

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022023\
 Data File : VX034194.D
 Acq On : 20 Feb 2023 17:43
 Operator : JC/MD
 Sample : VX0220MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/21/2023
 Supervised By : Mahesh Dadoda 02/21/2023

Quant Time: Feb 21 01:10:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	335786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	572200	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	501841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	237276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	216781	47.937	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.880%		
35) Dibromofluoromethane	5.385	113	185665	49.835	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.680%		
50) Toluene-d8	8.647	98	652593	48.788	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.580%		
62) 4-Bromofluorobenzene	11.079	95	234491	45.831	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	56313	19.408	ug/l	98
3) Chloromethane	1.294	50	90739	21.731	ug/l	98
4) Vinyl Chloride	1.374	62	87358	22.973	ug/l	97
5) Bromomethane	1.605	94	45339	28.642	ug/l	100
6) Chloroethane	1.685	64	49977	26.143	ug/l	99
7) Trichlorofluoromethane	1.886	101	113962	22.152	ug/l	98
8) Diethyl Ether	2.130	74	48674	23.484	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	61598	17.002	ug/l	95
10) Methyl Iodide	2.453	142	76396	17.318	ug/l	94
11) Tert butyl alcohol	2.947	59	100390	99.253	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	65765	18.108	ug/l	95
13) Acrolein	2.233	56	28518	61.766	ug/l	93
14) Allyl chloride	2.666	41	131235	17.034	ug/l	88
15) Acrylonitrile	3.062	53	226905	102.834	ug/l	98
16) Acetone	2.373	43	183304	78.577	ug/l	92
17) Carbon Disulfide	2.514	76	181265	17.359	ug/l	99
18) Methyl Acetate	2.697	43	148698	20.600	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	254119	19.825	ug/l	96
20) Methylene Chloride	2.788	84	81569	19.406	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	72159	18.961	ug/l	93
22) Diisopropyl ether	3.757	45	282212	20.895	ug/l	99
23) Vinyl Acetate	3.721	43	1113954	102.942	ug/l	100
24) 1,1-Dichloroethane	3.611	63	143887	19.405	ug/l	99
25) 2-Butanone	4.550	43	319394	94.625	ug/l	99
26) 2,2-Dichloropropane	4.471	77	105415	15.694	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	88776	19.699	ug/l	98
28) Bromochloromethane	4.897	49	67560	20.425	ug/l	88
29) Tetrahydrofuran	5.001	42	213202	103.541	ug/l	98
30) Chloroform	5.093	83	137565	19.321	ug/l	96
31) Cyclohexane	5.471	56	115505	17.107	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	115809	18.145	ug/l	99
36) 1,1-Dichloropropene	5.696	75	95405	17.316	ug/l	99
37) Ethyl Acetate	4.708	43	123635	20.078	ug/l	100
38) Carbon Tetrachloride	5.678	117	98365	17.349	ug/l	99
39) Methylcyclohexane	7.379	83	115517	16.292	ug/l	98
40) Benzene	6.037	78	314936	19.288	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	69066	20.131	ug/l	99
42) 1,2-Dichloroethane	6.086	62	106284	18.508	ug/l	100
43) Isopropyl Acetate	6.336	43	213169	19.618	ug/l	99
44) Trichloroethene	7.123	130	78769	18.799	ug/l	94
45) 1,2-Dichloropropane	7.434	63	85161	19.592	ug/l	100
46) Dibromomethane	7.580	93	56584	19.780	ug/l	88
47) Bromodichloromethane	7.824	83	111483	18.990	ug/l	99
48) Methyl methacrylate	7.690	41	98985	19.192	ug/l	97
49) 1,4-Dioxane	7.659	88	41087	399.400	ug/l #	99
51) 4-Methyl-2-Pentanone	8.568	43	647110	108.242	ug/l	98
52) Toluene	8.720	92	187667	18.969	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	123033	18.207	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	132948	18.378	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	81664	20.449	ug/l	97
56) Ethyl methacrylate	9.116	69	135259	20.022	ug/l	98
57) 1,3-Dichloropropane	9.305	76	138929	19.995	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	309561	105.780	ug/l	96
59) 2-Hexanone	9.427	43	483132	106.039	ug/l	99
60) Dibromochloromethane	9.519	129	86140	19.522	ug/l	99
61) 1,2-Dibromoethane	9.610	107	84203	19.937	ug/l	98
64) Tetrachloroethene	9.275	164	61190	17.276	ug/l	90
65) Chlorobenzene	10.079	112	197314	18.862	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	78201	19.311	ug/l	98
67) Ethyl Benzene	10.195	91	345902	18.405	ug/l	98
68) m/p-Xylenes	10.299	106	268342	37.311	ug/l	98
69) o-Xylene	10.640	106	134340	18.763	ug/l	96
70) Styrene	10.653	104	219862	18.881	ug/l	98
71) Bromoform	10.799	173	63777	19.294	ug/l #	100
73) Isopropylbenzene	10.963	105	333912	18.465	ug/l	100
74) N-amyl acetate	10.841	43	188838	20.786	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	128007	20.696	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	115918m	19.415	ug/l	
77) Bromobenzene	11.195	156	84067	19.318	ug/l	88
78) n-propylbenzene	11.305	91	377945	17.971	ug/l	98
79) 2-Chlorotoluene	11.366	91	230941	17.908	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	278098	18.291	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	40577	17.459	ug/l	89
82) 4-Chlorotoluene	11.457	91	263045	17.909	ug/l	98
83) tert-Butylbenzene	11.713	119	287291	18.450	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	279799	18.201	ug/l	99
85) sec-Butylbenzene	11.890	105	339731	17.966	ug/l	98
86) p-Isopropyltoluene	12.012	119	282453	18.049	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	153234	18.775	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	153890	18.694	ug/l	96
89) n-Butylbenzene	12.335	91	241146	17.301	ug/l	98
90) Hexachloroethane	12.536	117	56351	17.222	ug/l	83
91) 1,2-Dichlorobenzene	12.335	146	157563	19.732	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26795	18.167	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	93608	18.259	ug/l	99
94) Hexachlorobutadiene	13.725	225	37431	17.613	ug/l	99
95) Naphthalene	13.774	128	347211	20.105	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	98048	19.264	ug/l	98

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

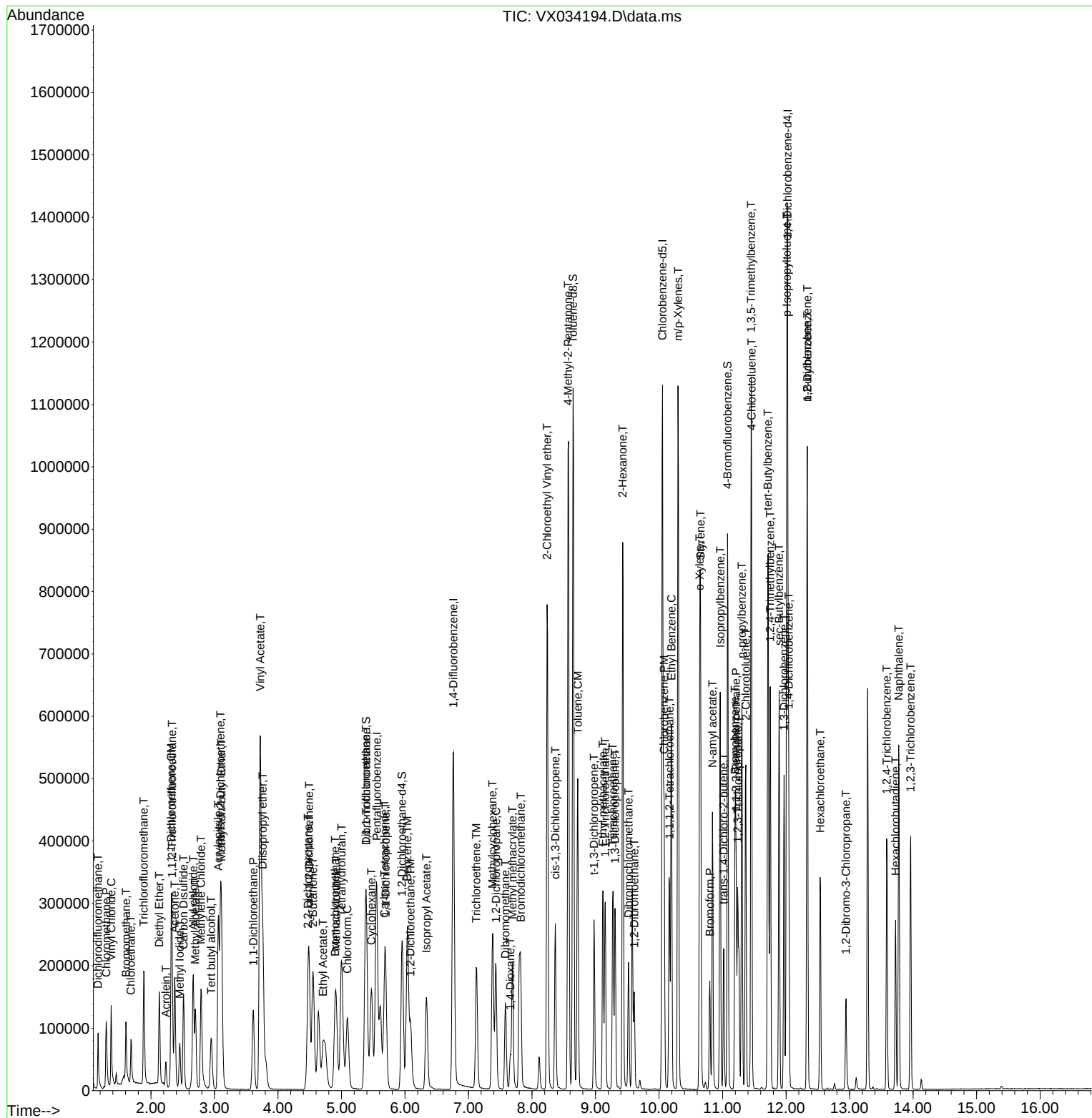
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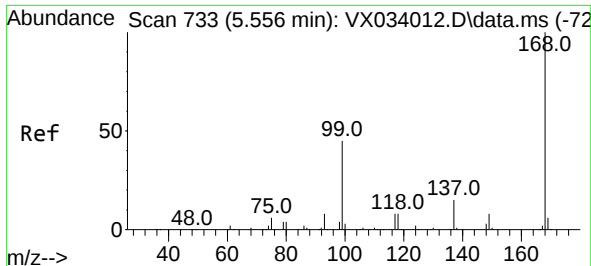
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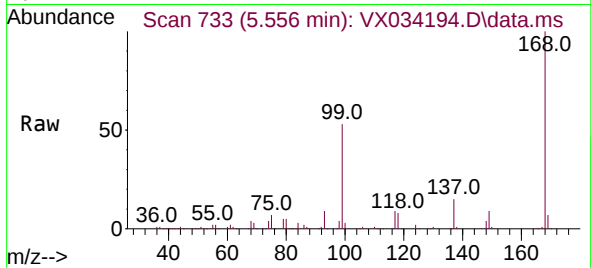
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.006 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

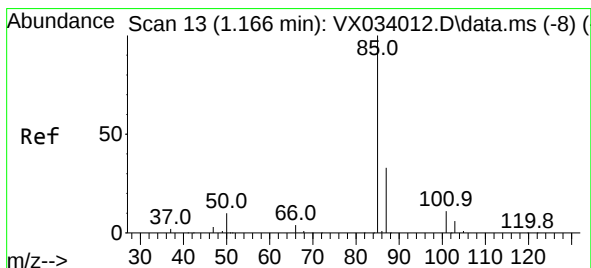
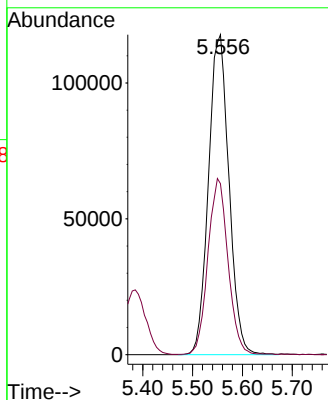
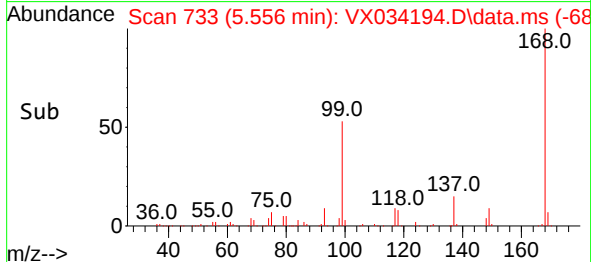
Instrument :
MSVOA_X
ClientSampleId :
VX0220MBS01



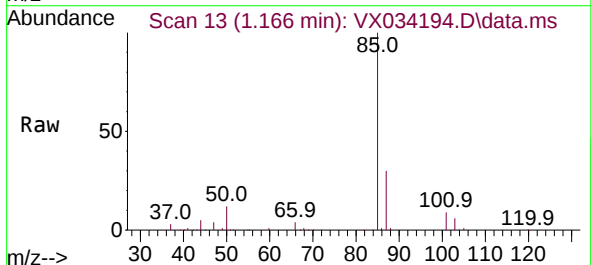
Tgt Ion:168 Resp: 335780
Ion Ratio Lower Upper
168 100
99 53.4 39.6 59.4

Manual Integrations
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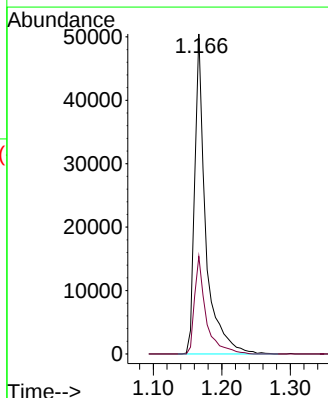
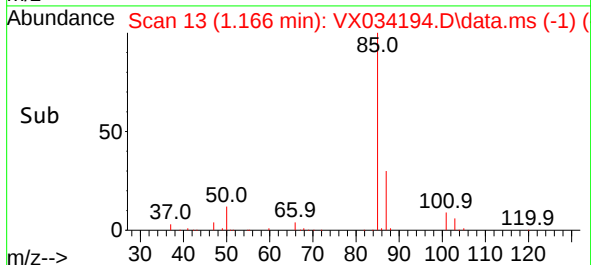
Reviewed By :John Carlone 02/21/2023
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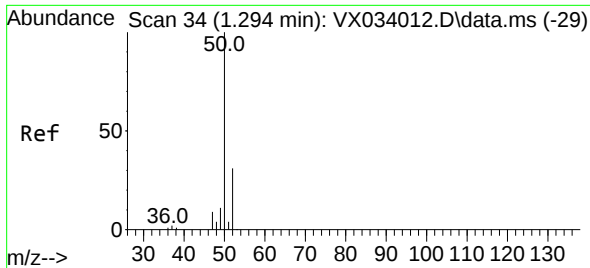


#2
Dichlorodifluoromethane
Concen: 19.408 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43



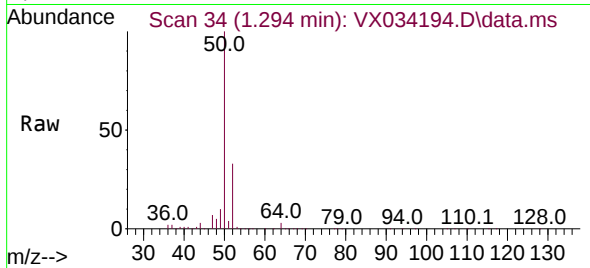
Tgt Ion: 85 Resp: 56313
Ion Ratio Lower Upper
85 100
87 30.5 15.8 47.4





#3
Chloromethane
Concen: 21.731 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

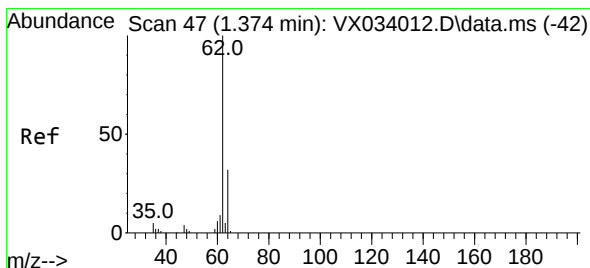
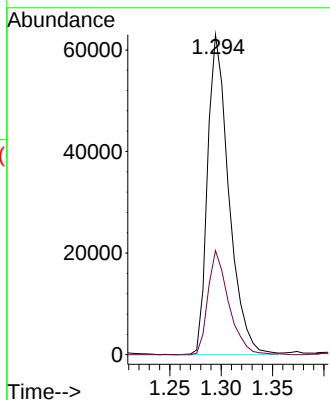
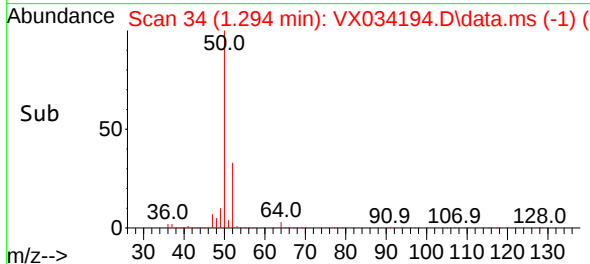
Instrument :
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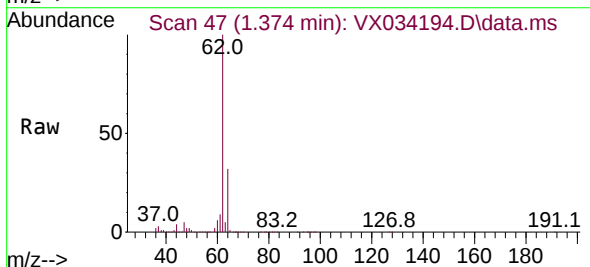
Tgt Ion: 50 Resp: 90735
Ion Ratio Lower Upper
50 100
52 32.5 25.2 37.8

Manual Integrations
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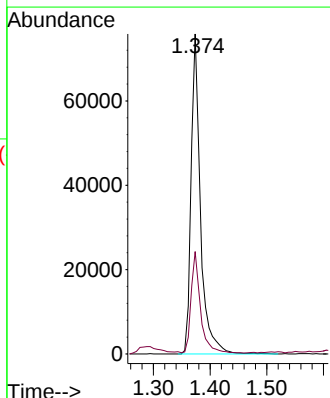
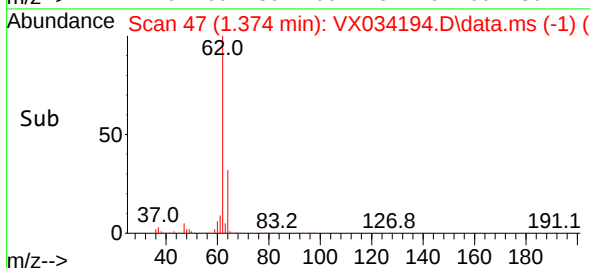
Reviewed By :John Carlone 02/21/2023
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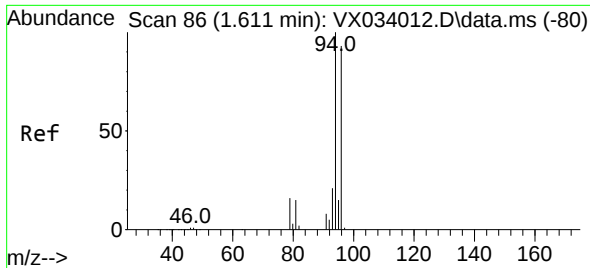


#4
Vinyl Chloride
Concen: 22.973 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43



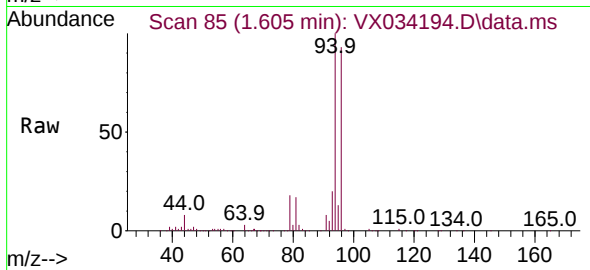
Tgt Ion: 62 Resp: 87358
Ion Ratio Lower Upper
62 100
64 31.3 26.2 39.4





#5
Bromomethane
Concen: 28.642 ug/l
RT: 1.605 min Scan# 86
Delta R.T. 0.006 min
Lab File: VX034194.D
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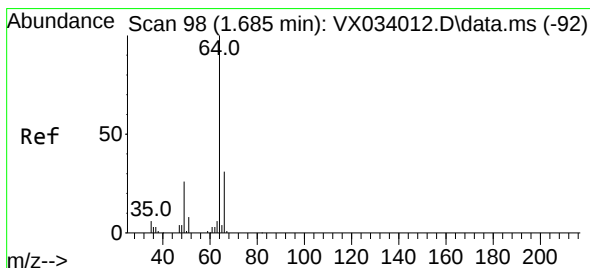
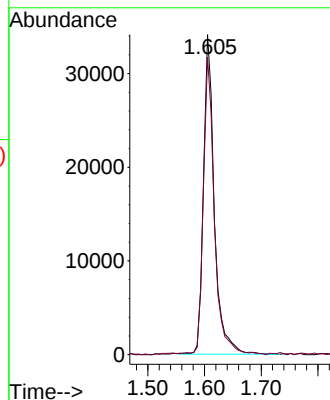
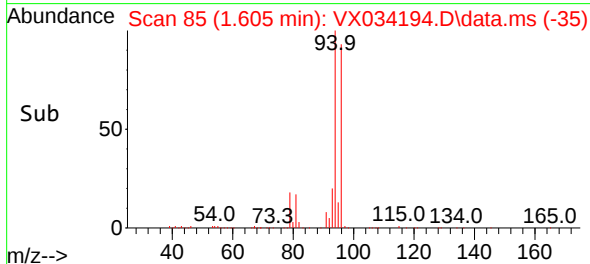
Instrument :
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Tgt Ion: 94 Resp: 45339
Ion Ratio Lower Upper
94 100
96 92.5 74.3 111.5

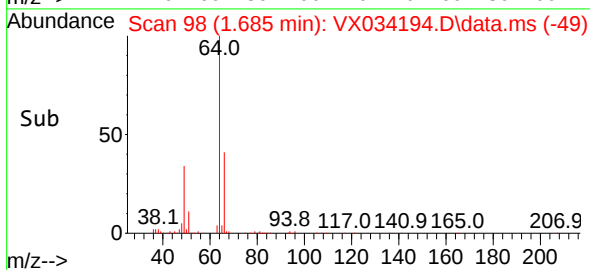
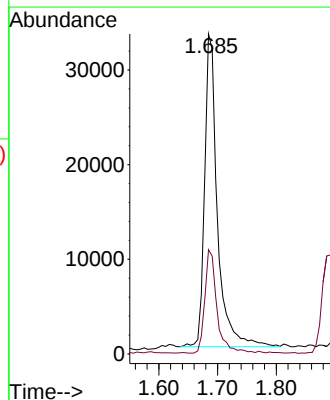
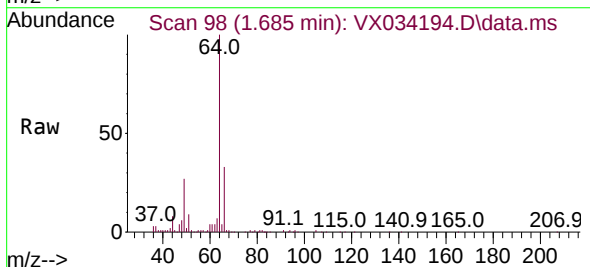
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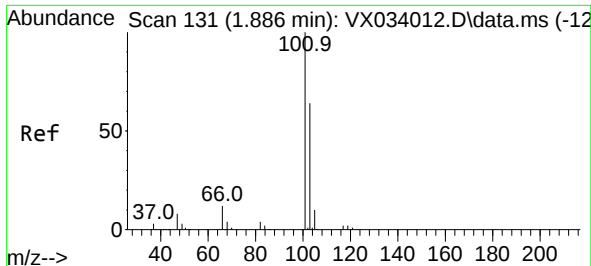
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#6
Chloroethane
Concen: 26.143 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

Tgt Ion: 64 Resp: 49977
Ion Ratio Lower Upper
64 100
66 33.0 26.1 39.1





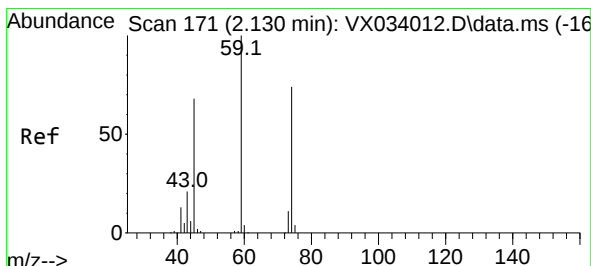
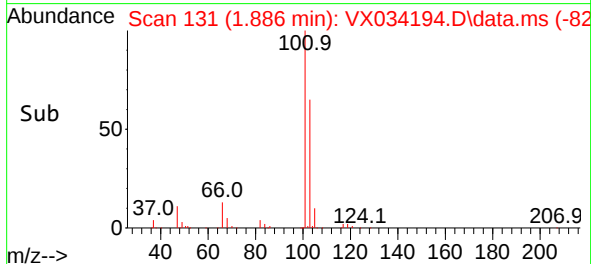
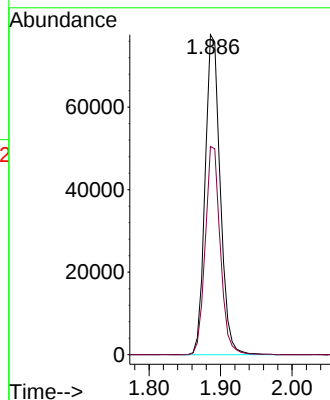
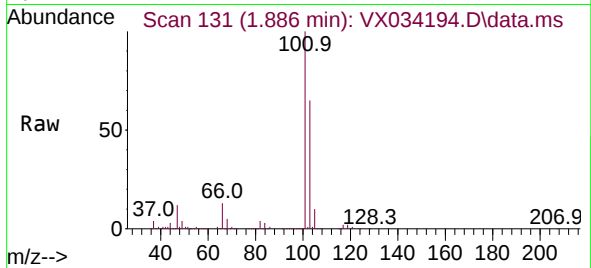
#7
Trichlorofluoromethane
Concen: 22.152 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

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Tgt Ion:101 Resp: 113962
Ion Ratio Lower Upper
101 100
103 65.1 50.6 75.8

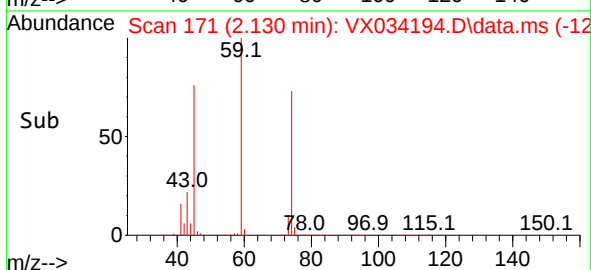
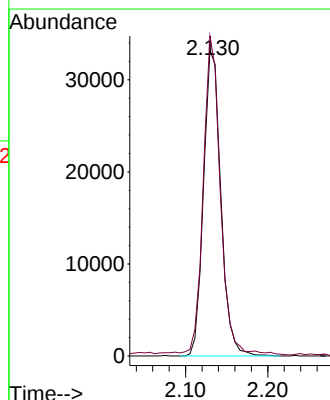
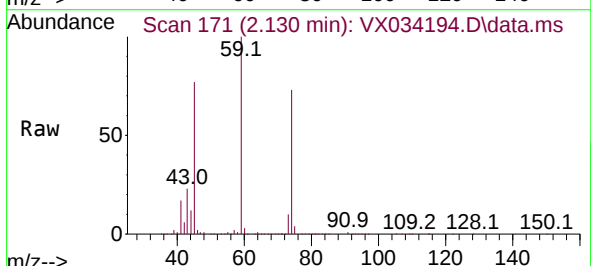
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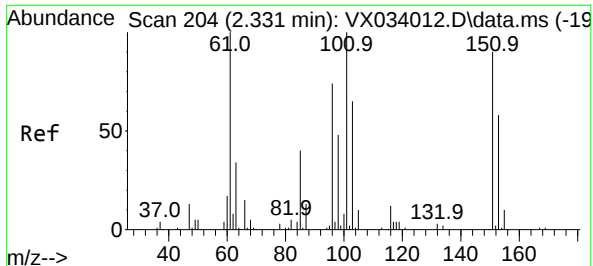
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#8
Diethyl Ether
Concen: 23.484 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

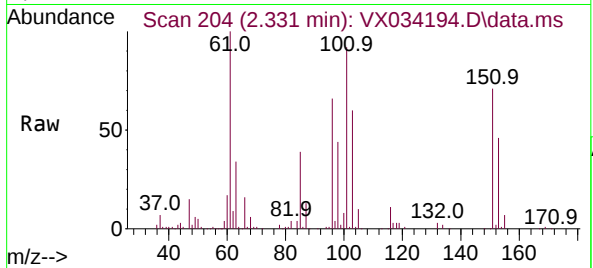
Tgt Ion: 74 Resp: 48674
Ion Ratio Lower Upper
74 100
45 104.0 51.5 154.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.002 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

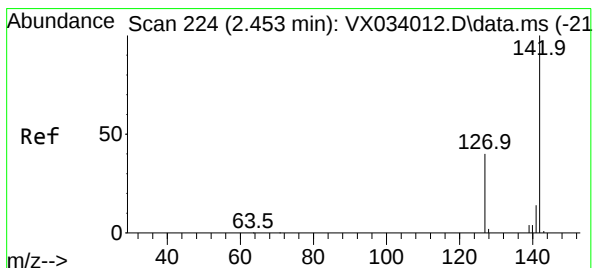
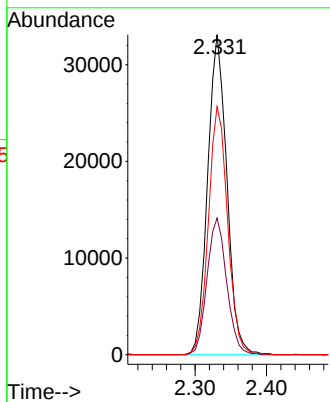
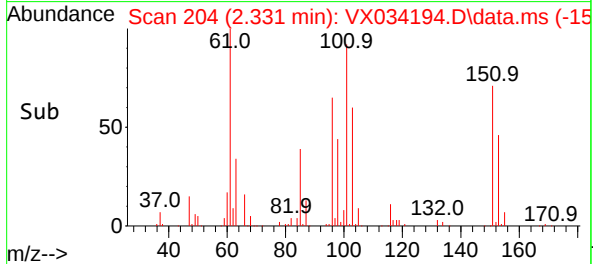
Instrument :
MSVOA_X
ClientSampleId :
VX0220MBS01



Tgt Ion:101 Resp: 61598
Ion Ratio Lower Upper
101 100
85 43.7 36.7 55.1
151 77.6 66.5 99.7

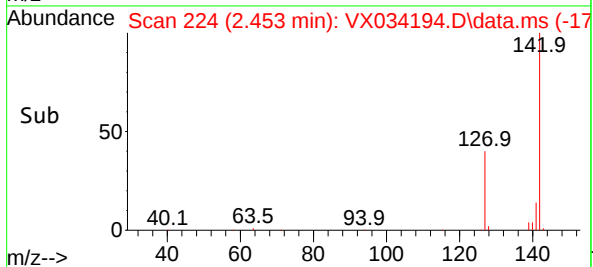
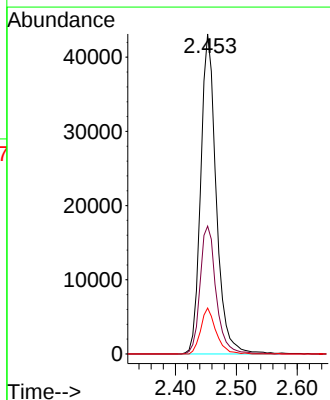
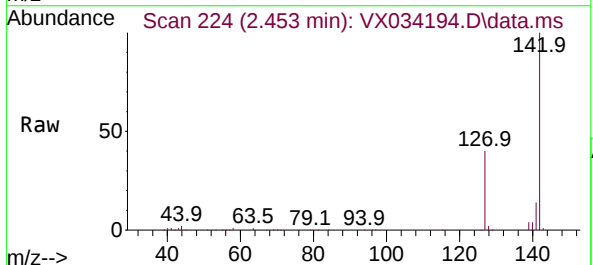
Manual Integrations
APPROVED

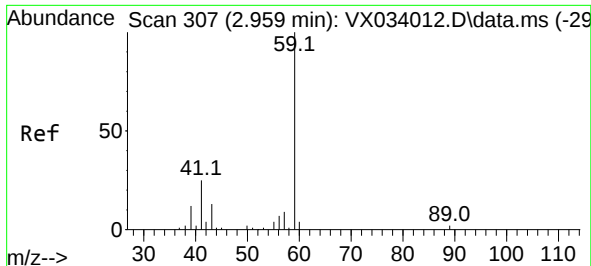
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#10
Methyl Iodide
Concen: 17.318 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

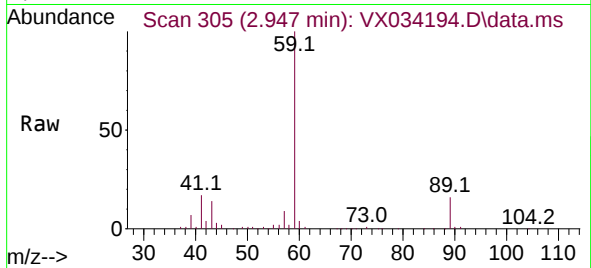
Tgt Ion:142 Resp: 76396
Ion Ratio Lower Upper
142 100
127 41.4 37.3 55.9
141 14.2 11.5 17.3





#11
Tert butyl alcohol
Concen: 99.253 ug/l
RT: 2.947 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

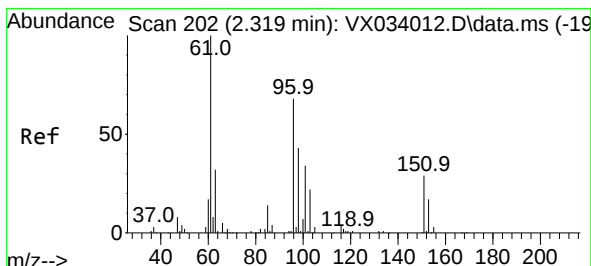
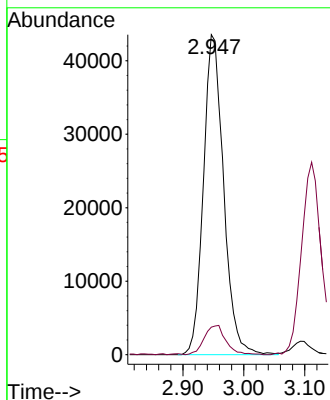
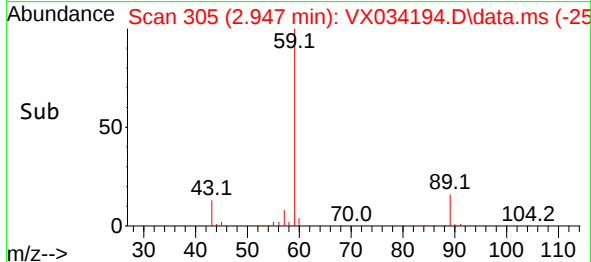
Instrument :
MSVOA_X
ClientSampleId :
VX0220MBS01



Tgt Ion: 59 Resp: 100390
Ion Ratio Lower Upper
59 100
57 9.7 3.7 5.5

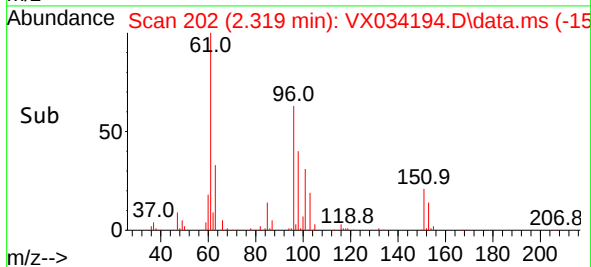
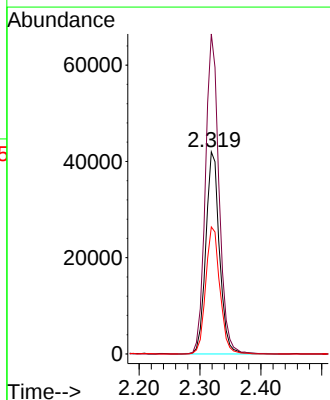
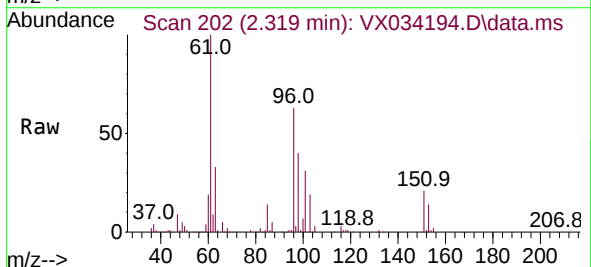
Manual Integrations
APPROVED

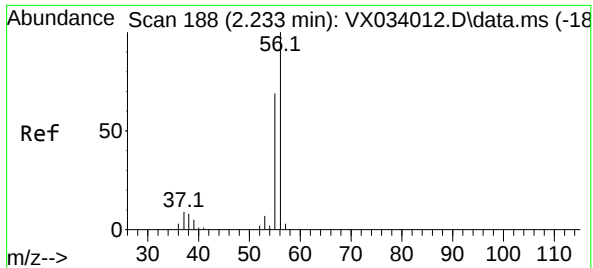
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#12
1,1-Dichloroethene
Concen: 18.108 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

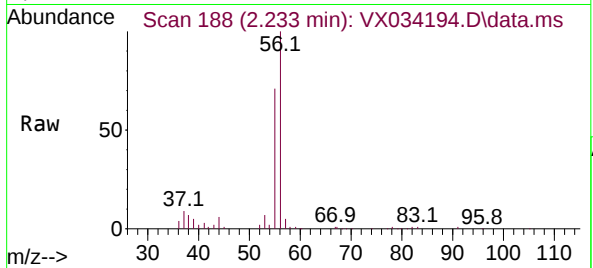
Tgt Ion: 96 Resp: 65765
Ion Ratio Lower Upper
96 100
61 158.4 134.2 201.4
98 62.9 50.2 75.2





#13
Acrolein
Concen: 61.766 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

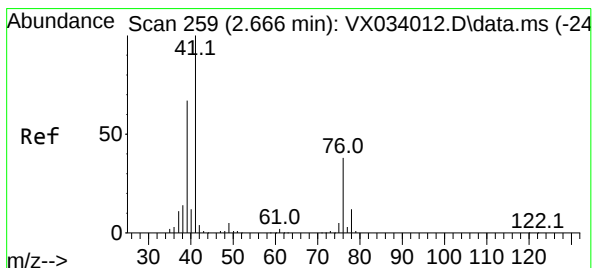
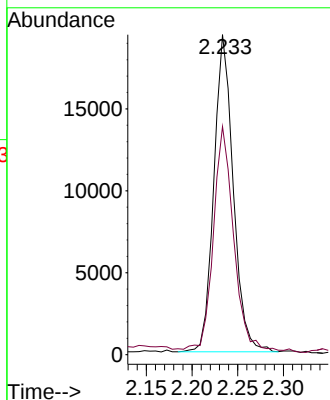
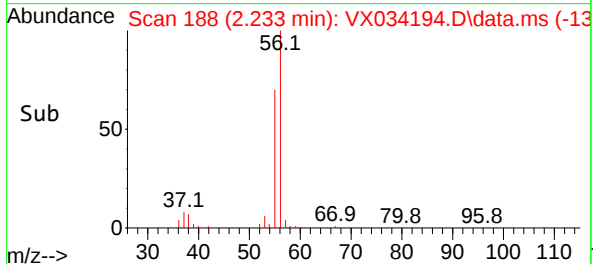
Instrument :
MSVOA_X
ClientSampleId :
VX0220MBS01



Tgt Ion: 56 Resp: 28518
Ion Ratio Lower Upper
56 100
55 76.0 56.3 84.5

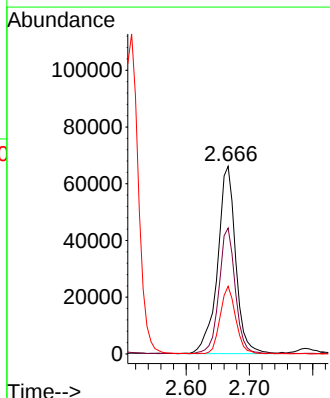
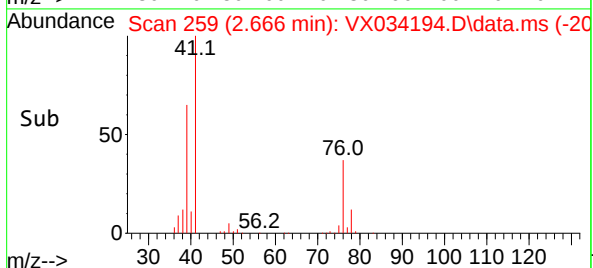
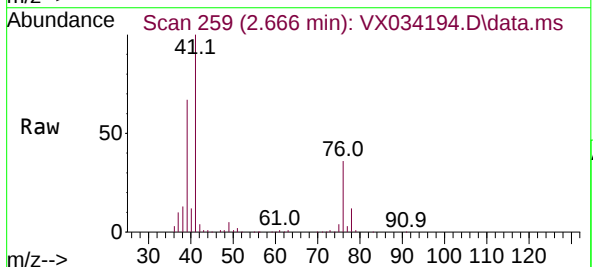
Manual Integrations
APPROVED

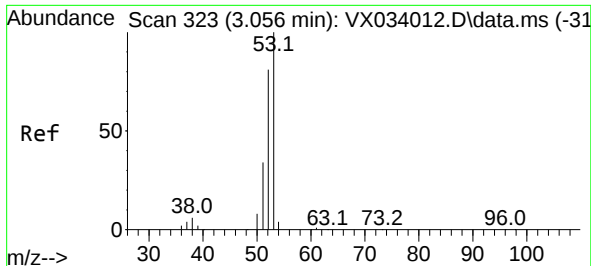
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#14
Allyl chloride
Concen: 17.034 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

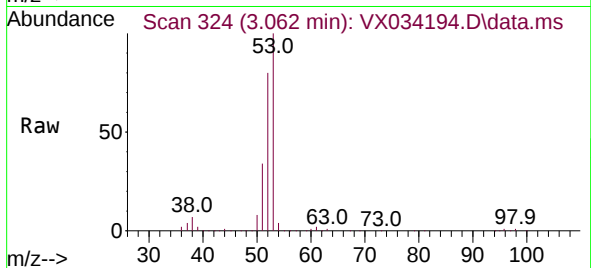
Tgt Ion: 41 Resp: 131235
Ion Ratio Lower Upper
41 100
39 59.9 59.0 88.4
76 30.7 24.6 37.0





#15
Acrylonitrile
Concen: 102.834 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

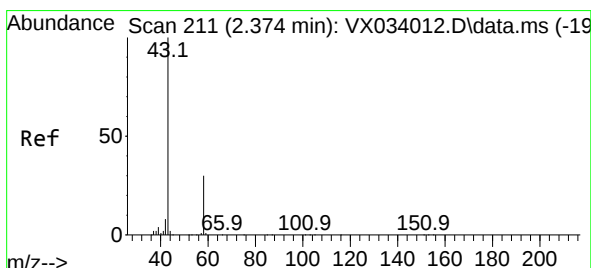
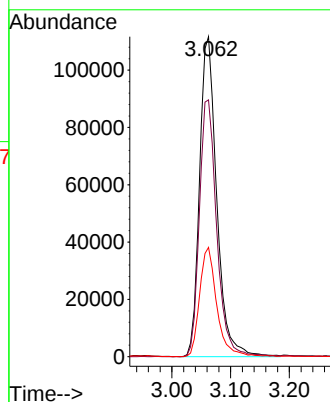
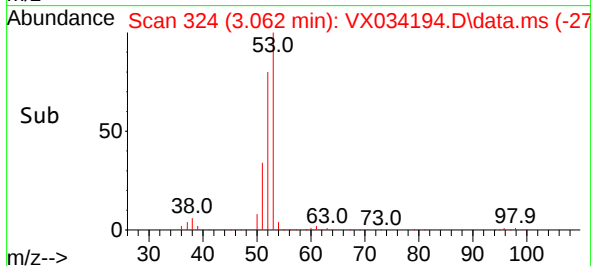
Instrument :
MSVOA_X
ClientSampleId :
VX0220MBS01



Tgt Ion: 53 Resp: 22690
Ion Ratio Lower Upper
53 100
52 81.1 65.7 98.5
51 34.1 29.0 43.4

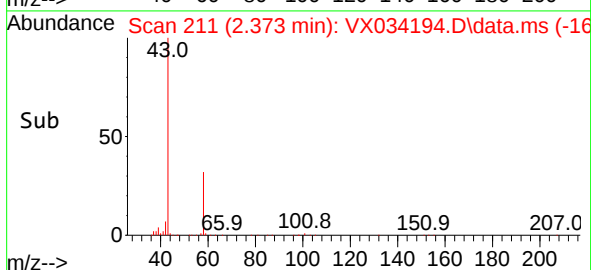
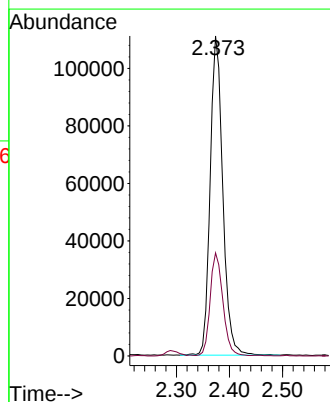
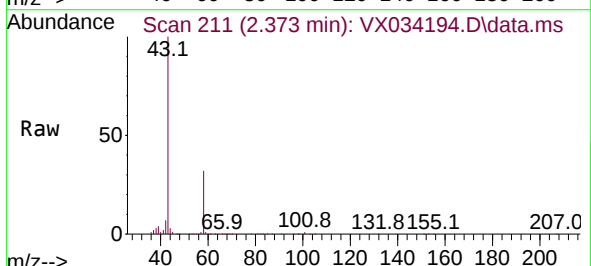
Manual Integrations
APPROVED

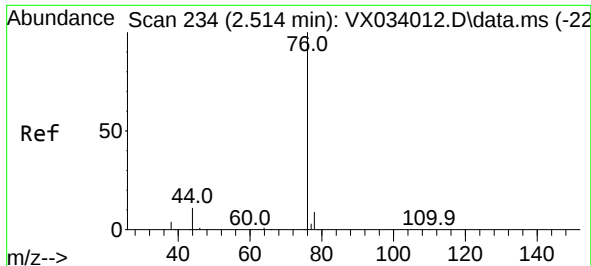
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#16
Acetone
Concen: 78.577 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

Tgt Ion: 43 Resp: 183304
Ion Ratio Lower Upper
43 100
58 32.2 22.6 33.8





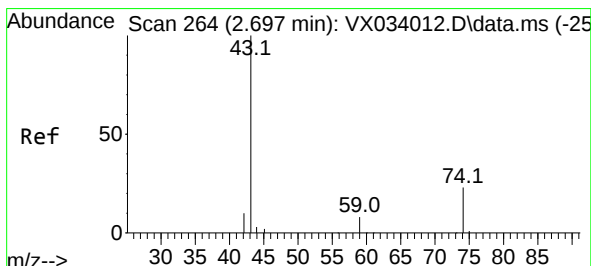
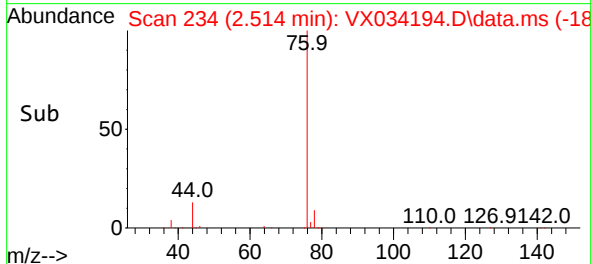
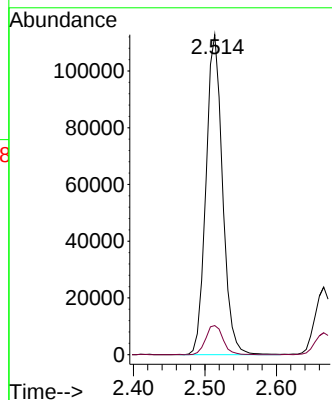
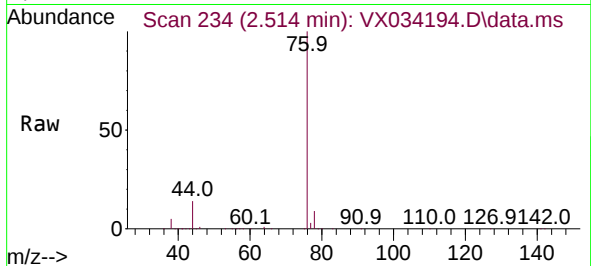
#17
Carbon Disulfide
Concen: 17.359 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

Instrument :
MSVOA_X
ClientSampleId :
VX0220MBS01

Tgt Ion: 76 Resp: 18126
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

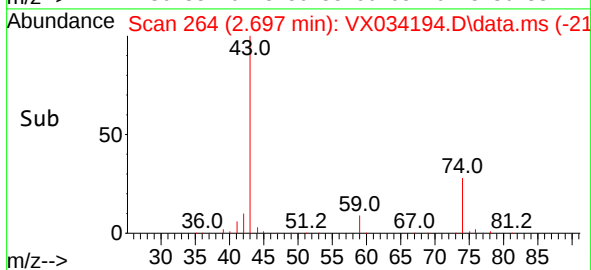
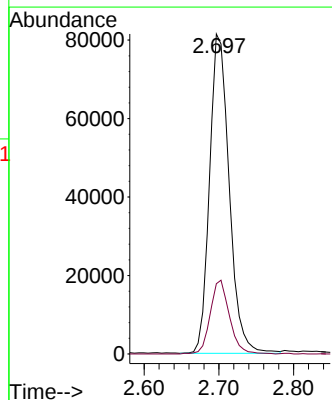
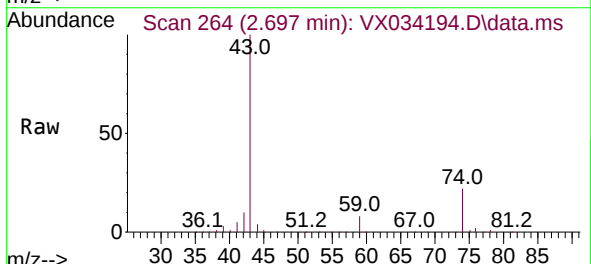
Manual Integrations
APPROVED

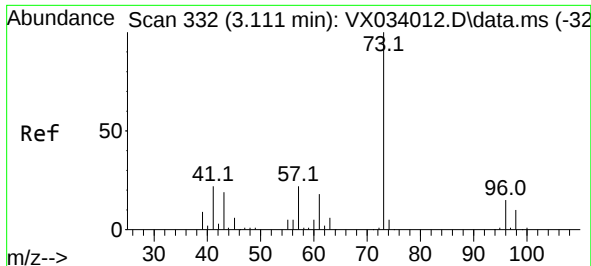
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#18
Methyl Acetate
Concen: 20.600 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

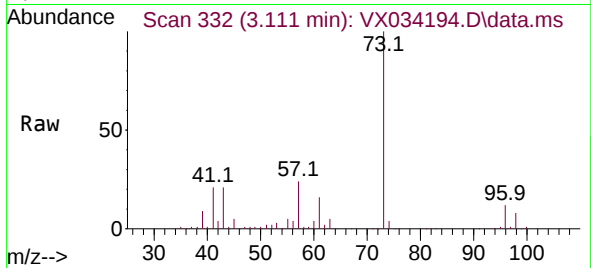
Tgt Ion: 43 Resp: 148698
Ion Ratio Lower Upper
43 100
74 22.6 18.2 27.4





#19
Methyl tert-butyl Ether
Concen: 19.825 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

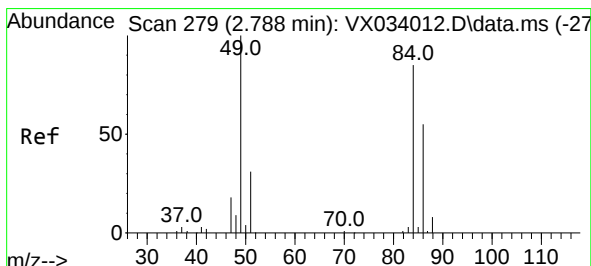
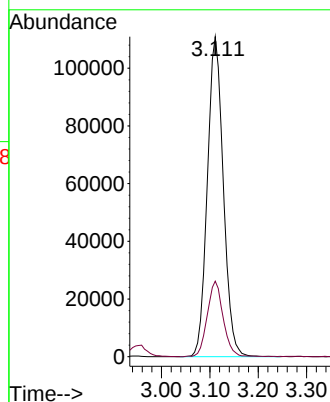
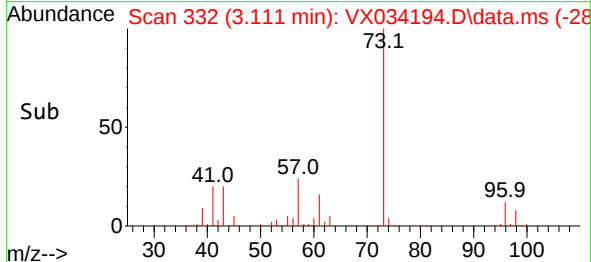
Instrument :
MSVOA_X
ClientSampleId :
VX0220MBS01



Tgt Ion: 73 Resp: 254119
Ion Ratio Lower Upper
73 100
57 23.6 17.4 26.0

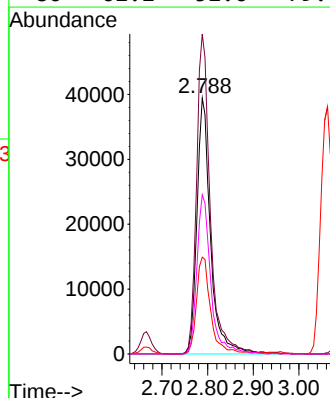
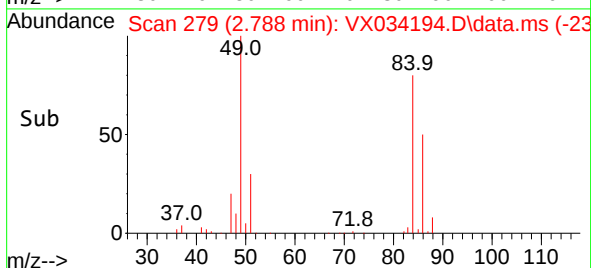
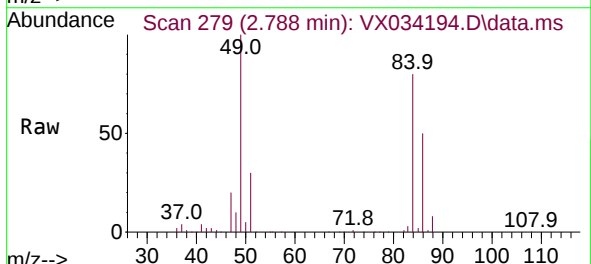
Manual Integrations
APPROVED

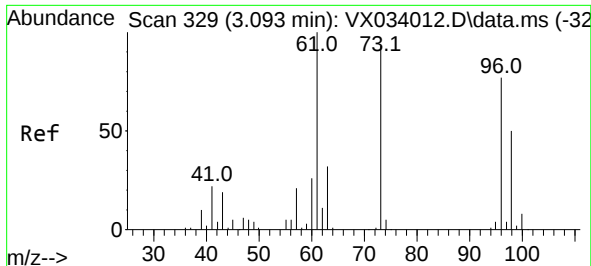
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#20
Methylene Chloride
Concen: 19.406 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

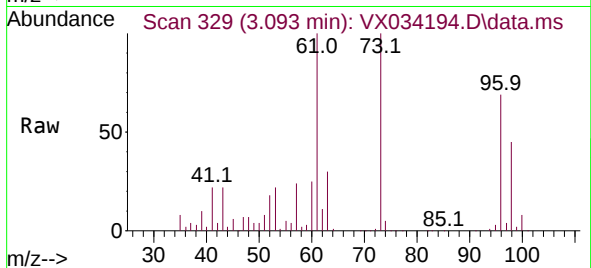
Tgt Ion: 84 Resp: 81569
Ion Ratio Lower Upper
84 100
49 125.0 101.1 151.7
51 37.8 31.0 46.6
86 62.2 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 18.961 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.006 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

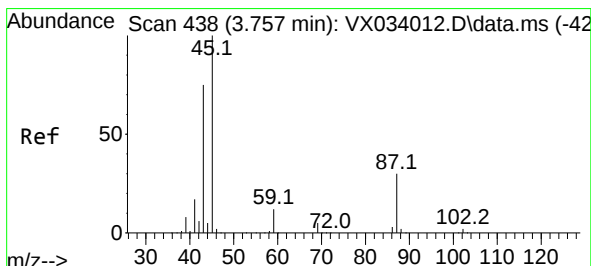
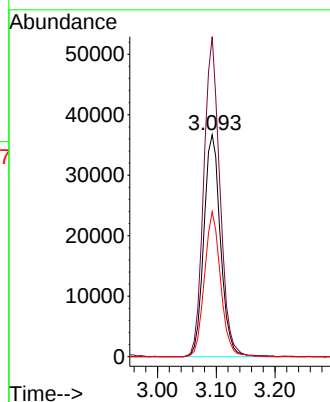
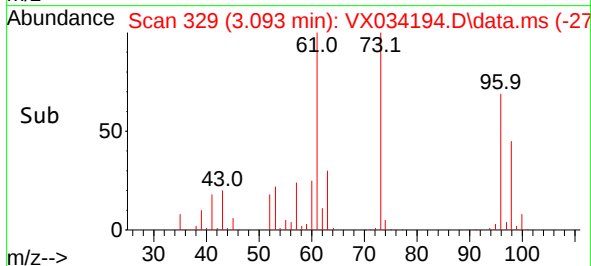
Instrument :
MSVOA_X
ClientSampleId :
VX0220MBS01



Tgt Ion: 96 Resp: 72159
Ion Ratio Lower Upper
96 100
61 144.2 106.7 160.1
98 65.4 50.0 75.0

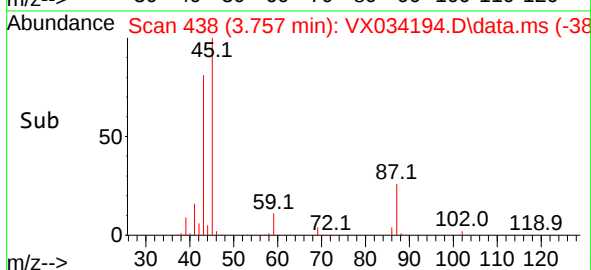
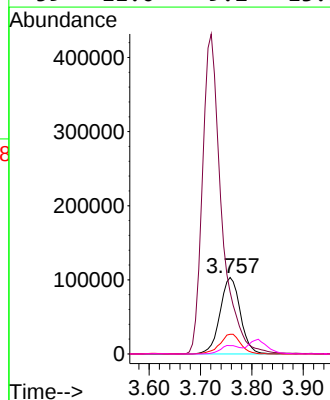
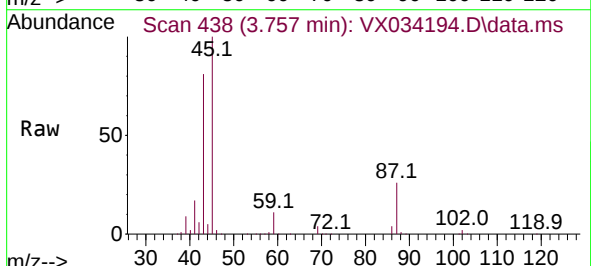
Manual Integrations
APPROVED

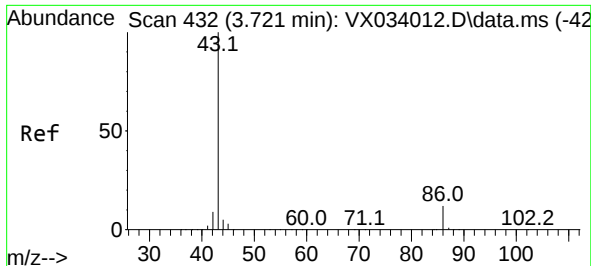
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#22
Diisopropyl ether
Concen: 20.895 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

Tgt Ion: 45 Resp: 282212
Ion Ratio Lower Upper
45 100
43 80.9 64.6 97.0
87 25.6 21.9 32.9
59 11.0 9.2 13.8





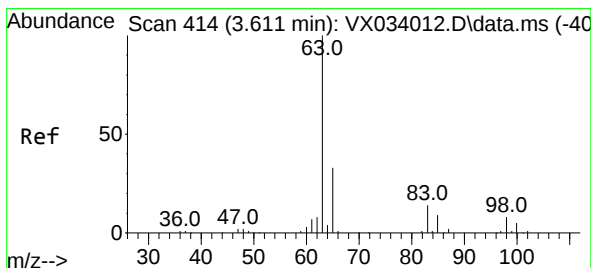
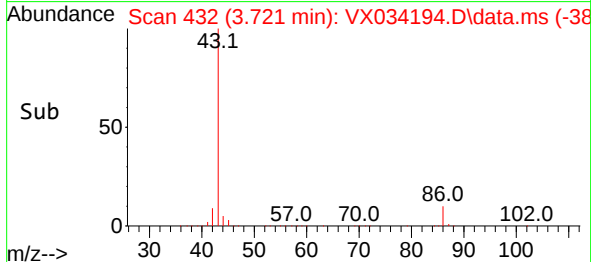
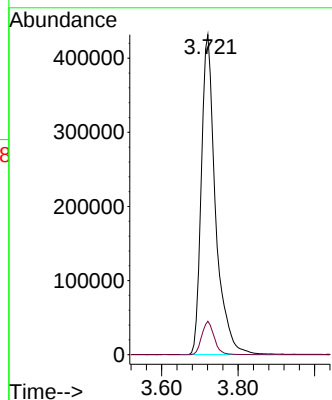
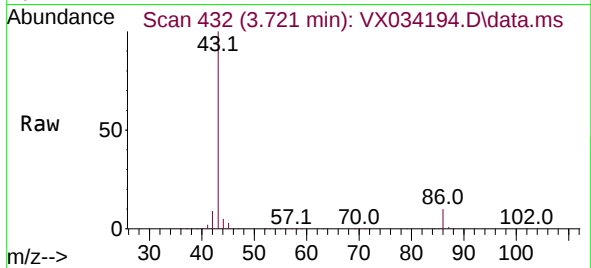
#23
 Vinyl Acetate
 Concen: 102.942 ug/l
 RT: 3.721 min Scan# 411
 Delta R.T. 0.006 min
 Lab File: VX034194.D
 Acq: 20 Feb 2023 17:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220MBS01

Tgt Ion: 43 Resp: 1113954
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.4 12.6

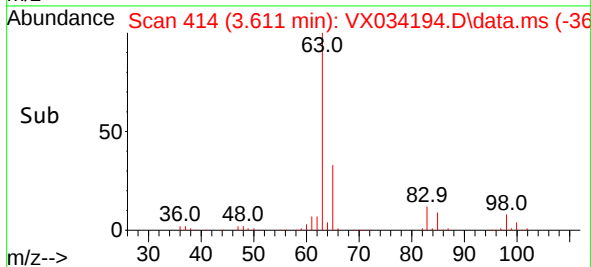
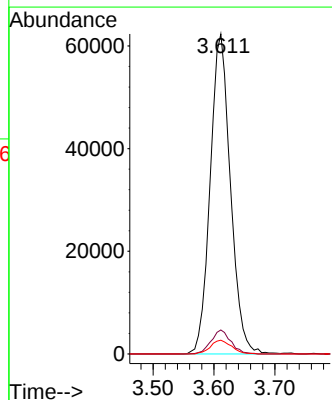
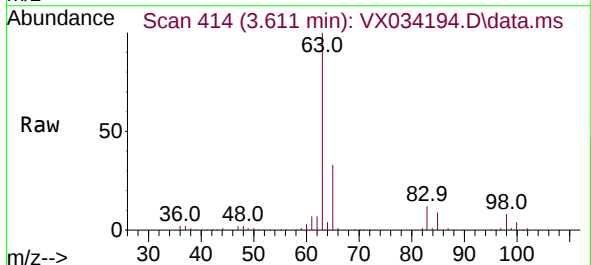
Manual Integrations
 APPROVED

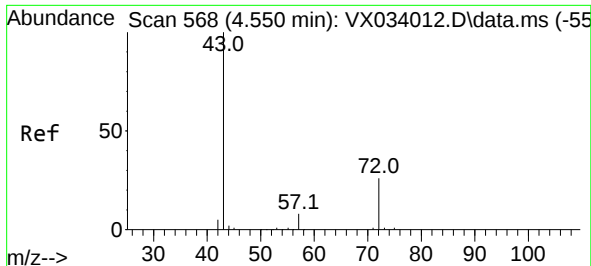
Reviewed By :John Carlone 02/21/2023
 Supervised By :Mahesh Dadoda 02/21/2023



#24
 1,1-Dichloroethane
 Concen: 19.405 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034194.D
 Acq: 20 Feb 2023 17:43

Tgt Ion: 63 Resp: 143887
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 4.3 2.4 7.2





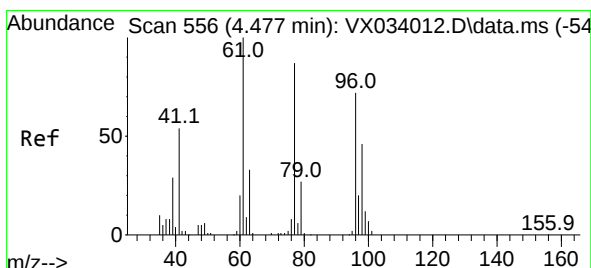
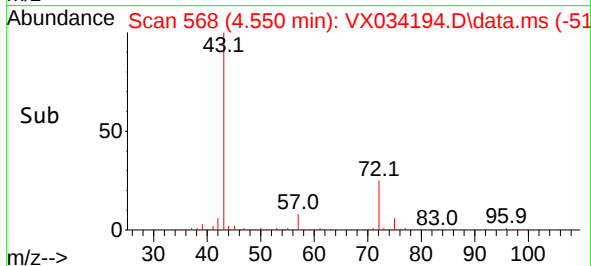
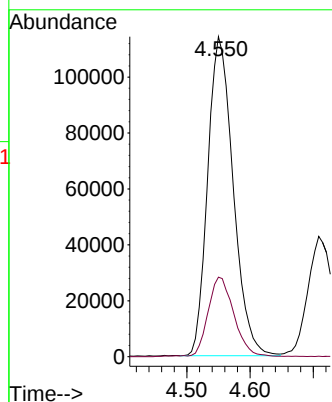
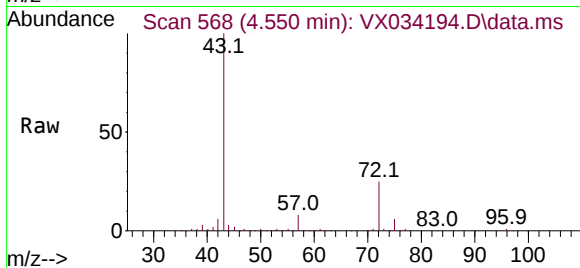
#25
2-Butanone
Concen: 94.625 ug/l
RT: 4.550 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

Instrument :
MSVOA_X
ClientSampleId :
VX0220MBS01

Tgt Ion: 43 Resp: 319394
Ion Ratio Lower Upper
43 100
72 24.8 19.4 29.2

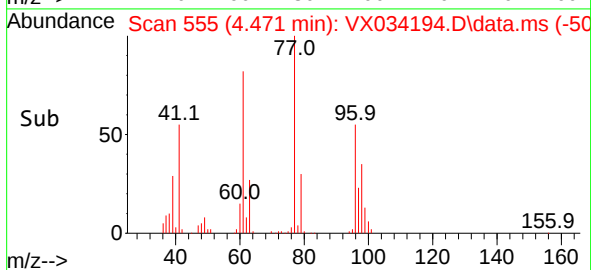
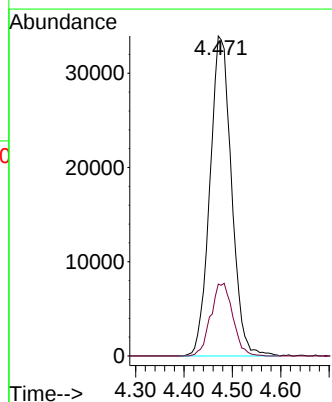
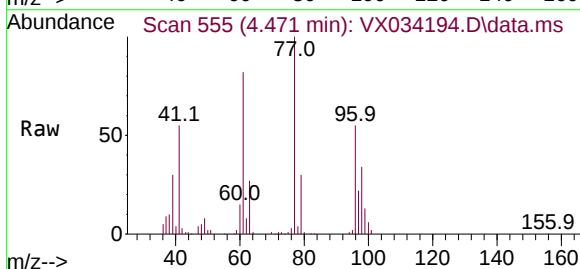
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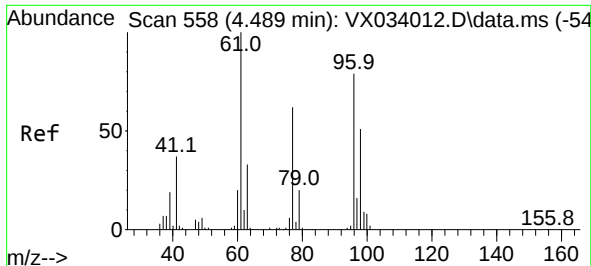
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#26
2,2-Dichloropropane
Concen: 15.694 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

Tgt Ion: 77 Resp: 105415
Ion Ratio Lower Upper
77 100
97 23.2 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 19.699 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX034194.D

Acq: 20 Feb 2023 17:43

Instrument :

MSVOA_X

ClientSampleId :

VX0220MBS01

Tgt Ion: 96 Resp: 88776

Ion Ratio Lower Upper

96 100

61 141.4 0.0 277.6

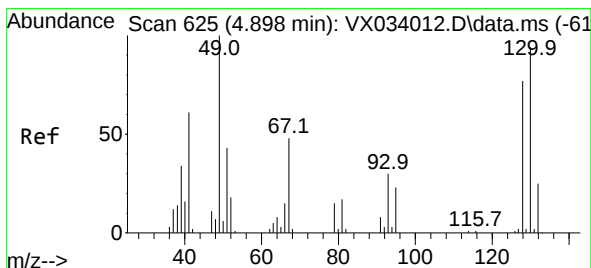
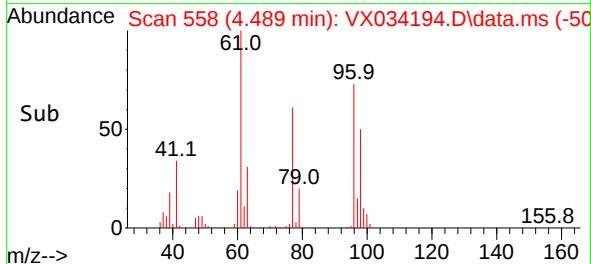
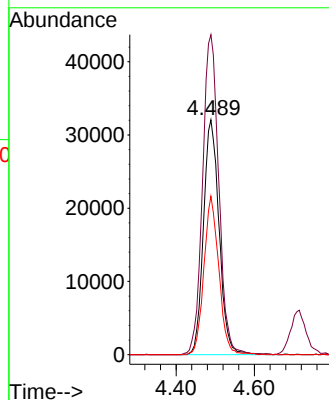
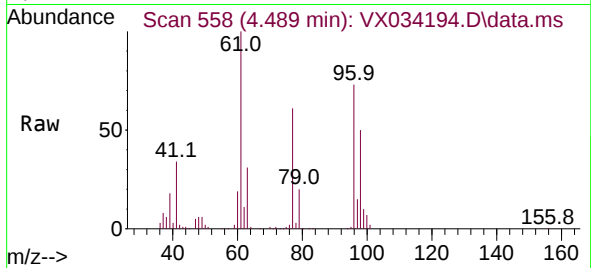
98 64.4 0.0 128.0

Manual Integrations

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Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#28

Bromochloromethane

Concen: 20.425 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX034194.D

Acq: 20 Feb 2023 17:43

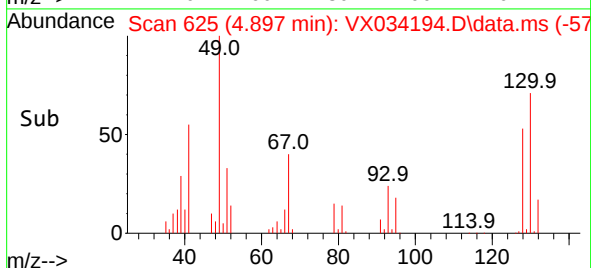
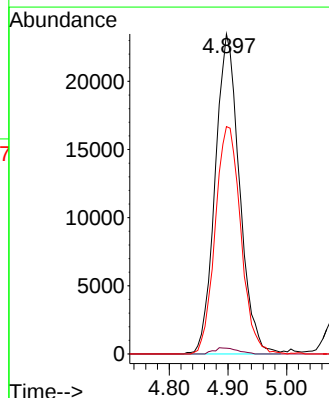
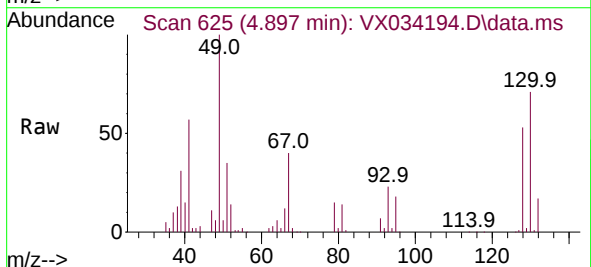
Tgt Ion: 49 Resp: 67560

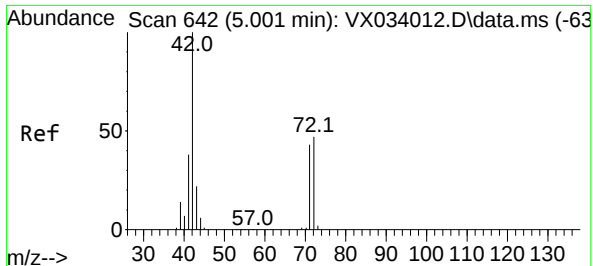
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

130 74.8 68.5 102.7





#29

Tetrahydrofuran

Concen: 103.541 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX034194.D

Acq: 20 Feb 2023 17:43

Instrument :

MSVOA_X

ClientSampleId :

VX0220MBS01

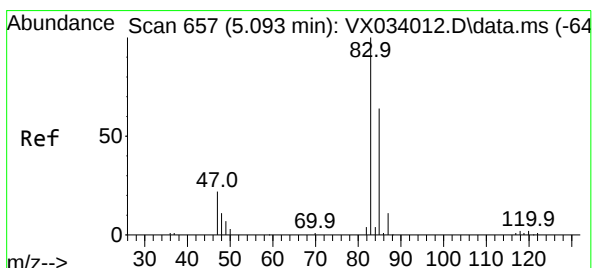
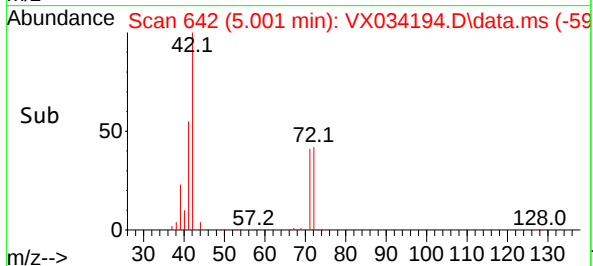
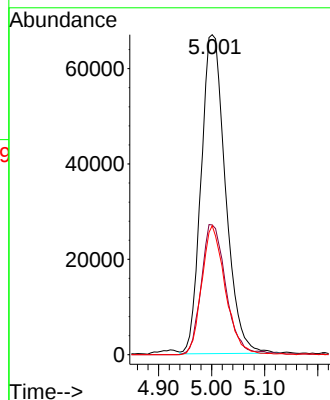
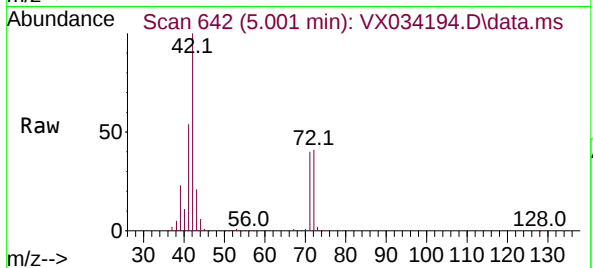
Tgt Ion:	42	Resp:	21320
Ion Ratio	Lower	Upper	
42	100		
72	41.8	34.8	52.2
71	39.0	32.2	48.2

Manual Integrations

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Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#30

Chloroform

Concen: 19.321 ug/l

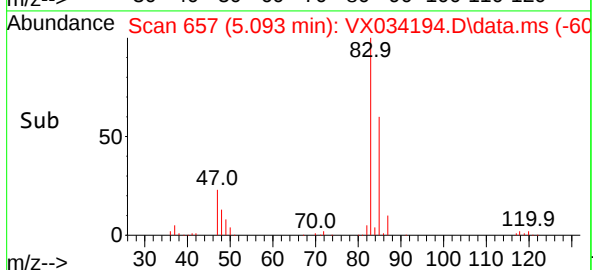
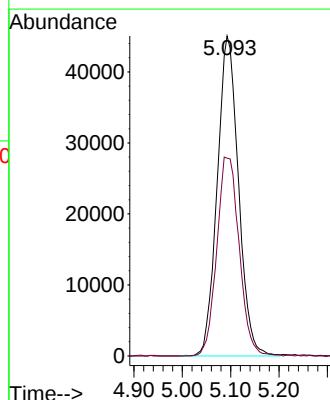
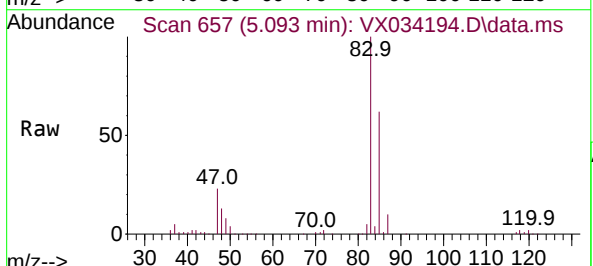
RT: 5.093 min Scan# 657

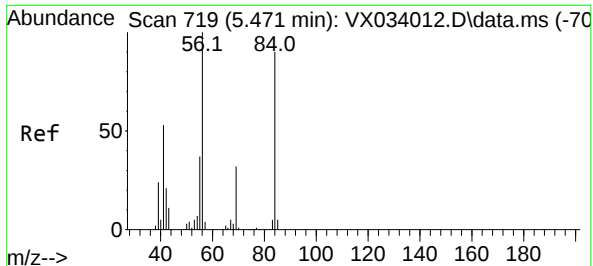
Delta R.T. 0.000 min

Lab File: VX034194.D

Acq: 20 Feb 2023 17:43

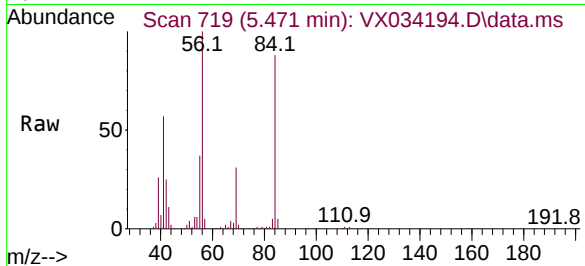
Tgt Ion:	83	Resp:	137565
Ion Ratio	Lower	Upper	
83	100		
85	61.8	52.1	78.1





#31
Cyclohexane
Concen: 17.107 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

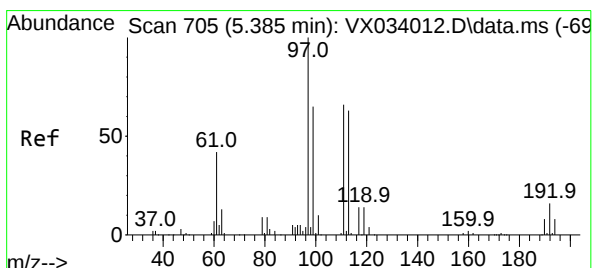
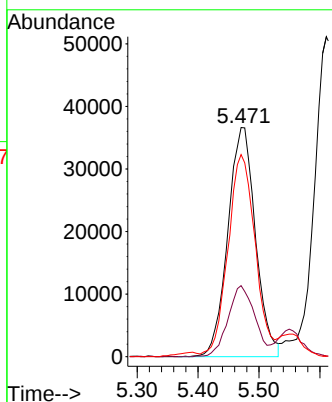
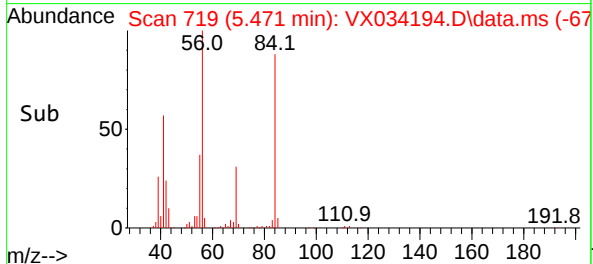
Instrument :
MSVOA_X
ClientSampleId :
VX0220MBS01



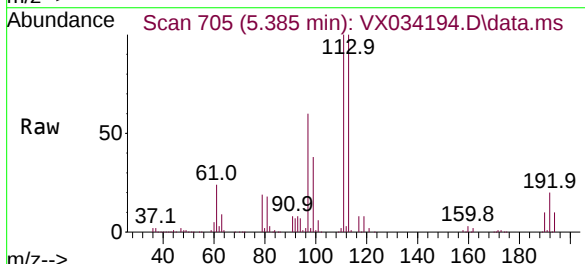
Tgt Ion: 56 Resp: 115509
Ion Ratio Lower Upper
56 100
69 31.0 24.6 37.0
84 87.1 71.0 106.6

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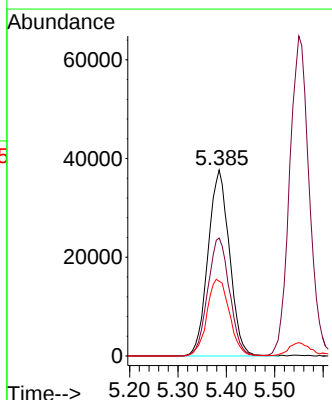
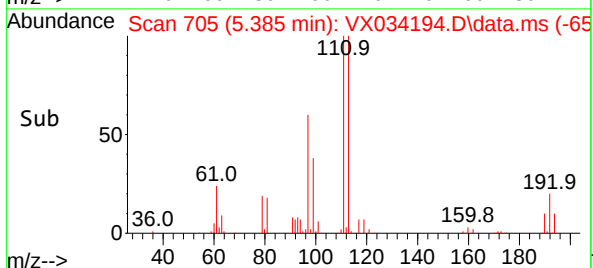
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

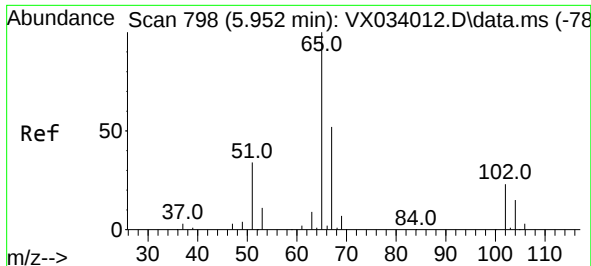


#32
1,1,1-Trichloroethane
Concen: 18.145 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43



Tgt Ion: 97 Resp: 115809
Ion Ratio Lower Upper
97 100
99 64.6 52.3 78.5
61 43.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 47.937 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034194.D

Acq: 20 Feb 2023 17:43

Instrument :

MSVOA_X

ClientSampleId :

VX0220MBS01

Tgt Ion: 65 Resp: 21678

Ion Ratio Lower Upper

65 100

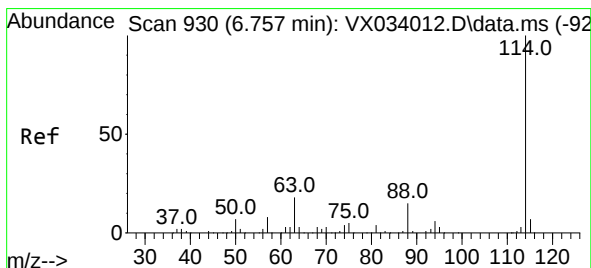
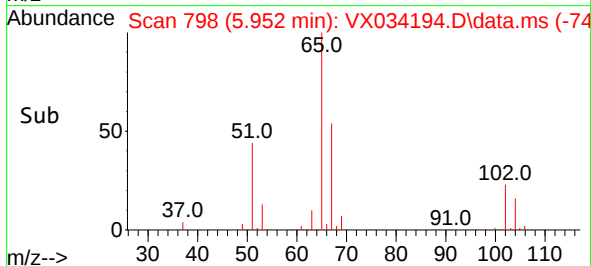
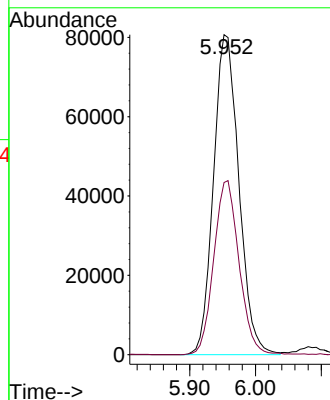
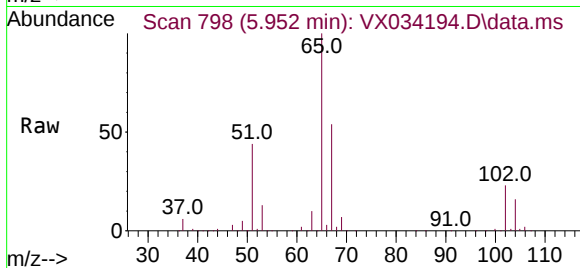
67 54.3 0.0 104.8

Manual Integrations

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Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034194.D

Acq: 20 Feb 2023 17:43

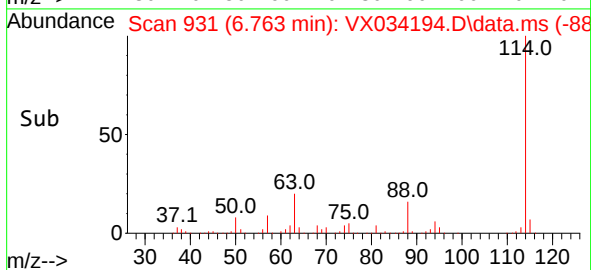
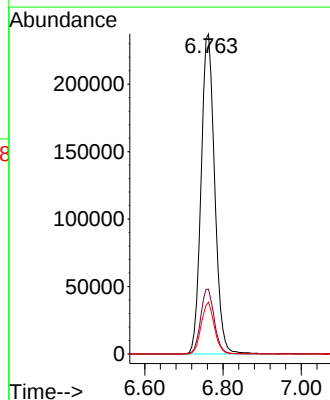
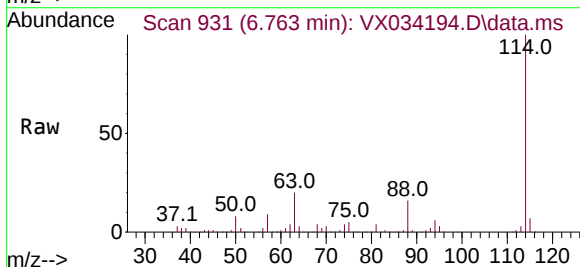
Tgt Ion:114 Resp: 572200

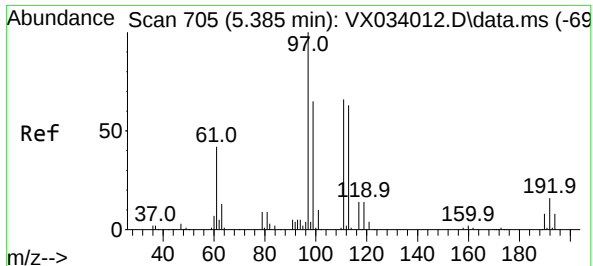
Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

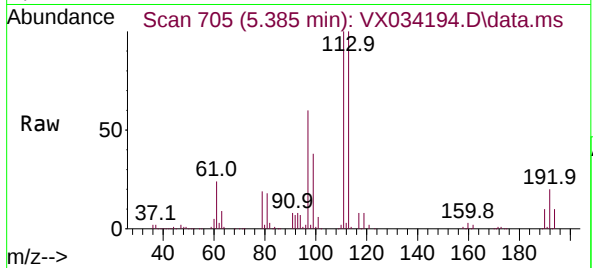
88 16.2 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.835 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

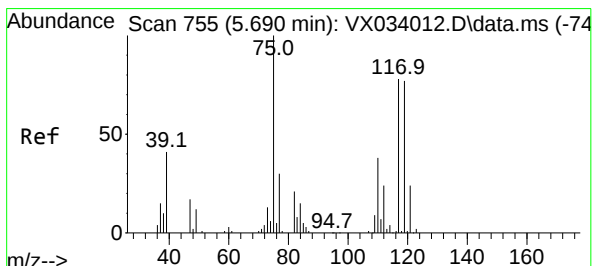
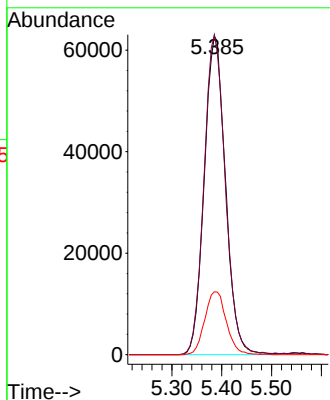
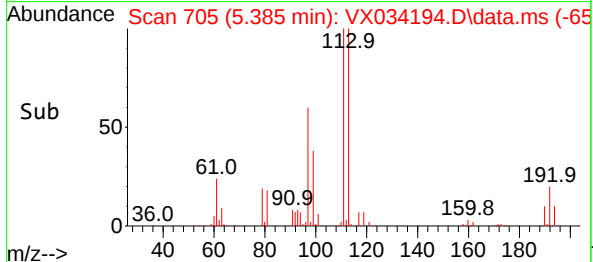
Instrument :
MSVOA_X
ClientSampleId :
VX0220MBS01



Tgt Ion: 113 Resp: 18566
Ion Ratio Lower Upper
113 100
111 100.8 83.0 124.6
192 20.0 19.0 28.4

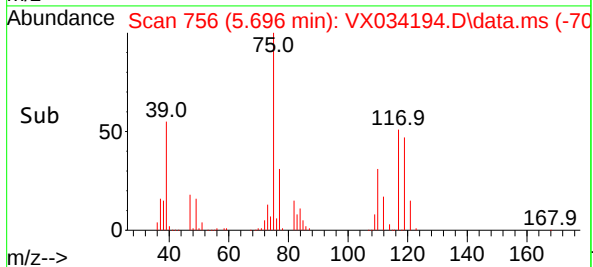
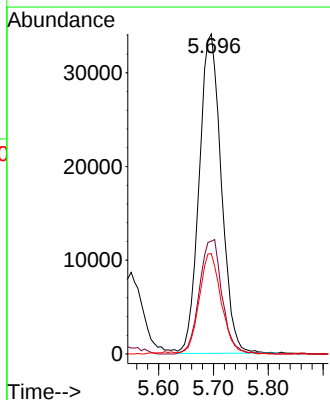
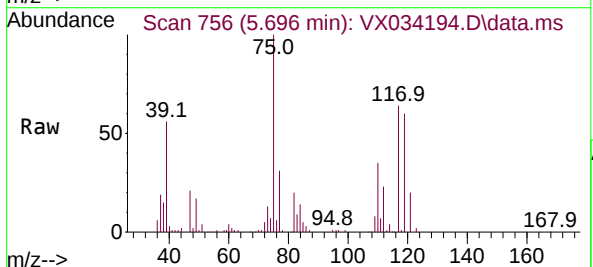
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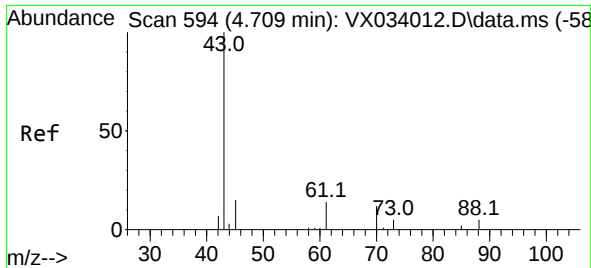
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#36
1,1-Dichloropropene
Concen: 17.316 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

Tgt Ion: 75 Resp: 95405
Ion Ratio Lower Upper
75 100
110 36.8 18.8 56.4
77 31.5 25.1 37.7





#37

Ethyl Acetate

Concen: 20.078 ug/l

RT: 4.708 min Scan# 594

Delta R.T. 0.000 min

Lab File: VX034194.D

Acq: 20 Feb 2023 17:43

Instrument :

MSVOA_X

ClientSampleId :

VX0220MBS01

Tgt Ion: 43 Resp: 12363

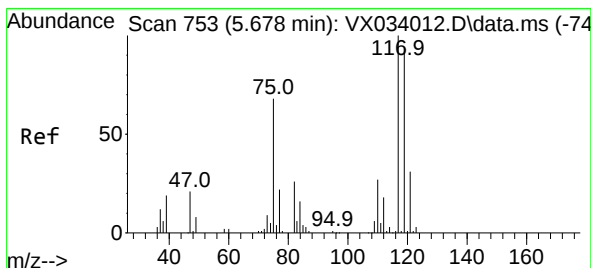
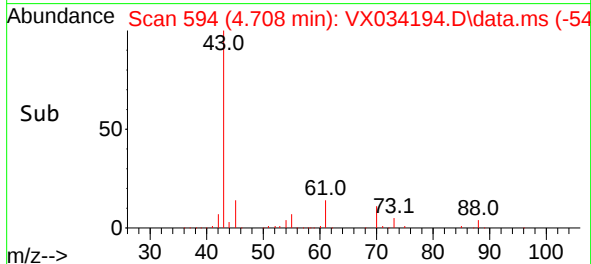
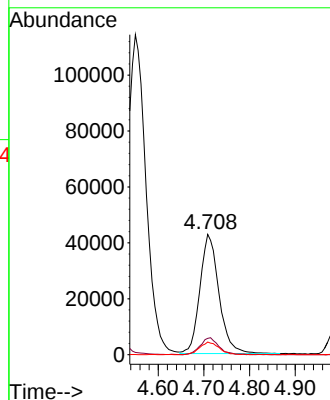
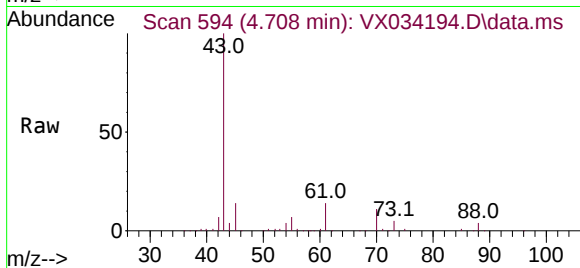
Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.1	16.7
70	10.7	8.5	12.7

Manual Integrations

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Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#38

Carbon Tetrachloride

Concen: 17.349 ug/l

RT: 5.678 min Scan# 753

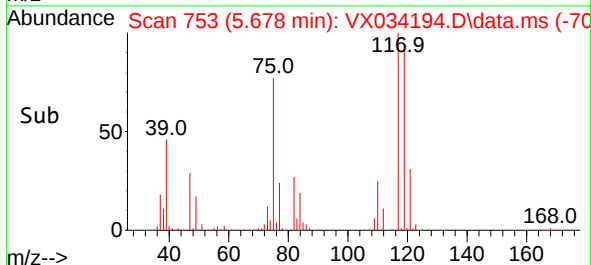
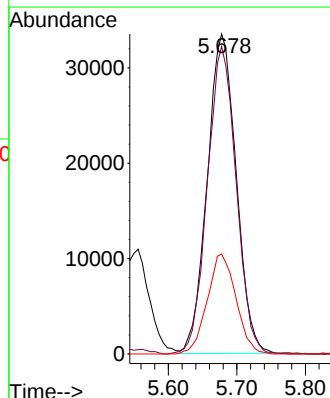
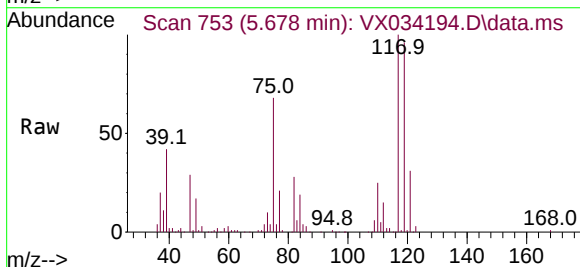
Delta R.T. 0.006 min

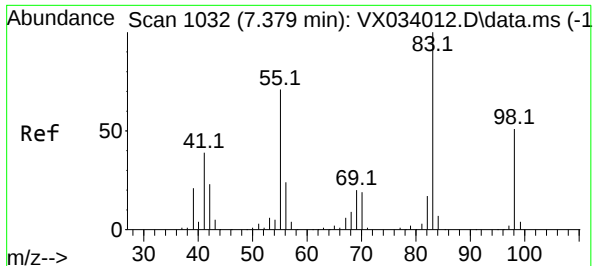
Lab File: VX034194.D

Acq: 20 Feb 2023 17:43

Tgt Ion:117 Resp: 98365

Ion	Ratio	Lower	Upper
117	100		
119	96.1	78.0	117.0
121	31.3	24.4	36.6





#39

Methylcyclohexane

Concen: 16.292 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034194.D

Acq: 20 Feb 2023 17:43

Instrument :

MSVOA_X

ClientSampleId :

VX0220MBS01

Tgt Ion: 83 Resp: 11551

Ion Ratio Lower Upper

83 100

55 75.5 61.8 92.6

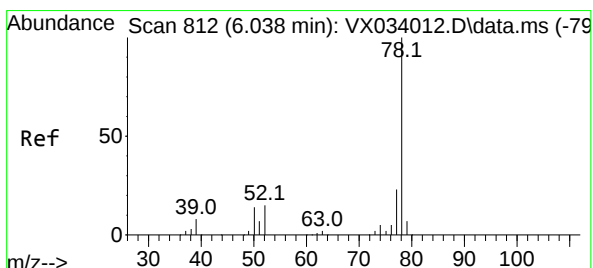
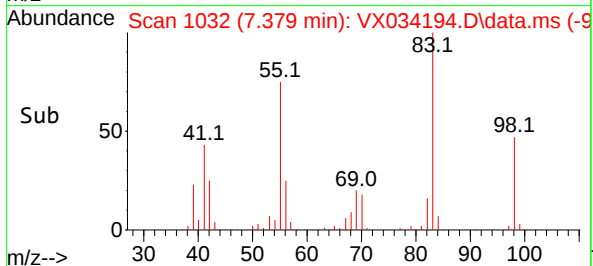
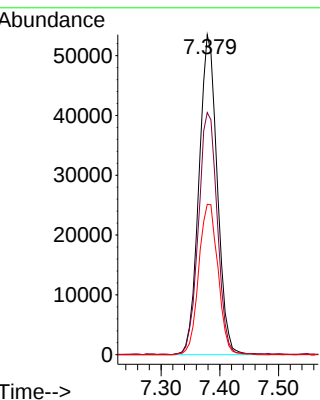
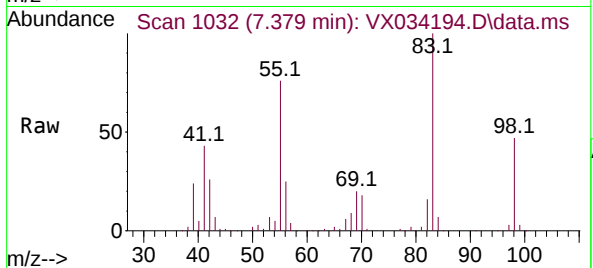
98 47.0 39.3 58.9

Manual Integrations

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Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#40

Benzene

Concen: 19.288 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX034194.D

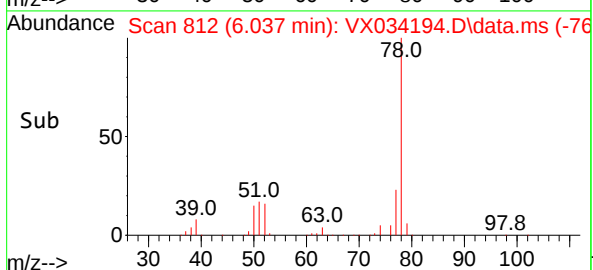
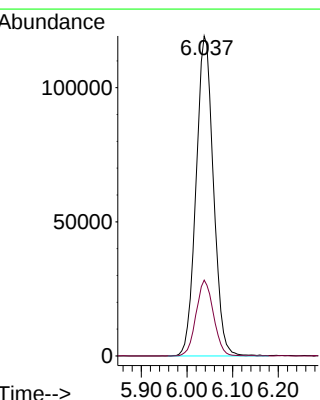
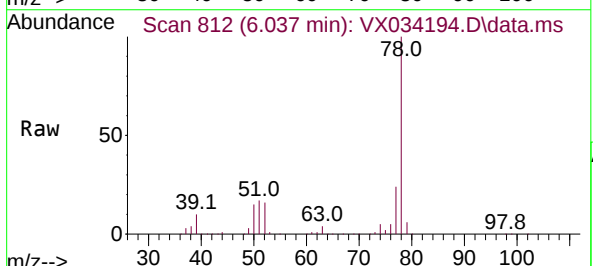
Acq: 20 Feb 2023 17:43

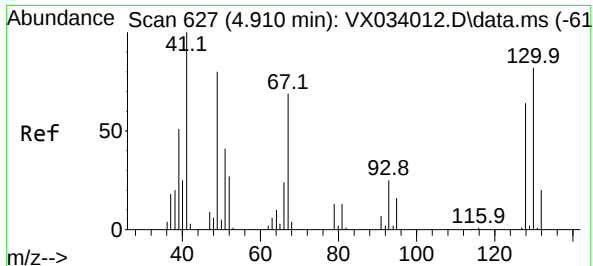
Tgt Ion: 78 Resp: 314936

Ion Ratio Lower Upper

78 100

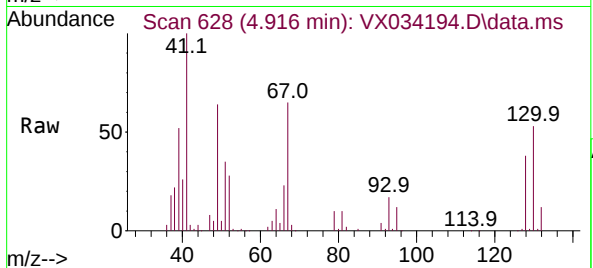
77 23.6 19.0 28.4





#41
Methacrylonitrile
Concen: 20.131 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

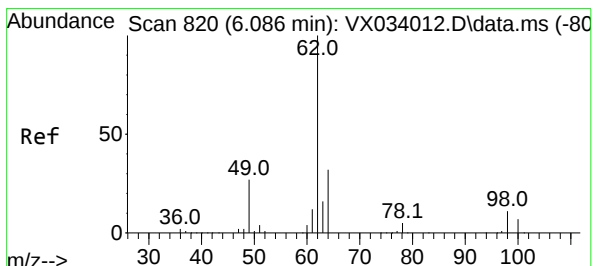
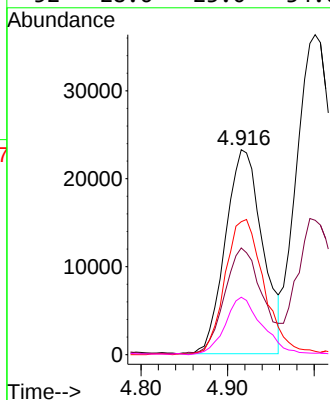
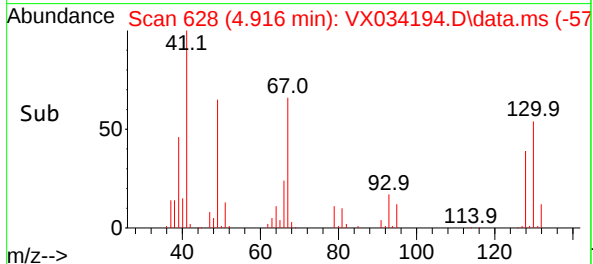
Instrument :
MSVOA_X
ClientSampleId :
VX0220MBS01



Tgt Ion: 41 Resp: 6906
Ion Ratio Lower Upper
41 100
39 54.2 43.8 65.6
67 70.1 54.8 82.2
52 28.6 23.0 34.6

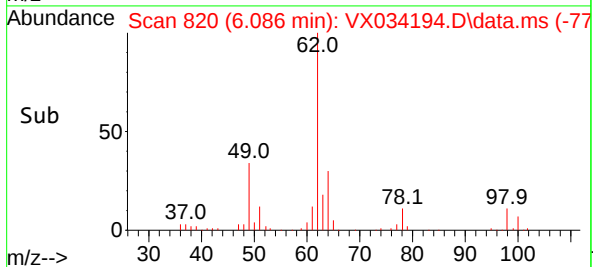
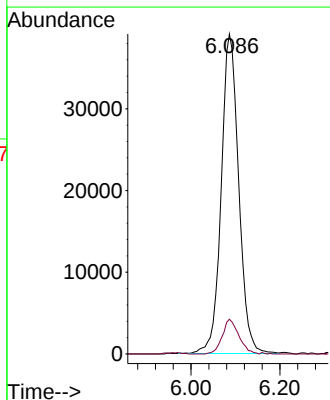
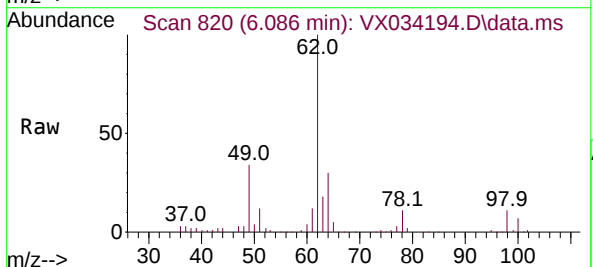
Manual Integrations
APPROVED

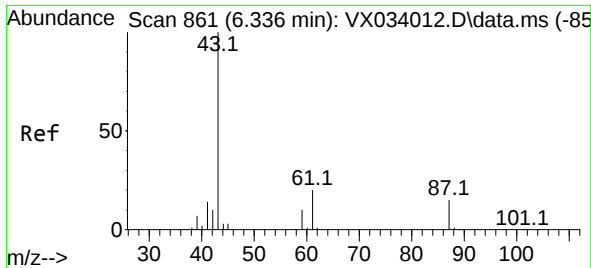
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#42
1,2-Dichloroethane
Concen: 18.508 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

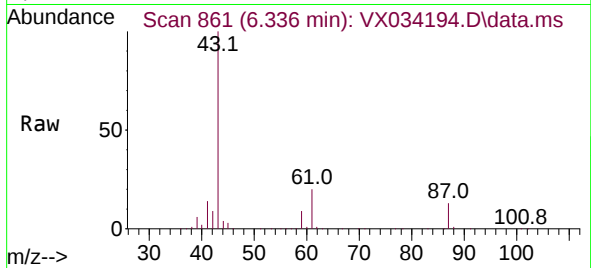
Tgt Ion: 62 Resp: 106284
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.2





#43
Isopropyl Acetate
Concen: 19.618 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

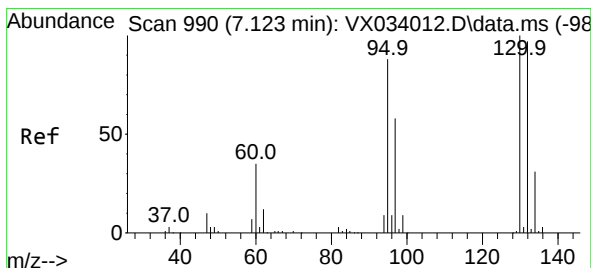
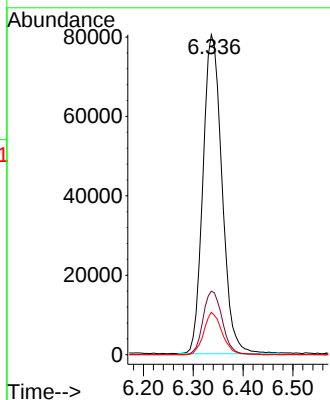
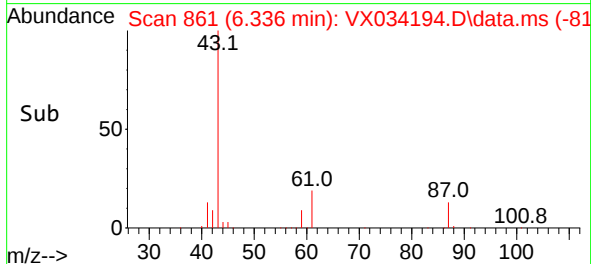
Instrument :
MSVOA_X
ClientSampleId :
VX0220MBS01



Tgt Ion: 43 Resp: 213169
Ion Ratio Lower Upper
43 100
61 20.1 15.7 23.5
87 12.8 10.6 15.8

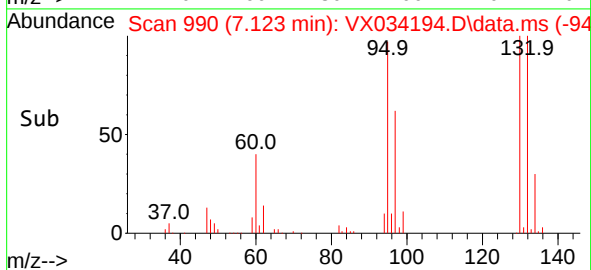
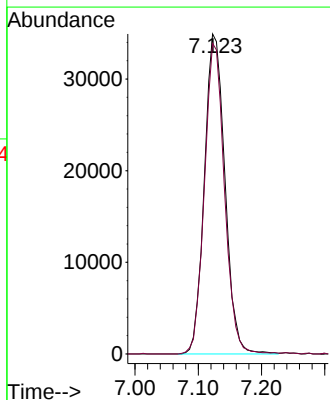
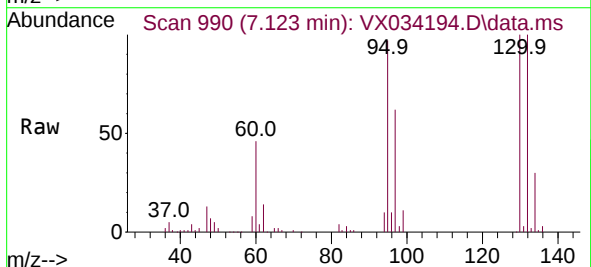
Manual Integrations
APPROVED

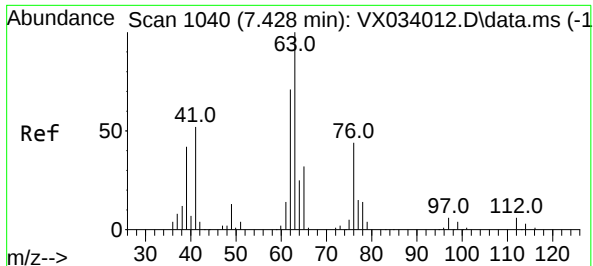
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#44
Trichloroethene
Concen: 18.799 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

Tgt Ion:130 Resp: 78769
Ion Ratio Lower Upper
130 100
95 97.0 0.0 182.6





#45

1,2-Dichloropropane

Concen: 19.592 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX034194.D

Acq: 20 Feb 2023 17:43

Instrument :

MSVOA_X

ClientSampleId :

VX0220MBS01

Tgt Ion: 63 Resp: 8516

Ion Ratio Lower Upper

63 100

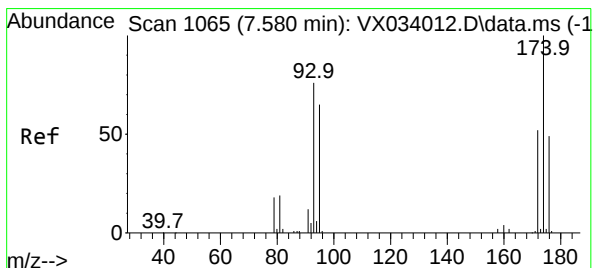
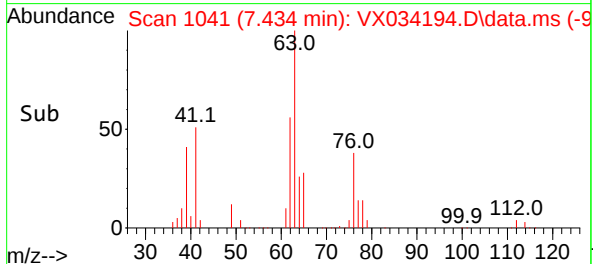
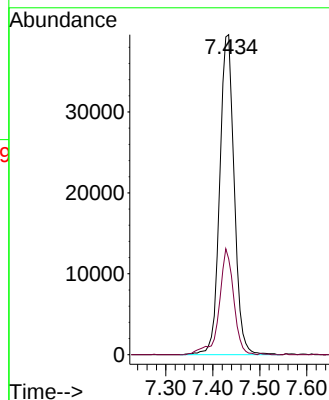
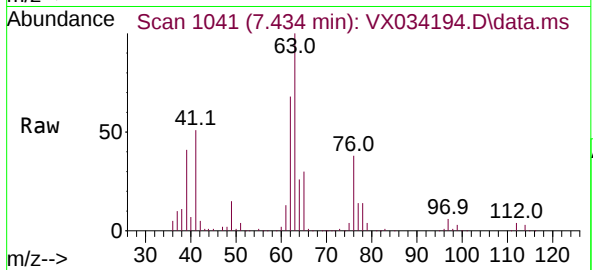
65 30.0 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#46

Dibromomethane

Concen: 19.780 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX034194.D

Acq: 20 Feb 2023 17:43

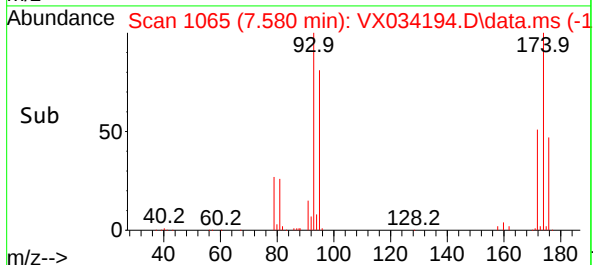
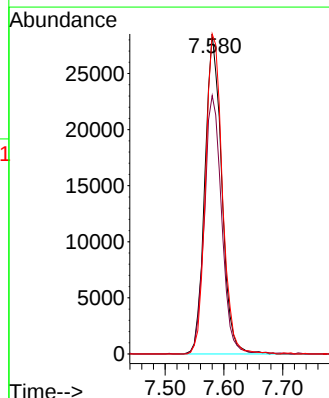
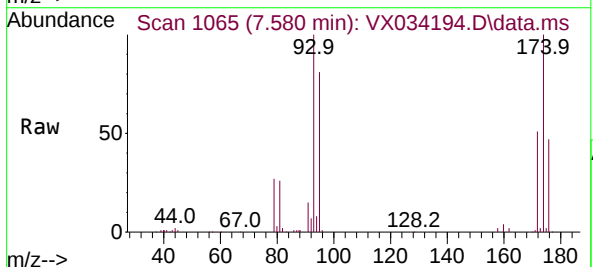
Tgt Ion: 93 Resp: 56584

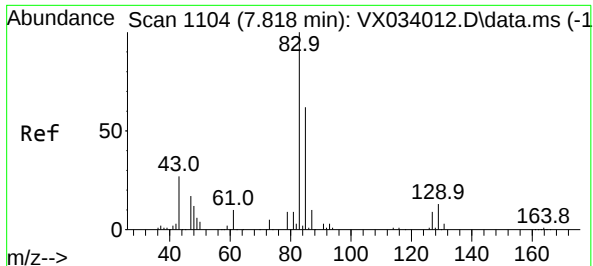
Ion Ratio Lower Upper

93 100

95 82.5 67.6 101.4

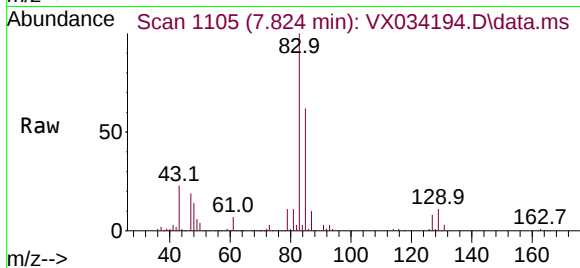
174 100.3 97.4 146.0





#47
Bromodichloromethane
Concen: 18.990 ug/l
RT: 7.824 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

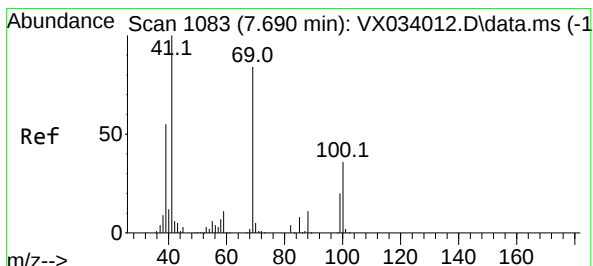
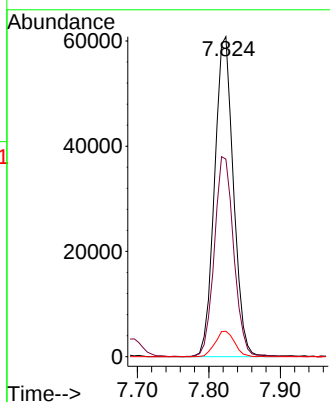
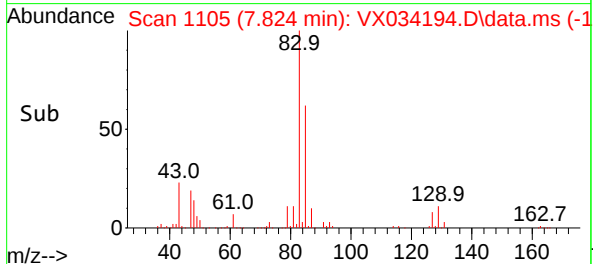
Instrument :
MSVOA_X
ClientSampleId :
VX0220MBS01



Tgt Ion: 83 Resp: 11148
Ion Ratio Lower Upper
83 100
85 61.7 49.8 74.6
127 8.0 7.0 10.4

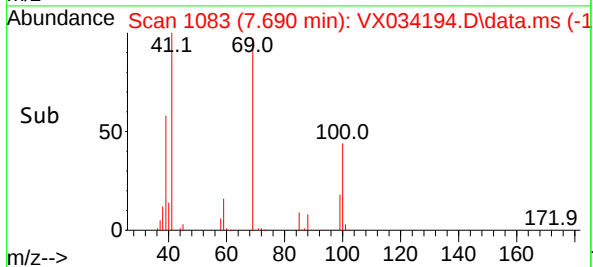
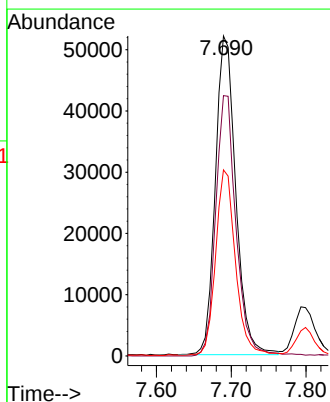
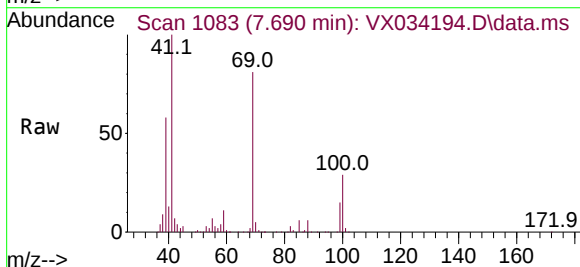
Manual Integrations
APPROVED

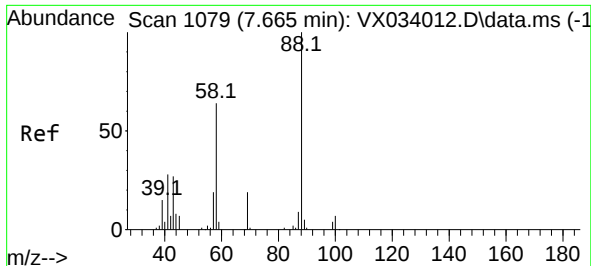
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#48
Methyl methacrylate
Concen: 19.192 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

Tgt Ion: 41 Resp: 98985
Ion Ratio Lower Upper
41 100
69 81.7 63.1 94.7
39 56.2 43.2 64.8





#49

1,4-Dioxane

Concen: 399.400 ug/l

RT: 7.659 min Scan# 1079

Delta R.T. 0.006 min

Lab File: VX034194.D

Acq: 20 Feb 2023 17:43

Instrument :

MSVOA_X

ClientSampleId :

VX0220MBS01

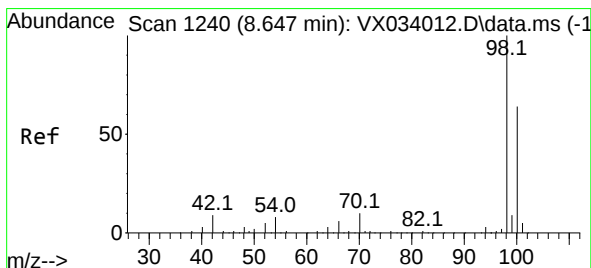
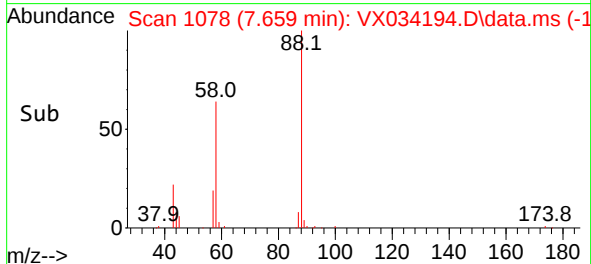
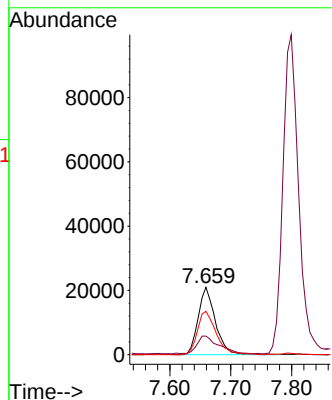
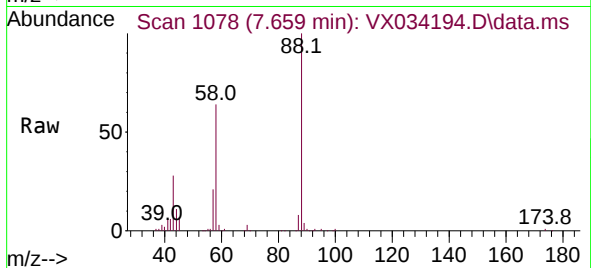
Tgt Ion: 88 Resp: 41085
 Ion Ratio Lower Upper
 88 100
 43 33.4 0.0 0.0
 58 69.7 56.5 84.7

Manual Integrations

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Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#50

Toluene-d8

Concen: 48.788 ug/l

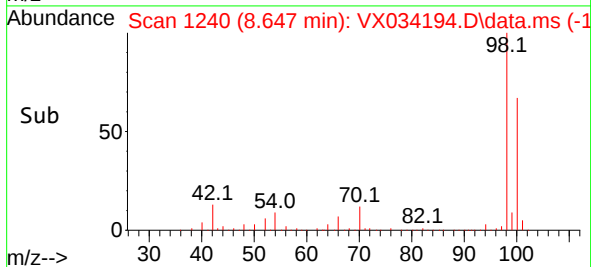
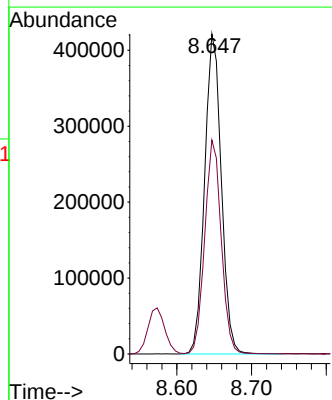
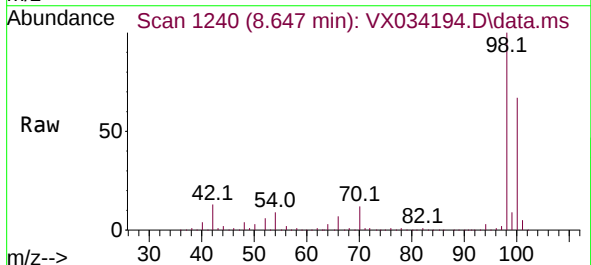
RT: 8.647 min Scan# 1240

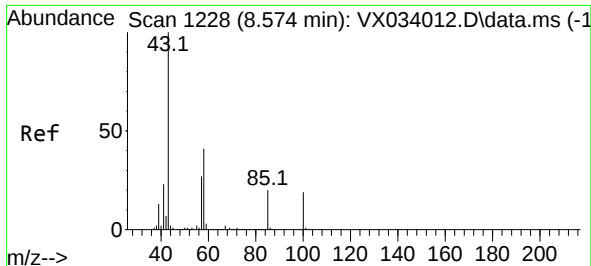
Delta R.T. 0.000 min

Lab File: VX034194.D

Acq: 20 Feb 2023 17:43

Tgt Ion: 98 Resp: 652593
 Ion Ratio Lower Upper
 98 100
 100 66.1 53.6 80.4





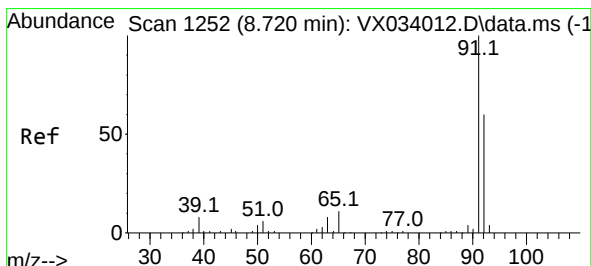
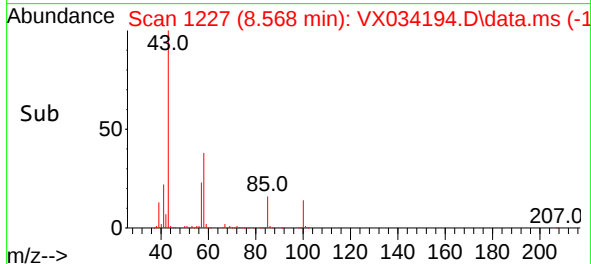
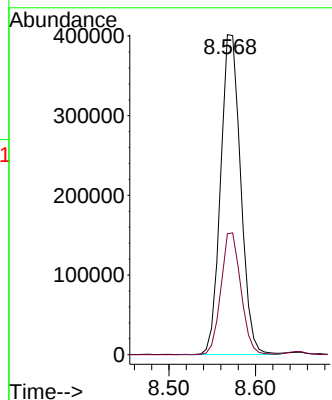
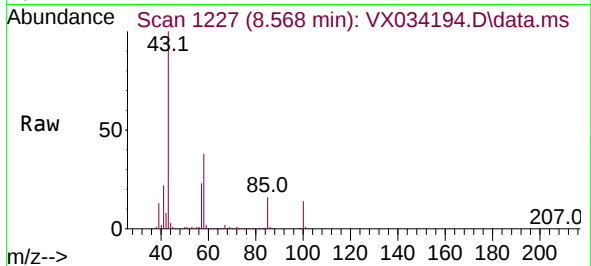
#51
4-Methyl-2-Pentanone
Concen: 108.242 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

Instrument :
MSVOA_X
ClientSampleId :
VX0220MBS01

Tgt Ion: 43 Resp: 647110
Ion Ratio Lower Upper
43 100
58 37.9 31.2 46.8

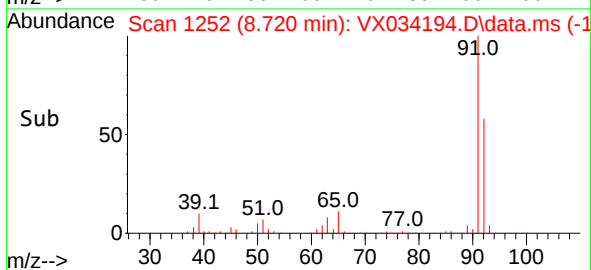
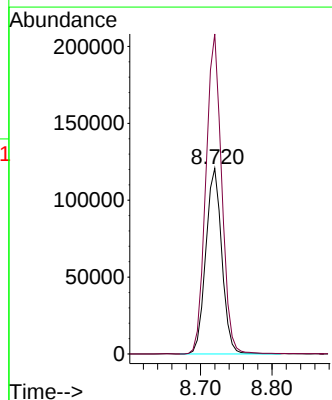
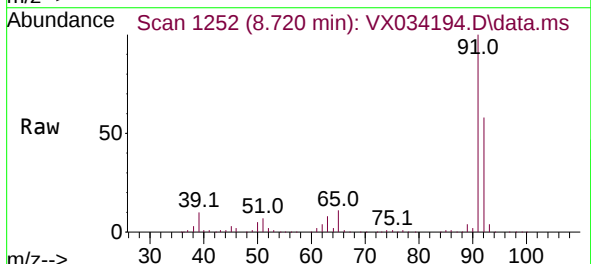
Manual Integrations
APPROVED

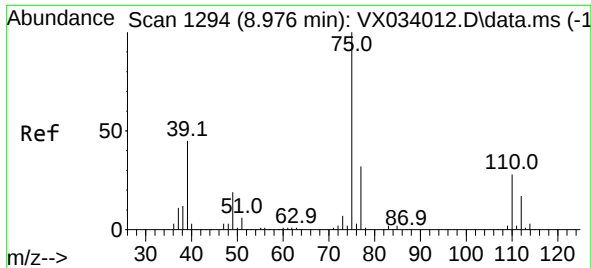
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#52
Toluene
Concen: 18.969 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

Tgt Ion: 92 Resp: 187667
Ion Ratio Lower Upper
92 100
91 171.2 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 18.207 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VX034194.D

Acq: 20 Feb 2023 17:43

Instrument :

MSVOA_X

ClientSampleId :

VX0220MBS01

Tgt Ion: 75 Resp: 12303

Ion Ratio Lower Upper

75 100

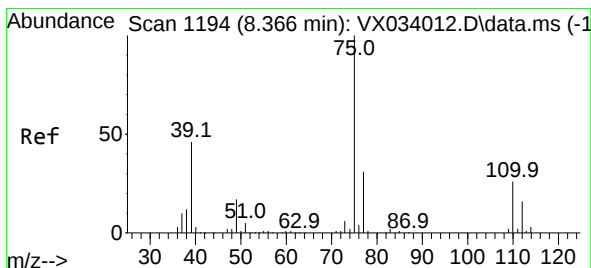
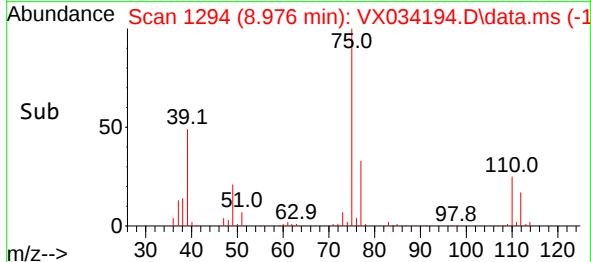
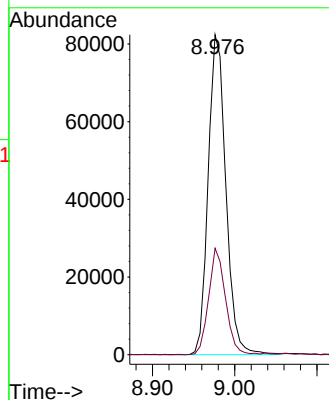
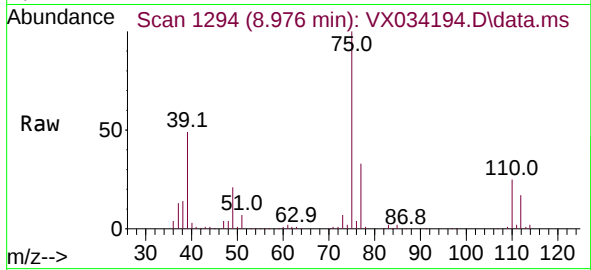
77 33.1 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#54

cis-1,3-Dichloropropene

Concen: 18.378 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034194.D

Acq: 20 Feb 2023 17:43

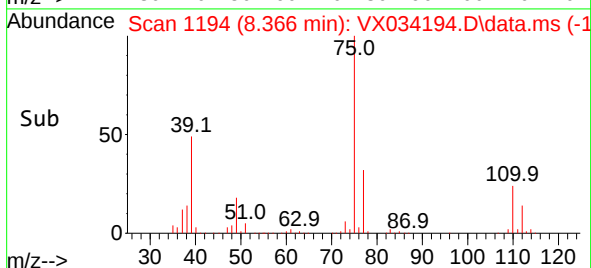
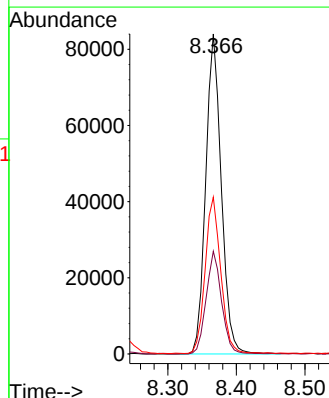
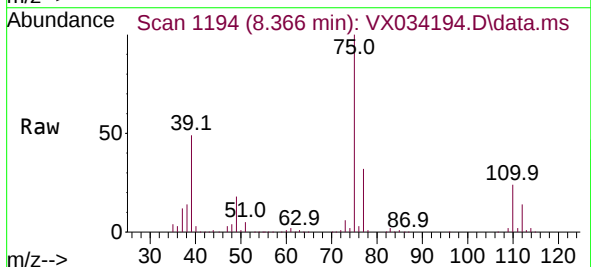
Tgt Ion: 75 Resp: 132948

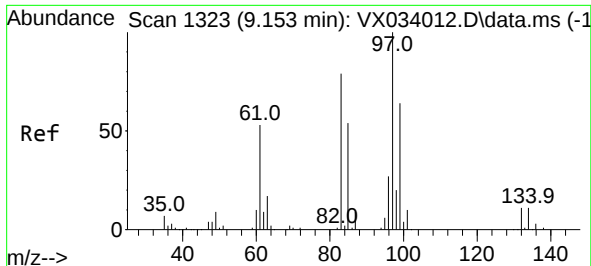
Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.6

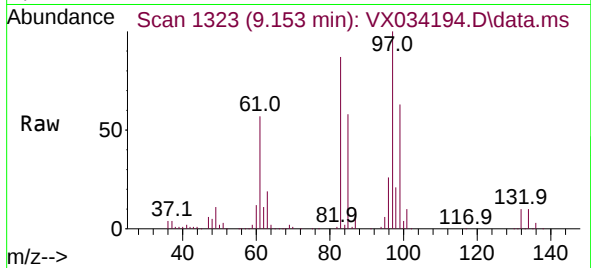
39 48.8 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 20.449 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

Instrument :
MSVOA_X
ClientSampleId :
VX0220MBS01

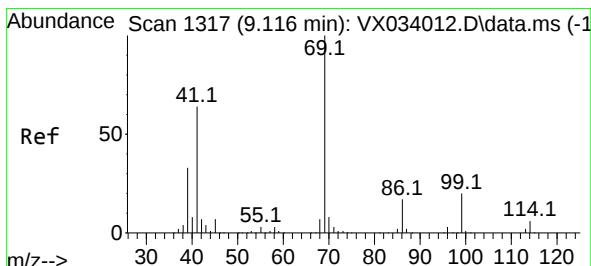
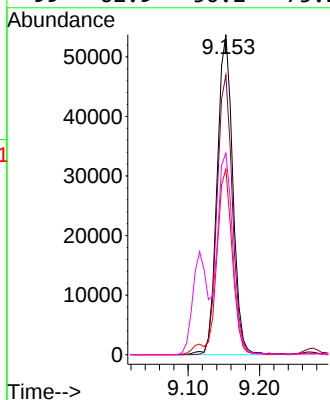
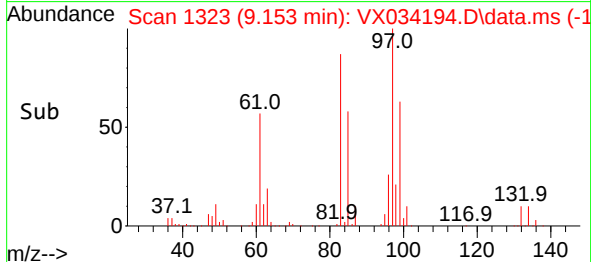


Tgt Ion: 97 Resp: 81664

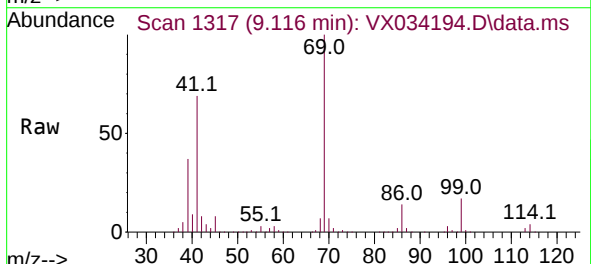
Ion	Ratio	Lower	Upper
97	100		
83	87.4	67.4	101.0
85	58.0	43.2	64.8
99	62.9	50.2	75.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

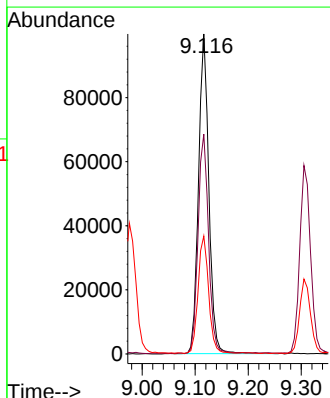
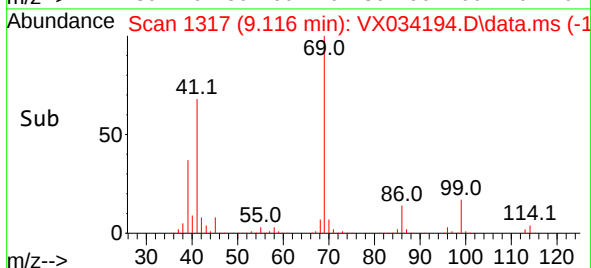


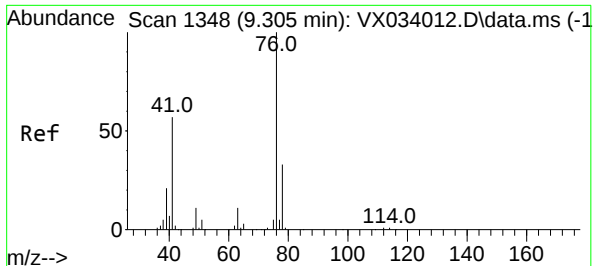
#56
Ethyl methacrylate
Concen: 20.022 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43



Tgt Ion: 69 Resp: 135259

Ion	Ratio	Lower	Upper
69	100		
41	70.1	55.1	82.7
39	37.5	28.5	42.7





#57

1,3-Dichloropropane

Concen: 19.995 ug/l

RT: 9.305 min Scan# 1348

Delta R.T. 0.000 min

Lab File: VX034194.D

Acq: 20 Feb 2023 17:43

Instrument :

MSVOA_X

ClientSampleId :

VX0220MBS01

Tgt Ion: 76 Resp: 138929

Ion Ratio Lower Upper

76 100

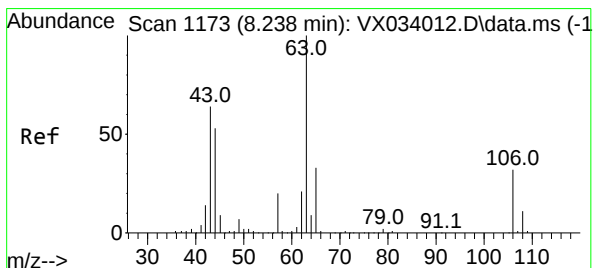
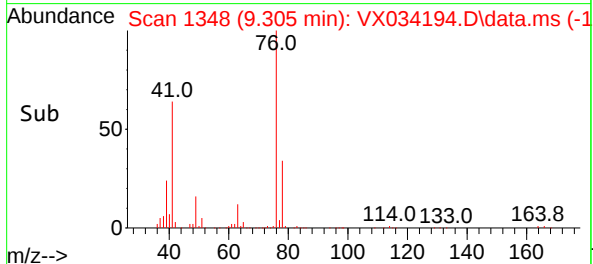
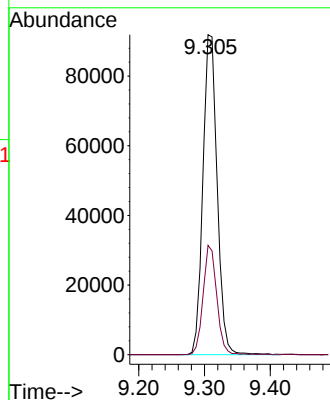
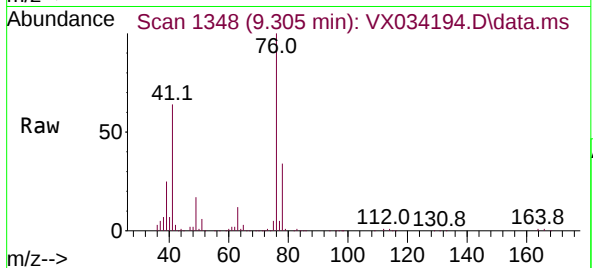
78 32.7 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#58

2-Chloroethyl Vinyl ether

Concen: 105.780 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034194.D

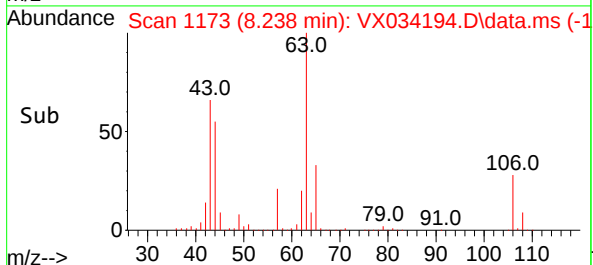
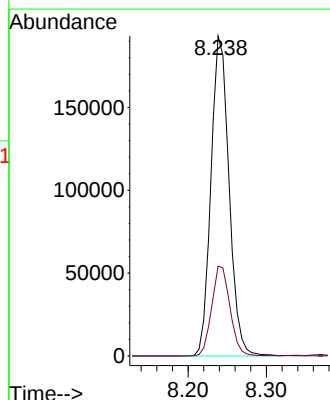
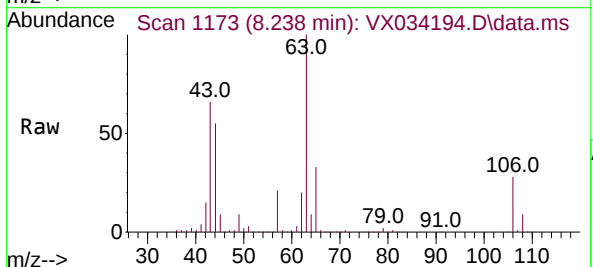
Acq: 20 Feb 2023 17:43

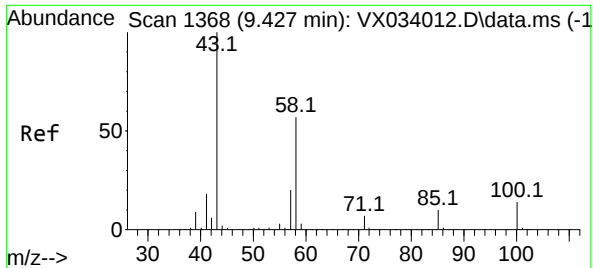
Tgt Ion: 63 Resp: 309561

Ion Ratio Lower Upper

63 100

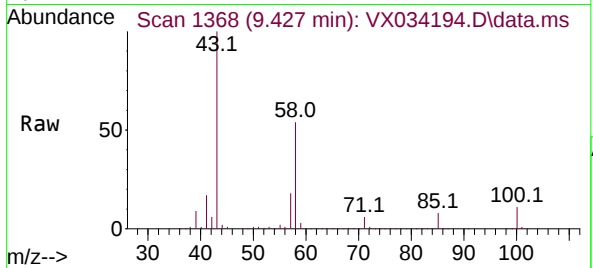
106 28.4 24.5 36.7





#59
2-Hexanone
Concen: 106.039 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

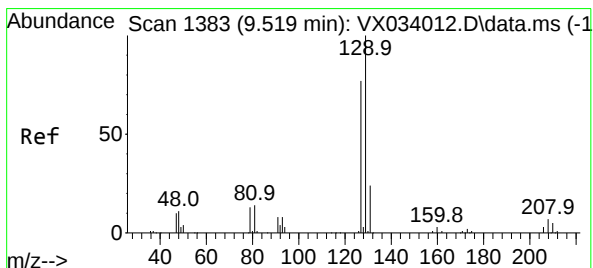
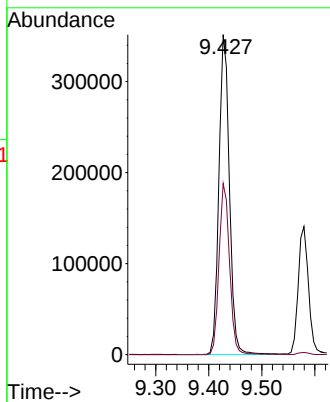
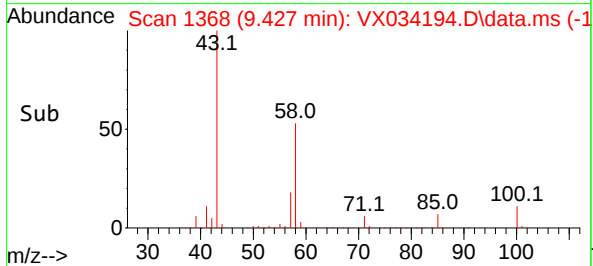
Instrument :
MSVOA_X
ClientSampleId :
VX0220MBS01



Tgt Ion: 43 Resp: 483132
Ion Ratio Lower Upper
43 100
58 53.8 27.4 82.0

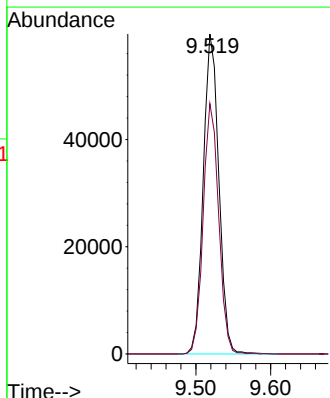
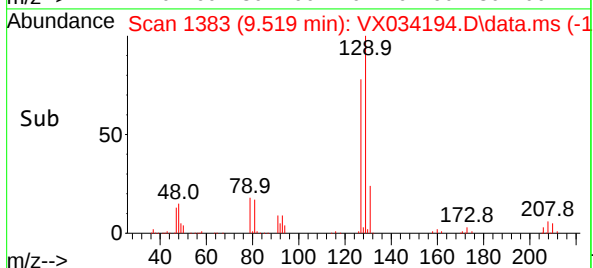
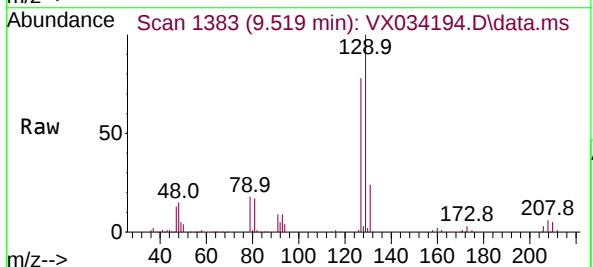
Manual Integrations
APPROVED

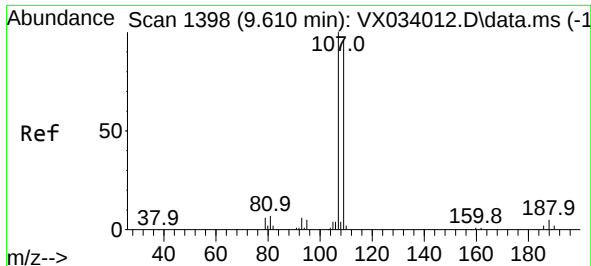
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#60
Dibromochloromethane
Concen: 19.522 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

Tgt Ion:129 Resp: 86140
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.3





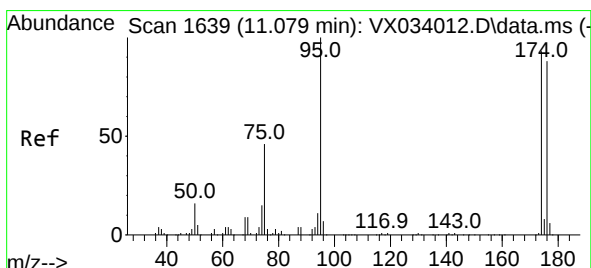
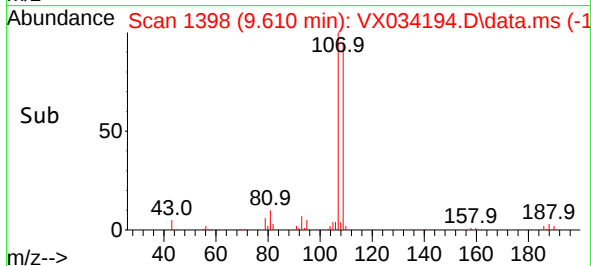
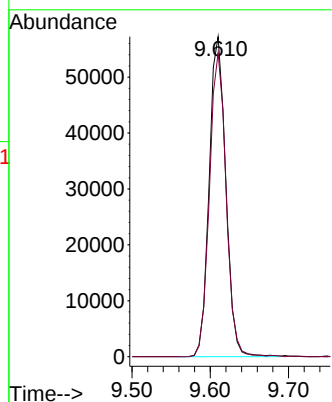
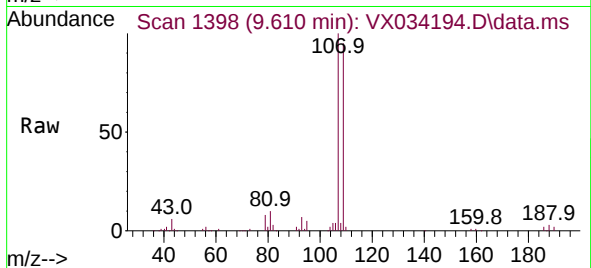
#61
1,2-Dibromoethane
Concen: 19.937 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

Instrument :
MSVOA_X
ClientSampleId :
VX0220MBS01

Tgt Ion:107 Resp: 8420
Ion Ratio Lower Upper
107 100
109 94.9 74.2 111.2

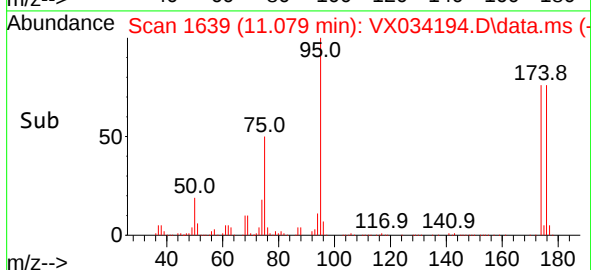
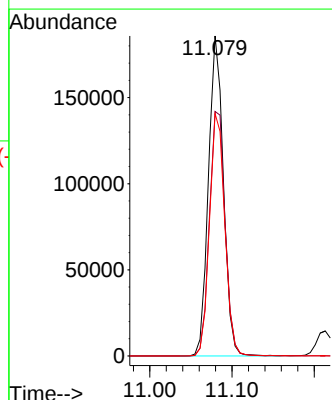
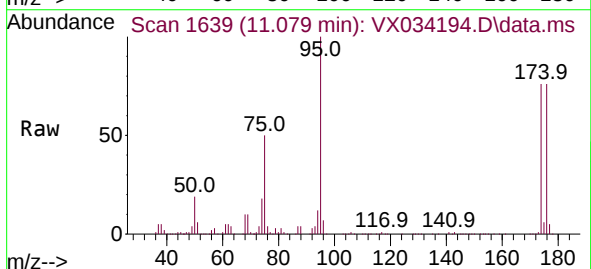
Manual Integrations
APPROVED

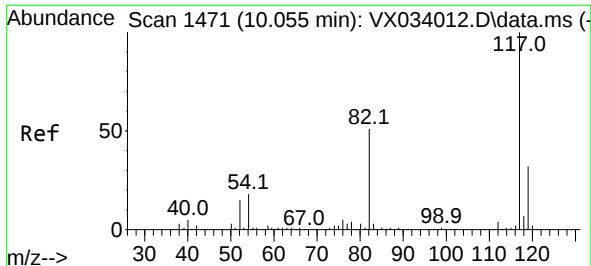
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#62
4-Bromofluorobenzene
Concen: 45.831 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

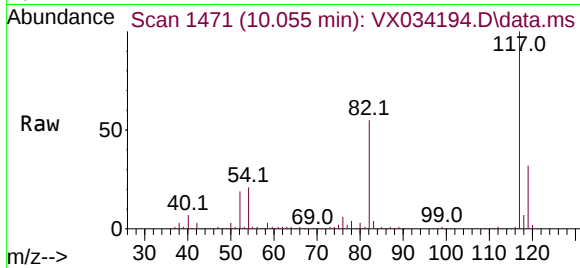
Tgt Ion: 95 Resp: 234491
Ion Ratio Lower Upper
95 100
174 80.5 0.0 184.4
176 77.6 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

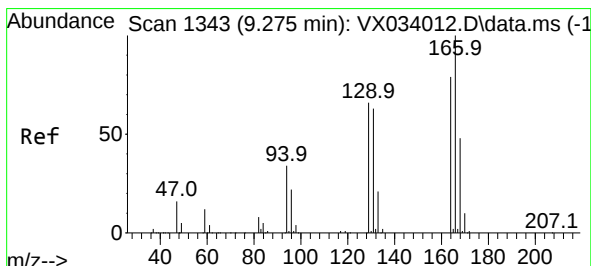
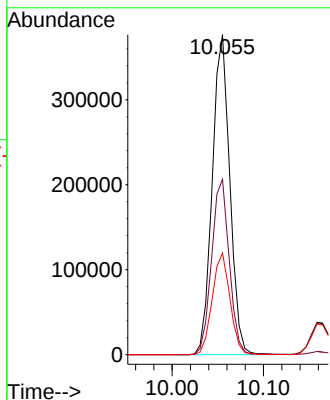
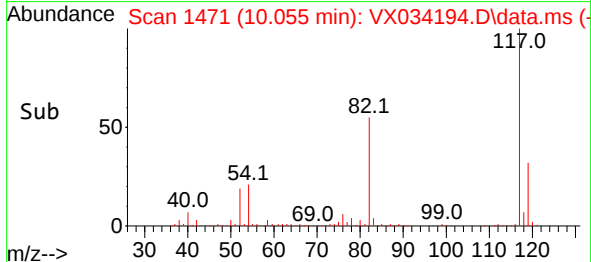
Instrument :
MSVOA_X
ClientSampleId :
VX0220MBS01



Tgt Ion:117 Resp: 50184
Ion Ratio Lower Upper
117 100
82 54.8 40.6 60.8
119 31.8 25.6 38.4

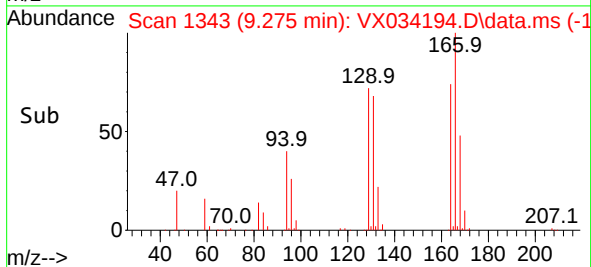
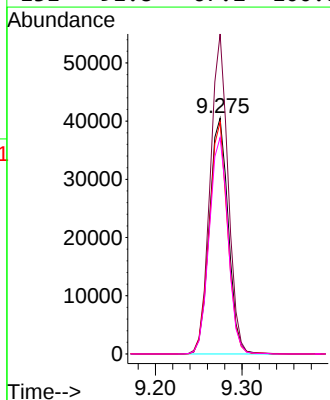
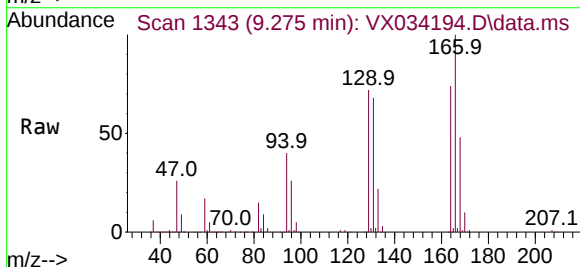
Manual Integrations
APPROVED

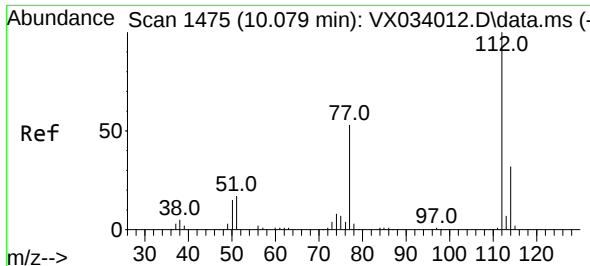
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#64
Tetrachloroethene
Concen: 17.276 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

Tgt Ion:164 Resp: 61190
Ion Ratio Lower Upper
164 100
166 135.7 100.2 150.2
129 98.3 69.2 103.8
131 91.8 67.2 100.8





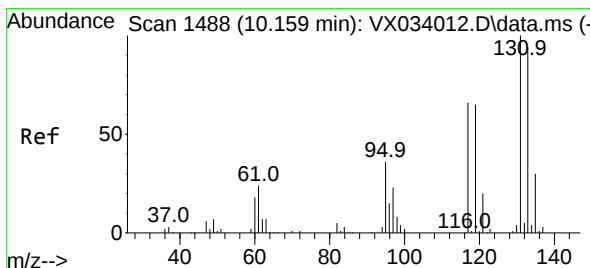
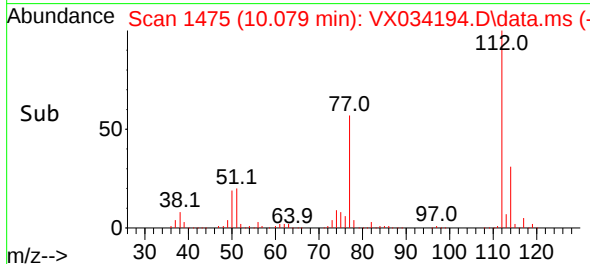
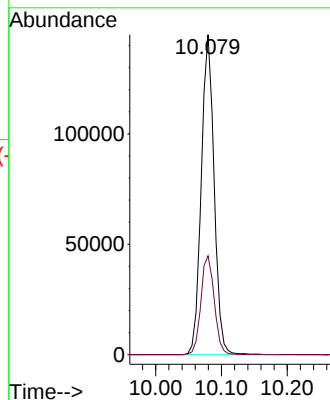
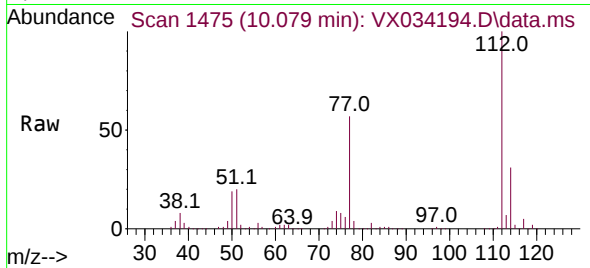
#65
Chlorobenzene
Concen: 18.862 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

Instrument :
MSVOA_X
ClientSampleId :
VX0220MBS01

Tgt Ion:112 Resp: 197314
Ion Ratio Lower Upper
112 100
114 30.9 26.2 39.4

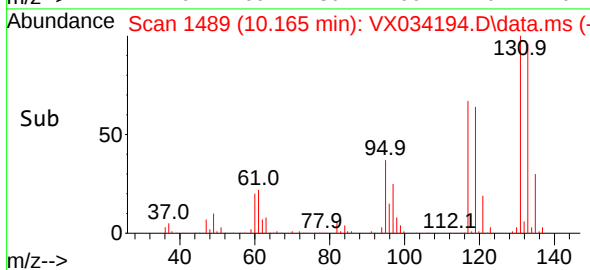
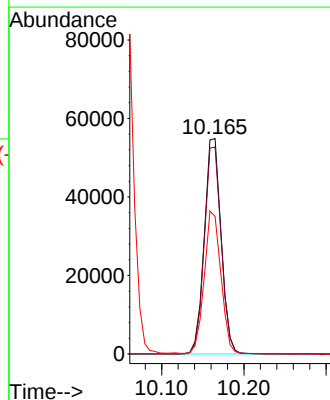
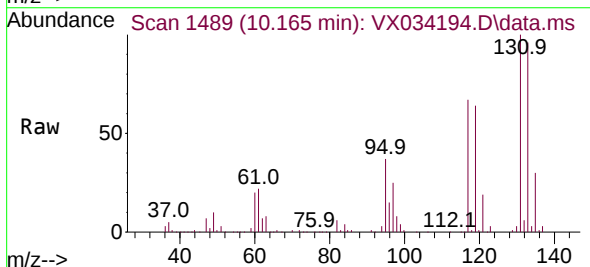
Manual Integrations
APPROVED

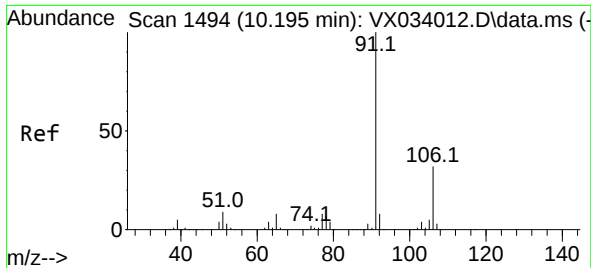
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.311 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

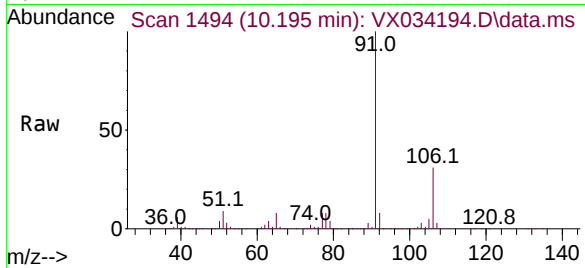
Tgt Ion:131 Resp: 78201
Ion Ratio Lower Upper
131 100
133 95.9 48.4 145.0
119 66.0 31.9 95.7





#67
Ethyl Benzene
Concen: 18.405 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

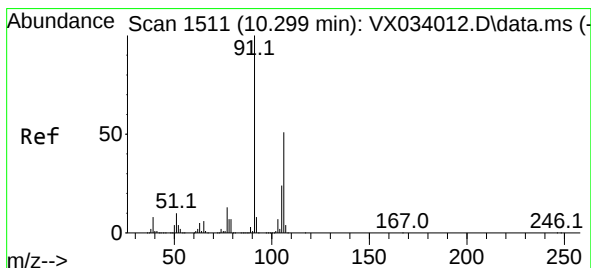
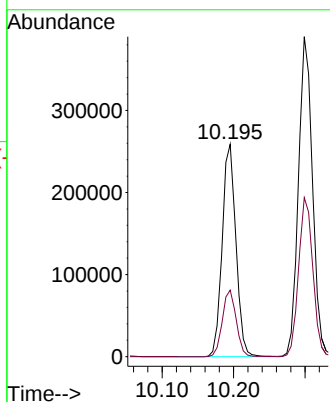
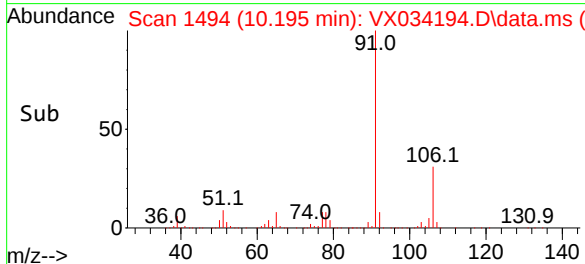
Instrument :
MSVOA_X
ClientSampleId :
VX0220MBS01



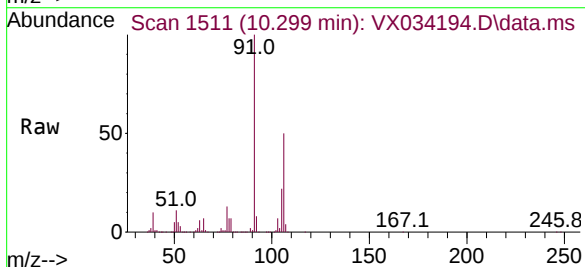
Tgt Ion: 91 Resp: 345902
Ion Ratio Lower Upper
91 100
106 31.3 25.8 38.8

Manual Integrations
APPROVED

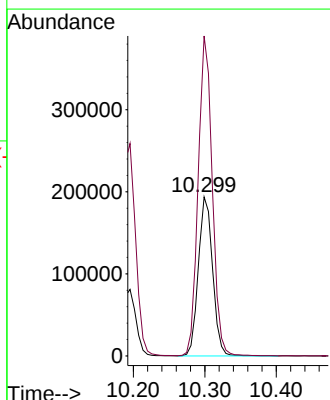
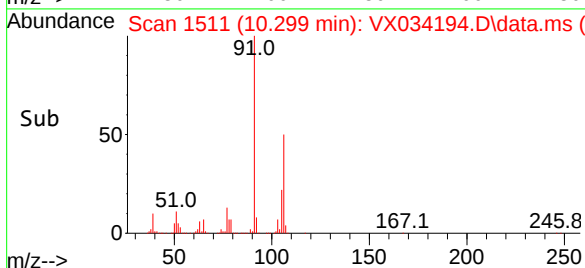
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

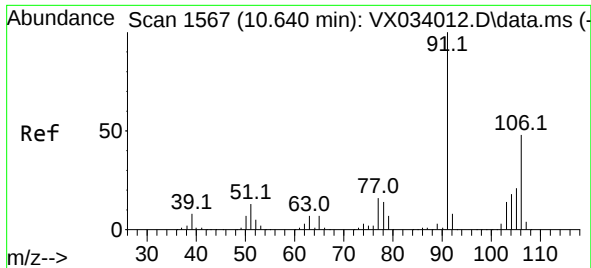


#68
m/p-Xylenes
Concen: 37.311 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43



Tgt Ion:106 Resp: 268342
Ion Ratio Lower Upper
106 100
91 198.7 156.4 234.6





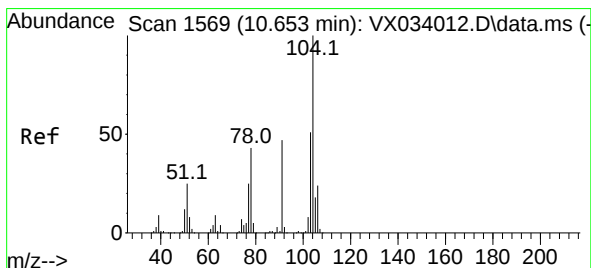
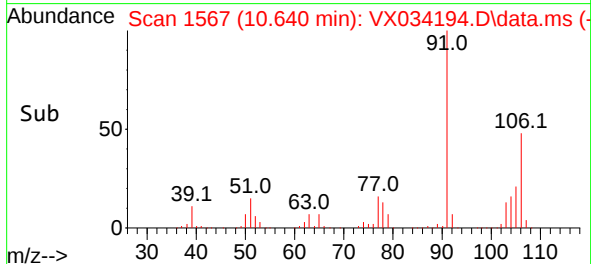
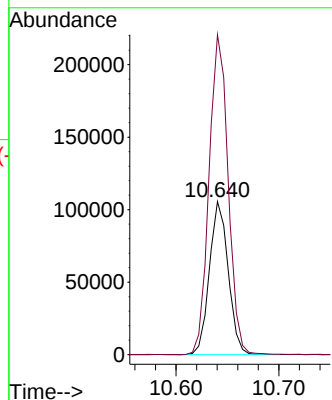
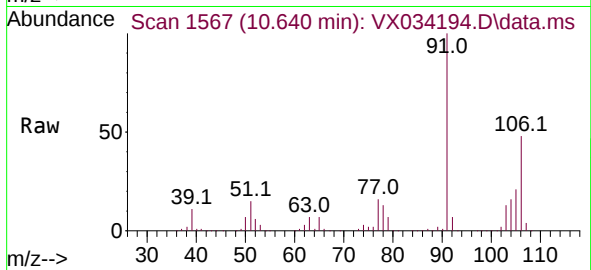
#69
o-Xylene
Concen: 18.763 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

Instrument :
MSVOA_X
ClientSampleId :
VX0220MBS01

Tgt Ion:106 Resp: 134340
Ion Ratio Lower Upper
106 100
91 212.0 103.1 309.3

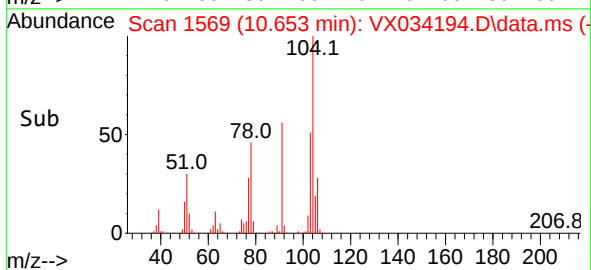
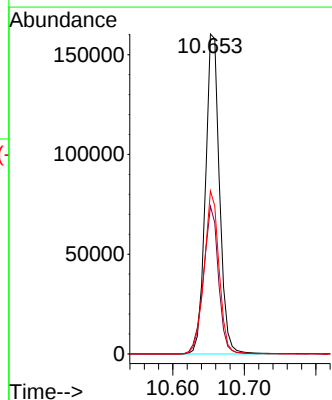
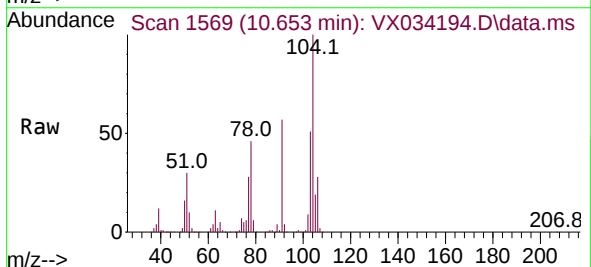
Manual Integrations
APPROVED

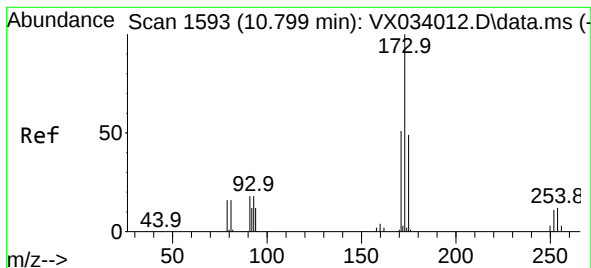
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#70
Styrene
Concen: 18.881 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

Tgt Ion:104 Resp: 219862
Ion Ratio Lower Upper
104 100
78 49.1 37.5 56.3
103 53.9 43.3 64.9





#71

Bromoform

Concen: 19.294 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX034194.D

Acq: 20 Feb 2023 17:43

Instrument :

MSVOA_X

ClientSampleId :

VX0220MBS01

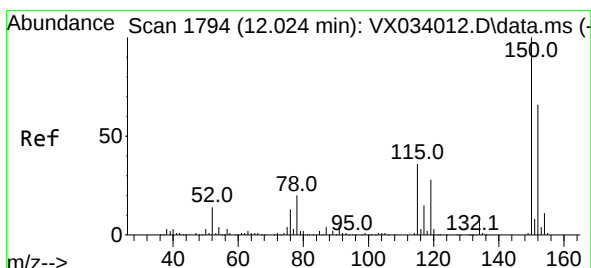
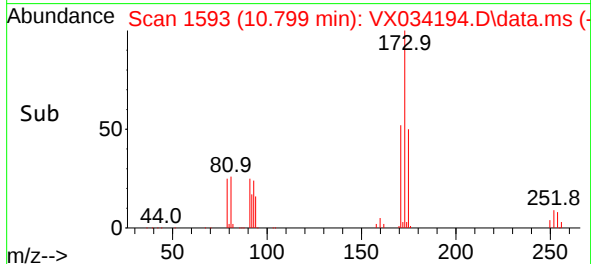
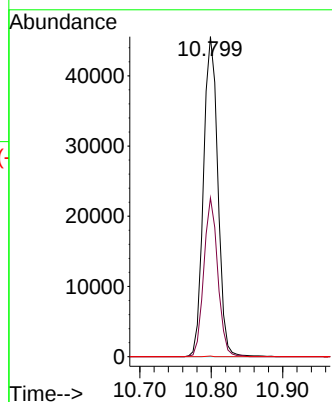
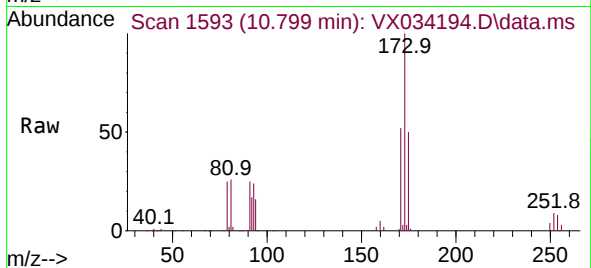
Tgt Ion:173	Resp:	6377
Ion Ratio	Lower	Upper
173	100	
175	48.1	24.1 72.3
254	0.1	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

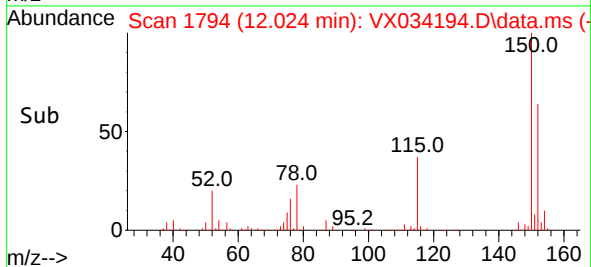
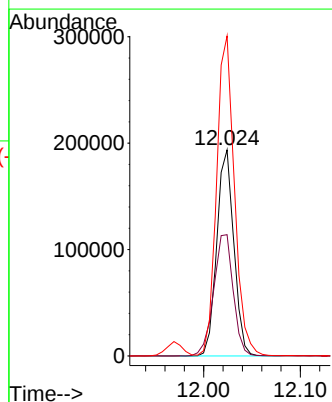
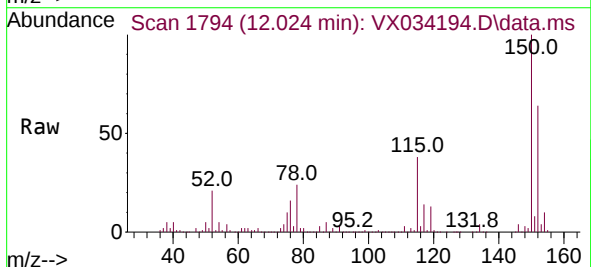
RT: 12.024 min Scan# 1794

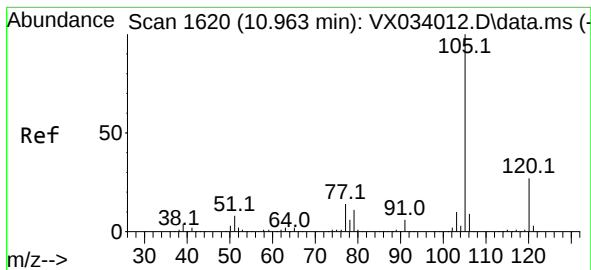
Delta R.T. 0.000 min

Lab File: VX034194.D

Acq: 20 Feb 2023 17:43

Tgt Ion:152	Resp:	237276
Ion Ratio	Lower	Upper
152	100	
115	67.6	38.7 116.1
150	162.4	0.0 348.2





#73

Isopropylbenzene

Concen: 18.465 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034194.D

Acq: 20 Feb 2023 17:43

Instrument :

MSVOA_X

ClientSampleId :

VX0220MBS01

Tgt Ion:105 Resp: 333912

Ion Ratio Lower Upper

105 100

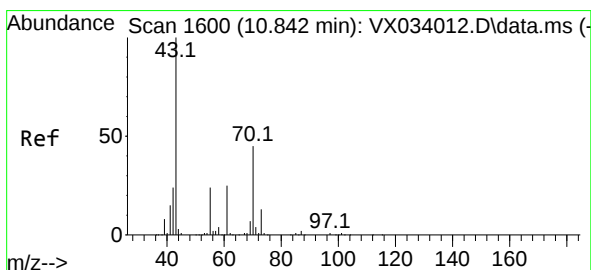
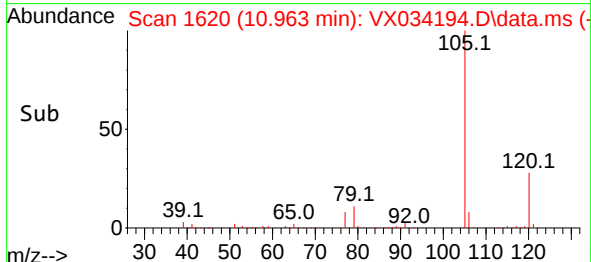
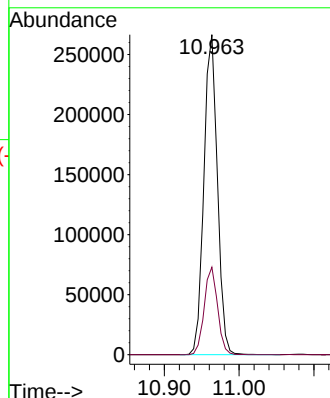
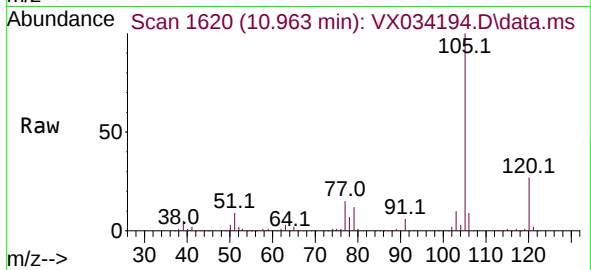
120 27.0 13.6 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#74

N-ethyl acetate

Concen: 20.786 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX034194.D

Acq: 20 Feb 2023 17:43

Tgt Ion: 43 Resp: 188838

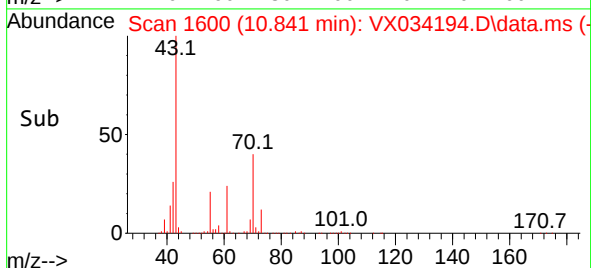
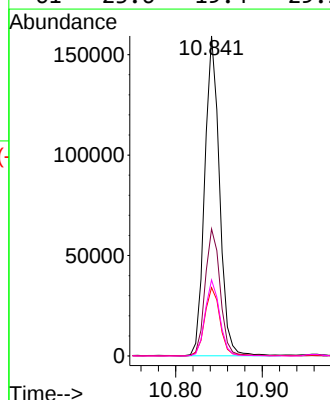
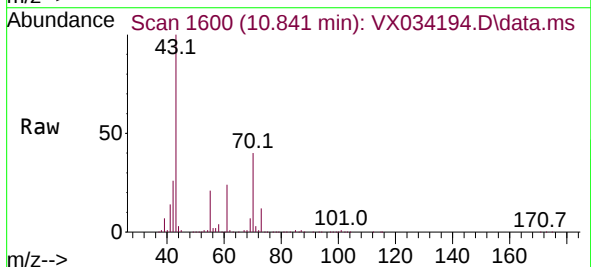
Ion Ratio Lower Upper

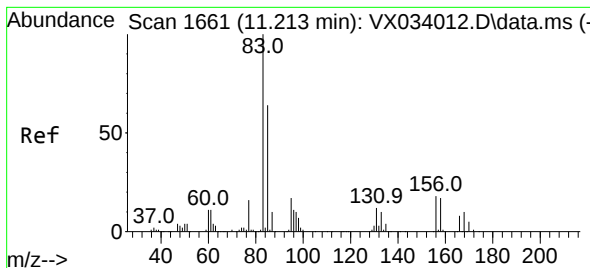
43 100

70 40.4 34.8 52.2

55 21.8 19.4 29.0

61 23.6 19.4 29.2





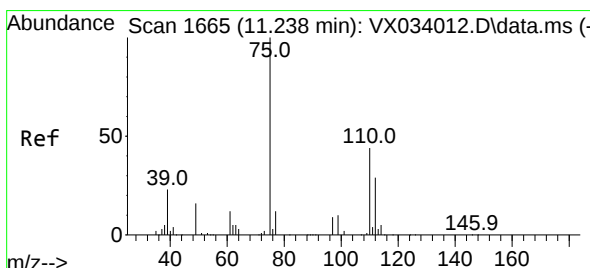
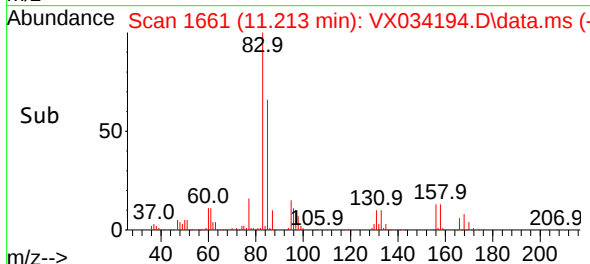
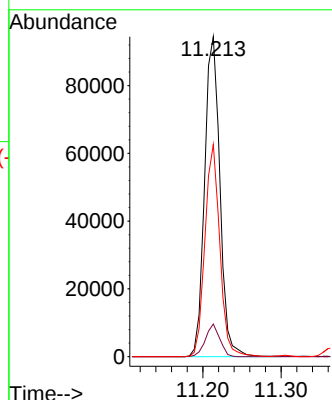
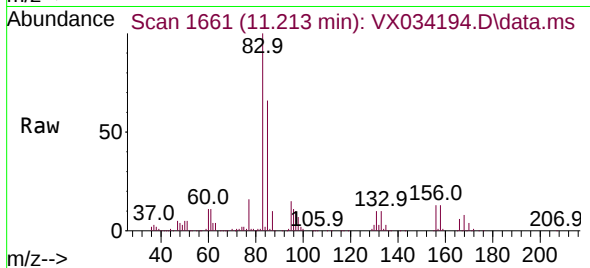
#75
1,1,2,2-Tetrachloroethane
Concen: 20.696 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

Instrument :
MSVOA_X
ClientSampleId :
VX0220MBS01

Tgt Ion: 83 Resp: 12800
Ion Ratio Lower Upper
83 100
131 9.5 5.5 16.7
85 64.5 32.3 96.9

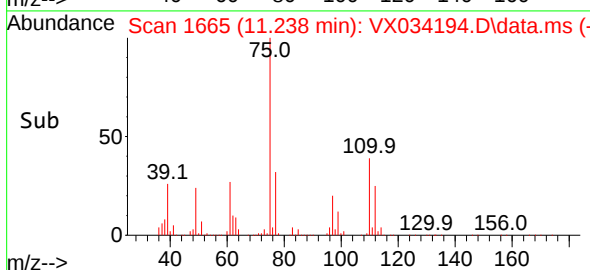
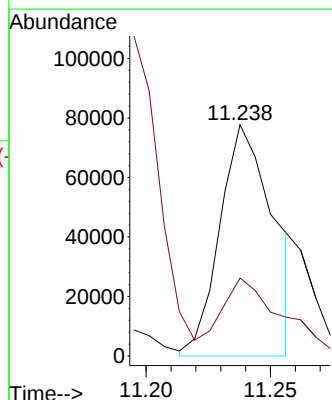
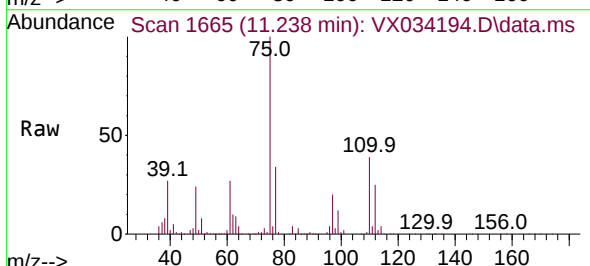
Manual Integrations
APPROVED

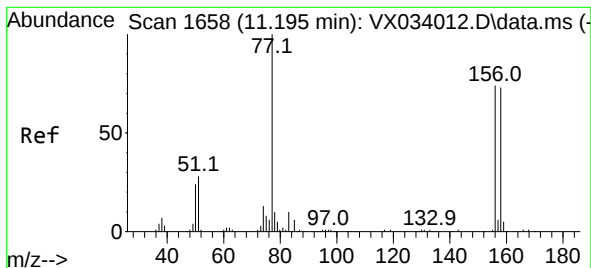
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#76
1,2,3-Trichloropropane
Concen: 19.415 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

Tgt Ion: 75 Resp: 115918
Ion Ratio Lower Upper
75 100
77 38.6 21.8 65.4





#77

Bromobenzene

Concen: 19.318 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX034194.D

Acq: 20 Feb 2023 17:43

Instrument :

MSVOA_X

ClientSampleId :

VX0220MBS01

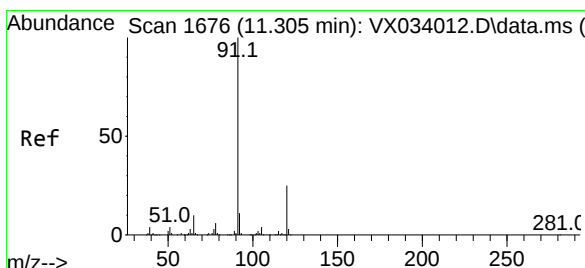
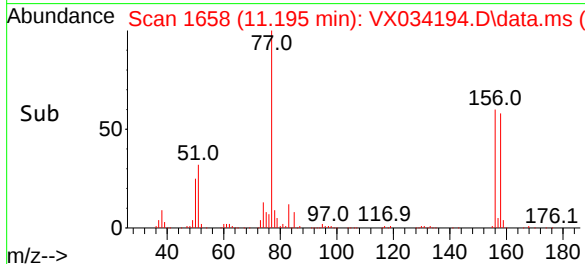
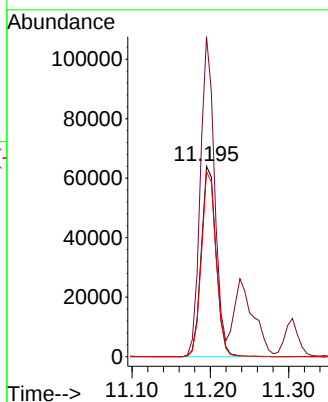
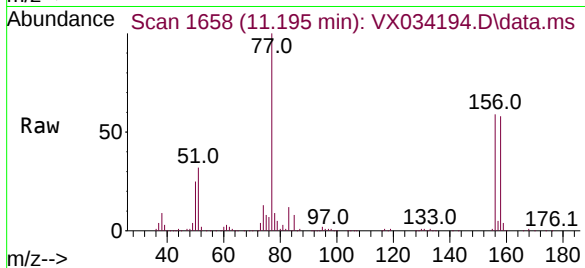
Tgt Ion:	156	Resp:	8406
Ion Ratio	Lower	Upper	
156	100		
77	160.5	68.1	204.3
158	96.2	48.0	144.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#78

n-propylbenzene

Concen: 17.971 ug/l

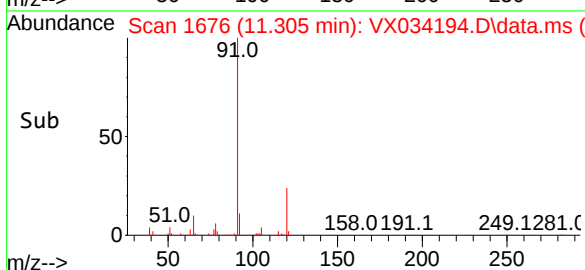
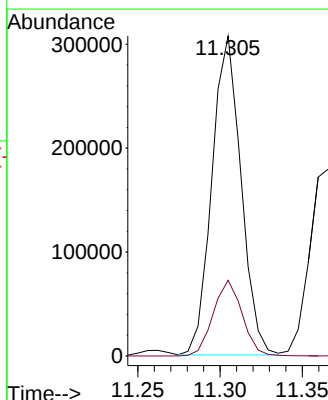
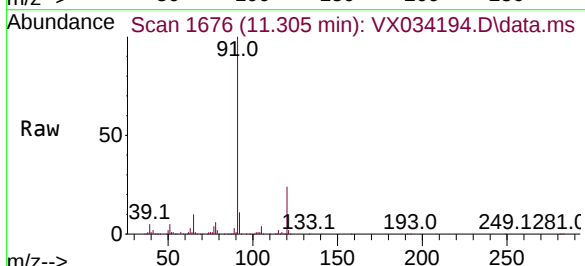
RT: 11.305 min Scan# 1676

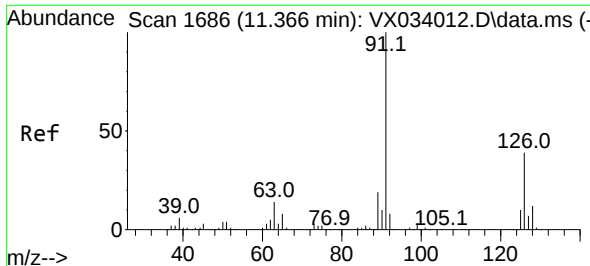
Delta R.T. 0.000 min

Lab File: VX034194.D

Acq: 20 Feb 2023 17:43

Tgt Ion:	91	Resp:	377945
Ion Ratio	Lower	Upper	
91	100		
120	23.6	12.3	36.8





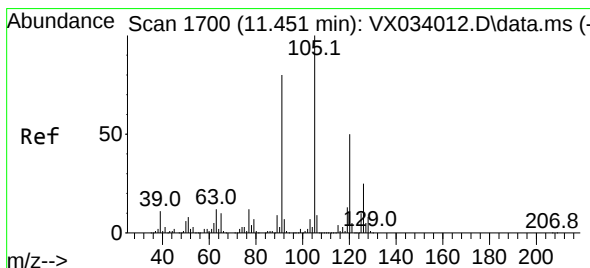
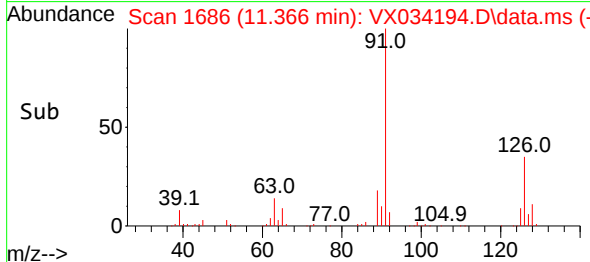
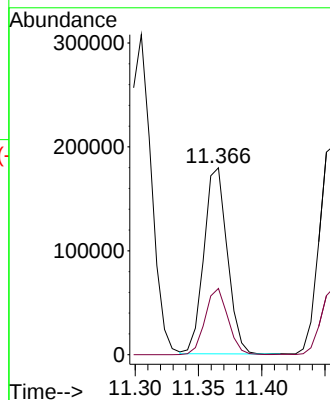
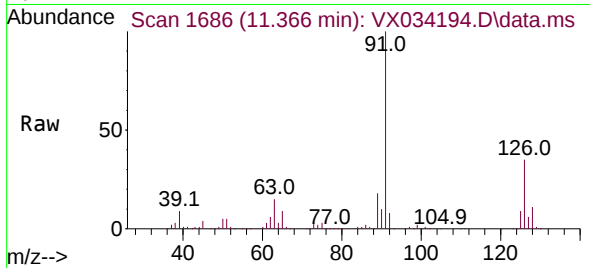
#79
2-Chlorotoluene
Concen: 17.908 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

Instrument :
MSVOA_X
ClientSampleId :
VX0220MBS01

Tgt Ion: 91 Resp: 23094
Ion Ratio Lower Upper
91 100
126 34.8 18.1 54.1

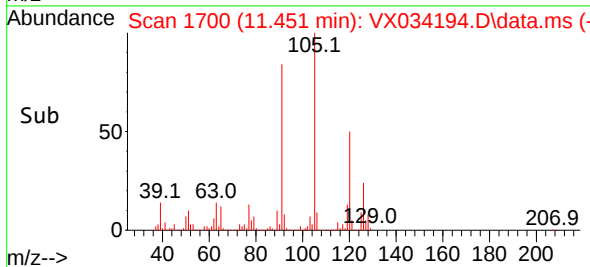
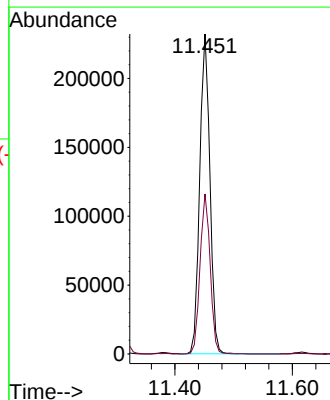
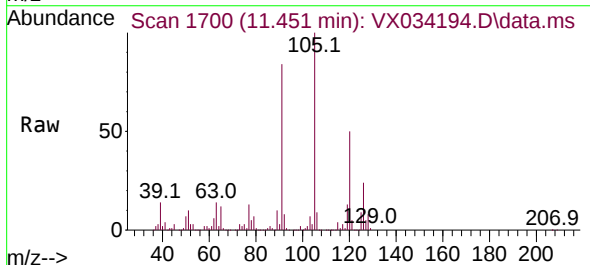
Manual Integrations
APPROVED

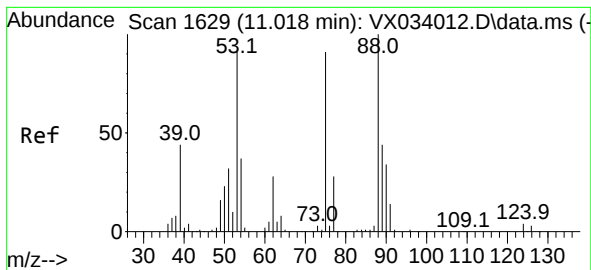
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.291 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

Tgt Ion:105 Resp: 278098
Ion Ratio Lower Upper
105 100
120 49.9 25.6 76.8





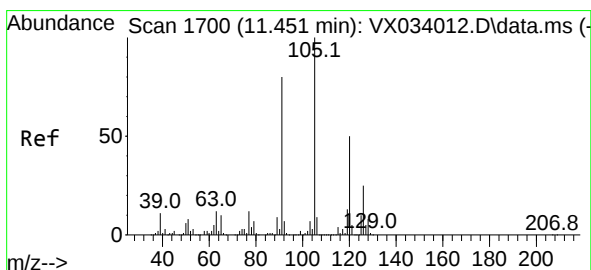
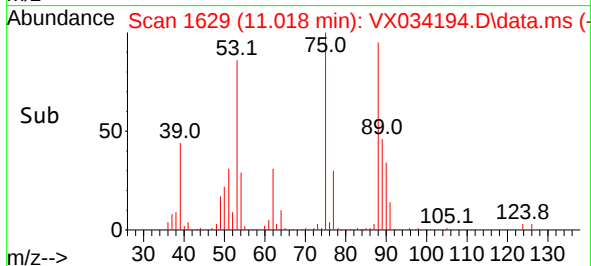
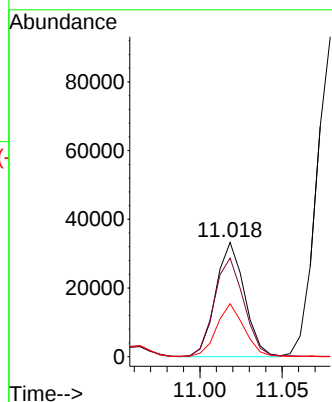
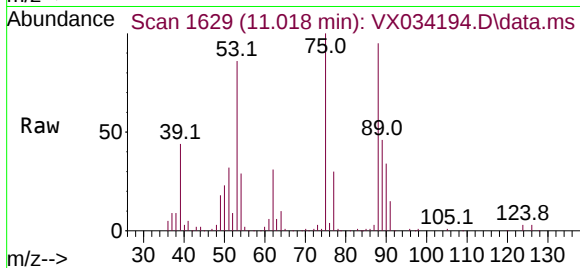
#81
trans-1,4-Dichloro-2-butene
Concen: 17.459 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

Instrument :
MSVOA_X
ClientSampleId :
VX0220MBS01

Tgt Ion: 75 Resp: 4057
Ion Ratio Lower Upper
75 100
53 88.7 83.0 124.6
89 44.6 37.7 56.5

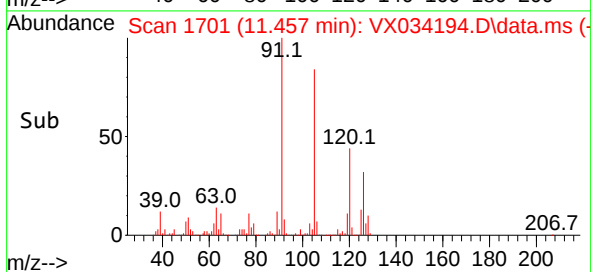
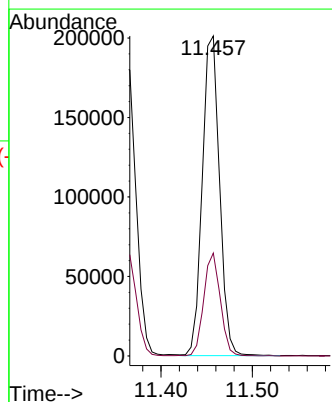
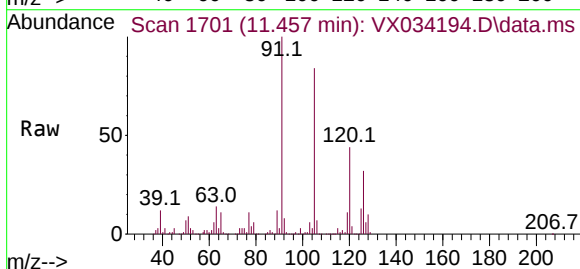
Manual Integrations
APPROVED

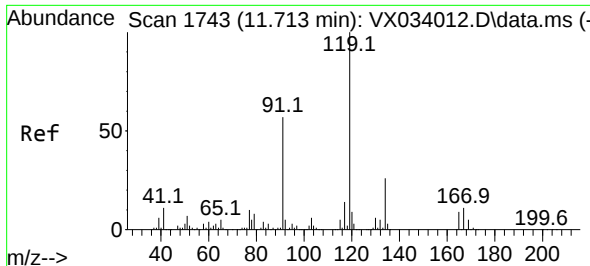
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#82
4-Chlorotoluene
Concen: 17.909 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

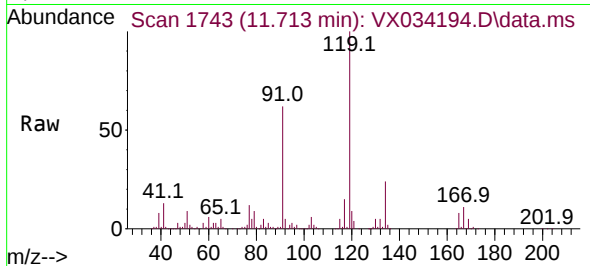
Tgt Ion: 91 Resp: 263045
Ion Ratio Lower Upper
91 100
126 30.8 15.8 47.4





#83
tert-Butylbenzene
Concen: 18.450 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

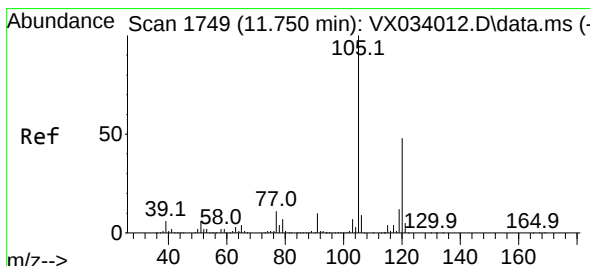
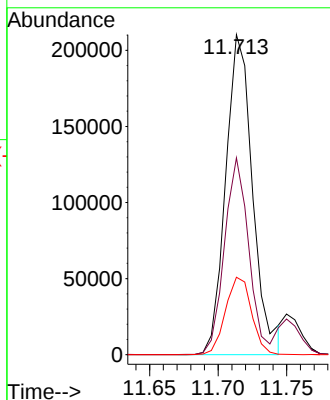
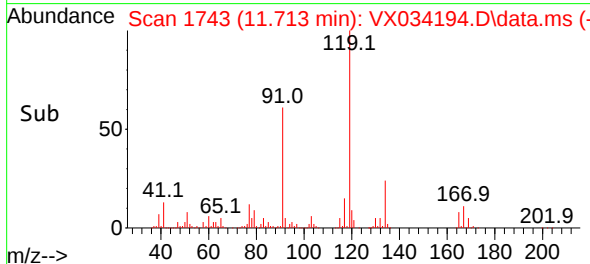
Instrument :
MSVOA_X
ClientSampleId :
VX0220MBS01



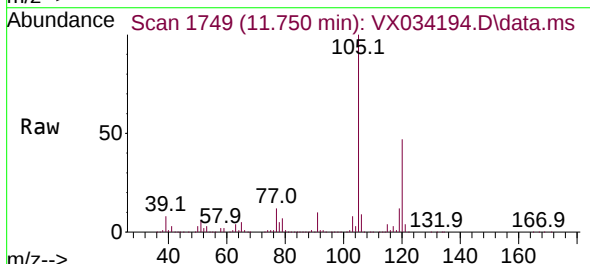
Tgt Ion:119 Resp: 28729
Ion Ratio Lower Upper
119 100
91 55.5 26.9 80.7
134 23.5 12.3 36.8

Manual Integrations
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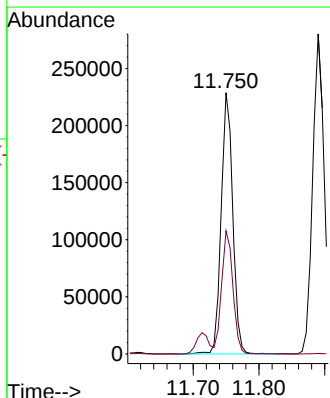
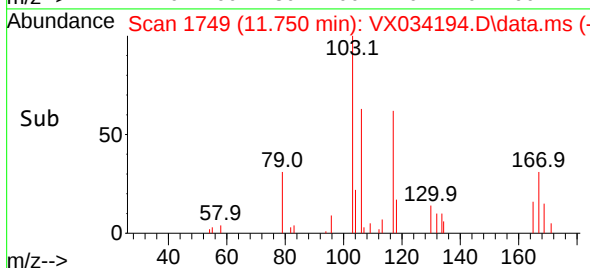
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

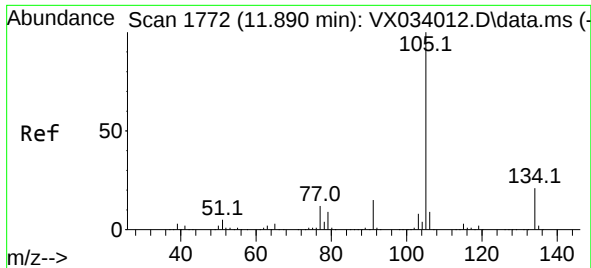


#84
1,2,4-Trimethylbenzene
Concen: 18.201 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43



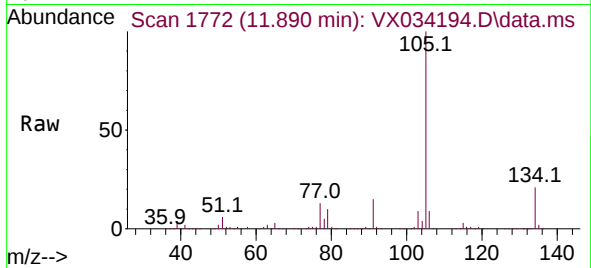
Tgt Ion:105 Resp: 279799
Ion Ratio Lower Upper
105 100
120 45.9 23.4 70.2





#85
 sec-Butylbenzene
 Concen: 17.966 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034194.D
 Acq: 20 Feb 2023 17:43

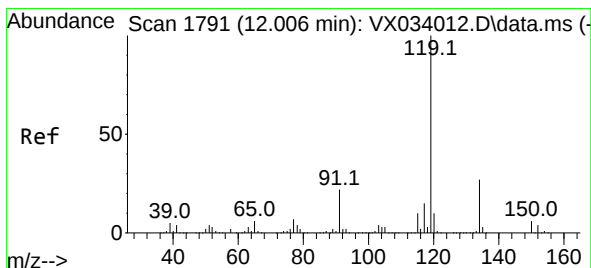
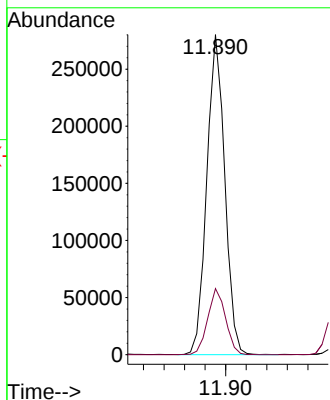
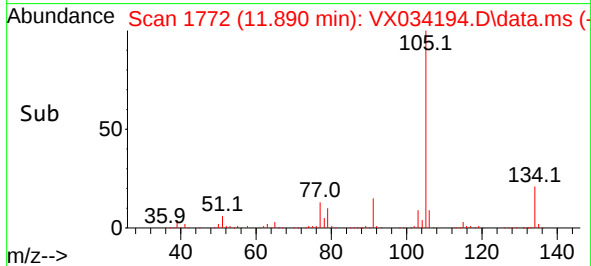
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220MBS01



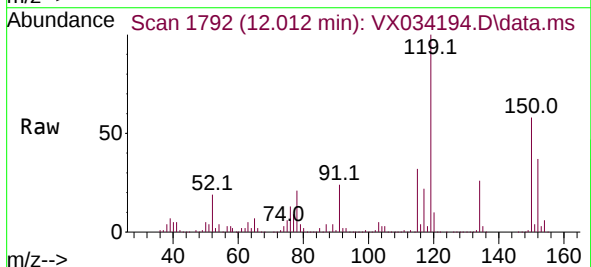
Tgt Ion:105 Resp: 33973
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.8 32.3

Manual Integrations
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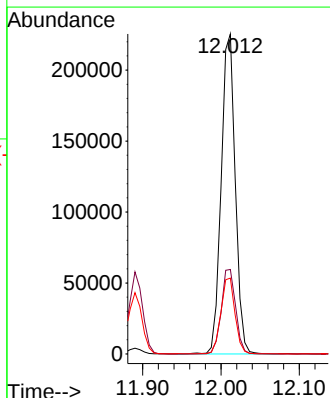
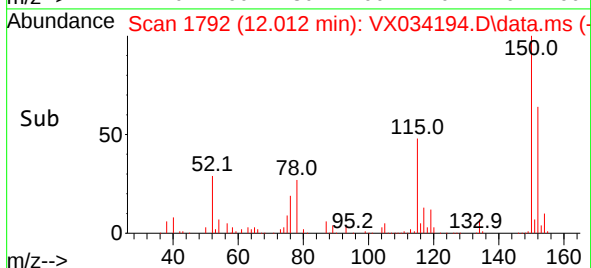
Reviewed By :John Carlone 02/21/2023
 Supervised By :Mahesh Dadoda 02/21/2023

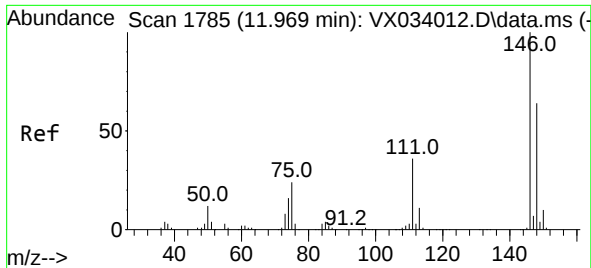


#86
 p-Isopropyltoluene
 Concen: 18.049 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX034194.D
 Acq: 20 Feb 2023 17:43



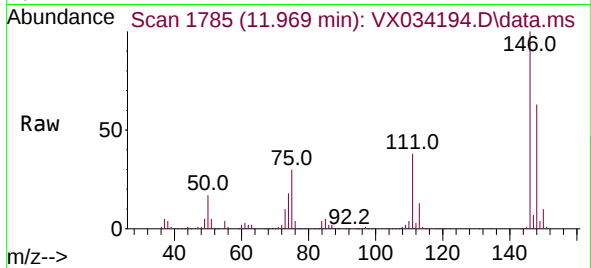
Tgt Ion:119 Resp: 282453
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.6 40.8
 91 23.8 11.0 33.0





#87
 1,3-Dichlorobenzene
 Concen: 18.775 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX034194.D
 Acq: 20 Feb 2023 17:43

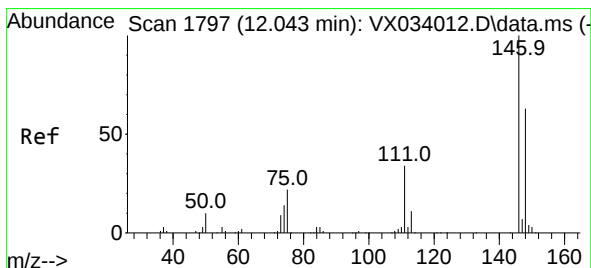
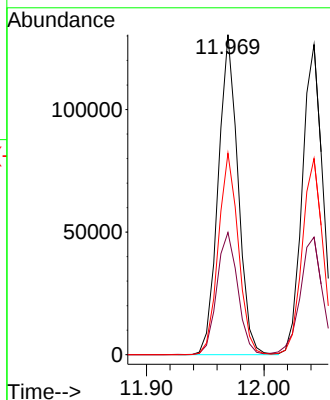
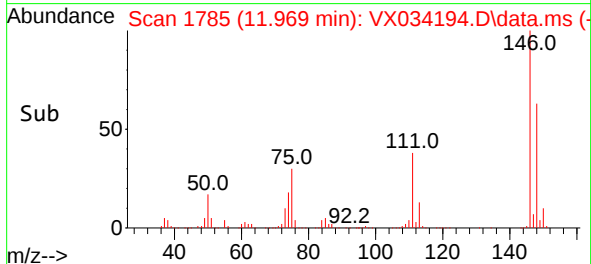
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220MBS01



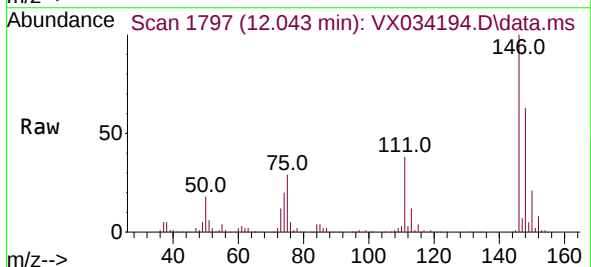
Tgt Ion:146 Resp: 153234
 Ion Ratio Lower Upper
 146 100
 111 40.3 18.6 55.6
 148 63.4 31.9 95.5

Manual Integrations
 APPROVED

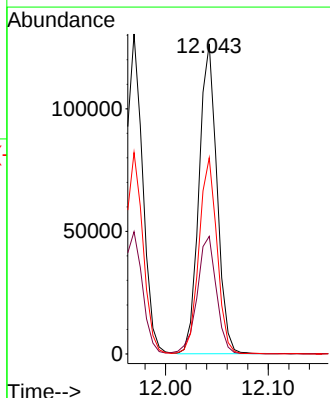
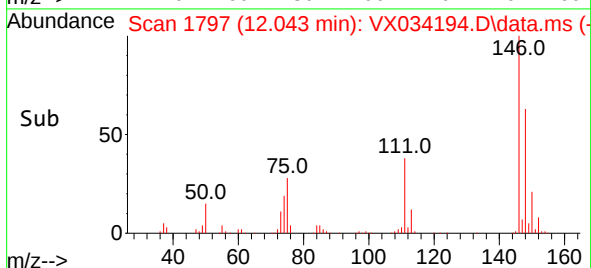
Reviewed By :John Carlone 02/21/2023
 Supervised By :Mahesh Dadoda 02/21/2023

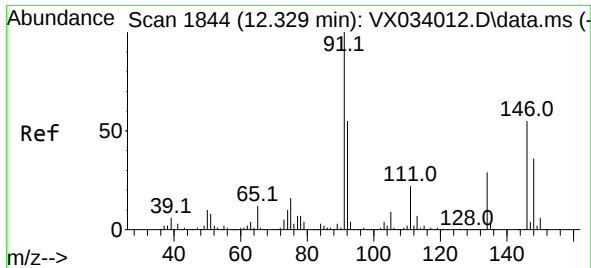


#88
 1,4-Dichlorobenzene
 Concen: 18.694 ug/l
 RT: 12.043 min Scan# 1797
 Delta R.T. 0.000 min
 Lab File: VX034194.D
 Acq: 20 Feb 2023 17:43



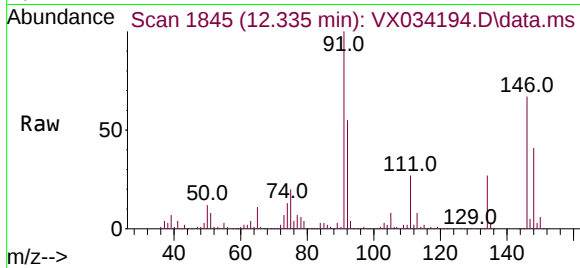
Tgt Ion:146 Resp: 153890
 Ion Ratio Lower Upper
 146 100
 111 40.6 17.8 53.4
 148 63.5 32.1 96.3





#89
n-Butylbenzene
Concen: 17.301 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

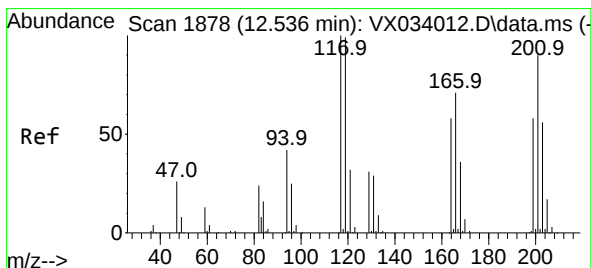
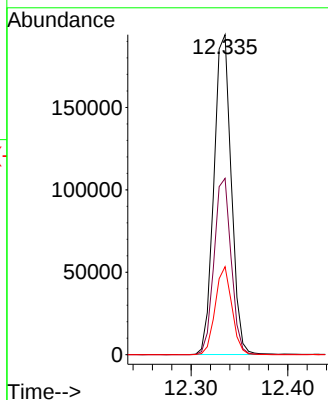
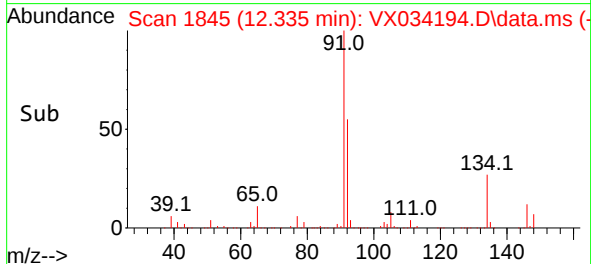
Instrument :
MSVOA_X
ClientSampleId :
VX0220MBS01



Tgt Ion: 91 Resp: 241140
Ion Ratio Lower Upper
91 100
92 54.6 27.5 82.5
134 26.5 14.3 42.9

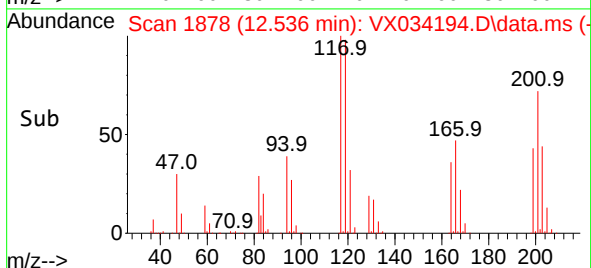
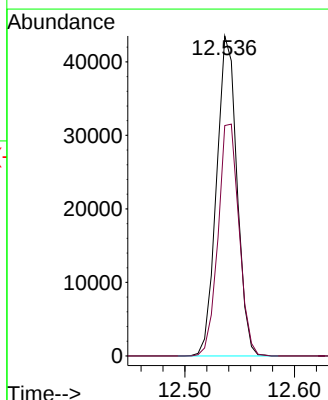
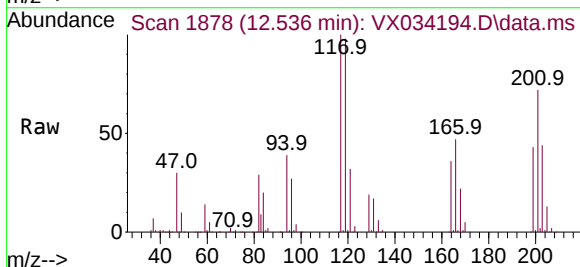
Manual Integrations
APPROVED

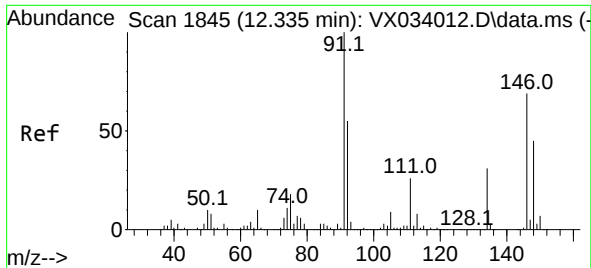
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#90
Hexachloroethane
Concen: 17.222 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

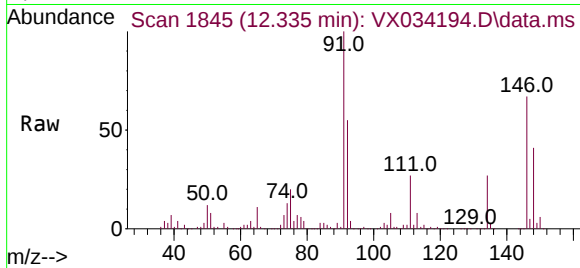
Tgt Ion:117 Resp: 56351
Ion Ratio Lower Upper
117 100
201 74.2 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 19.732 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

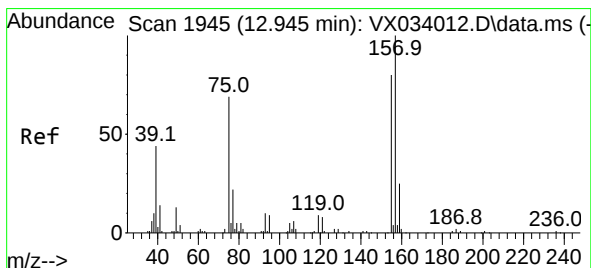
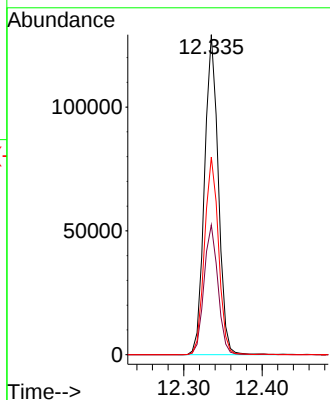
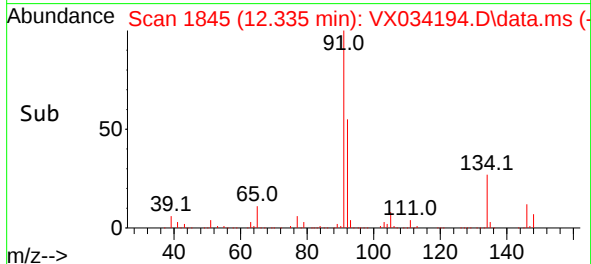
Instrument :
MSVOA_X
ClientSampleId :
VX0220MBS01



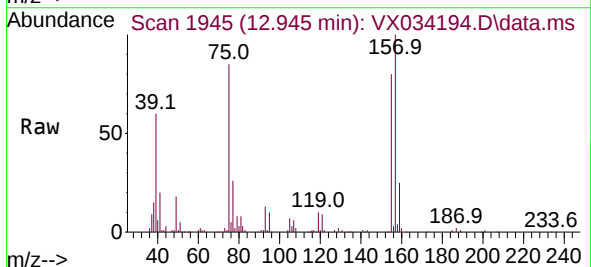
Tgt Ion:146 Resp: 15756
Ion Ratio Lower Upper
146 100
111 41.0 19.3 57.8
148 62.6 32.3 96.9

Manual Integrations
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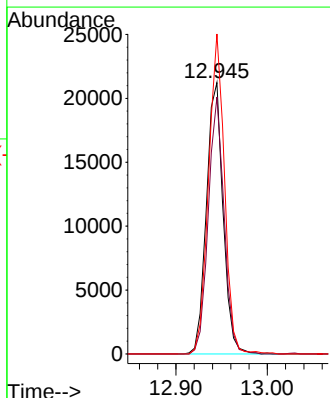
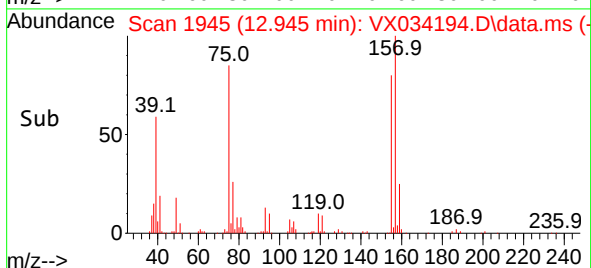
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

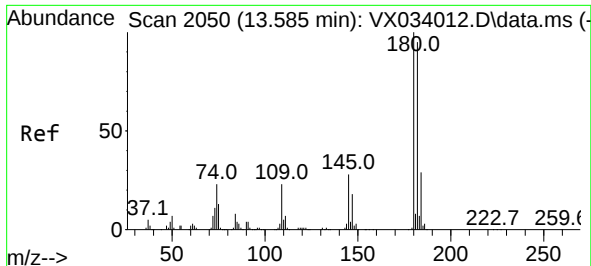


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.167 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43



Tgt Ion: 75 Resp: 26795
Ion Ratio Lower Upper
75 100
155 89.9 51.7 155.1
157 113.1 67.5 202.3





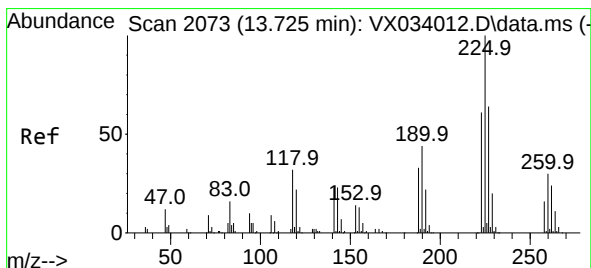
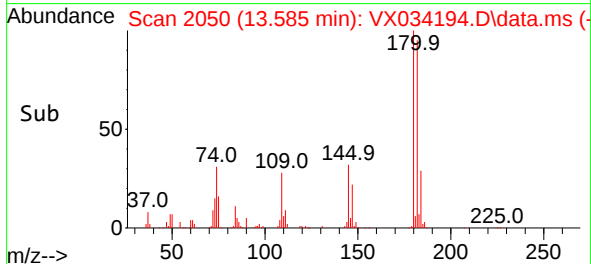
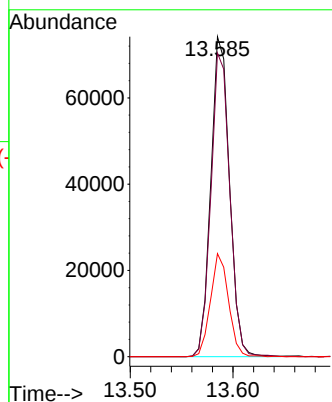
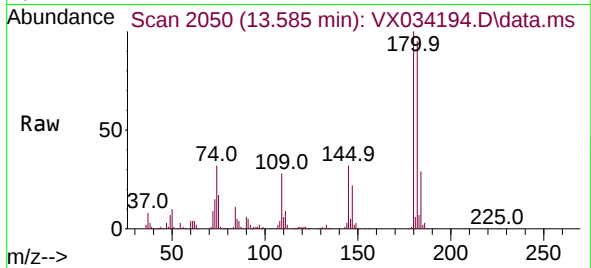
#93
1,2,4-Trichlorobenzene
Concen: 18.259 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

Instrument :
MSVOA_X
ClientSampleId :
VX0220MBS01

Tgt Ion:180 Resp: 93608
Ion Ratio Lower Upper
180 100
182 95.9 47.9 143.6
145 31.2 14.1 42.2

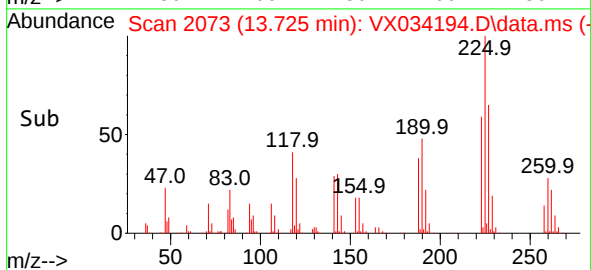
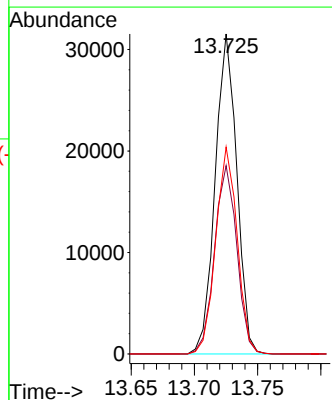
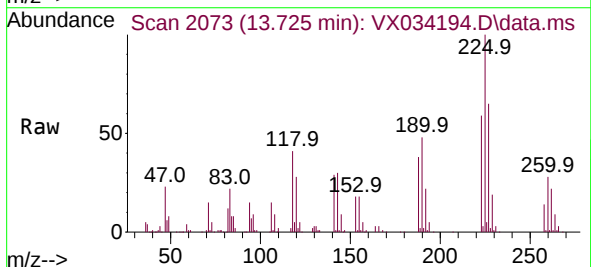
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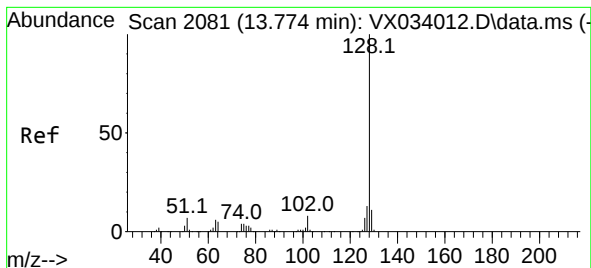
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#94
Hexachlorobutadiene
Concen: 17.613 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

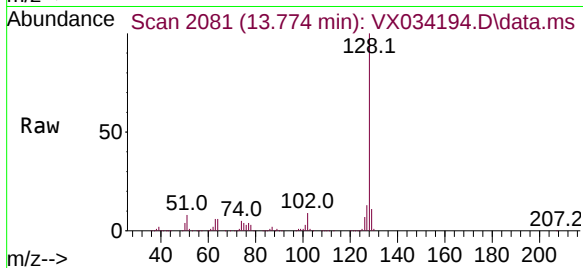
Tgt Ion:225 Resp: 37431
Ion Ratio Lower Upper
225 100
223 60.6 31.3 93.9
227 64.3 32.3 96.9





#95
Naphthalene
Concen: 20.105 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

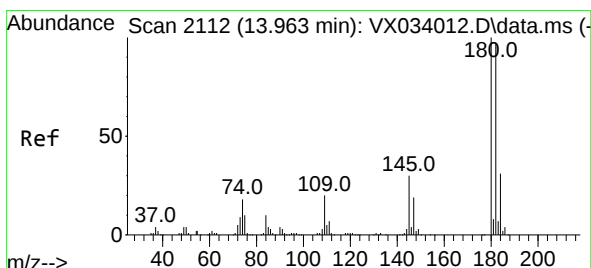
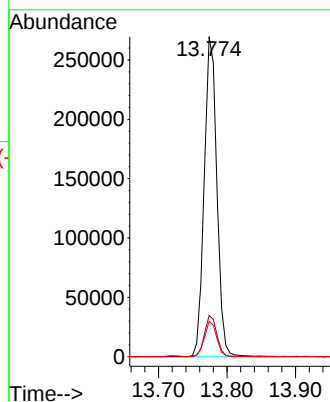
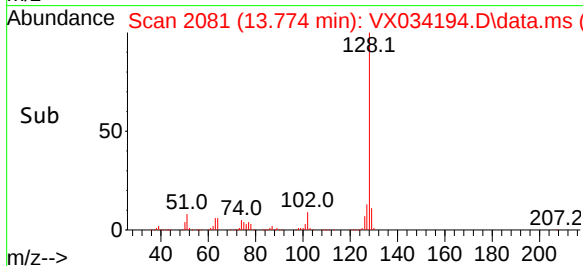
Instrument :
MSVOA_X
ClientSampleId :
VX0220MBS01



Tgt Ion:128 Resp: 34721
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.7 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.264 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034194.D
Acq: 20 Feb 2023 17:43

Tgt Ion:180 Resp: 98048
Ion Ratio Lower Upper
180 100
182 94.3 47.6 142.9
145 32.6 15.1 45.3

