

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022123\
 Data File : VX034206.D
 Acq On : 21 Feb 2023 13:09
 Operator : JC/MD
 Sample : VX0221WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBS01

Quant Time: Feb 22 05:49:41 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/22/2023
 Supervised By : Mahesh Dadoda 02/22/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	324107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	540844	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	486431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	238007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	200038	45.828	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.660%		
35) Dibromofluoromethane	5.385	113	173014	49.132	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.260%		
50) Toluene-d8	8.647	98	646078	51.101	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.200%		
62) 4-Bromofluorobenzene	11.079	95	239048	49.430	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	58436	20.865	ug/l	100
3) Chloromethane	1.300	50	82734	20.528	ug/l	98
4) Vinyl Chloride	1.374	62	85188	23.209	ug/l	99
5) Bromomethane	1.605	94	46666	31.045	ug/l	99
6) Chloroethane	1.684	64	46735	25.328	ug/l	96
7) Trichlorofluoromethane	1.892	101	118099	23.783	ug/l	99
8) Diethyl Ether	2.136	74	44875	22.431	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	65455	18.717	ug/l	95
10) Methyl Iodide	2.453	142	69719	16.374	ug/l	93
11) Tert butyl alcohol	2.959	59	90350	92.545	ug/l #	83
12) 1,1-Dichloroethene	2.318	96	65923	18.805	ug/l	95
13) Acrolein	2.233	56	42258	94.823	ug/l	99
14) Allyl chloride	2.666	41	133966	18.015	ug/l	88
15) Acrylonitrile	3.062	53	207907	97.619	ug/l	99
16) Acetone	2.379	43	181642	80.670	ug/l	95
17) Carbon Disulfide	2.514	76	181819	18.040	ug/l	99
18) Methyl Acetate	2.703	43	136397	19.577	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	233016	18.833	ug/l	97
20) Methylene Chloride	2.788	84	75765	18.675	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	70325	19.145	ug/l	97
22) Diisopropyl ether	3.763	45	262509	20.136	ug/l	91
23) Vinyl Acetate	3.721	43	1022496	97.895	ug/l	100
24) 1,1-Dichloroethane	3.611	63	135098	18.877	ug/l	98
25) 2-Butanone	4.556	43	299690	91.987	ug/l	100
26) 2,2-Dichloropropane	4.477	77	114547	17.668	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	86152	19.806	ug/l	100
28) Bromochloromethane	4.903	49	64601	20.234	ug/l	90
29) Tetrahydrofuran	5.007	42	194505	97.865	ug/l	99
30) Chloroform	5.092	83	130844	19.039	ug/l	99
31) Cyclohexane	5.470	56	121829	18.694	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	115446	18.740	ug/l	99
36) 1,1-Dichloropropene	5.696	75	98027	18.823	ug/l	99
37) Ethyl Acetate	4.714	43	115672	19.874	ug/l	98
38) Carbon Tetrachloride	5.684	117	101044	18.855	ug/l	96
39) Methylcyclohexane	7.379	83	126199	18.830	ug/l	98
40) Benzene	6.037	78	300504	19.471	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	63384	19.546	ug/l	99
42) 1,2-Dichloroethane	6.092	62	99178	18.272	ug/l	100
43) Isopropyl Acetate	6.342	43	196711	19.152	ug/l	100
44) Trichloroethene	7.129	130	77264	19.509	ug/l	95
45) 1,2-Dichloropropane	7.433	63	80514	19.597	ug/l	99
46) Dibromomethane	7.580	93	51355	18.993	ug/l	90
47) Bromodichloromethane	7.824	83	104174	18.774	ug/l	95
48) Methyl methacrylate	7.689	41	92417	18.958	ug/l	99
49) 1,4-Dioxane	7.659	88	37793	388.679	ug/l #	96
51) 4-Methyl-2-Pentanone	8.573	43	593905	105.101	ug/l	99
52) Toluene	8.720	92	188806	20.190	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	118475	18.549	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	127024	18.577	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	76140	20.172	ug/l	99
56) Ethyl methacrylate	9.116	69	126234	19.769	ug/l	99
57) 1,3-Dichloropropane	9.311	76	131498	20.023	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	278968	100.852	ug/l	95
59) 2-Hexanone	9.427	43	447635	103.944	ug/l	98
60) Dibromochloromethane	9.518	129	82960	19.891	ug/l	98
61) 1,2-Dibromoethane	9.610	107	78821	19.745	ug/l	96
64) Tetrachloroethene	9.275	164	66470	19.361	ug/l	95
65) Chlorobenzene	10.079	112	201803	19.902	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	76229	19.420	ug/l	97
67) Ethyl Benzene	10.195	91	356692	19.581	ug/l	98
68) m/p-Xylenes	10.299	106	279016	40.024	ug/l	98
69) o-Xylene	10.640	106	135977	19.593	ug/l	95
70) Styrene	10.652	104	224794	19.916	ug/l	98
71) Bromoform	10.799	173	60550	18.898	ug/l #	100
73) Isopropylbenzene	10.963	105	351533	19.380	ug/l	99
74) N-amyl acetate	10.841	43	173354	19.023	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	118741	19.139	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	110683m	18.481	ug/l	
77) Bromobenzene	11.195	156	84750	19.415	ug/l	87
78) n-propylbenzene	11.305	91	407509	19.317	ug/l	97
79) 2-Chlorotoluene	11.366	91	245506	18.979	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	294124	19.286	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	40235	17.259	ug/l	92
82) 4-Chlorotoluene	11.457	91	274965	18.663	ug/l	97
83) tert-Butylbenzene	11.713	119	305226	19.542	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	294798	19.118	ug/l	99
85) sec-Butylbenzene	11.890	105	369661	19.489	ug/l	98
86) p-Isopropyltoluene	12.012	119	308179	19.632	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	161415	19.717	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	160705	19.462	ug/l	97
89) n-Butylbenzene	12.335	91	265607	18.997	ug/l	97
90) Hexachloroethane	12.536	117	59086	18.002	ug/l	82
91) 1,2-Dichlorobenzene	12.335	146	158976	19.848	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23535	15.908	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	94303	18.338	ug/l	99
94) Hexachlorobutadiene	13.725	225	39360	18.463	ug/l	99
95) Naphthalene	13.774	128	328066	18.938	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	93325	18.280	ug/l	97

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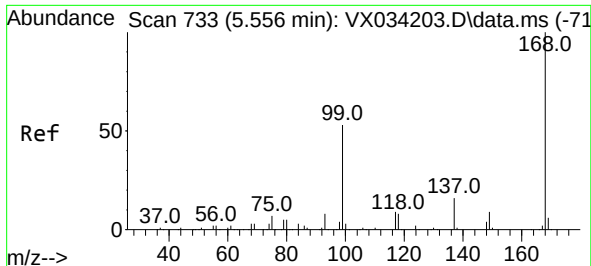
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration

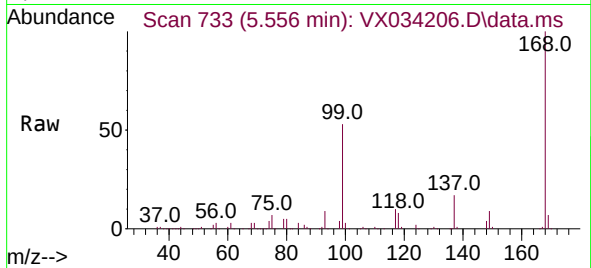
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
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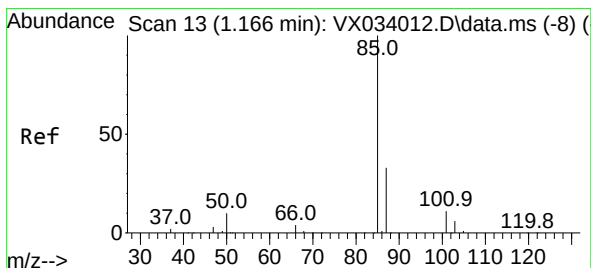
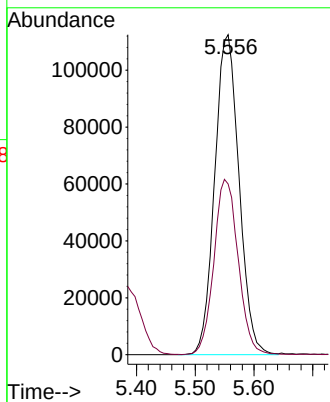
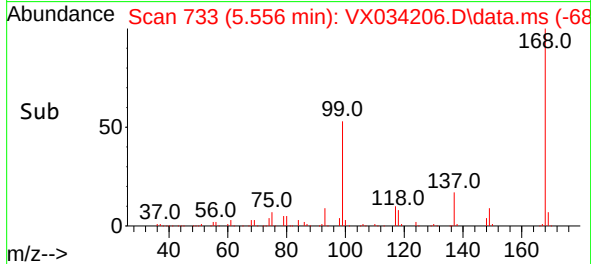
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion:168 Resp: 32410
Ion Ratio Lower Upper
168 100
99 53.3 39.6 59.4

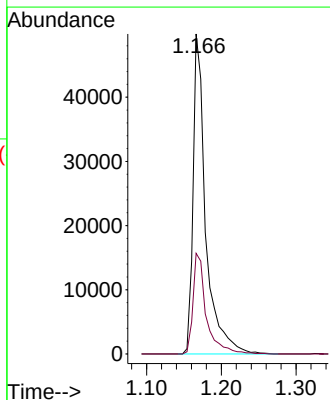
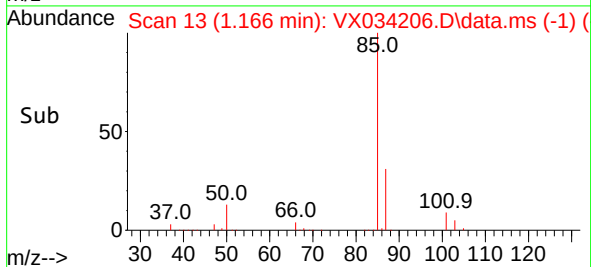
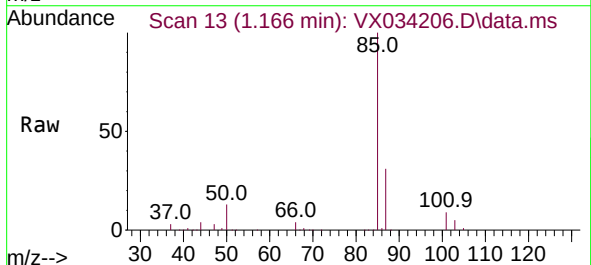
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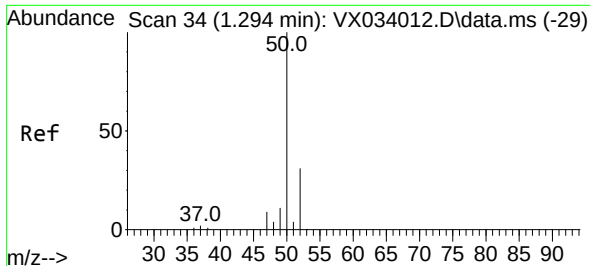
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#2
Dichlorodifluoromethane
Concen: 20.865 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

Tgt Ion: 85 Resp: 58436
Ion Ratio Lower Upper
85 100
87 31.4 15.8 47.4





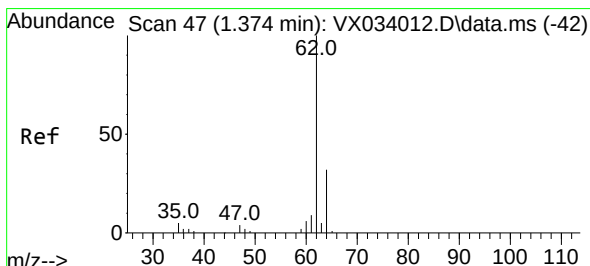
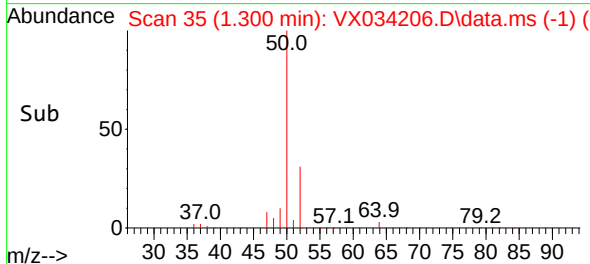
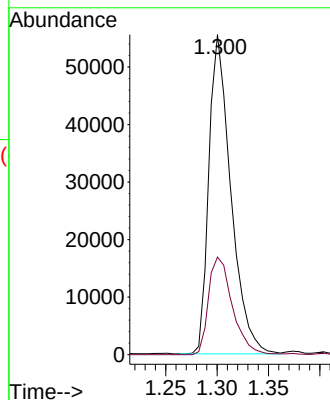
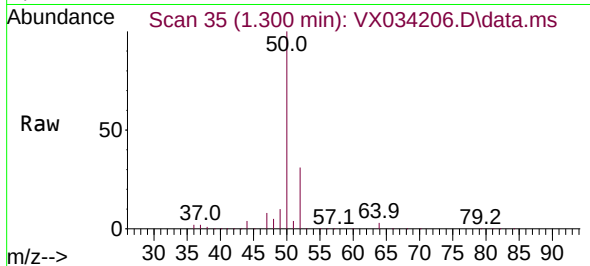
#3
Chloromethane
Concen: 20.528 ug/l
RT: 1.300 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

Instrument :
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ClientSampleId :
VX0221WBS01

Tgt Ion: 50 Resp: 82734
Ion Ratio Lower Upper
50 100
52 30.6 25.2 37.8

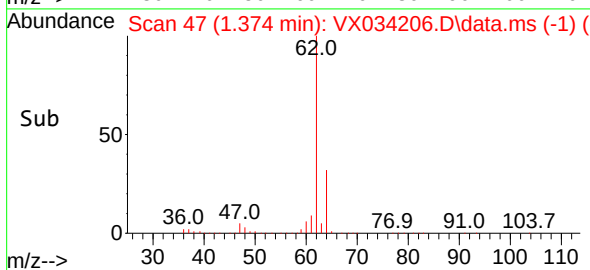
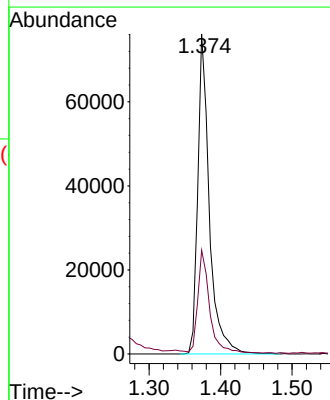
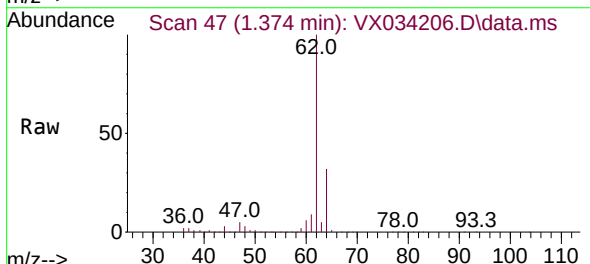
Manual Integrations
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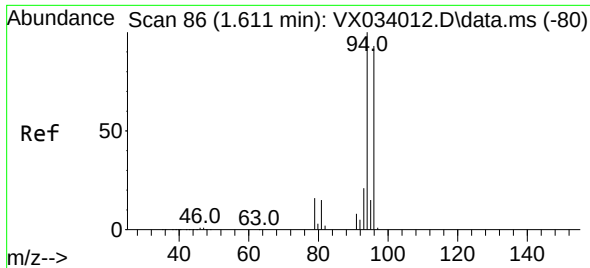
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#4
Vinyl Chloride
Concen: 23.209 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

Tgt Ion: 62 Resp: 85188
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.4





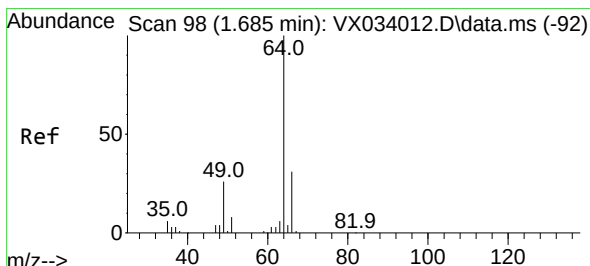
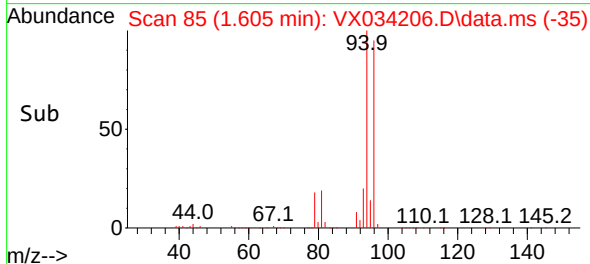
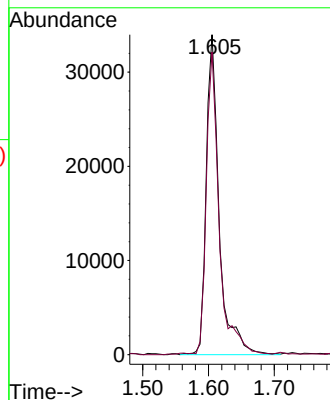
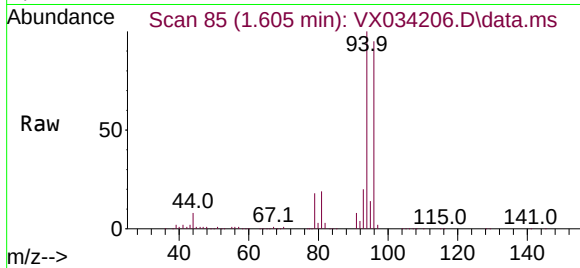
#5
Bromomethane
Concen: 31.045 ug/l
RT: 1.605 min Scan# 86
Delta R.T. 0.006 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 46660
Ion Ratio Lower Upper
94 100
96 94.2 74.3 111.5

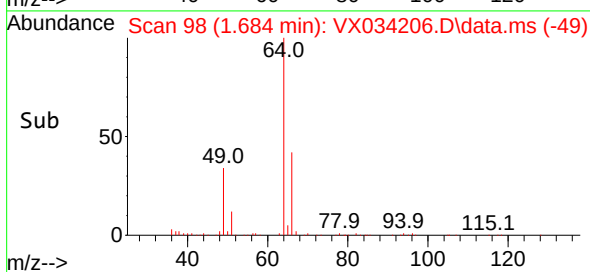
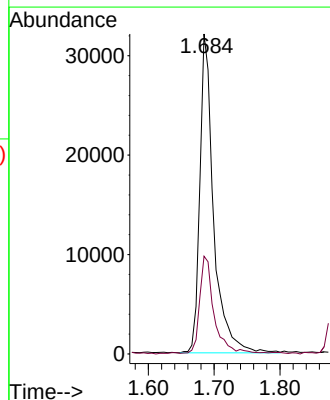
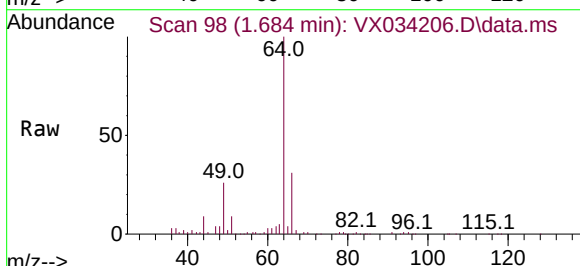
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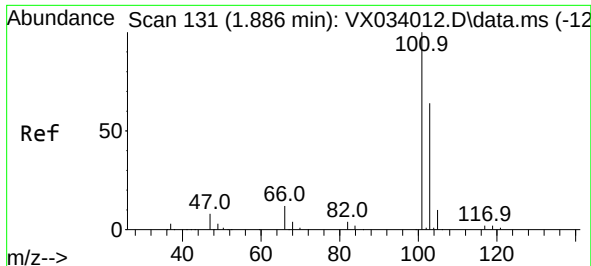
Reviewed By :John Carlone 02/22/2023
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#6
Chloroethane
Concen: 25.328 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

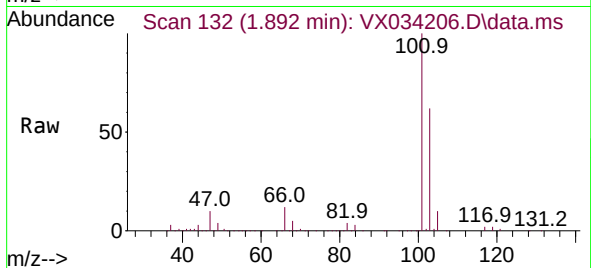
Tgt Ion: 64 Resp: 46735
Ion Ratio Lower Upper
64 100
66 30.5 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 23.783 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX034206.D
 Acq: 21 Feb 2023 13:09

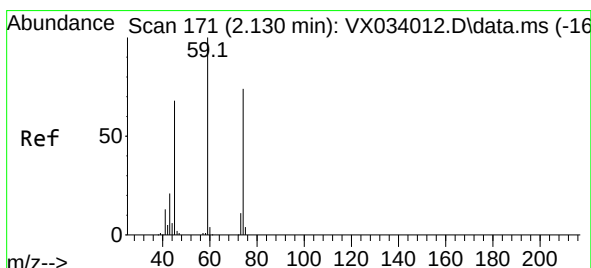
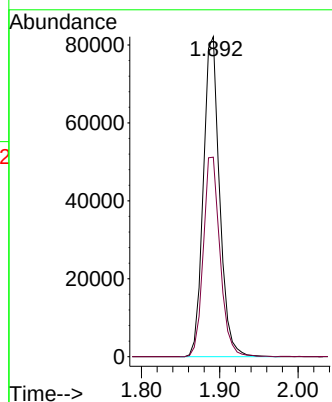
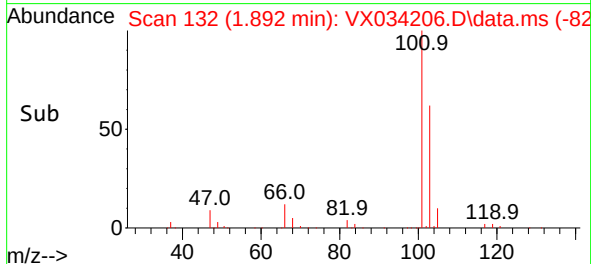
Instrument :
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Tgt Ion:101 Resp: 118099
 Ion Ratio Lower Upper
 101 100
 103 62.3 50.6 75.8

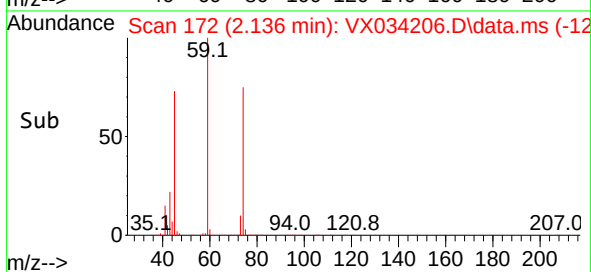
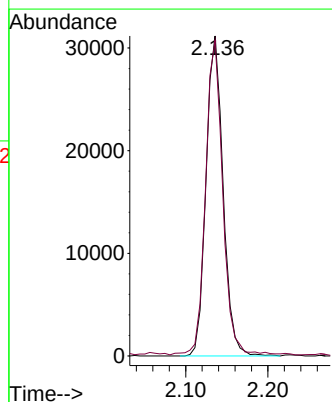
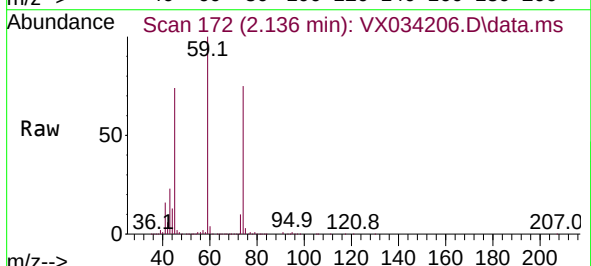
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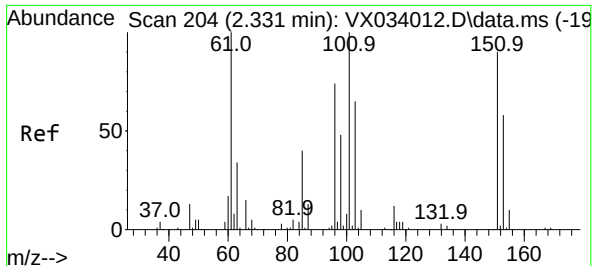
Reviewed By :John Carlone 02/22/2023
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#8
 Diethyl Ether
 Concen: 22.431 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VX034206.D
 Acq: 21 Feb 2023 13:09

Tgt Ion: 74 Resp: 44875
 Ion Ratio Lower Upper
 74 100
 45 99.1 51.5 154.5





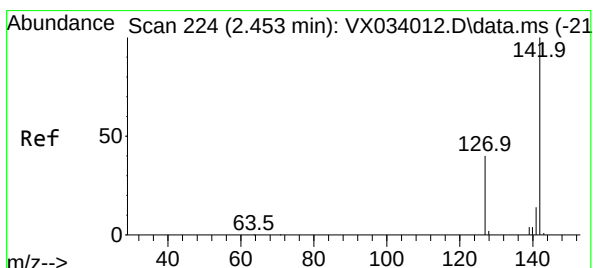
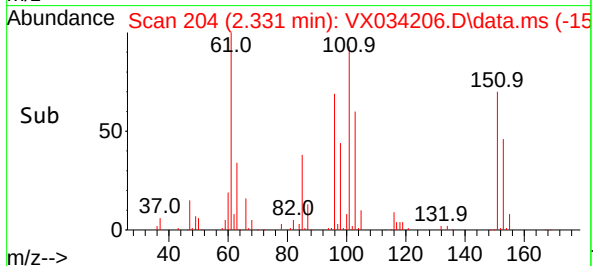
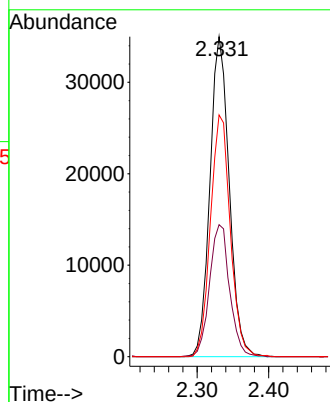
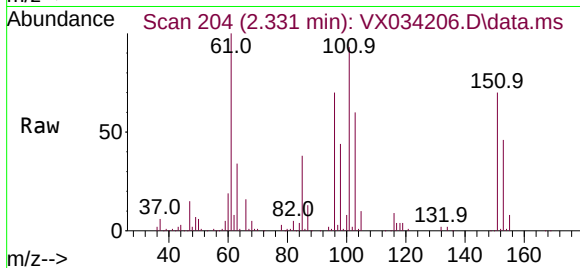
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.717 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tgt Ion:101 Resp: 6545
Ion Ratio Lower Upper
101 100
85 43.0 36.7 55.1
151 77.8 66.5 99.7

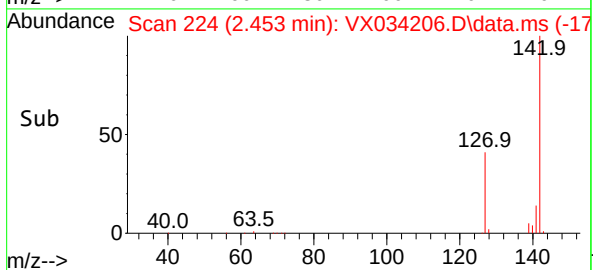
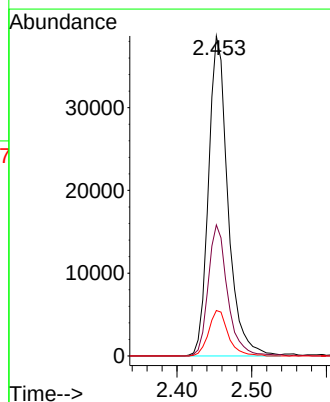
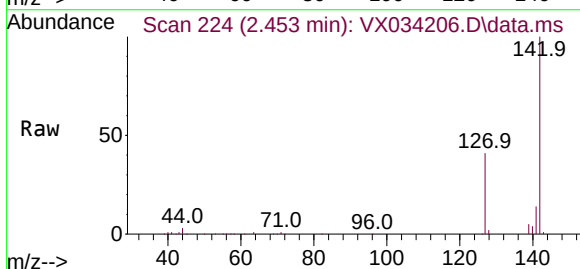
Manual Integrations
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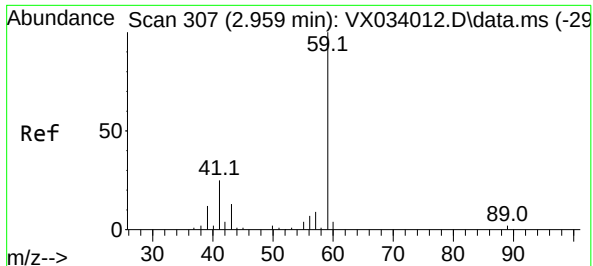
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#10
Methyl Iodide
Concen: 16.374 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

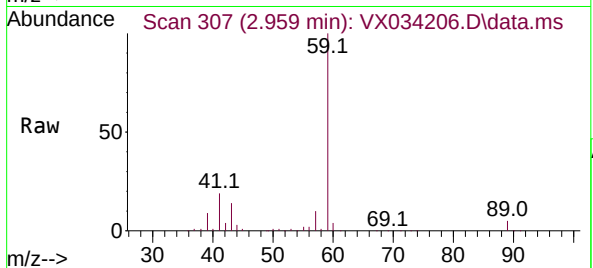
Tgt Ion:142 Resp: 69719
Ion Ratio Lower Upper
142 100
127 40.8 37.3 55.9
141 14.3 11.5 17.3





#11
Tert butyl alcohol
Concen: 92.545 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

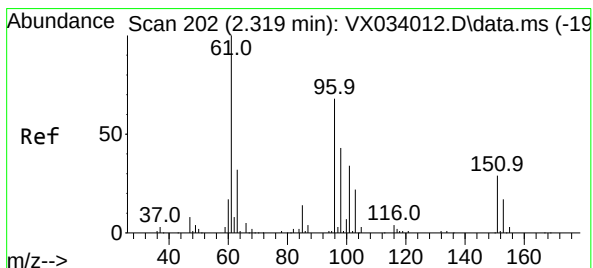
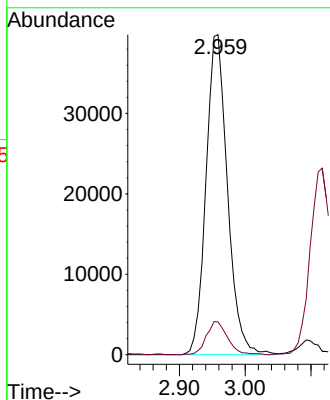
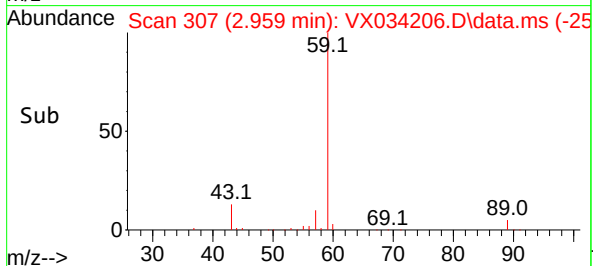
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



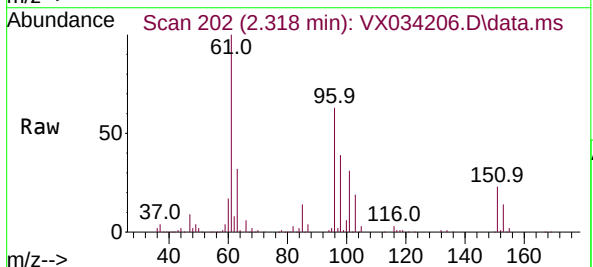
Tgt Ion: 59 Resp: 90350
Ion Ratio Lower Upper
59 100
57 10.2 3.7 5.5

Manual Integrations
APPROVED

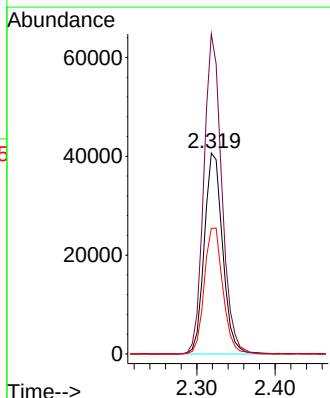
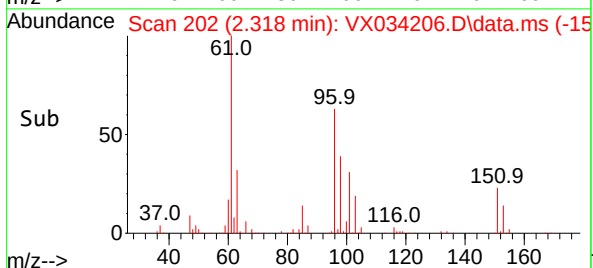
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

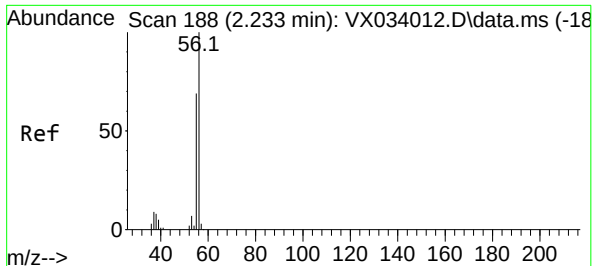


#12
1,1-Dichloroethene
Concen: 18.805 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09



Tgt Ion: 96 Resp: 65923
Ion Ratio Lower Upper
96 100
61 159.3 134.2 201.4
98 62.5 50.2 75.2





#13

Acrolein

Concen: 94.823 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX034206.D

Acq: 21 Feb 2023 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tgt Ion: 56 Resp: 42258

Ion Ratio Lower Upper

56 100

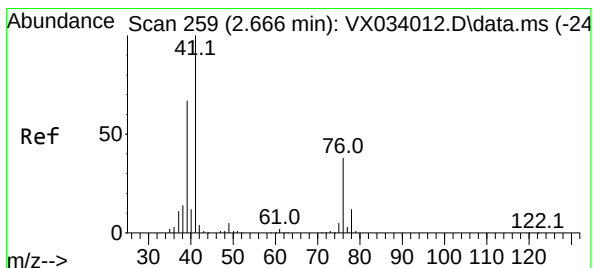
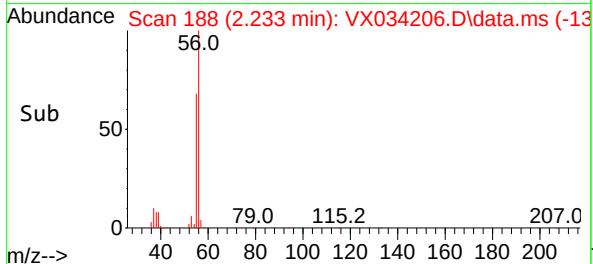
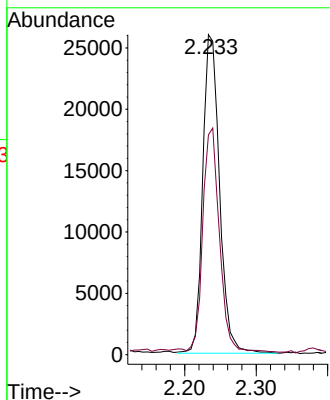
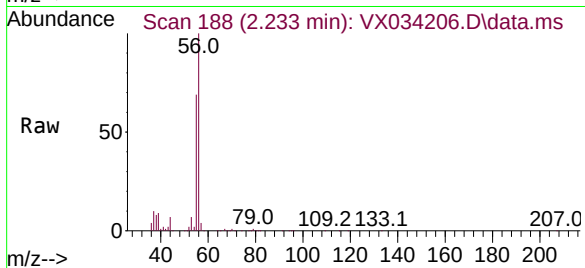
55 70.9 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#14

Allyl chloride

Concen: 18.015 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.006 min

Lab File: VX034206.D

Acq: 21 Feb 2023 13:09

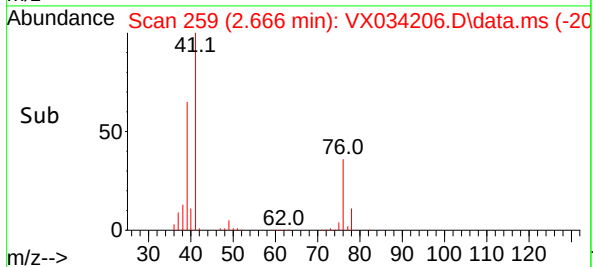
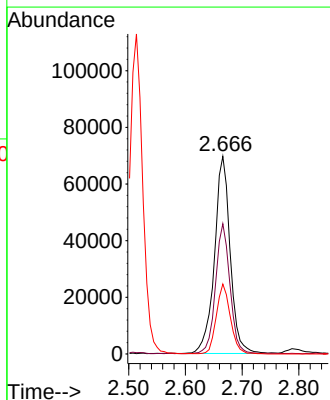
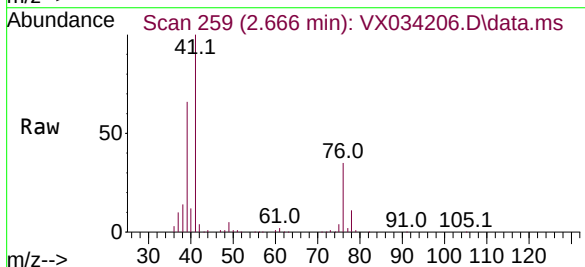
Tgt Ion: 41 Resp: 133966

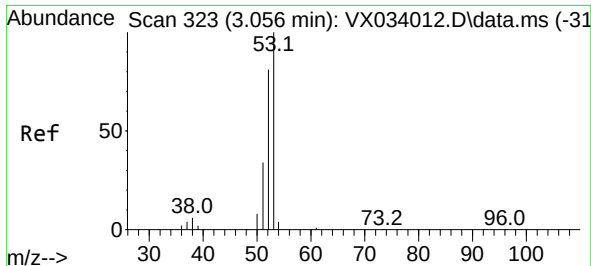
Ion Ratio Lower Upper

41 100

39 60.4 59.0 88.4

76 31.6 24.6 37.0





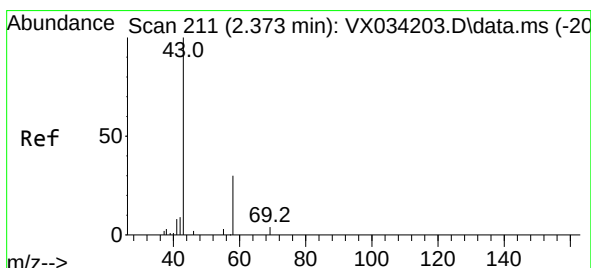
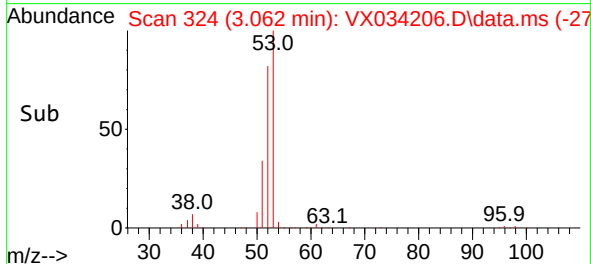
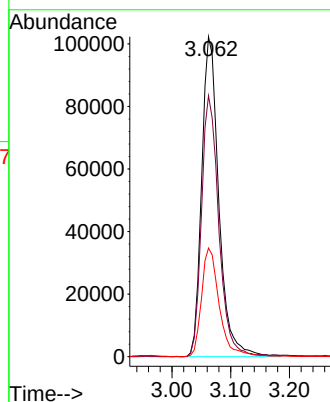
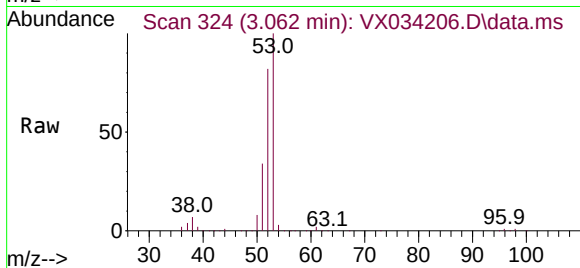
#15
Acrylonitrile
Concen: 97.619 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tgt Ion: 53 Resp: 20790
Ion Ratio Lower Upper
53 100
52 82.6 65.7 98.5
51 35.1 29.0 43.4

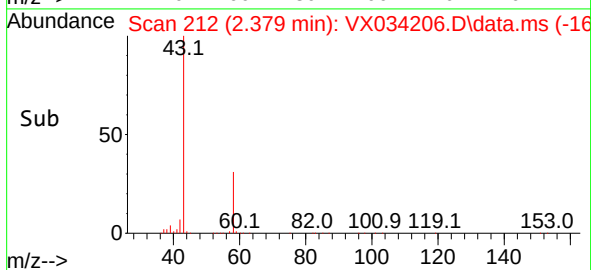
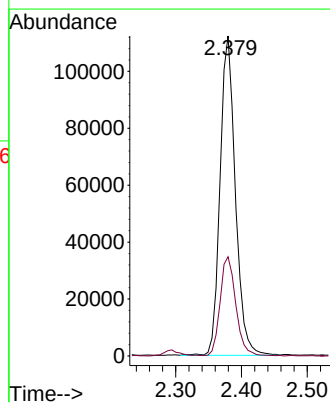
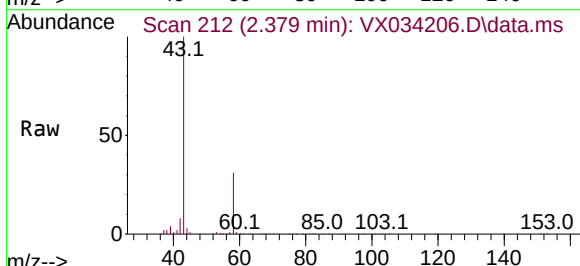
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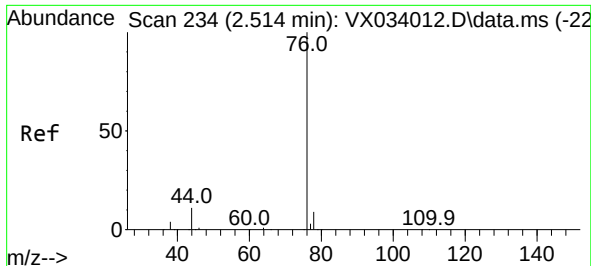
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#16
Acetone
Concen: 80.670 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

Tgt Ion: 43 Resp: 181642
Ion Ratio Lower Upper
43 100
58 30.9 22.6 33.8





#17

Carbon Disulfide

Concen: 18.040 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX034206.D

Acq: 21 Feb 2023 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tgt Ion: 76 Resp: 181819

Ion Ratio Lower Upper

76 100

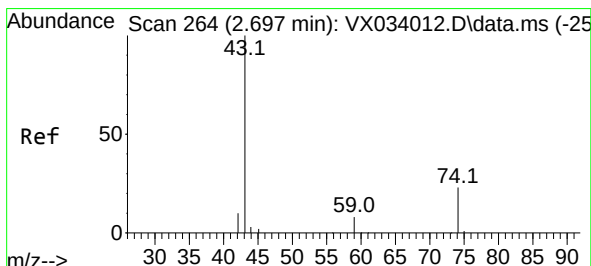
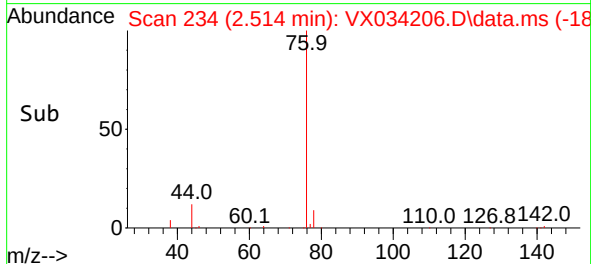
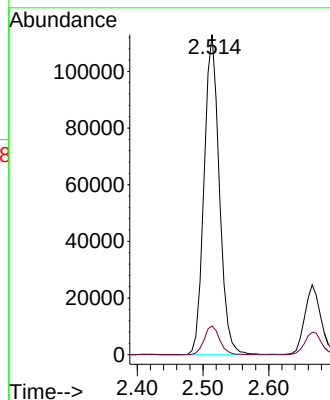
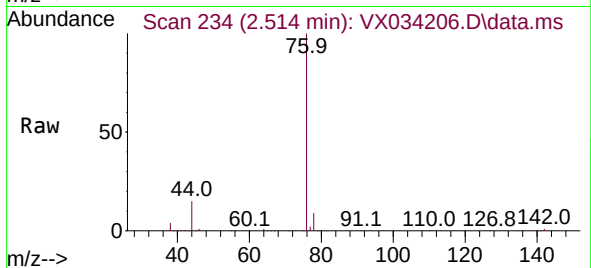
78 9.0 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#18

Methyl Acetate

Concen: 19.577 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX034206.D

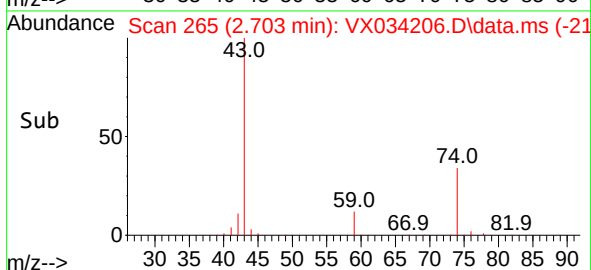
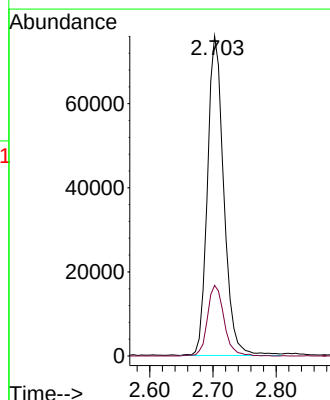
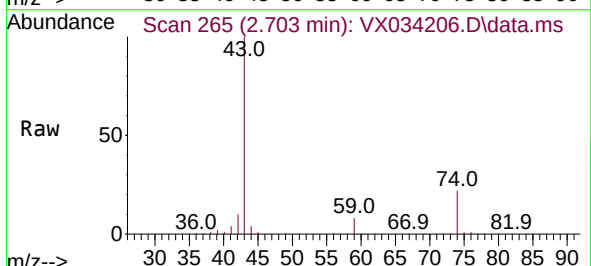
Acq: 21 Feb 2023 13:09

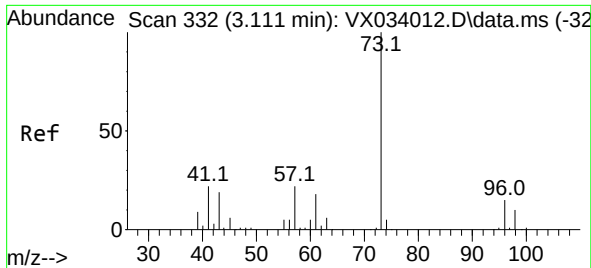
Tgt Ion: 43 Resp: 136397

Ion Ratio Lower Upper

43 100

74 22.6 18.2 27.4





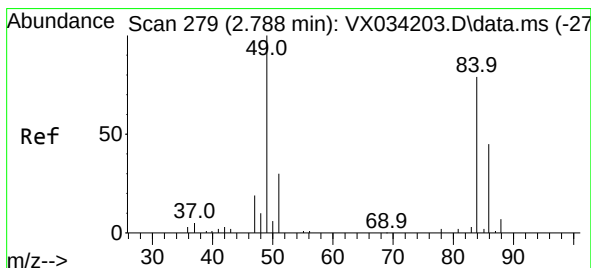
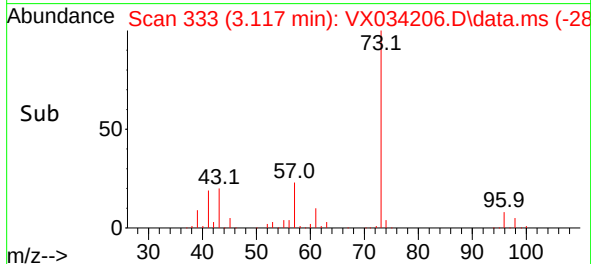
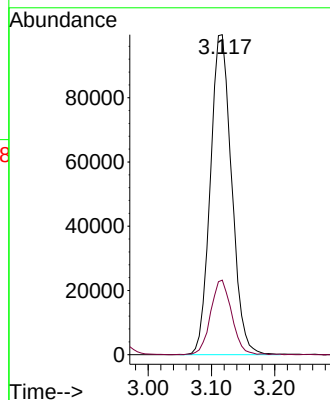
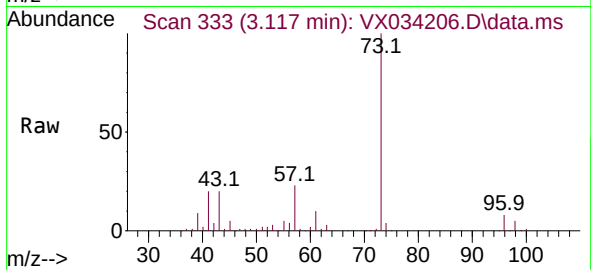
#19
Methyl tert-butyl Ether
Concen: 18.833 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tgt Ion: 73 Resp: 233010
Ion Ratio Lower Upper
73 100
57 23.2 17.4 26.0

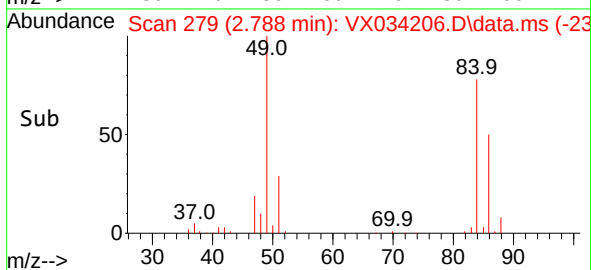
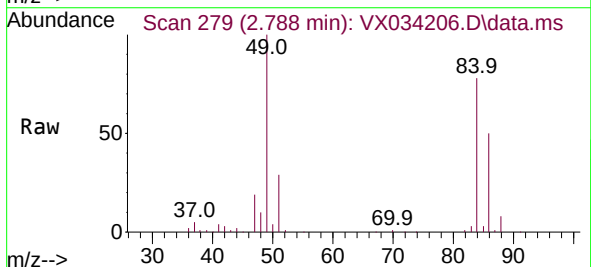
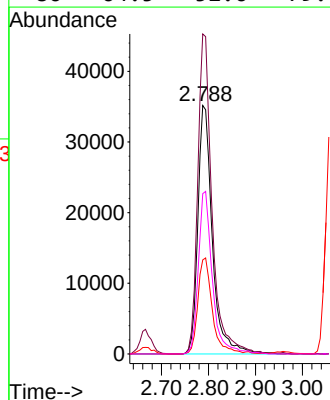
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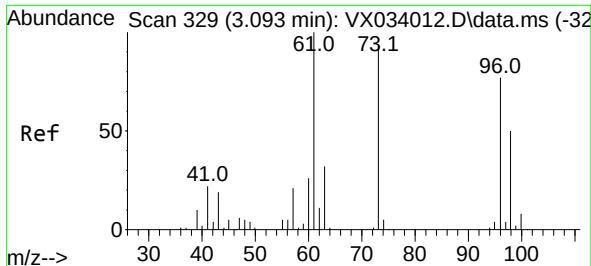
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#20
Methylene Chloride
Concen: 18.675 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

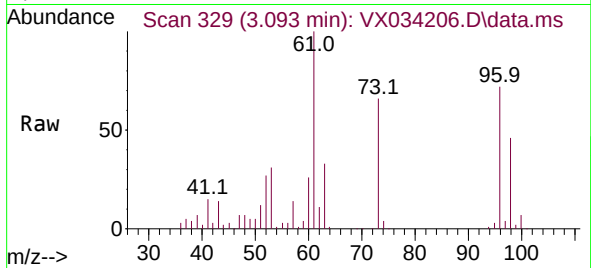
Tgt Ion: 84 Resp: 75765
Ion Ratio Lower Upper
84 100
49 128.7 101.1 151.7
51 37.8 31.0 46.6
86 64.5 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 19.145 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

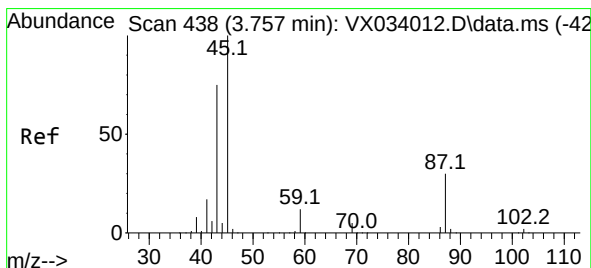
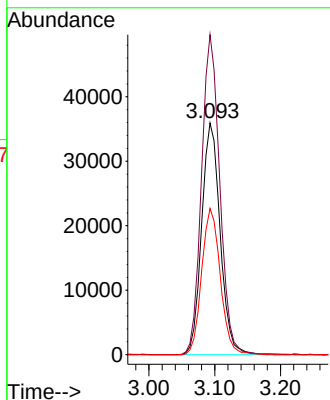
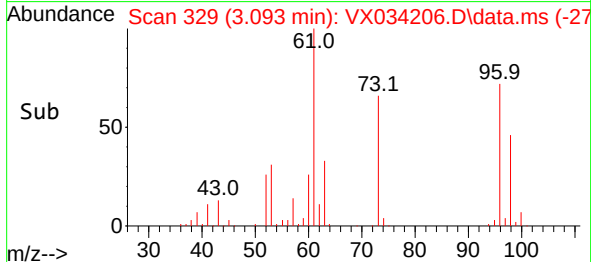
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



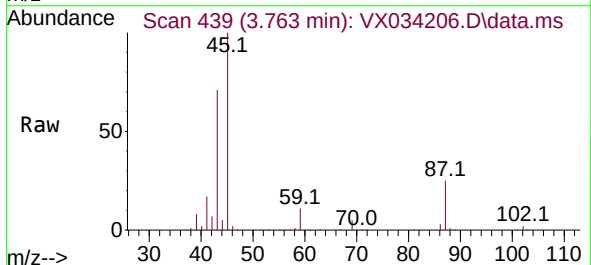
Tgt Ion: 96 Resp: 70325
Ion Ratio Lower Upper
96 100
61 138.1 106.7 160.1
98 63.1 50.0 75.0

Manual Integrations
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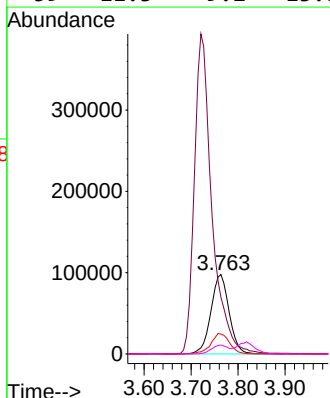
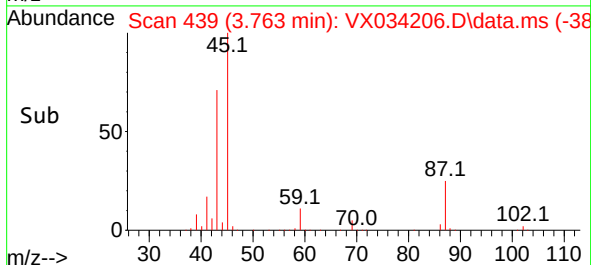
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

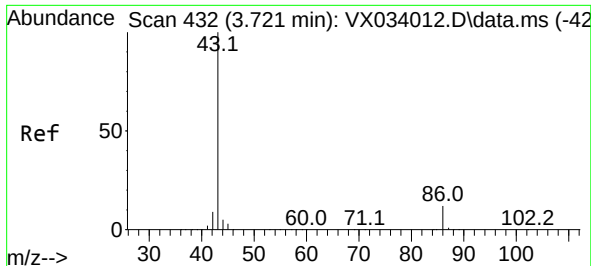


#22
Diisopropyl ether
Concen: 20.136 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09



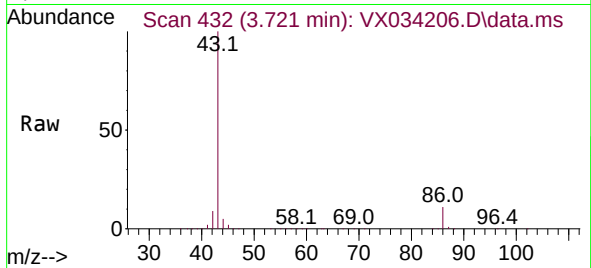
Tgt Ion: 45 Resp: 262509
Ion Ratio Lower Upper
45 100
43 71.1 64.6 97.0
87 25.0 21.9 32.9
59 11.3 9.2 13.8





#23
 Vinyl Acetate
 Concen: 97.895 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX034206.D
 Acq: 21 Feb 2023 13:09

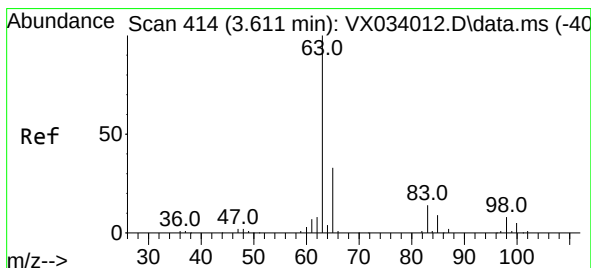
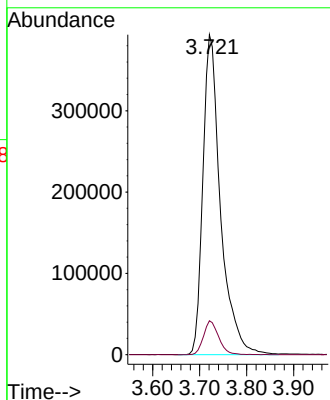
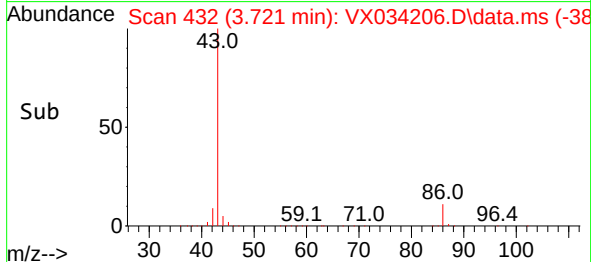
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBS01



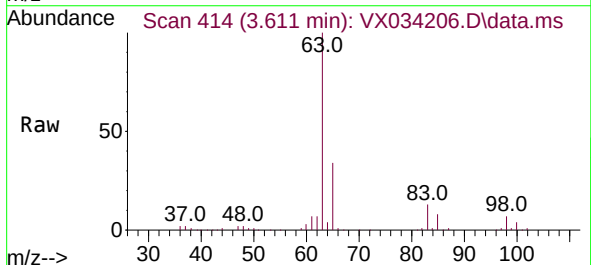
Tgt Ion: 43 Resp: 1022490
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.4 12.6

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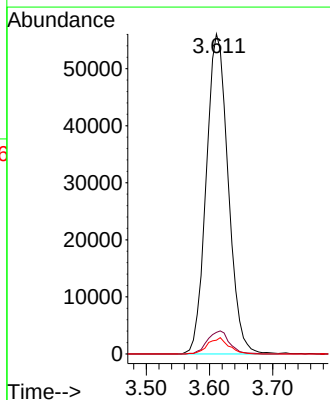
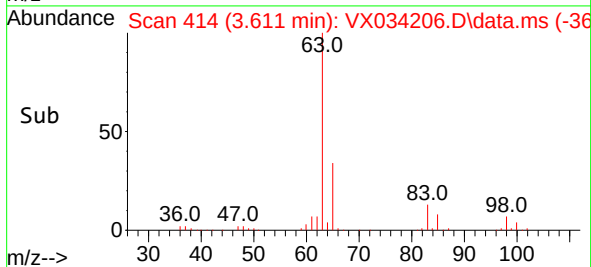
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023

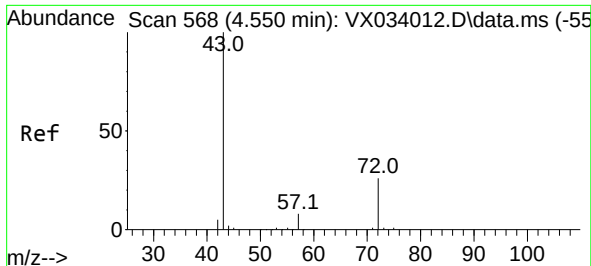


#24
 1,1-Dichloroethane
 Concen: 18.877 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034206.D
 Acq: 21 Feb 2023 13:09



Tgt Ion: 63 Resp: 135098
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.2
 100 4.3 2.4 7.2





#25

2-Butanone

Concen: 91.987 ug/l

RT: 4.556 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX034206.D

Acq: 21 Feb 2023 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tgt Ion: 43 Resp: 299690

Ion Ratio Lower Upper

43 100

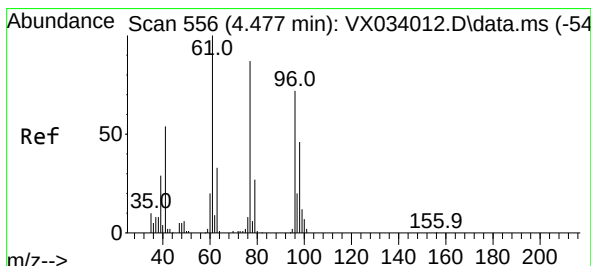
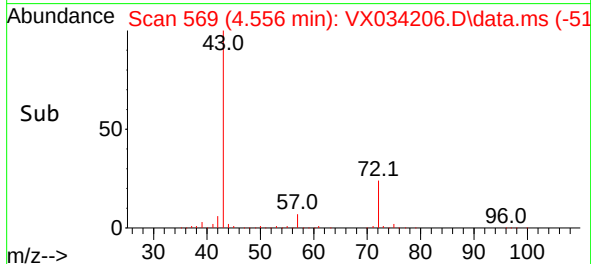
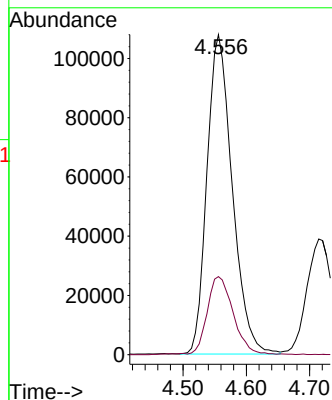
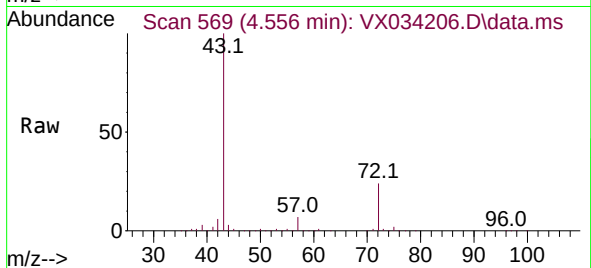
72 24.2 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#26

2,2-Dichloropropane

Concen: 17.668 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.006 min

Lab File: VX034206.D

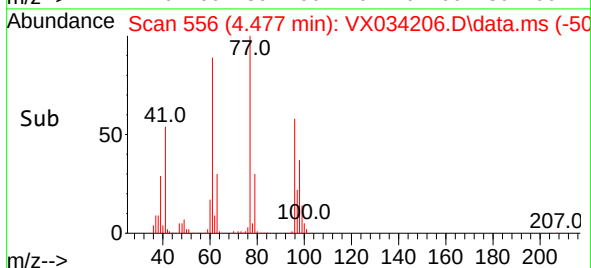
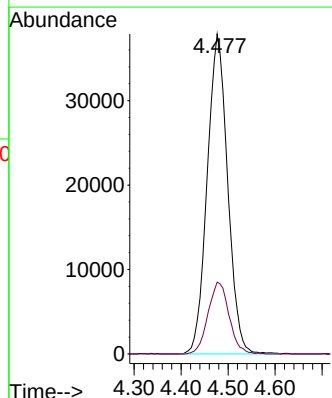
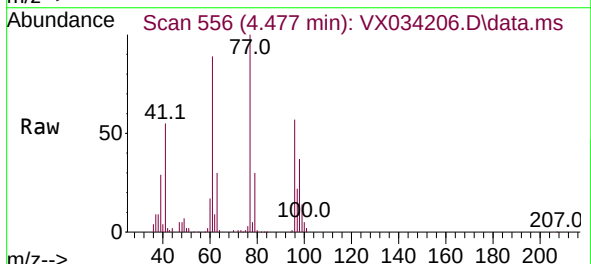
Acq: 21 Feb 2023 13:09

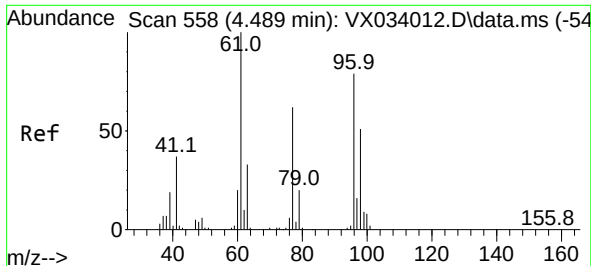
Tgt Ion: 77 Resp: 114547

Ion Ratio Lower Upper

77 100

97 23.1 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 19.806 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX034206.D

Acq: 21 Feb 2023 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

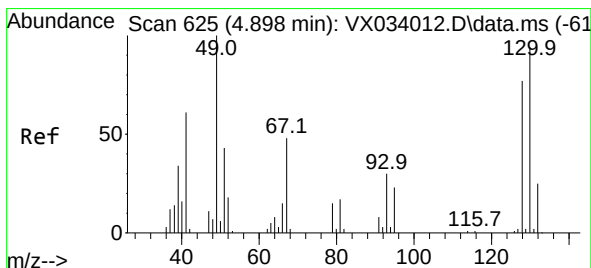
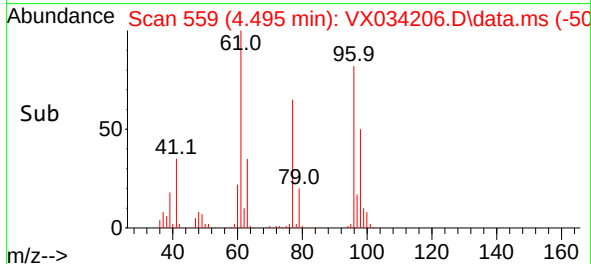
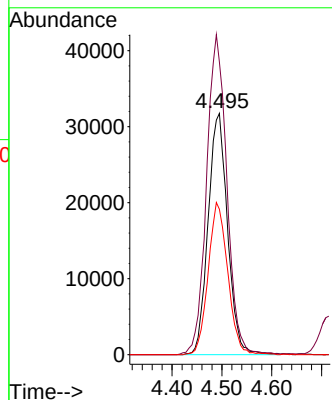
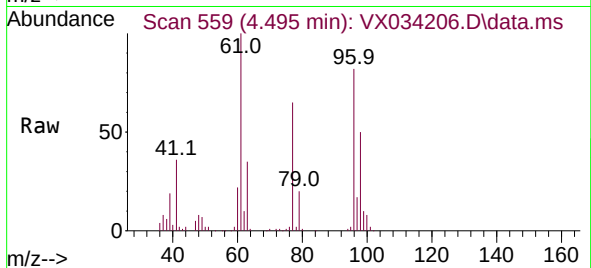
Tgt Ion: 96	Resp: 8615
Ion Ratio	Lower Upper
96 100	
61 138.3	0.0 277.6
98 63.5	0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#28

Bromochloromethane

Concen: 20.234 ug/l

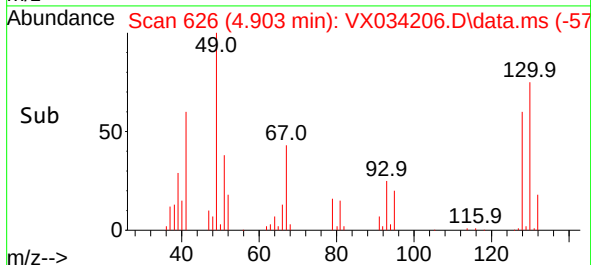
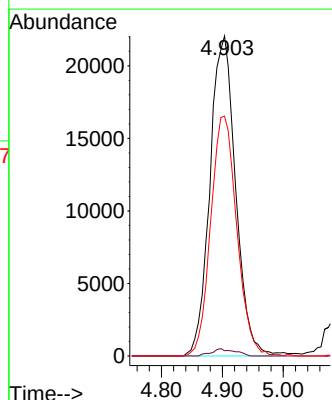
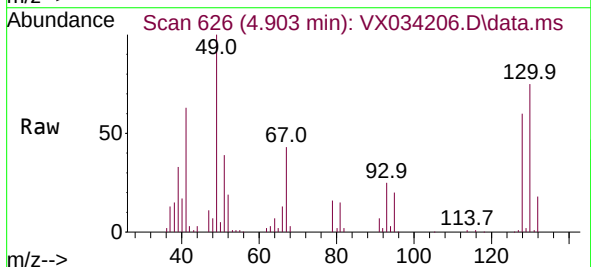
RT: 4.903 min Scan# 626

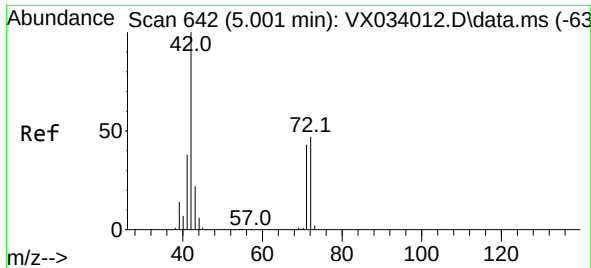
Delta R.T. 0.012 min

Lab File: VX034206.D

Acq: 21 Feb 2023 13:09

Tgt Ion: 49	Resp: 64601
Ion Ratio	Lower Upper
49 100	
129 2.1	0.0 4.6
130 76.0	68.5 102.7





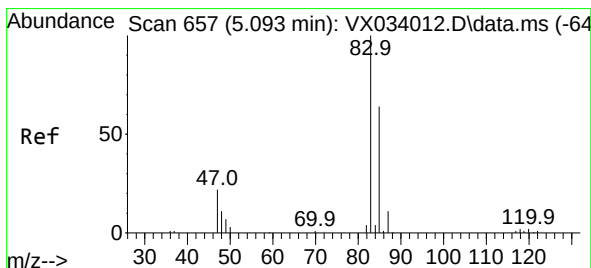
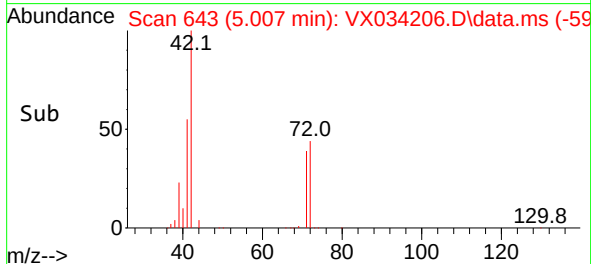
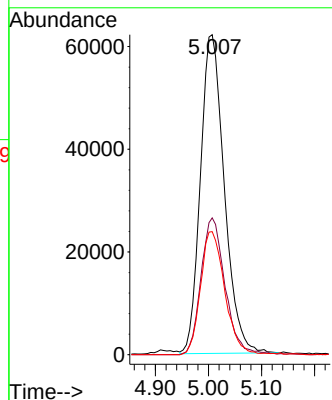
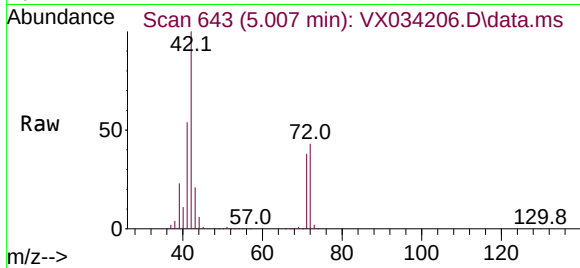
#29
Tetrahydrofuran
Concen: 97.865 ug/l
RT: 5.007 min Scan# 642
Delta R.T. 0.012 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tgt Ion: 42 Resp: 19450
Ion Ratio Lower Upper
42 100
72 43.3 34.8 52.2
71 39.2 32.2 48.2

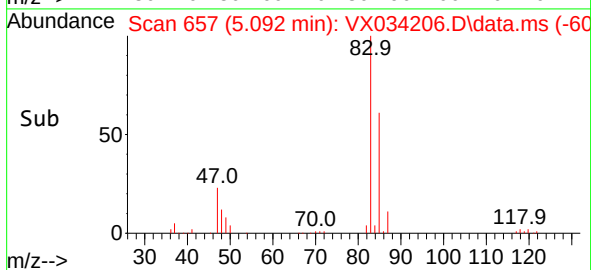
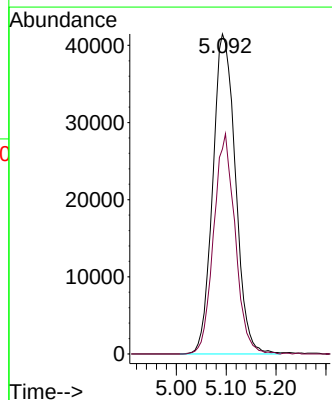
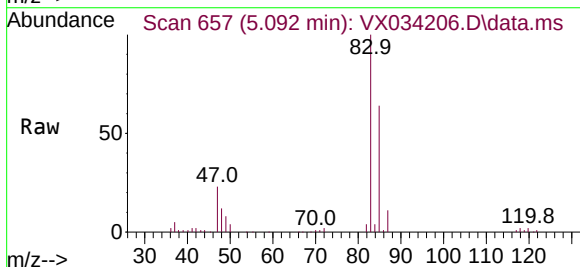
Manual Integrations
APPROVED

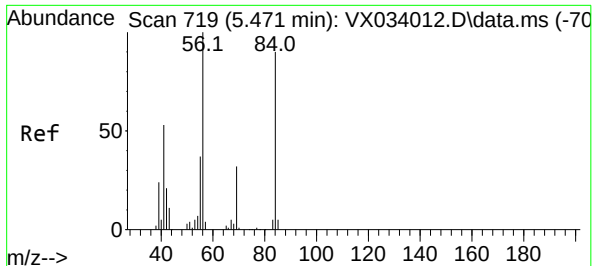
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#30
Chloroform
Concen: 19.039 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

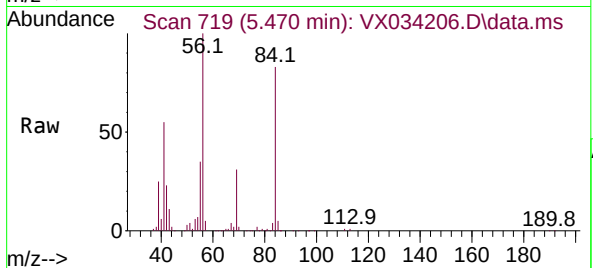
Tgt Ion: 83 Resp: 130844
Ion Ratio Lower Upper
83 100
85 64.1 52.1 78.1





#31
Cyclohexane
Concen: 18.694 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

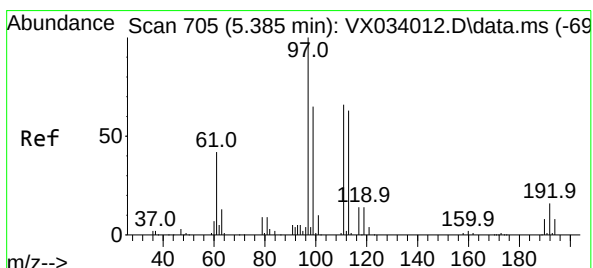
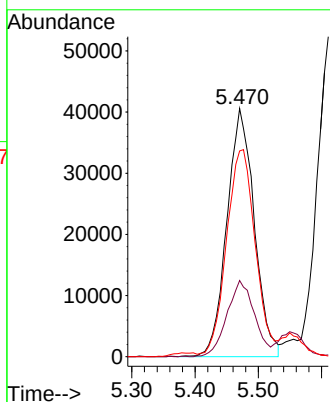
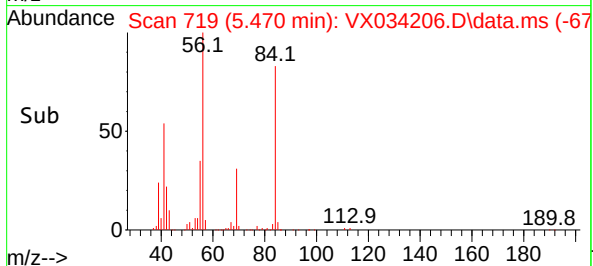
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



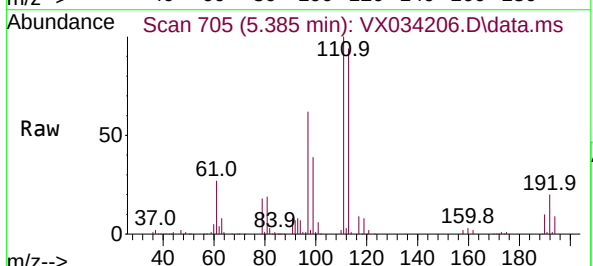
Tgt Ion: 56 Resp: 121829
Ion Ratio Lower Upper
56 100
69 30.7 24.6 37.0
84 81.7 71.0 106.6

Manual Integrations
APPROVED

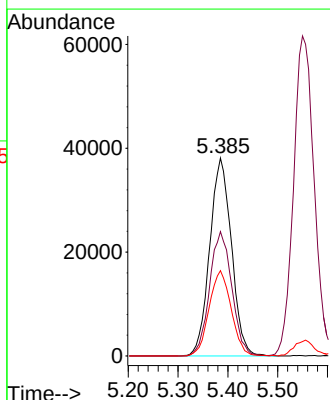
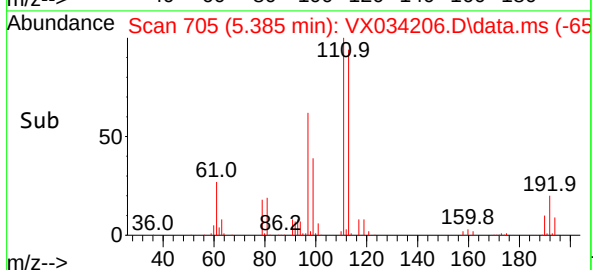
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

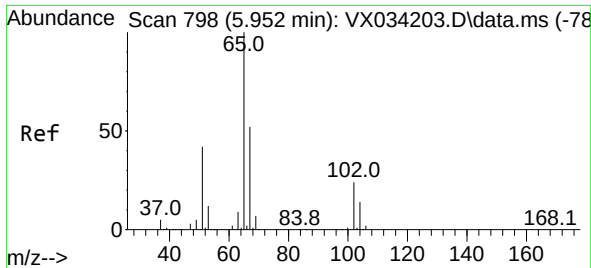


#32
1,1,1-Trichloroethane
Concen: 18.740 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09



Tgt Ion: 97 Resp: 115446
Ion Ratio Lower Upper
97 100
99 64.2 52.3 78.5
61 43.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.828 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034206.D

Acq: 21 Feb 2023 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tgt Ion: 65 Resp: 200038

Ion Ratio Lower Upper

65 100

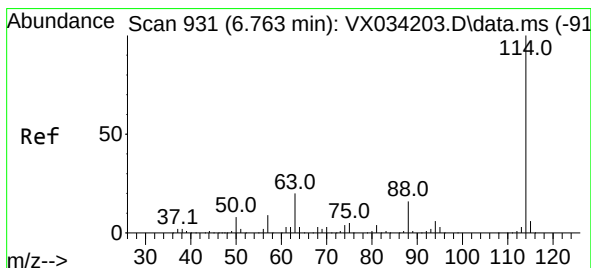
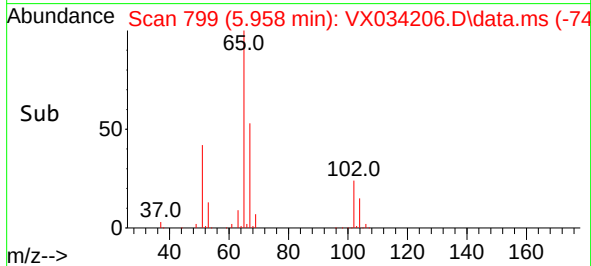
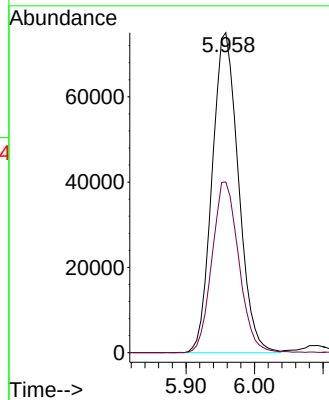
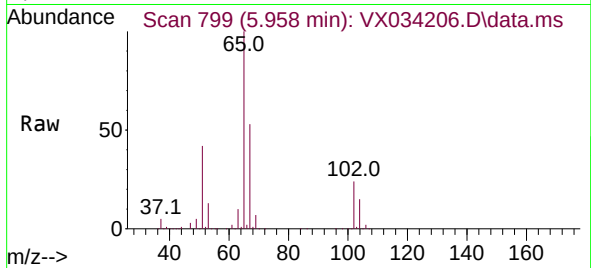
67 54.5 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034206.D

Acq: 21 Feb 2023 13:09

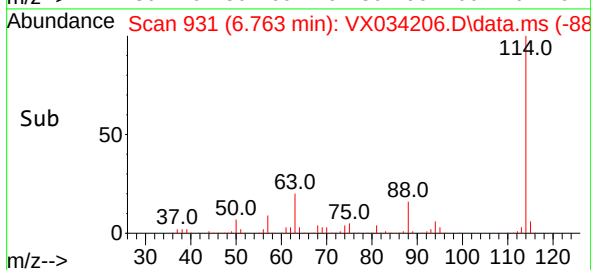
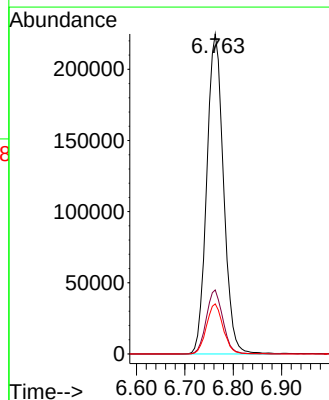
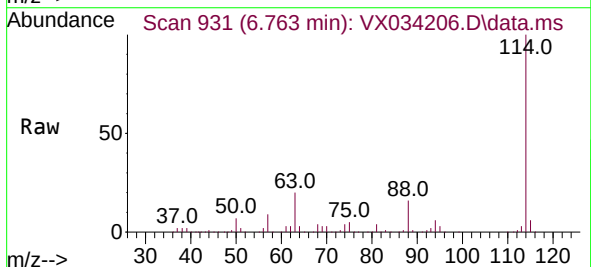
Tgt Ion:114 Resp: 540844

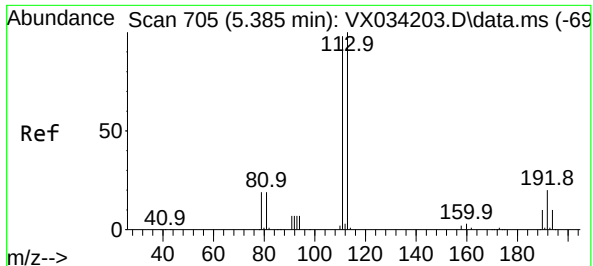
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

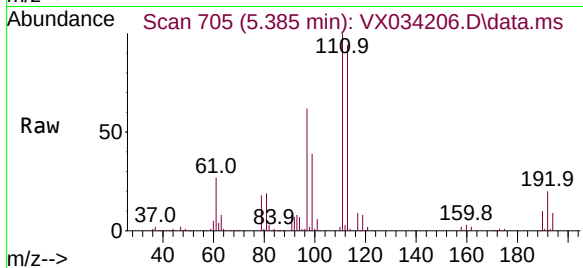
88 15.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.132 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

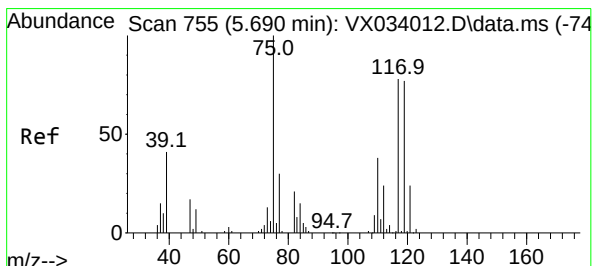
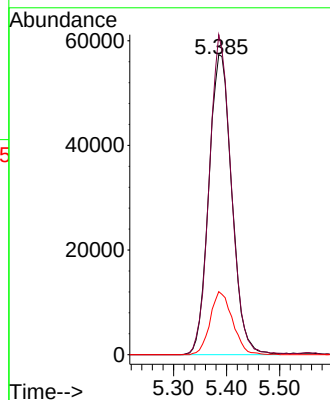
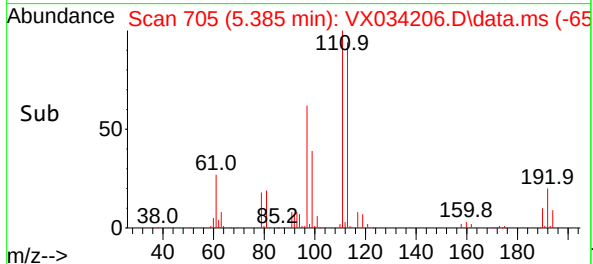
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion:113 Resp: 173014
Ion Ratio Lower Upper
113 100
111 102.0 83.0 124.6
192 20.3 19.0 28.4

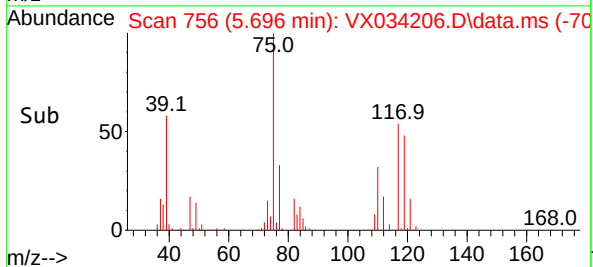
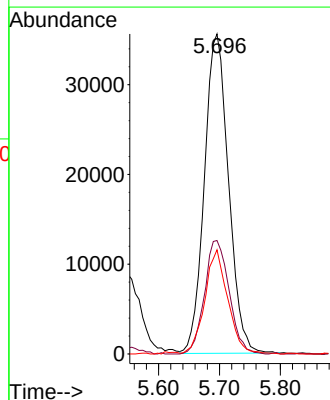
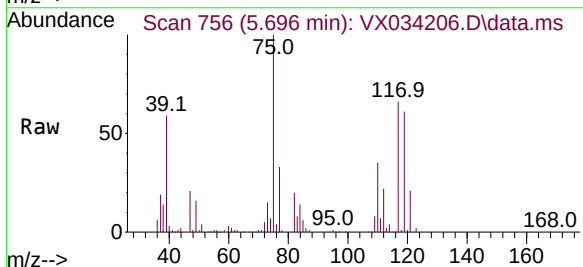
Manual Integrations
APPROVED

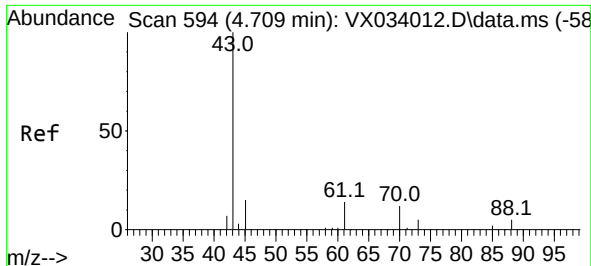
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#36
1,1-Dichloropropene
Concen: 18.823 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

Tgt Ion: 75 Resp: 98027
Ion Ratio Lower Upper
75 100
110 36.2 18.8 56.4
77 31.2 25.1 37.7





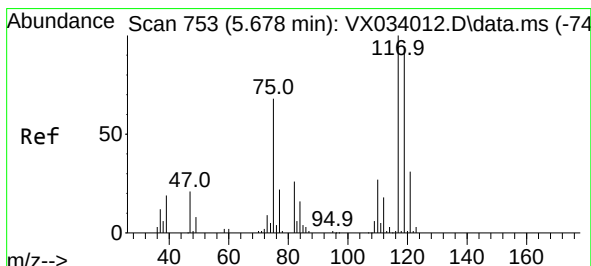
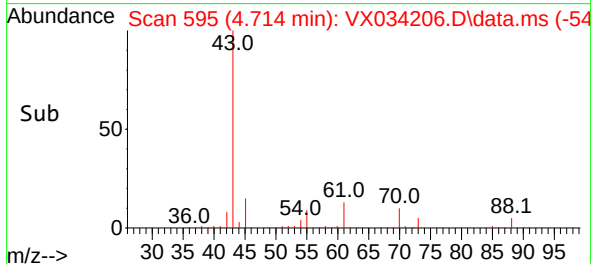
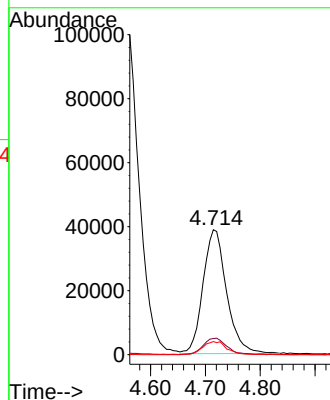
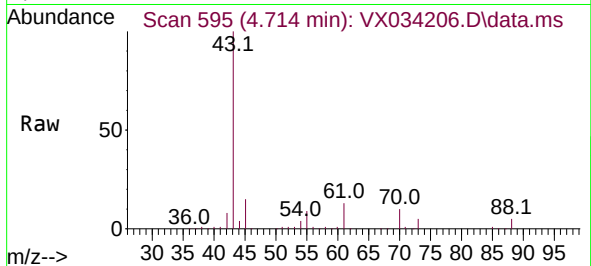
#37
Ethyl Acetate
Concen: 19.874 ug/l
RT: 4.714 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tgt Ion: 43 Resp: 115672
Ion Ratio Lower Upper
43 100
61 12.8 11.1 16.7
70 10.8 8.5 12.7

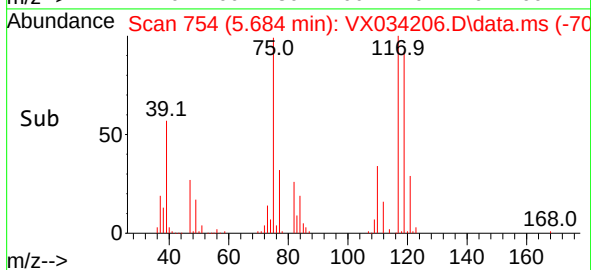
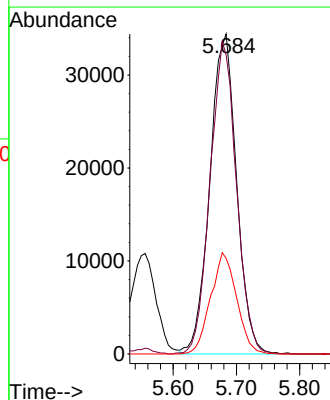
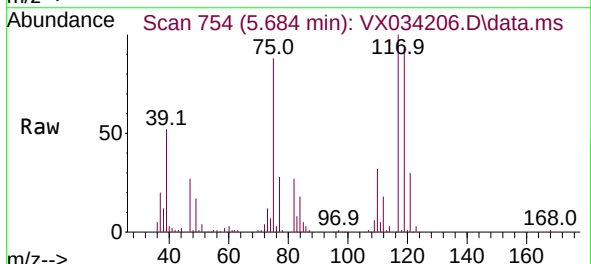
Manual Integrations
APPROVED

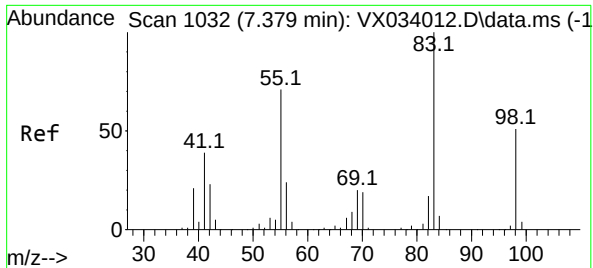
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#38
Carbon Tetrachloride
Concen: 18.855 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.012 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

Tgt Ion:117 Resp: 101044
Ion Ratio Lower Upper
117 100
119 93.3 78.0 117.0
121 29.9 24.4 36.6





#39

Methylcyclohexane

Concen: 18.830 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034206.D

Acq: 21 Feb 2023 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tgt Ion: 83 Resp: 126199

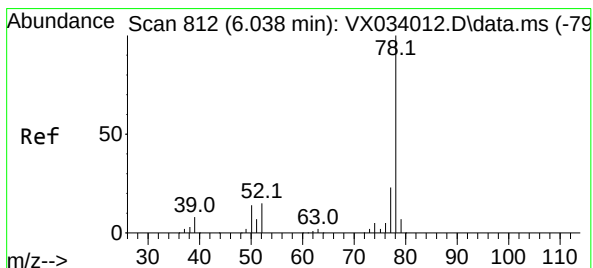
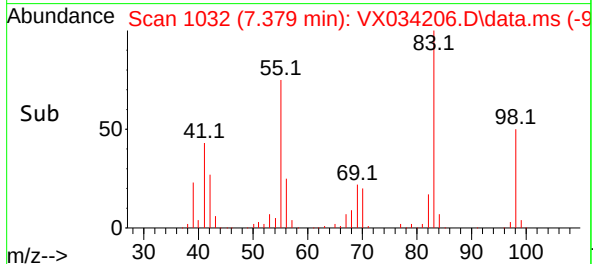
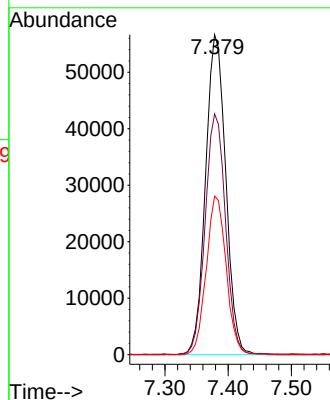
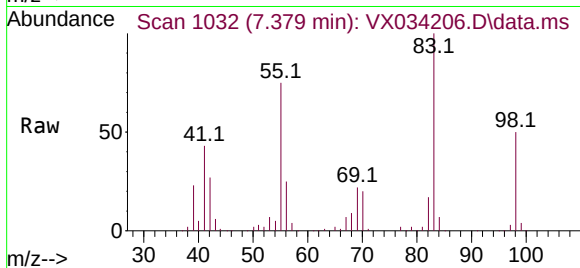
Ion	Ratio	Lower	Upper
83	100		
55	75.1	61.8	92.6
98	49.5	39.3	58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#40

Benzene

Concen: 19.471 ug/l

RT: 6.037 min Scan# 812

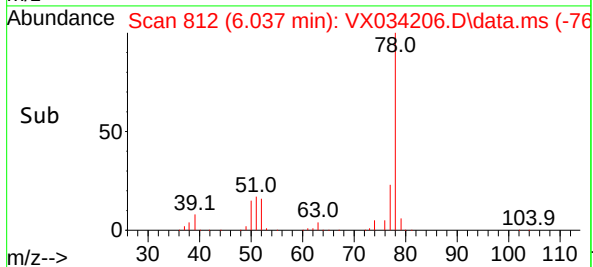
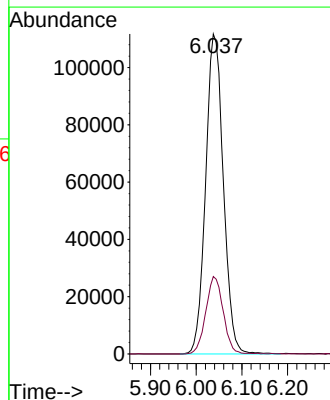
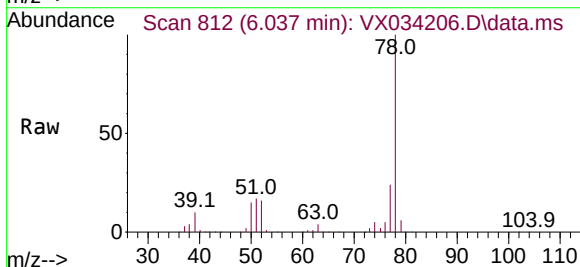
Delta R.T. 0.000 min

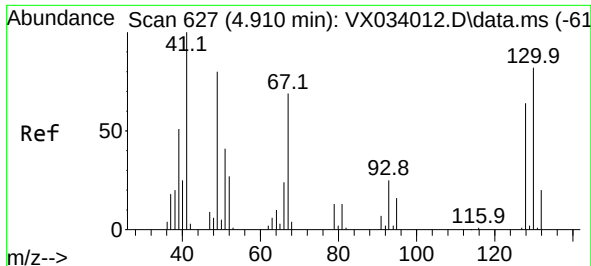
Lab File: VX034206.D

Acq: 21 Feb 2023 13:09

Tgt Ion: 78 Resp: 300504

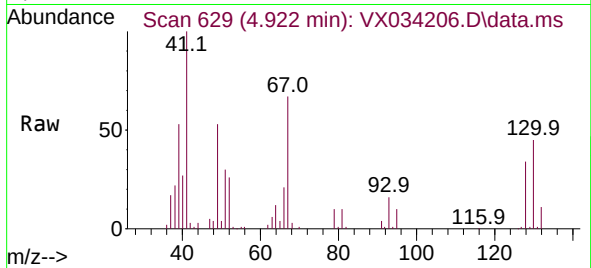
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.0	28.4





#41
Methacrylonitrile
Concen: 19.546 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

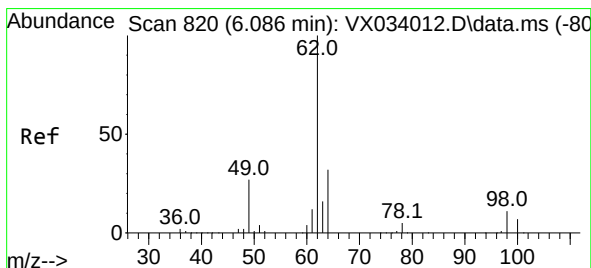
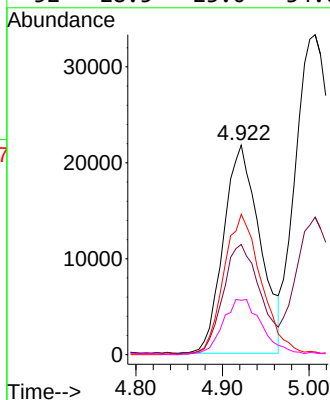
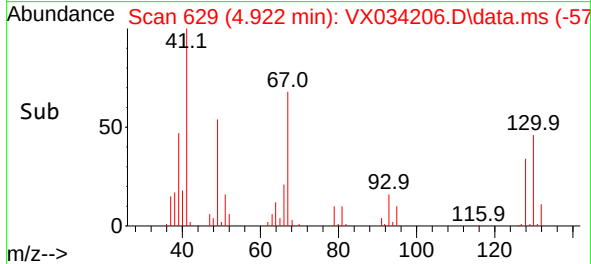
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion: 41 Resp: 63384
Ion Ratio Lower Upper
41 100
39 54.1 43.8 65.6
67 70.3 54.8 82.2
52 28.5 23.0 34.6

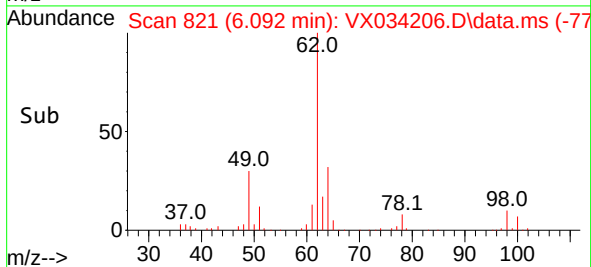
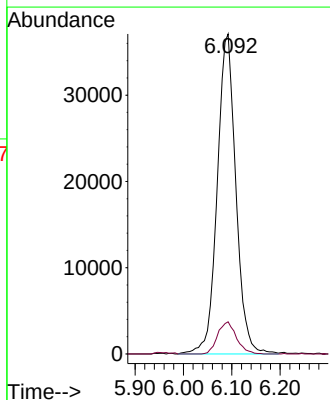
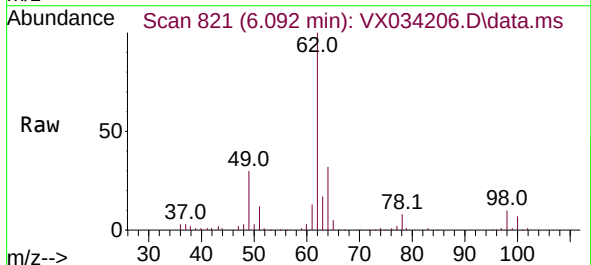
Manual Integrations
APPROVED

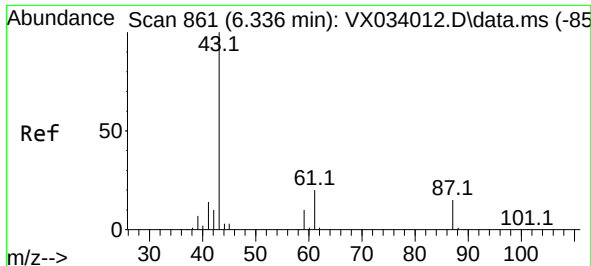
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#42
1,2-Dichloroethane
Concen: 18.272 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

Tgt Ion: 62 Resp: 99178
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.2





#43

Isopropyl Acetate

Concen: 19.152 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX034206.D

Acq: 21 Feb 2023 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tgt Ion: 43 Resp: 19671

Ion Ratio Lower Upper

43 100

61 19.8 15.7 23.5

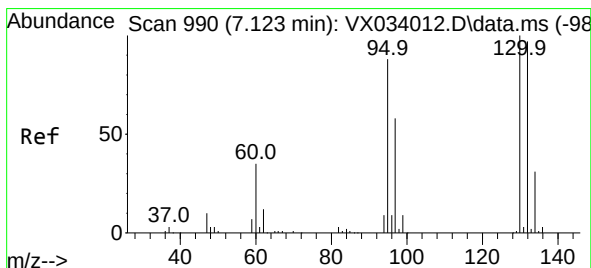
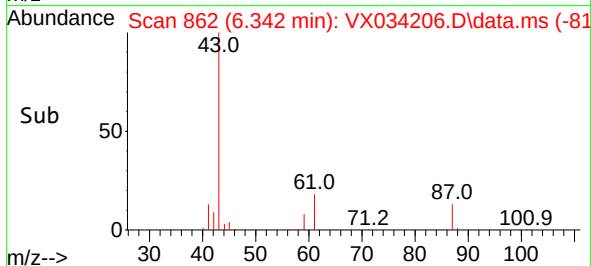
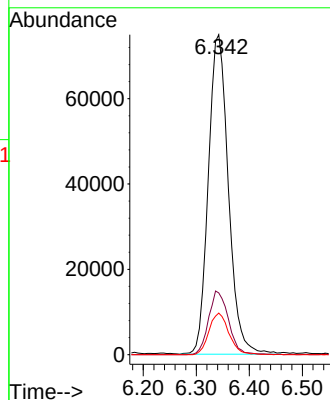
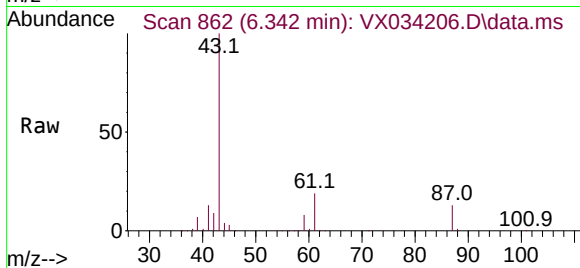
87 13.0 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#44

Trichloroethene

Concen: 19.509 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX034206.D

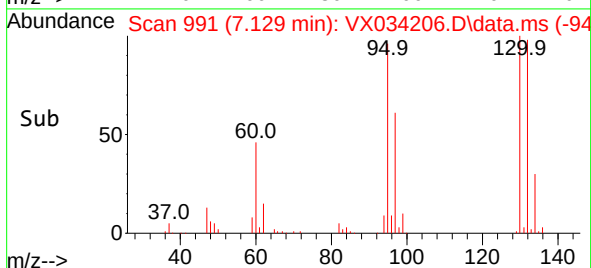
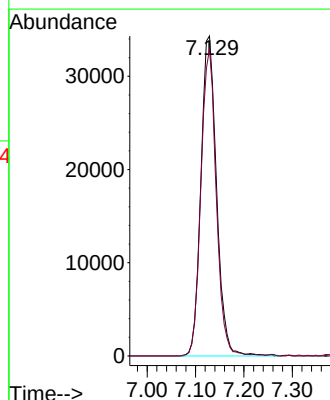
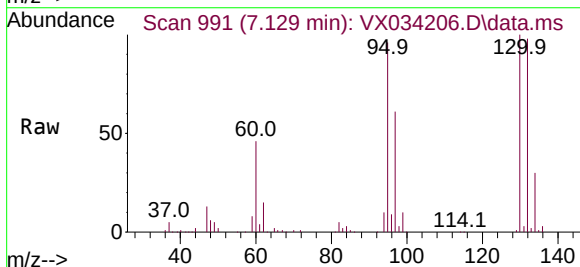
Acq: 21 Feb 2023 13:09

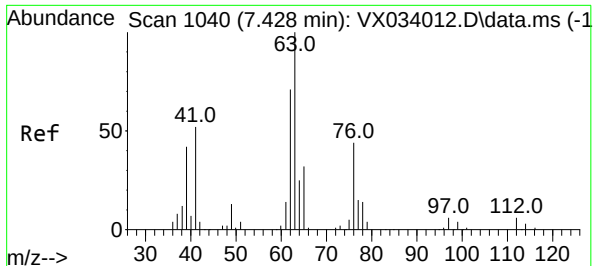
Tgt Ion:130 Resp: 77264

Ion Ratio Lower Upper

130 100

95 95.9 0.0 182.6





#45

1,2-Dichloropropane

Concen: 19.597 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX034206.D

Acq: 21 Feb 2023 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tgt Ion: 63 Resp: 80514

Ion Ratio Lower Upper

63 100

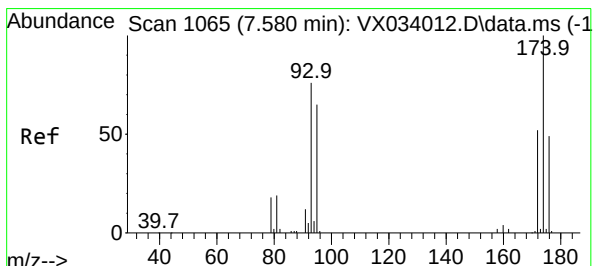
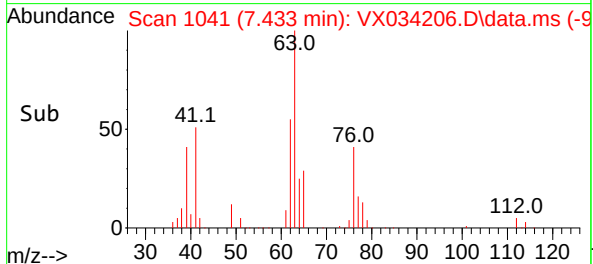
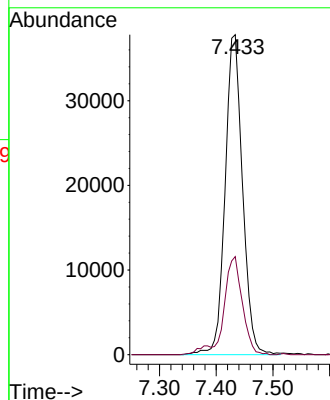
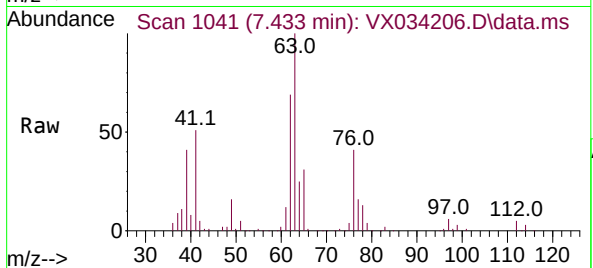
65 30.7 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#46

Dibromomethane

Concen: 18.993 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX034206.D

Acq: 21 Feb 2023 13:09

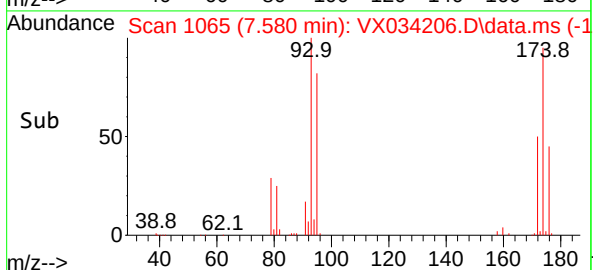
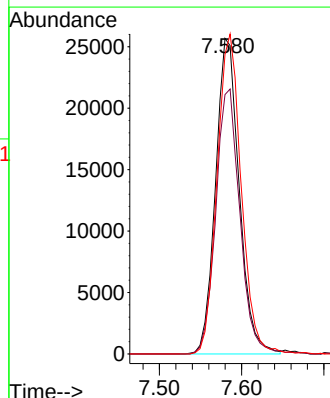
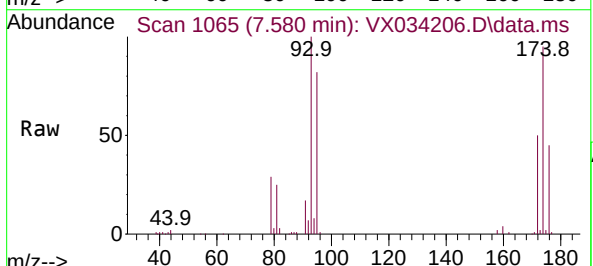
Tgt Ion: 93 Resp: 51355

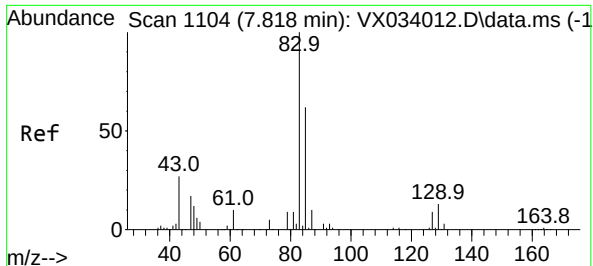
Ion Ratio Lower Upper

93 100

95 85.7 67.6 101.4

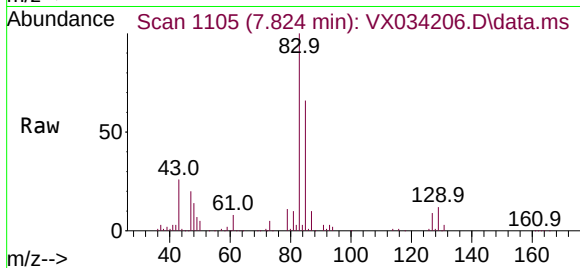
174 103.9 97.4 146.0





#47
Bromodichloromethane
Concen: 18.774 ug/l
RT: 7.824 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

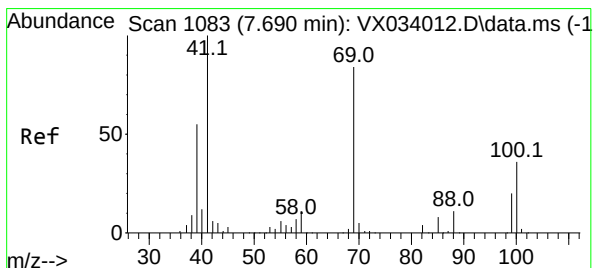
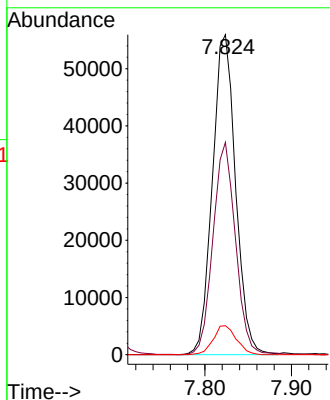
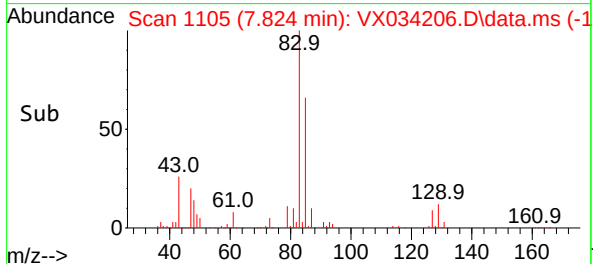
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion: 83 Resp: 104174
Ion Ratio Lower Upper
83 100
85 66.3 49.8 74.6
127 9.1 7.0 10.4

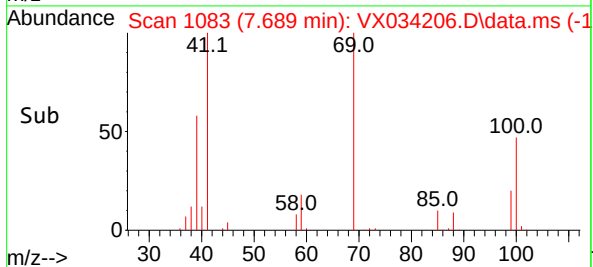
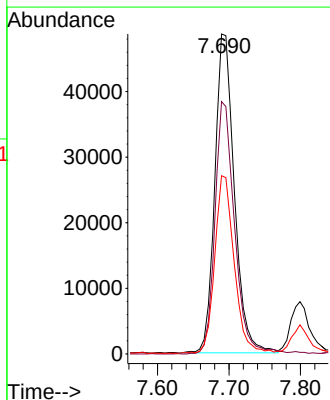
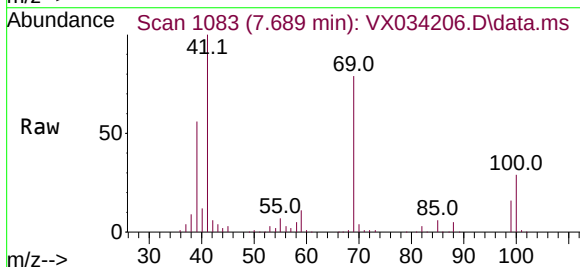
Manual Integrations
APPROVED

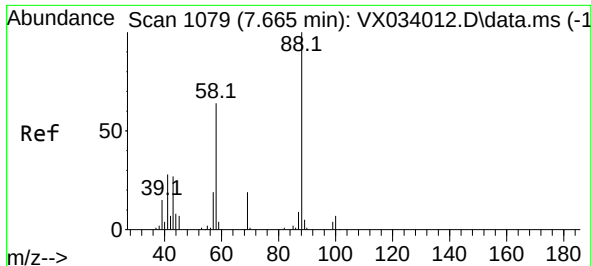
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#48
Methyl methacrylate
Concen: 18.958 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

Tgt Ion: 41 Resp: 92417
Ion Ratio Lower Upper
41 100
69 79.2 63.1 94.7
39 55.6 43.2 64.8





#49

1,4-Dioxane

Concen: 388.679 ug/l

RT: 7.659 min Scan# 1079

Delta R.T. 0.006 min

Lab File: VX034206.D

Acq: 21 Feb 2023 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

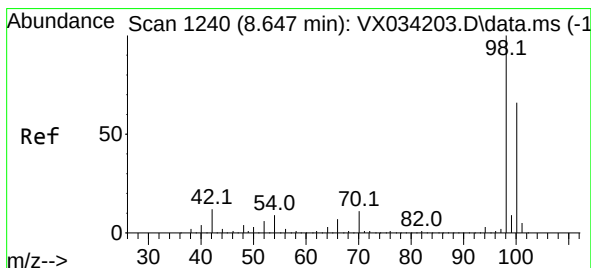
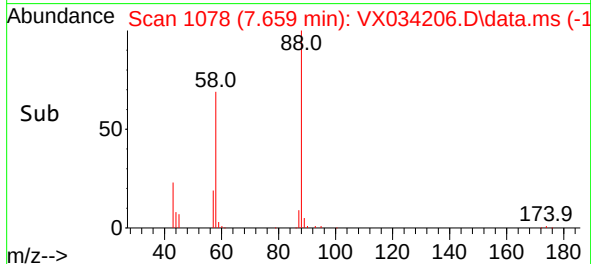
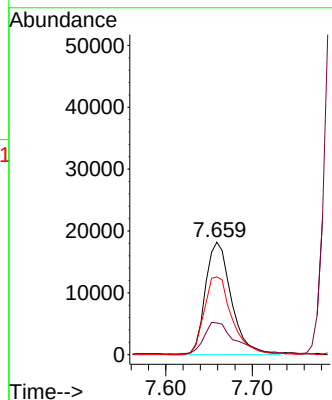
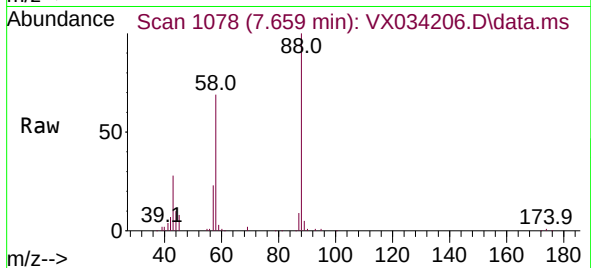
Tgt Ion: 88 Resp: 3779
 Ion Ratio Lower Upper
 88 100
 43 34.0 0.0 0.0
 58 73.9 56.5 84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#50

Toluene-d8

Concen: 51.101 ug/l

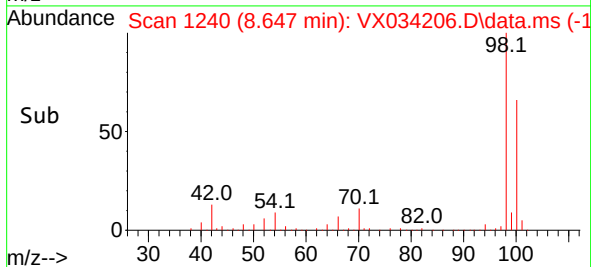
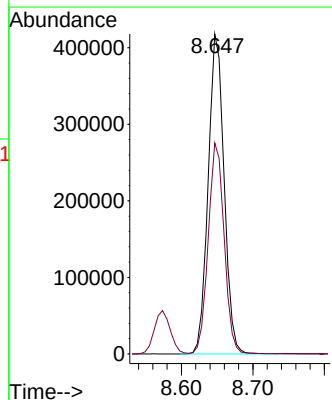
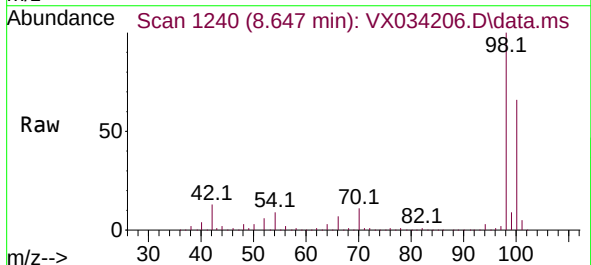
RT: 8.647 min Scan# 1240

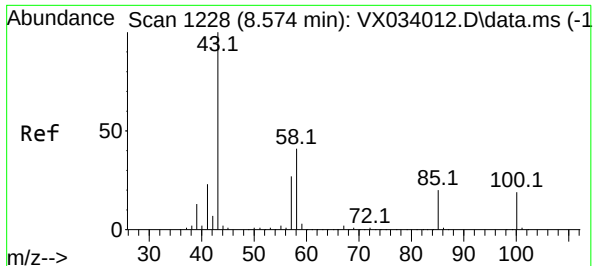
Delta R.T. 0.000 min

Lab File: VX034206.D

Acq: 21 Feb 2023 13:09

Tgt Ion: 98 Resp: 646078
 Ion Ratio Lower Upper
 98 100
 100 65.9 53.6 80.4





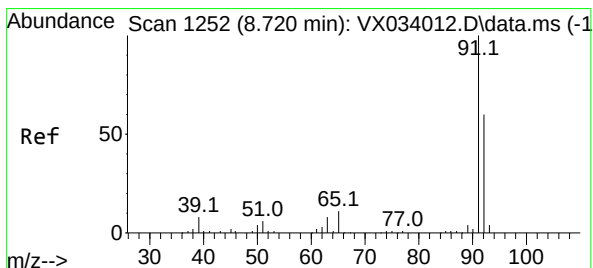
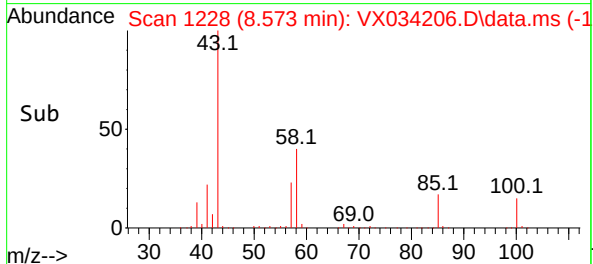
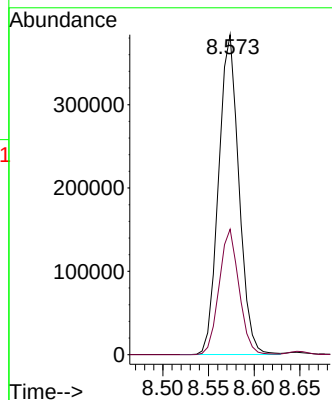
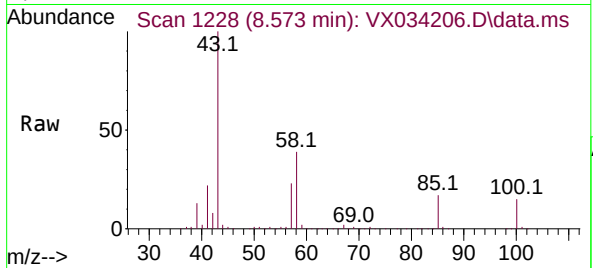
#51
4-Methyl-2-Pentanone
Concen: 105.101 ug/l
RT: 8.573 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tgt Ion: 43 Resp: 59390
Ion Ratio Lower Upper
43 100
58 38.4 31.2 46.8

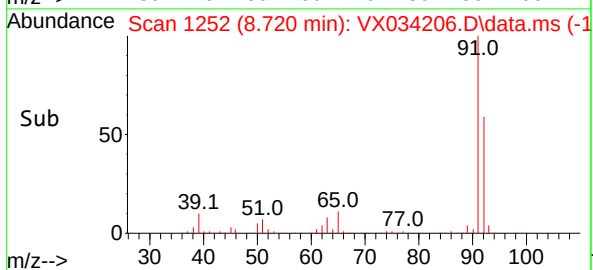
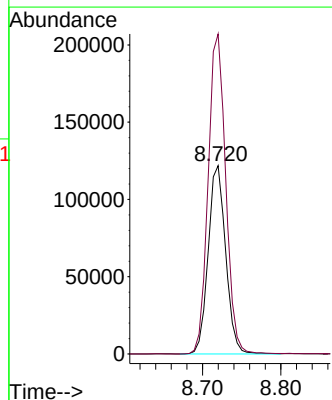
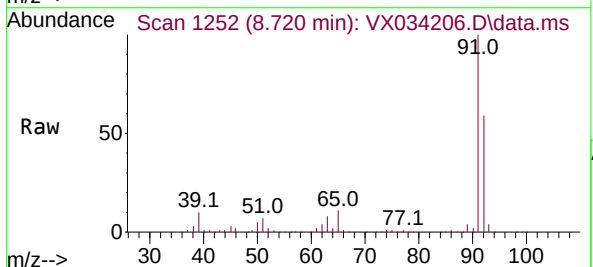
Manual Integrations
APPROVED

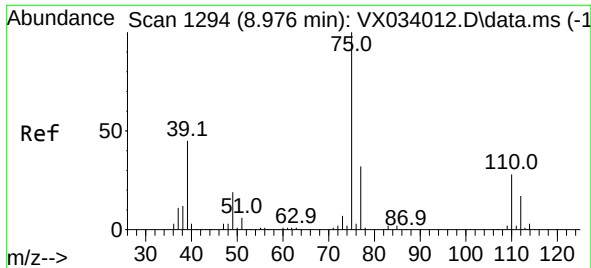
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#52
Toluene
Concen: 20.190 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

Tgt Ion: 92 Resp: 188806
Ion Ratio Lower Upper
92 100
91 170.7 135.5 203.3





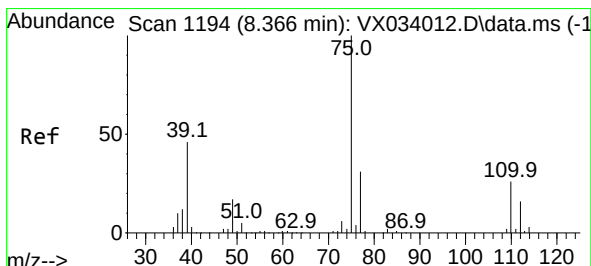
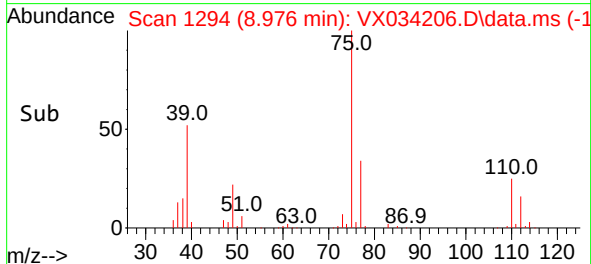
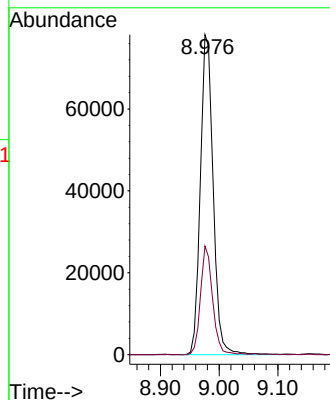
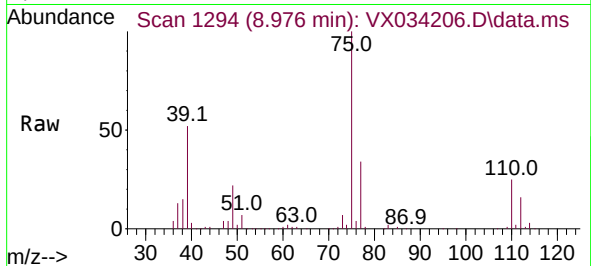
#53
 t-1,3-Dichloropropene
 Concen: 18.549 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX034206.D
 Acq: 21 Feb 2023 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBS01

Tgt Ion: 75 Resp: 118475
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.5 38.3

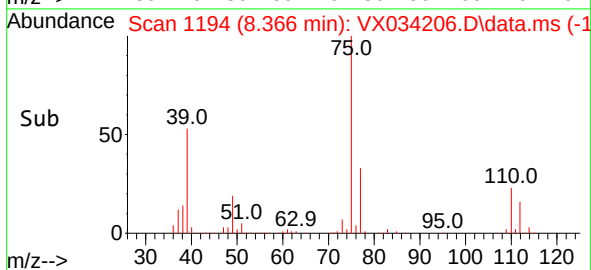
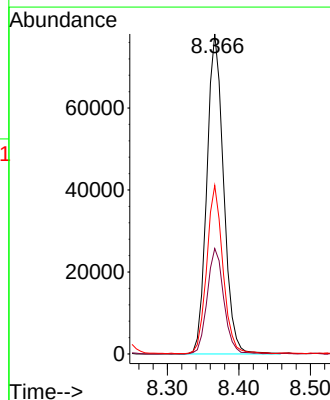
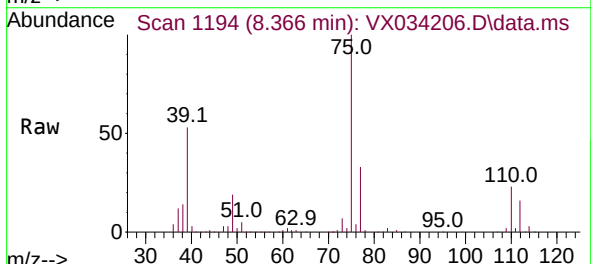
Manual Integrations
 APPROVED

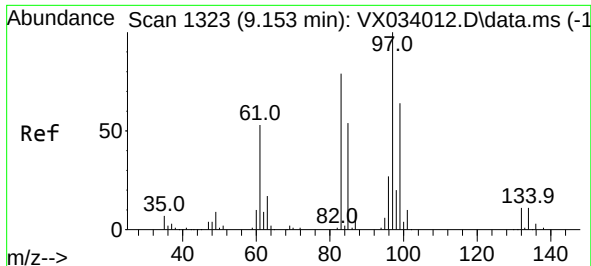
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023



#54
 cis-1,3-Dichloropropene
 Concen: 18.577 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX034206.D
 Acq: 21 Feb 2023 13:09

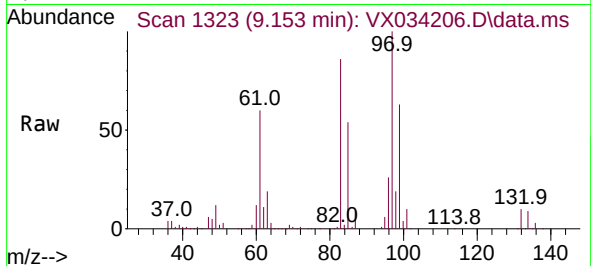
Tgt Ion: 75 Resp: 127024
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.0 37.6
 39 52.5 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 20.172 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

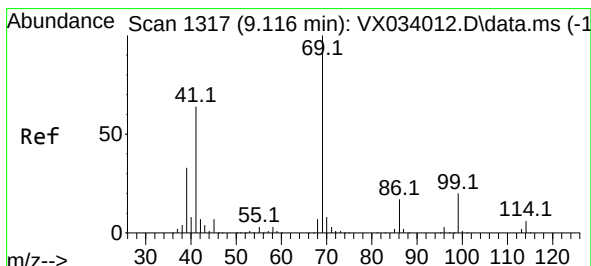
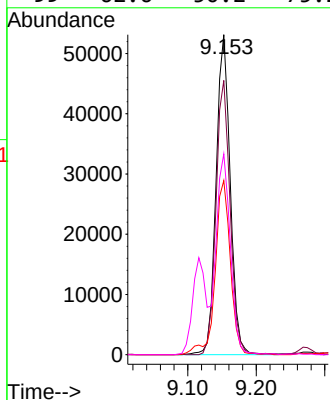
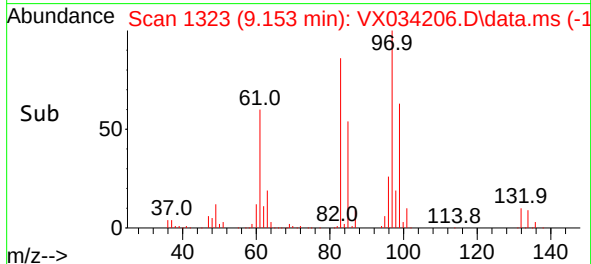


Tgt Ion: 97 Resp: 76140

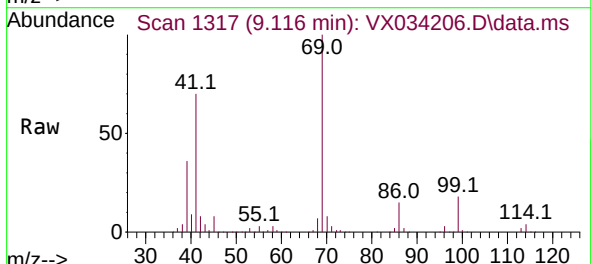
Ion	Ratio	Lower	Upper
97	100		
83	85.6	67.4	101.0
85	54.4	43.2	64.8
99	62.6	50.2	75.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

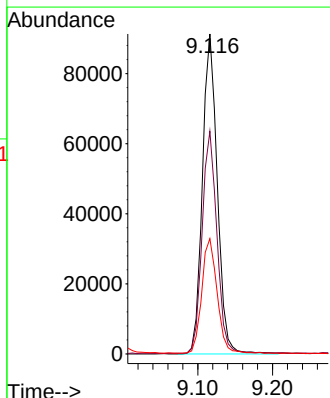
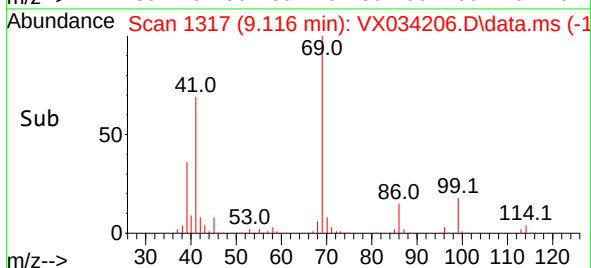


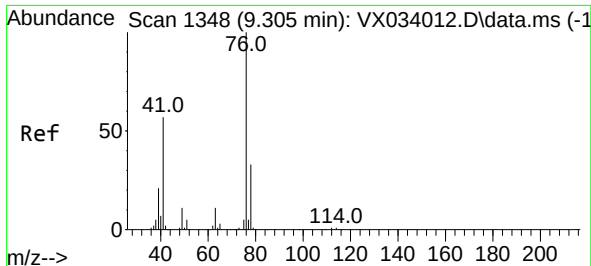
#56
Ethyl methacrylate
Concen: 19.769 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09



Tgt Ion: 69 Resp: 126234

Ion	Ratio	Lower	Upper
69	100		
41	69.0	55.1	82.7
39	37.2	28.5	42.7





#57

1,3-Dichloropropane

Concen: 20.023 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. 0.006 min

Lab File: VX034206.D

Acq: 21 Feb 2023 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tgt Ion: 76 Resp: 131498

Ion Ratio Lower Upper

76 100

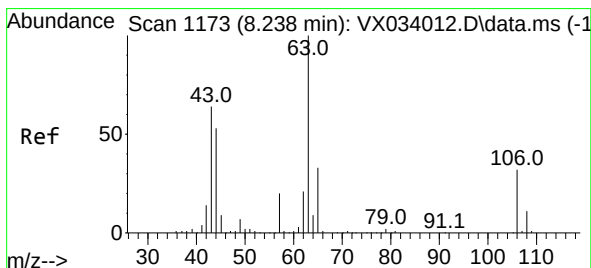
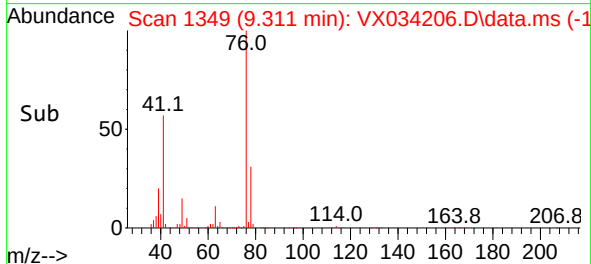
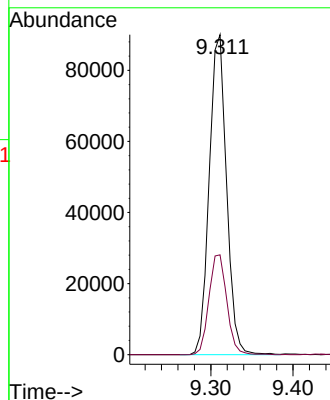
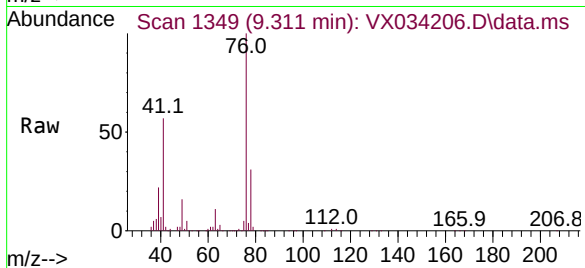
78 32.2 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 100.852 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034206.D

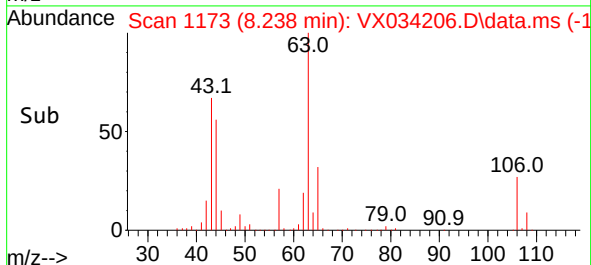
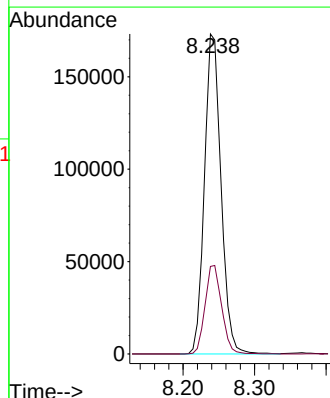
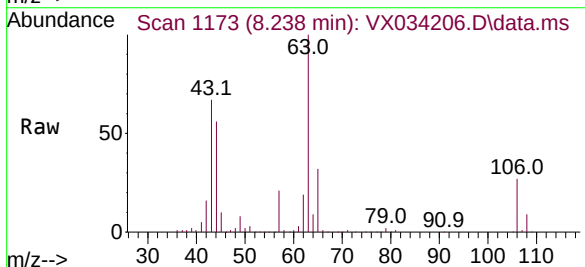
Acq: 21 Feb 2023 13:09

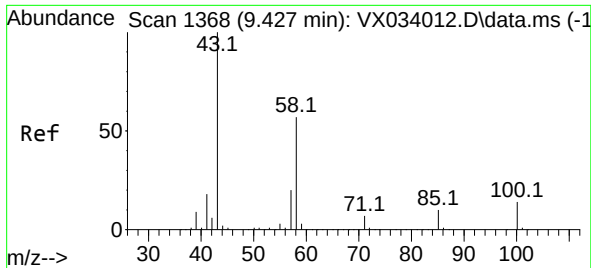
Tgt Ion: 63 Resp: 278968

Ion Ratio Lower Upper

63 100

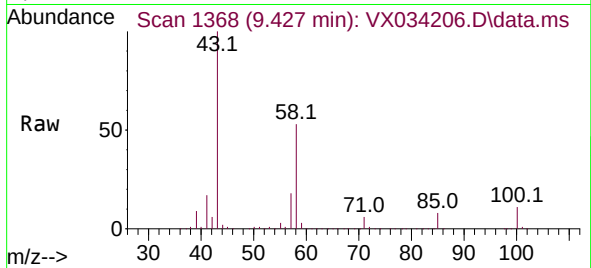
106 27.7 24.5 36.7





#59
2-Hexanone
Concen: 103.944 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

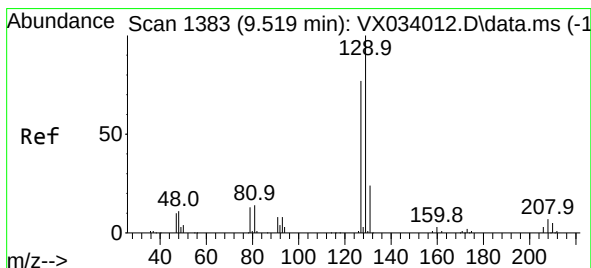
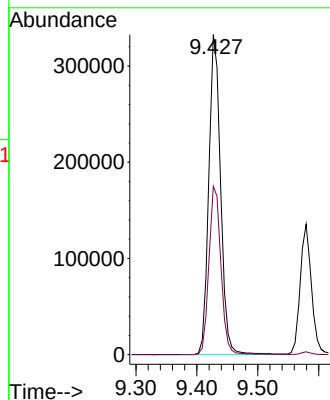
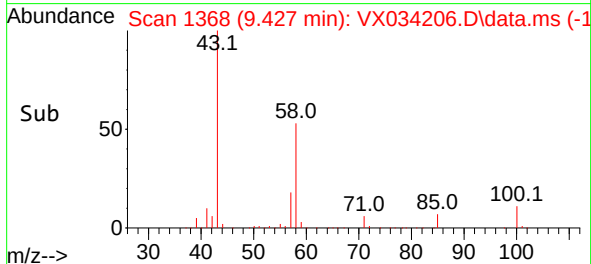
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion: 43 Resp: 447635
Ion Ratio Lower Upper
43 100
58 53.4 27.4 82.0

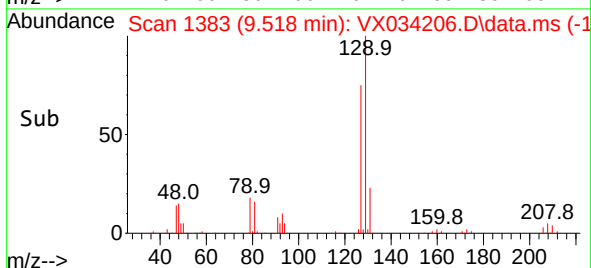
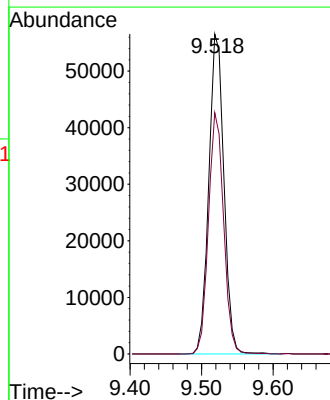
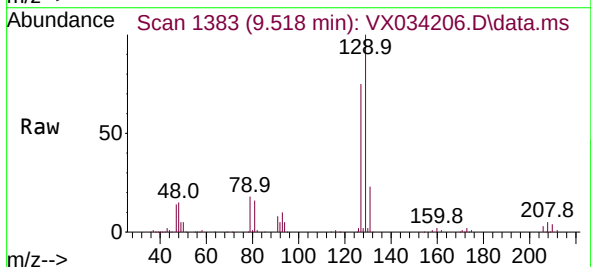
Manual Integrations
APPROVED

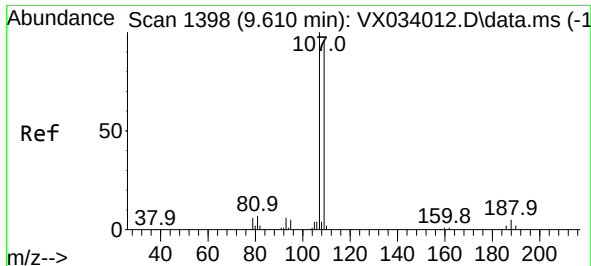
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#60
Dibromochloromethane
Concen: 19.891 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

Tgt Ion:129 Resp: 82960
Ion Ratio Lower Upper
129 100
127 75.7 38.8 116.3





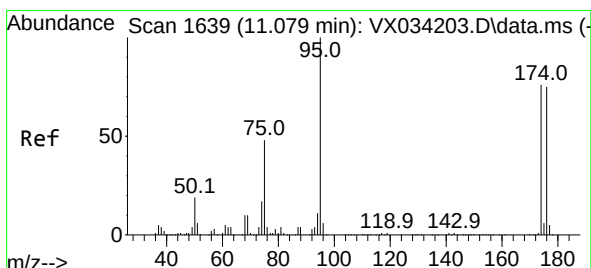
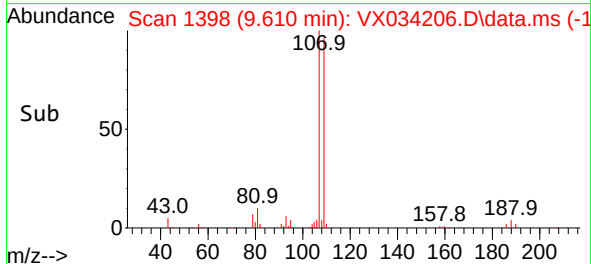
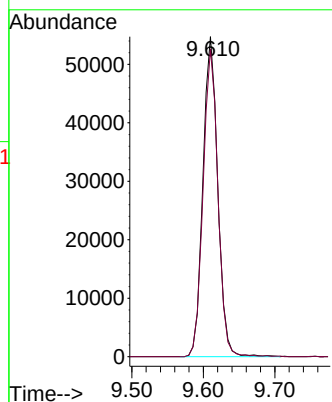
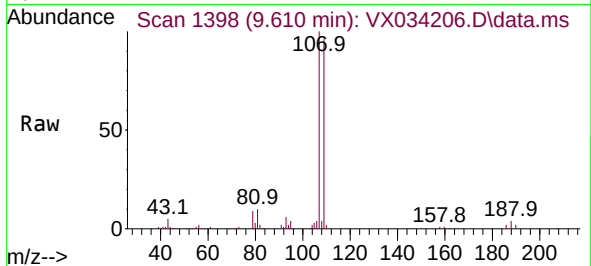
#61
1,2-Dibromoethane
Concen: 19.745 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tgt Ion:107 Resp: 7882
Ion Ratio Lower Upper
107 100
109 96.3 74.2 111.2

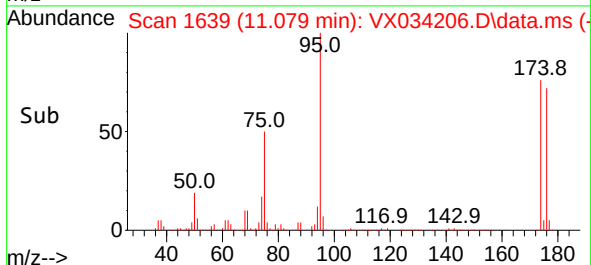
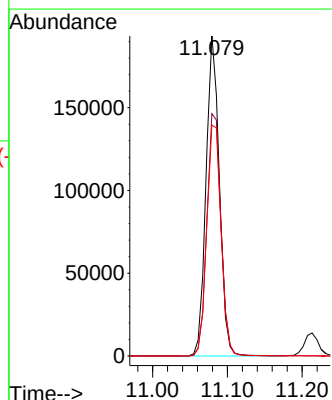
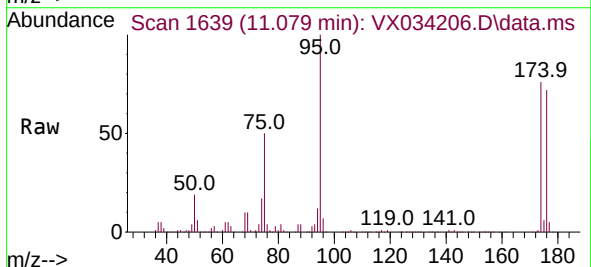
Manual Integrations
APPROVED

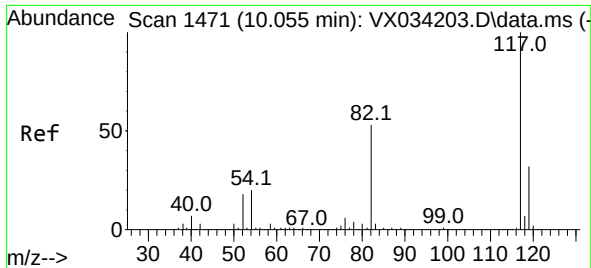
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#62
4-Bromofluorobenzene
Concen: 49.430 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

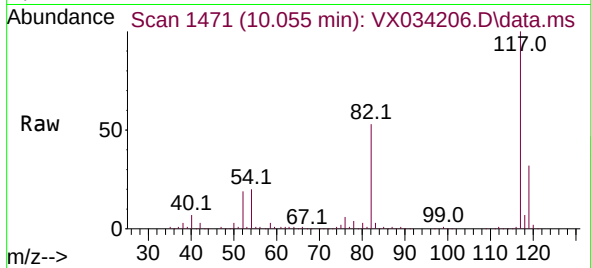
Tgt Ion: 95 Resp: 239048
Ion Ratio Lower Upper
95 100
174 80.1 0.0 184.4
176 77.6 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

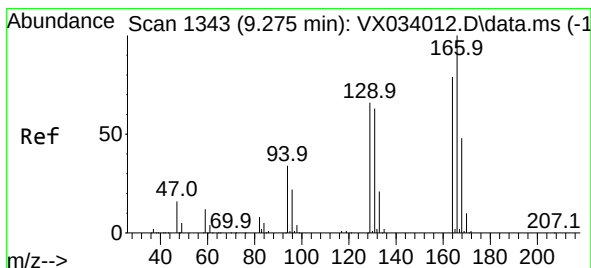
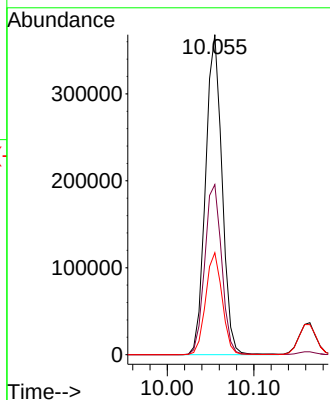
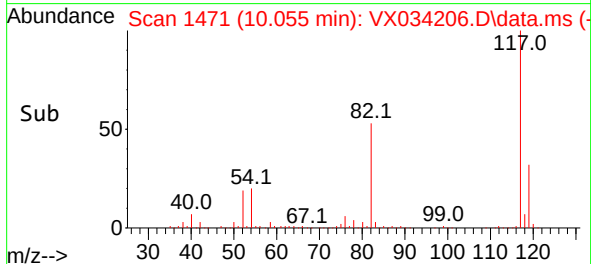
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion:117 Resp: 48643
Ion Ratio Lower Upper
117 100
82 53.2 40.6 60.8
119 31.8 25.6 38.4

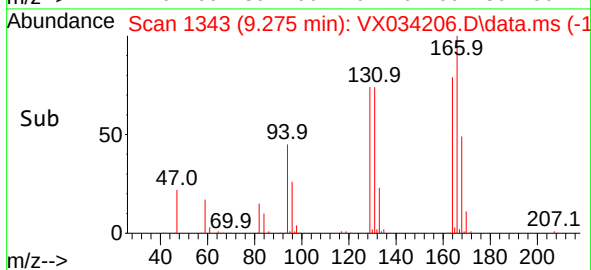
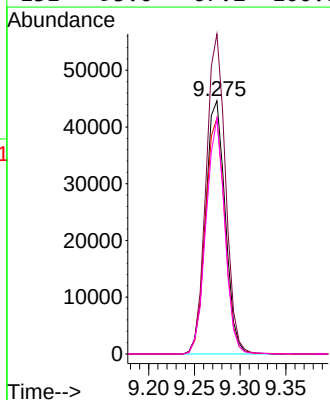
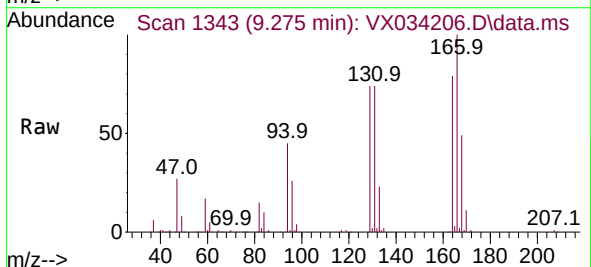
Manual Integrations
APPROVED

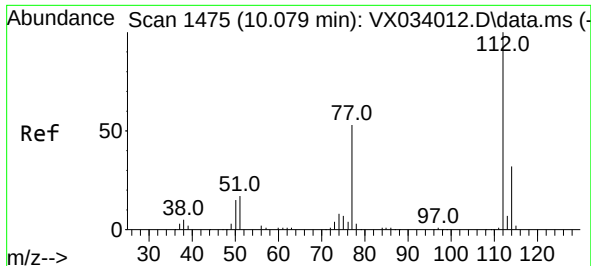
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#64
Tetrachloroethene
Concen: 19.361 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

Tgt Ion:164 Resp: 66470
Ion Ratio Lower Upper
164 100
166 126.4 100.2 150.2
129 93.2 69.2 103.8
131 93.0 67.2 100.8





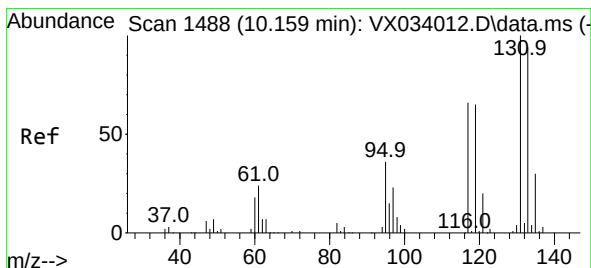
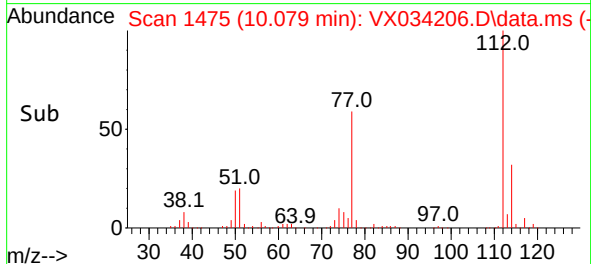
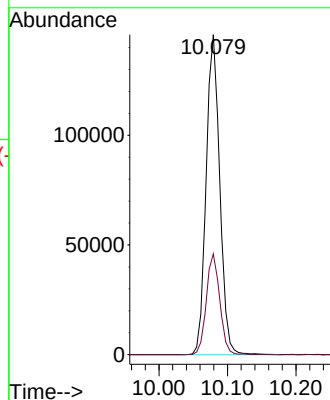
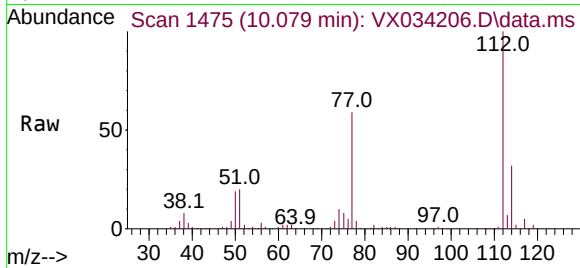
#65
Chlorobenzene
Concen: 19.902 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tgt Ion:112 Resp: 20180
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.4

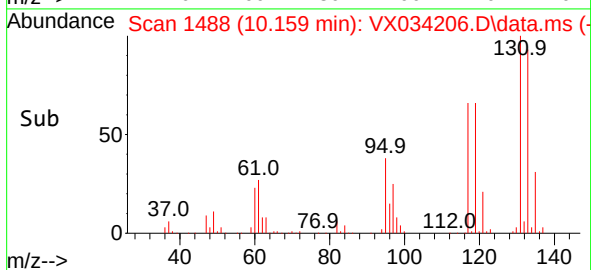
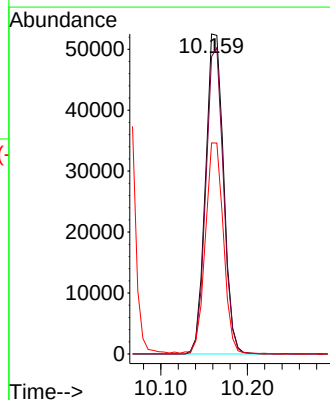
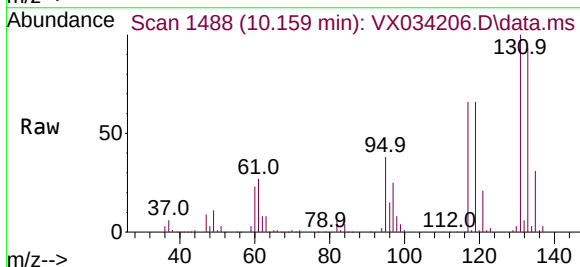
Manual Integrations
APPROVED

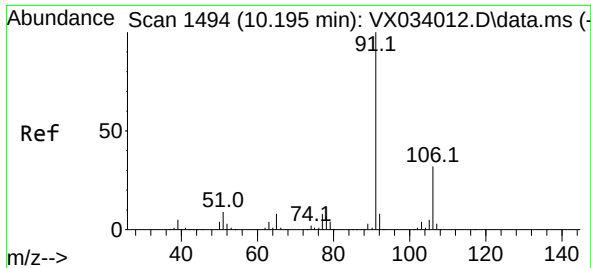
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.420 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

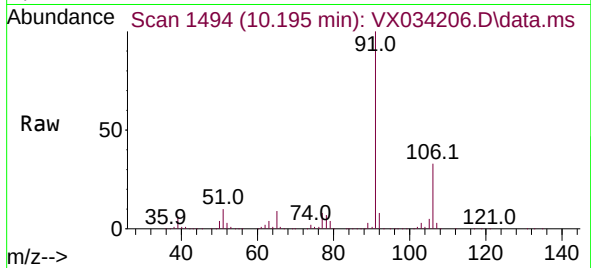
Tgt Ion:131 Resp: 76229
Ion Ratio Lower Upper
131 100
133 93.1 48.4 145.0
119 65.8 31.9 95.7





#67
Ethyl Benzene
Concen: 19.581 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

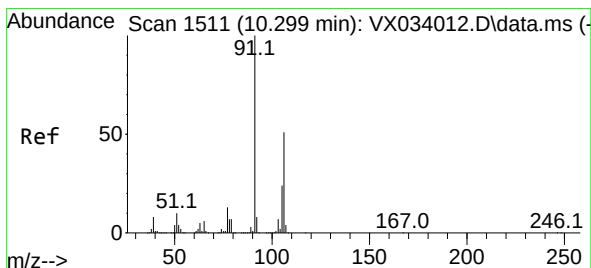
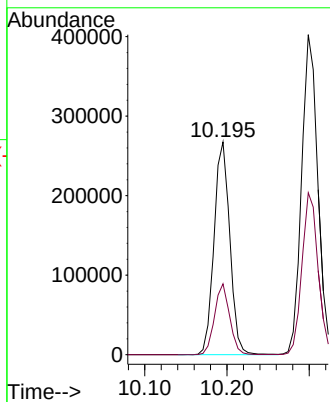
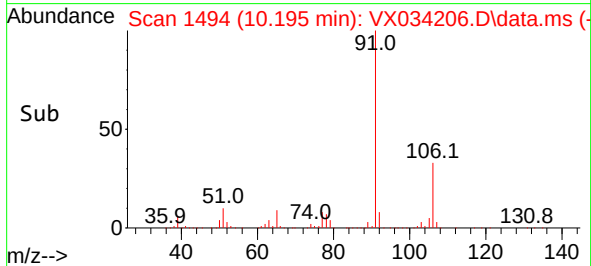
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



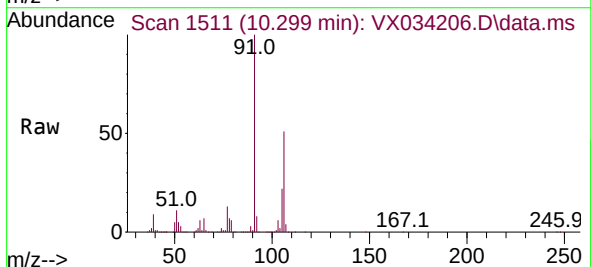
Tgt Ion: 91 Resp: 356692
Ion Ratio Lower Upper
91 100
106 33.3 25.8 38.8

Manual Integrations
APPROVED

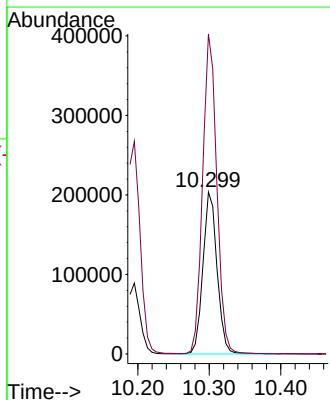
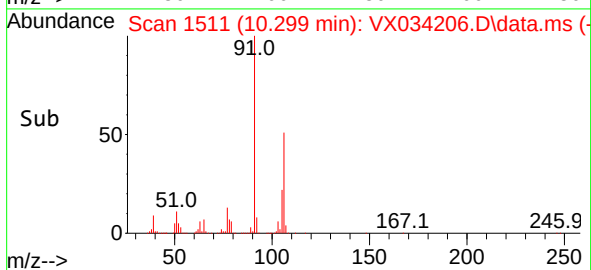
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

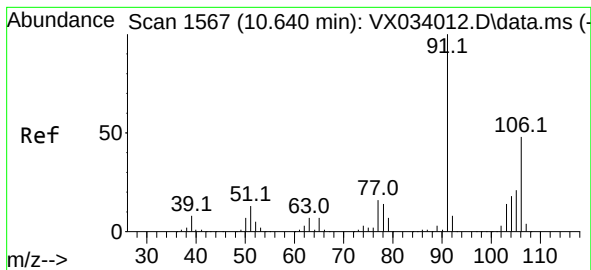


#68
m/p-Xylenes
Concen: 40.024 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09



Tgt Ion:106 Resp: 279016
Ion Ratio Lower Upper
106 100
91 198.8 156.4 234.6





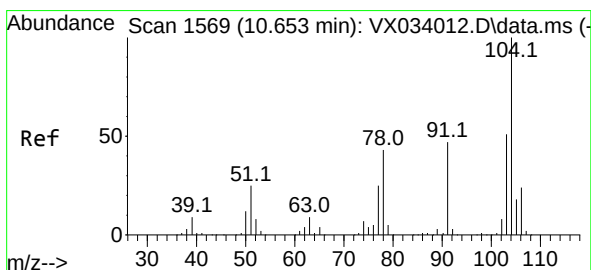
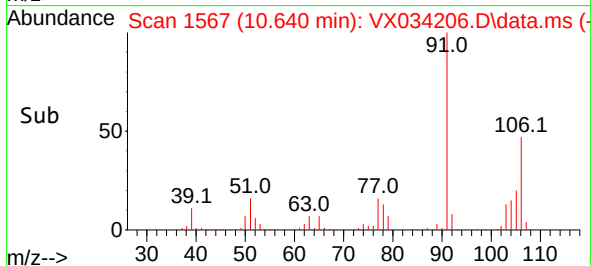
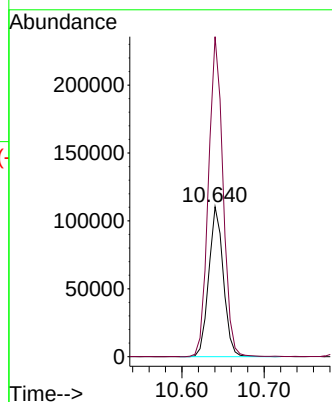
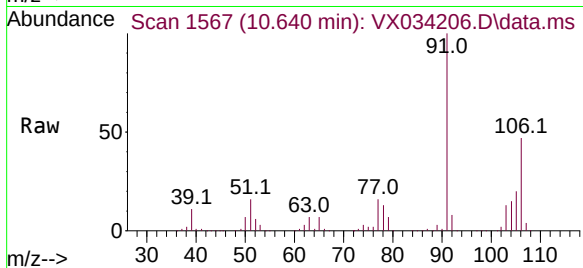
#69
o-Xylene
Concen: 19.593 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tgt Ion:106 Resp: 135972
Ion Ratio Lower Upper
106 100
91 213.1 103.1 309.3

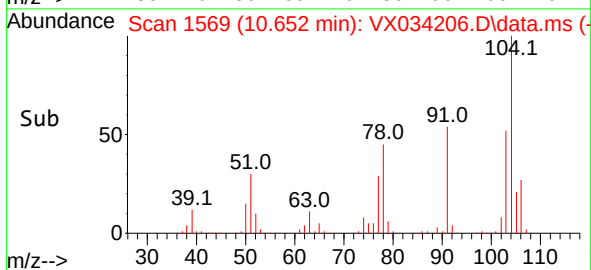
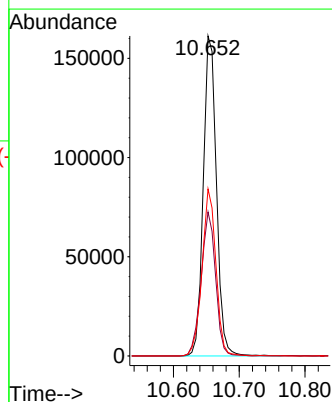
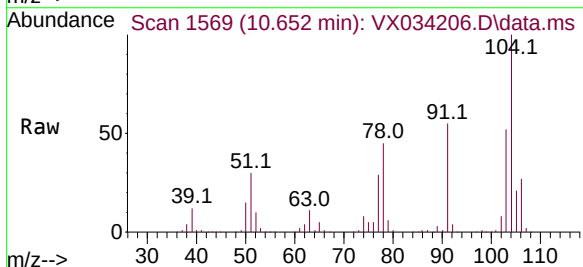
Manual Integrations
APPROVED

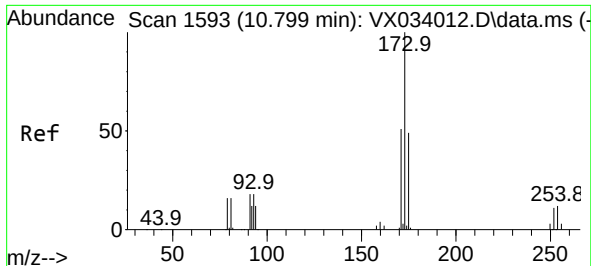
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#70
Styrene
Concen: 19.916 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

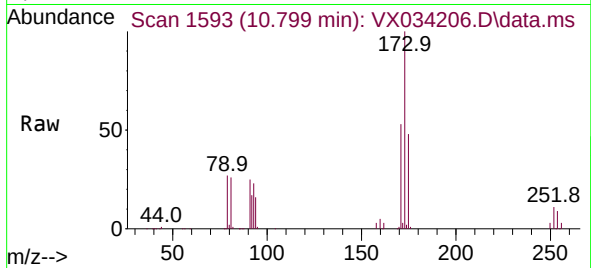
Tgt Ion:104 Resp: 224794
Ion Ratio Lower Upper
104 100
78 49.2 37.5 56.3
103 54.9 43.3 64.9





#71
Bromoform
Concen: 18.898 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

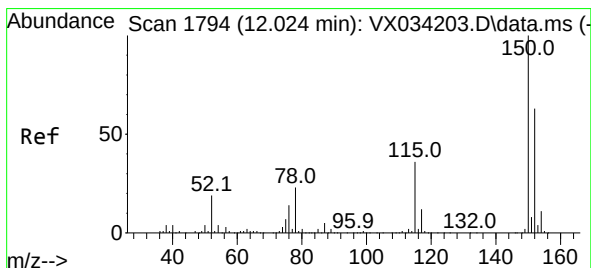
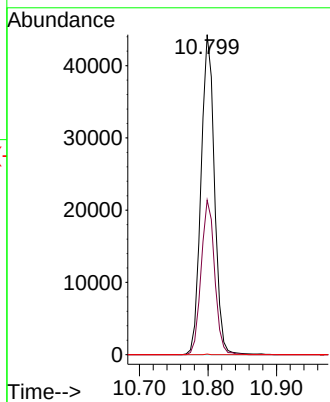
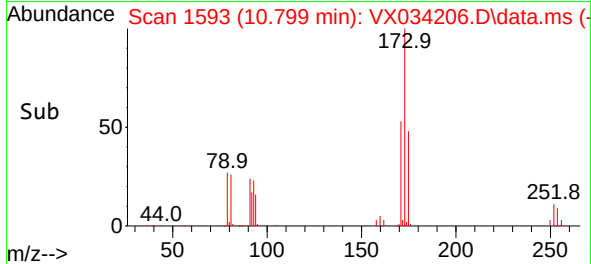
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



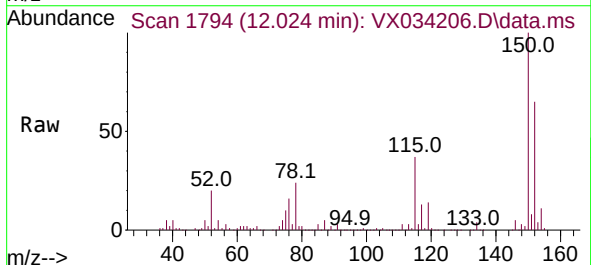
Tgt Ion:173 Resp: 60550
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.3
254 0.1 0.1 0.1

Manual Integrations
APPROVED

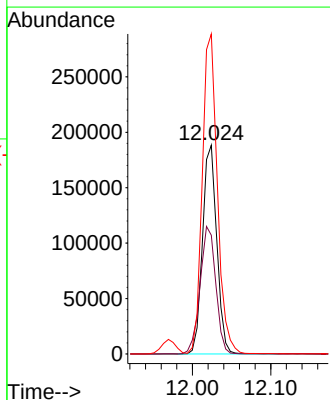
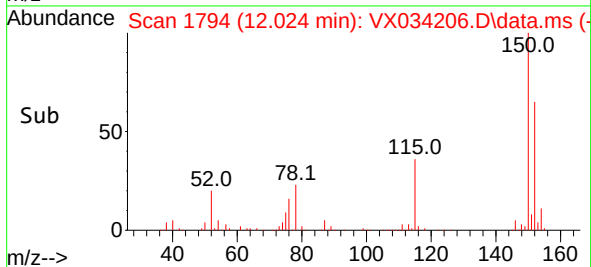
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

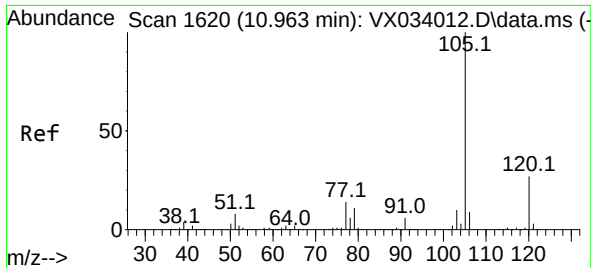


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09



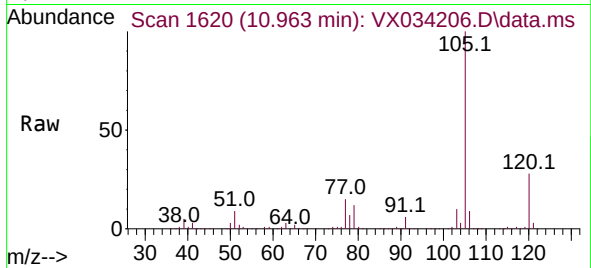
Tgt Ion:152 Resp: 238007
Ion Ratio Lower Upper
152 100
115 66.8 38.7 116.1
150 161.5 0.0 348.2





#73
Isopropylbenzene
Concen: 19.380 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

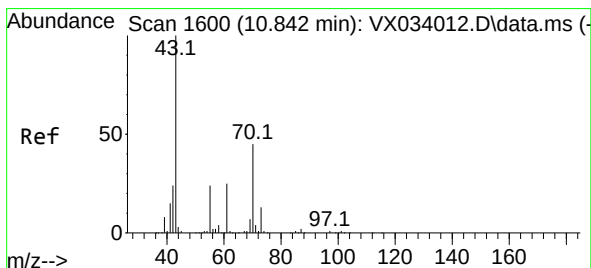
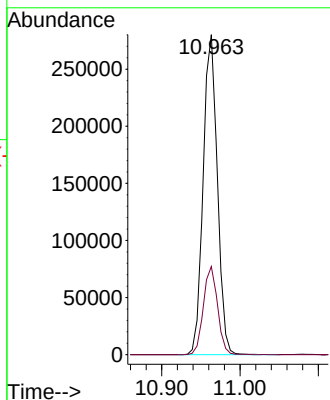
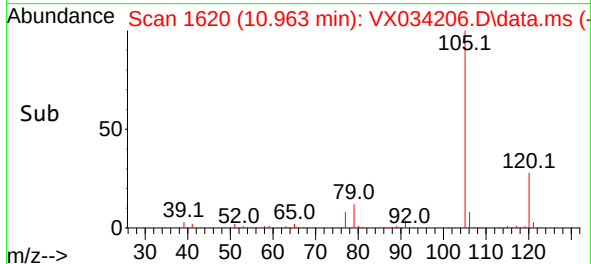
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



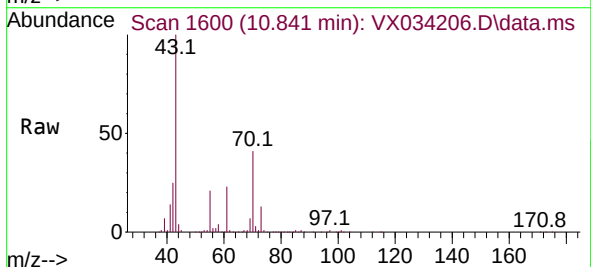
Tgt Ion: 105 Resp: 35153
Ion Ratio Lower Upper
105 100
120 27.5 13.6 40.8

Manual Integrations
APPROVED

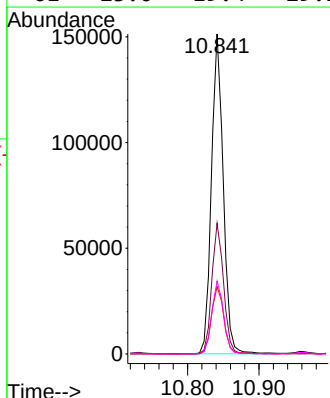
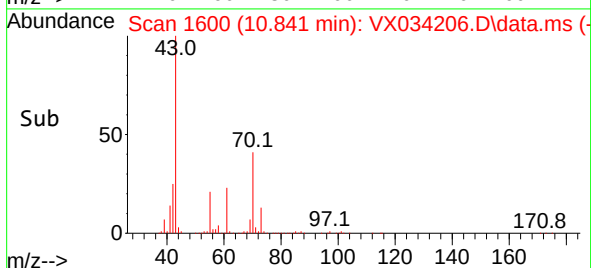
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

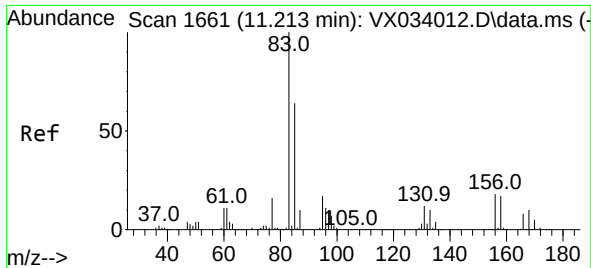


#74
N-ethyl acetate
Concen: 19.023 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09



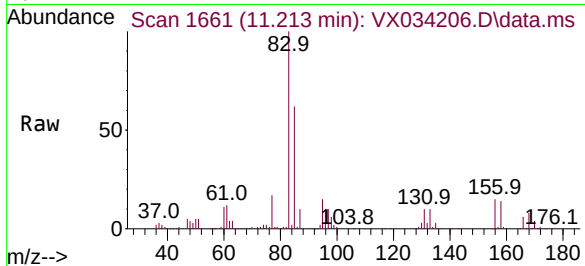
Tgt Ion: 43 Resp: 173354
Ion Ratio Lower Upper
43 100
70 40.8 34.8 52.2
55 22.1 19.4 29.0
61 23.0 19.4 29.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.139 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

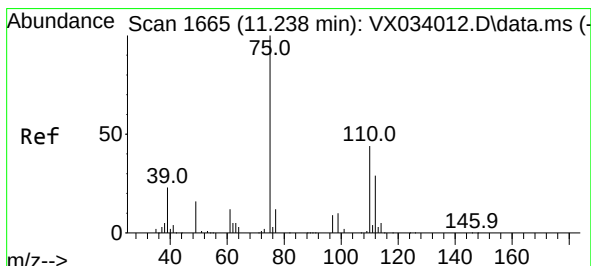
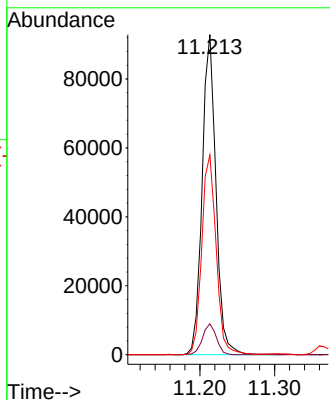
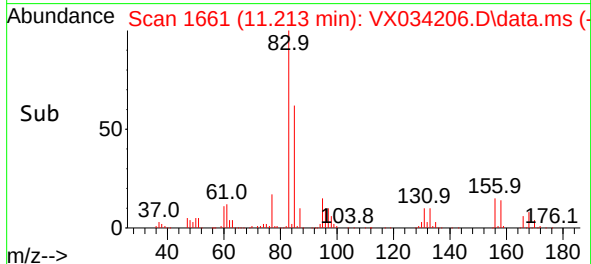
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



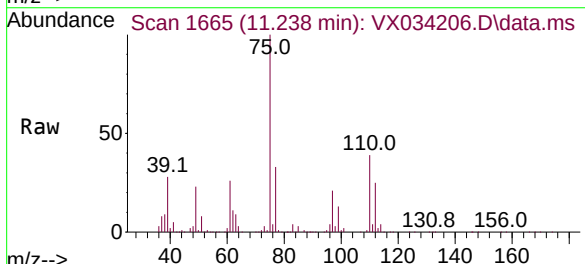
Tgt Ion: 83 Resp: 11874
Ion Ratio Lower Upper
83 100
131 9.7 5.5 16.7
85 65.1 32.3 96.9

Manual Integrations
APPROVED

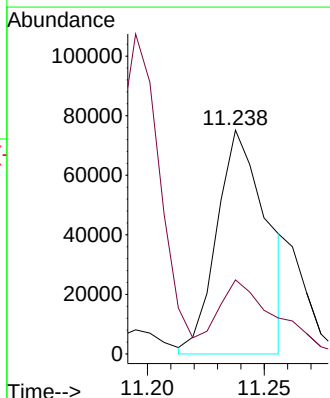
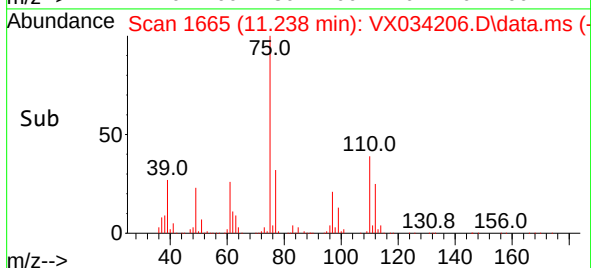
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

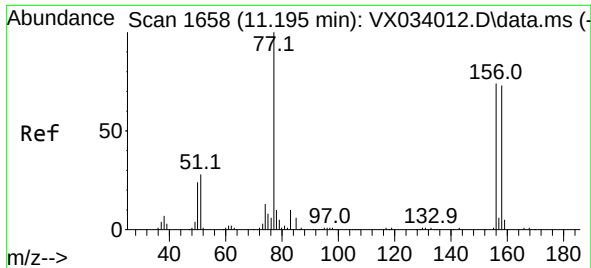


#76
1,2,3-Trichloropropane
Concen: 18.481 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09



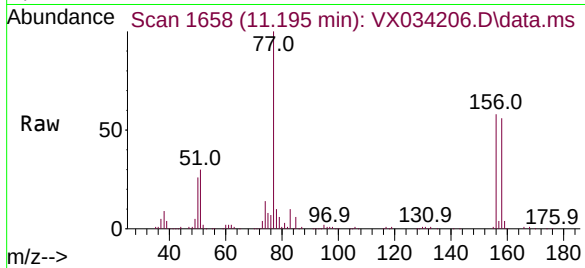
Tgt Ion: 75 Resp: 110683
Ion Ratio Lower Upper
75 100
77 38.8 21.8 65.4





#77
Bromobenzene
Concen: 19.415 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

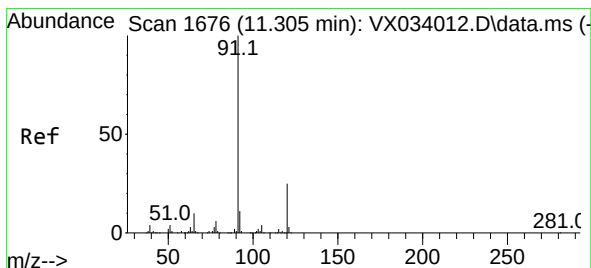
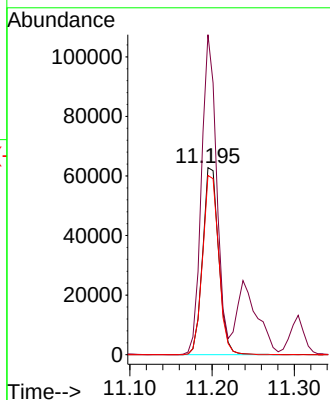
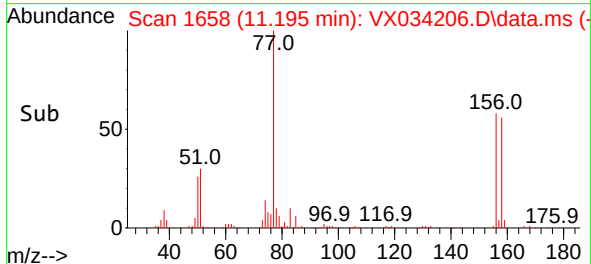
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



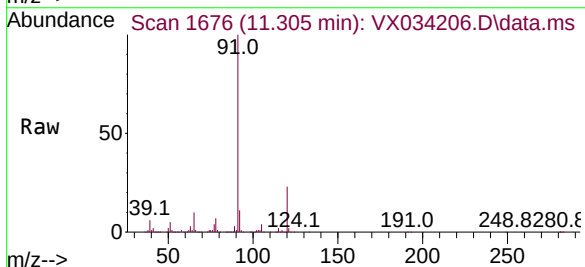
Tgt Ion:156 Resp: 84750
Ion Ratio Lower Upper
156 100
77 162.3 68.1 204.3
158 96.6 48.0 144.2

Manual Integrations
APPROVED

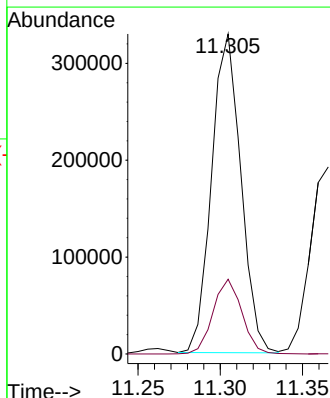
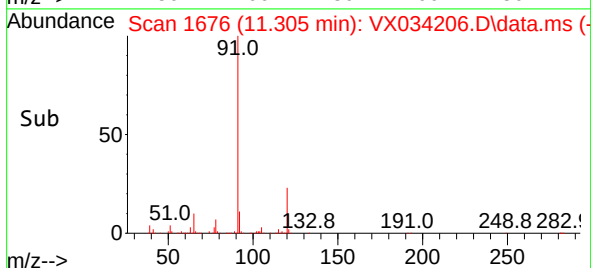
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

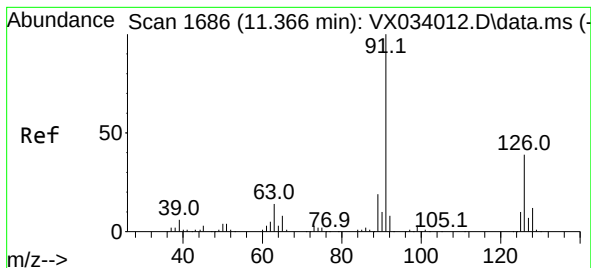


#78
n-propylbenzene
Concen: 19.317 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09



Tgt Ion: 91 Resp: 407509
Ion Ratio Lower Upper
91 100
120 23.1 12.3 36.8





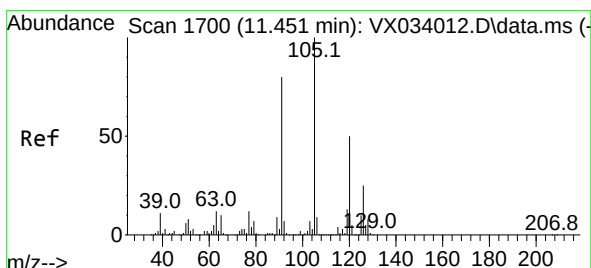
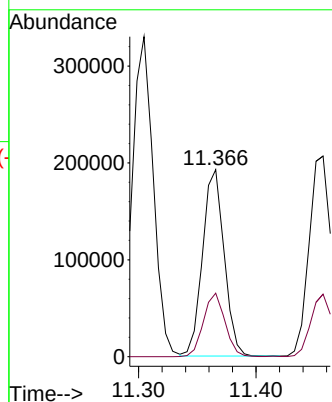
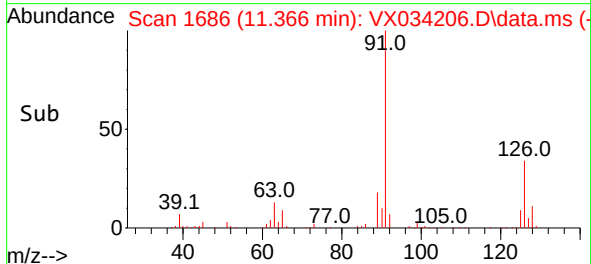
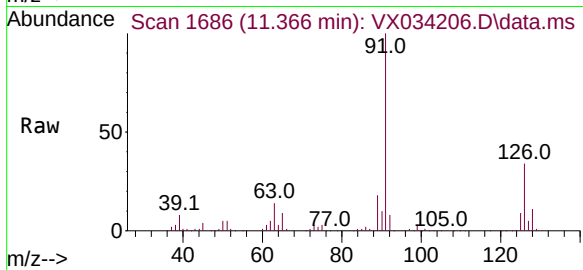
#79
2-Chlorotoluene
Concen: 18.979 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tgt Ion: 91 Resp: 245500
Ion Ratio Lower Upper
91 100
126 34.1 18.1 54.1

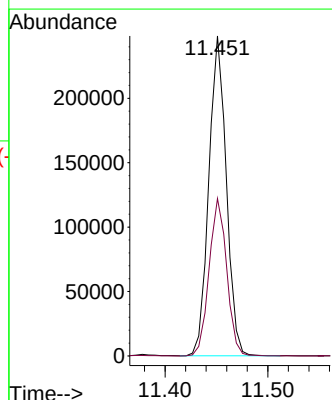
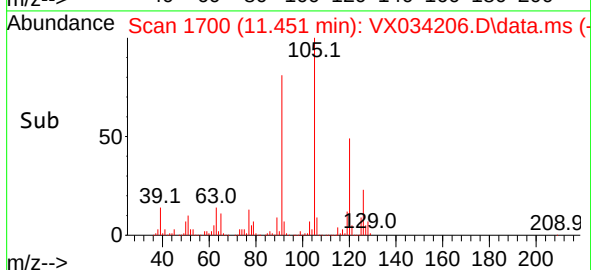
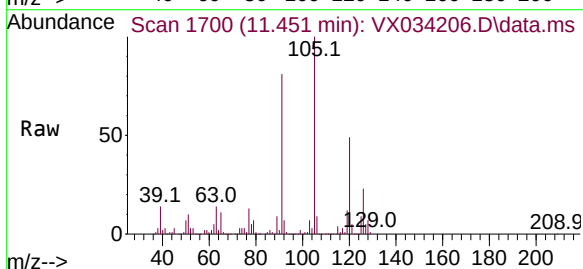
Manual Integrations
APPROVED

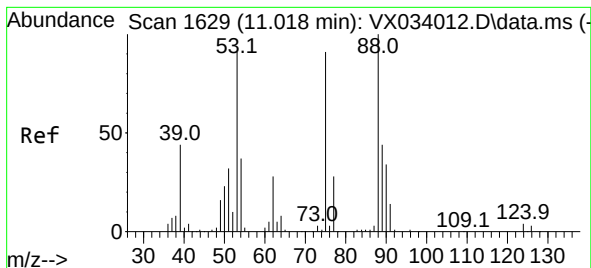
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.286 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

Tgt Ion:105 Resp: 294124
Ion Ratio Lower Upper
105 100
120 49.6 25.6 76.8





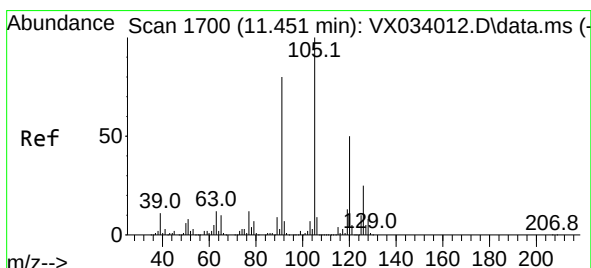
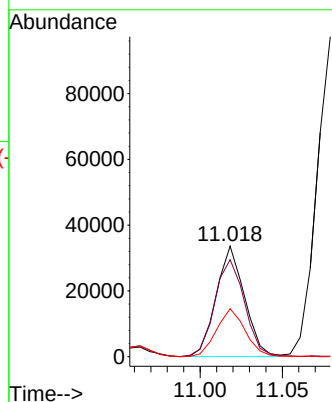
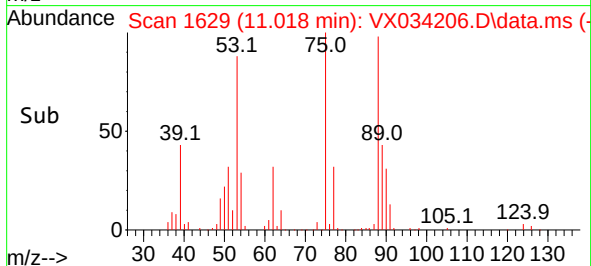
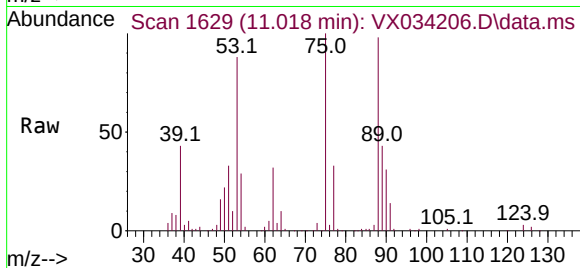
#81
trans-1,4-Dichloro-2-butene
Concen: 17.259 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tgt Ion: 75 Resp: 40235
Ion Ratio Lower Upper
75 100
53 93.3 83.0 124.6
89 44.5 37.7 56.5

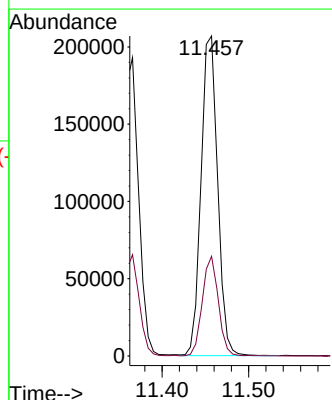
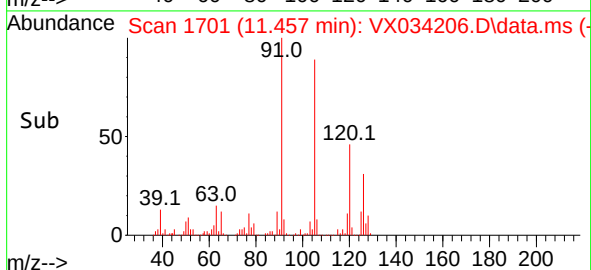
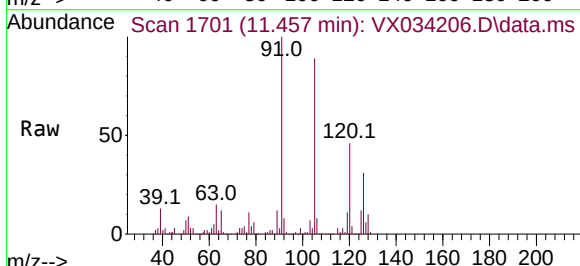
Manual Integrations
APPROVED

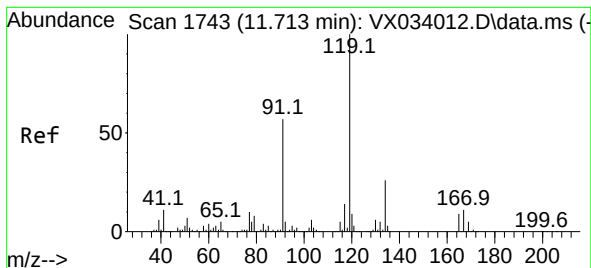
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#82
4-Chlorotoluene
Concen: 18.663 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

Tgt Ion: 91 Resp: 274965
Ion Ratio Lower Upper
91 100
126 30.2 15.8 47.4





#83

tert-Butylbenzene

Concen: 19.542 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX034206.D

Acq: 21 Feb 2023 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tgt Ion:119 Resp: 305220

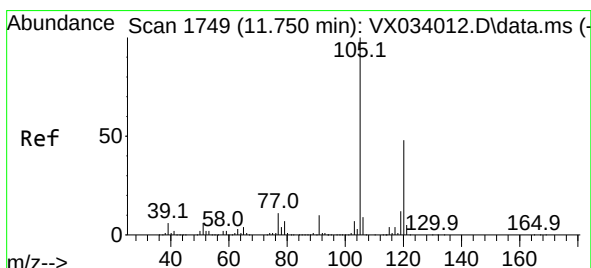
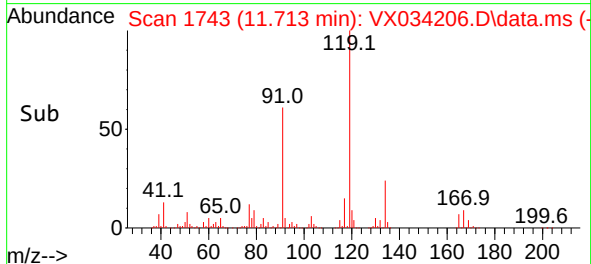
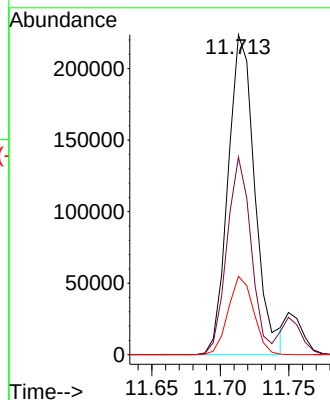
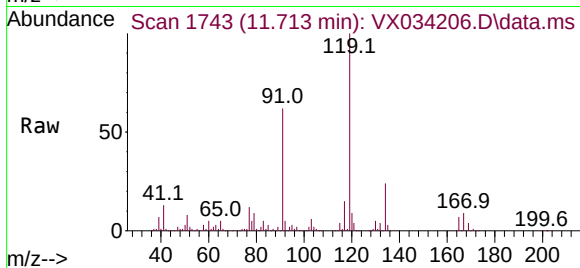
Ion	Ratio	Lower	Upper
119	100		
91	55.9	26.9	80.7
134	23.1	12.3	36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#84

1,2,4-Trimethylbenzene

Concen: 19.118 ug/l

RT: 11.750 min Scan# 1749

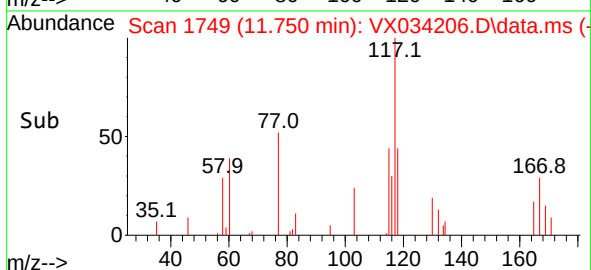
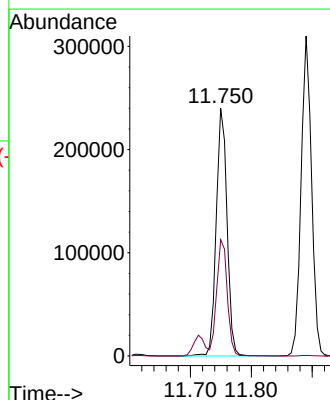
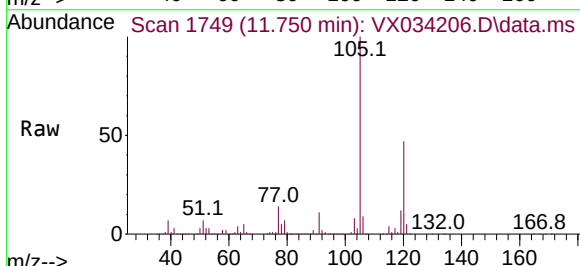
Delta R.T. 0.000 min

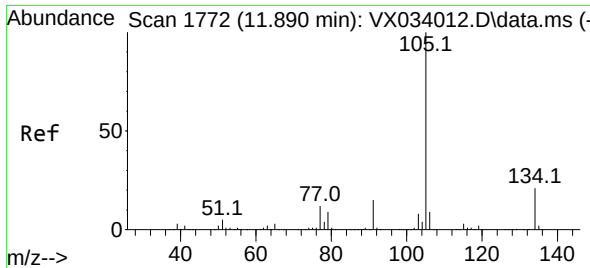
Lab File: VX034206.D

Acq: 21 Feb 2023 13:09

Tgt Ion:105 Resp: 294798

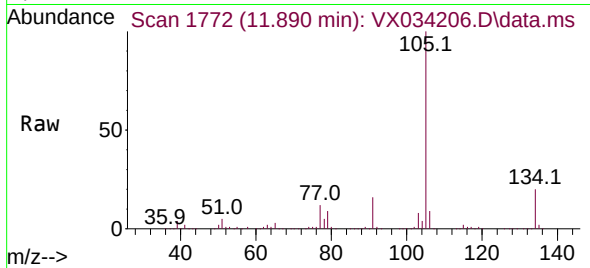
Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.4	70.2





#85
 sec-Butylbenzene
 Concen: 19.489 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034206.D
 Acq: 21 Feb 2023 13:09

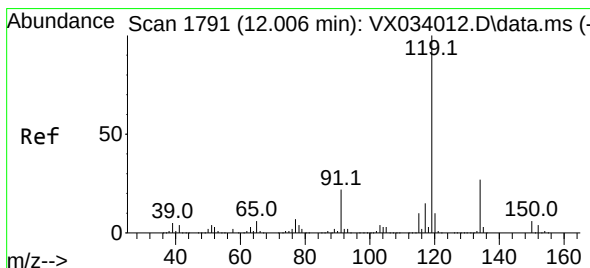
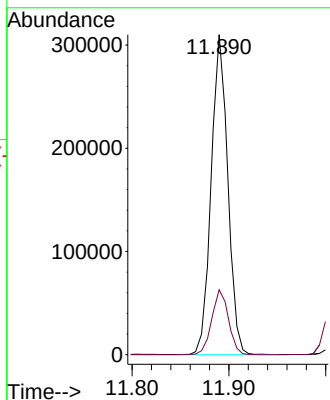
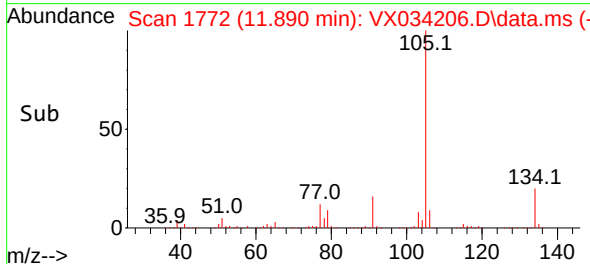
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBS01



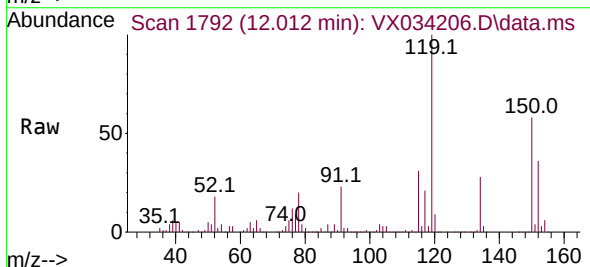
Tgt Ion:105 Resp: 36966
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.8 32.3

Manual Integrations
 APPROVED

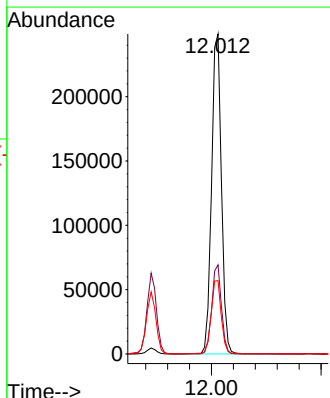
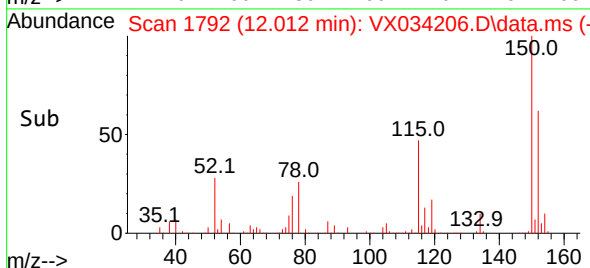
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023

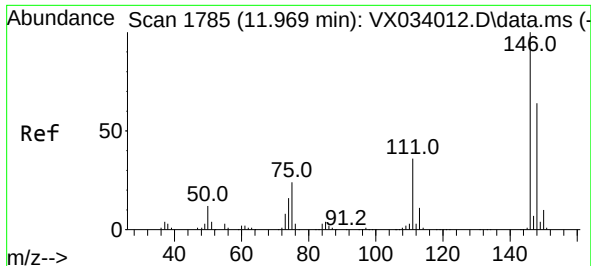


#86
 p-Isopropyltoluene
 Concen: 19.632 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX034206.D
 Acq: 21 Feb 2023 13:09



Tgt Ion:119 Resp: 308179
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.8
 91 23.5 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 19.717 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034206.D

Acq: 21 Feb 2023 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tgt Ion:146 Resp: 16141

Ion Ratio Lower Upper

146 100

111 39.4 18.6 55.6

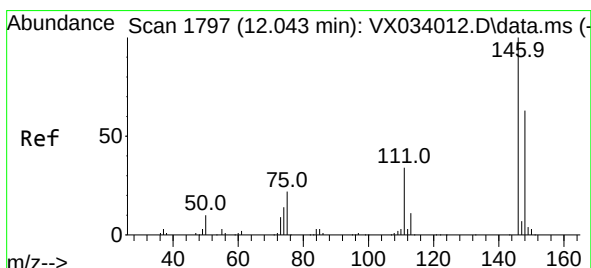
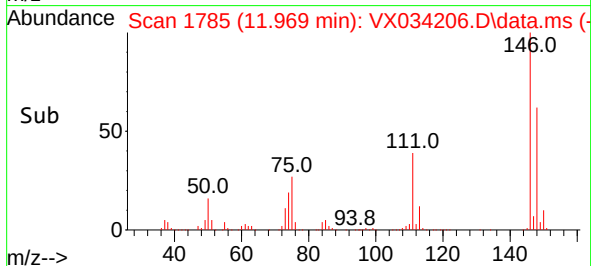
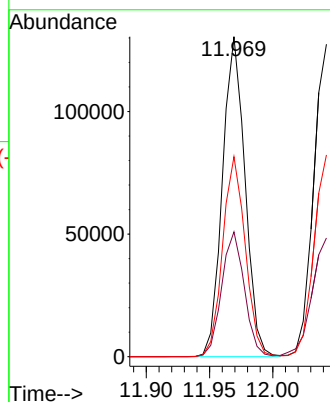
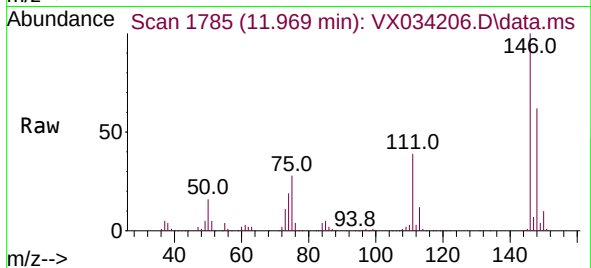
148 62.7 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#88

1,4-Dichlorobenzene

Concen: 19.462 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034206.D

Acq: 21 Feb 2023 13:09

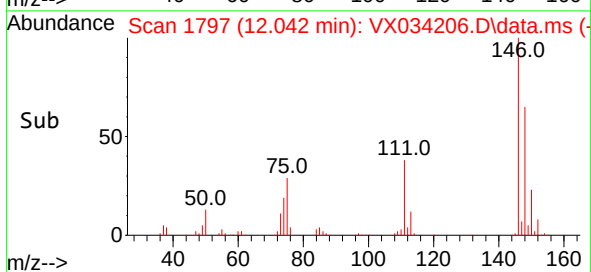
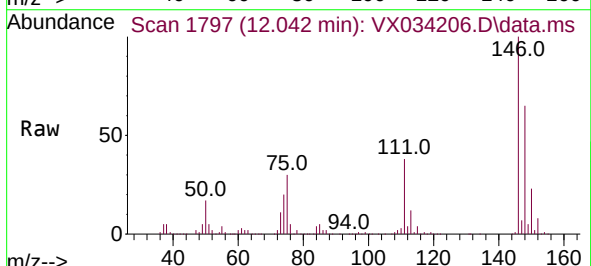
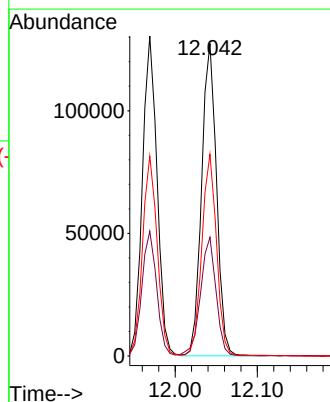
Tgt Ion:146 Resp: 160705

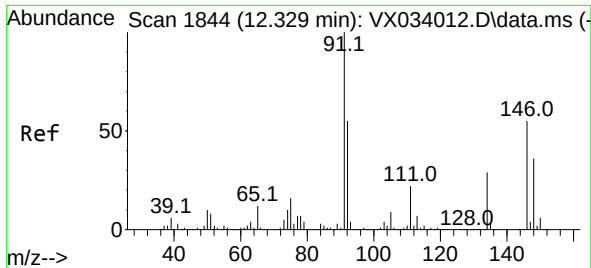
Ion Ratio Lower Upper

146 100

111 39.4 17.8 53.4

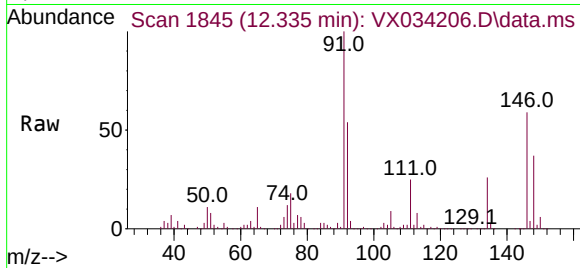
148 63.7 32.1 96.3





#89
n-Butylbenzene
Concen: 18.997 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

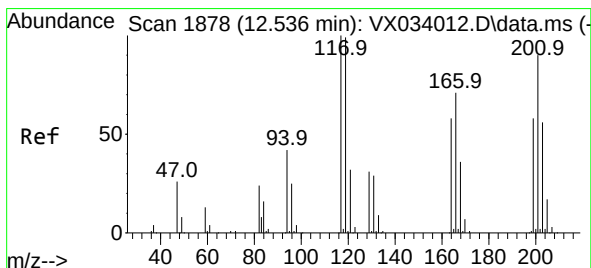
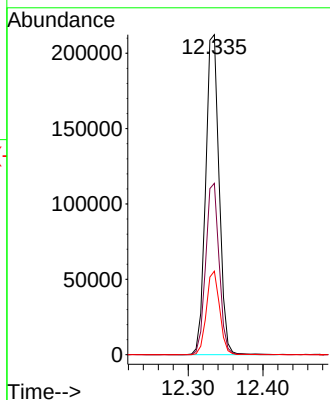
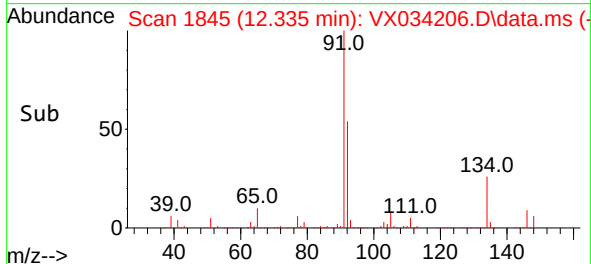
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion: 91 Resp: 265607
Ion Ratio Lower Upper
91 100
92 53.5 27.5 82.5
134 25.6 14.3 42.9

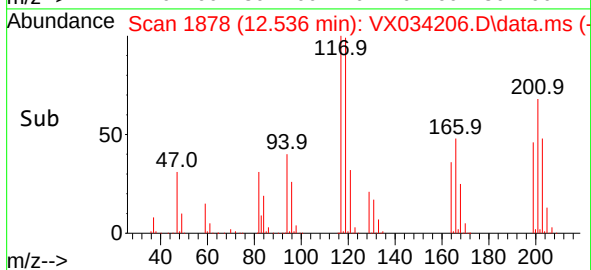
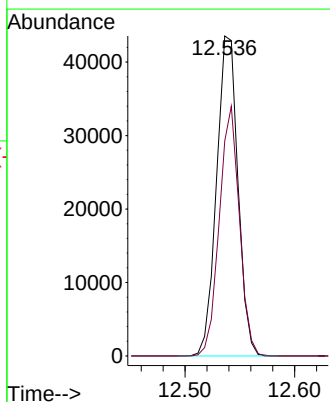
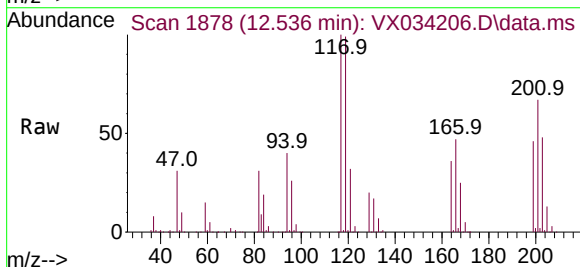
Manual Integrations
APPROVED

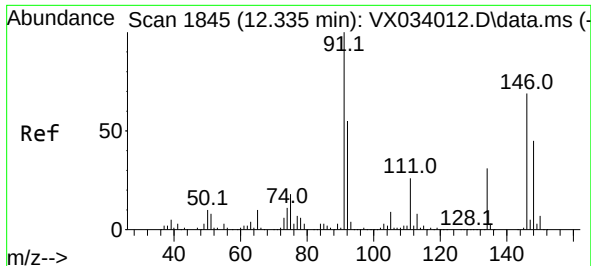
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#90
Hexachloroethane
Concen: 18.002 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

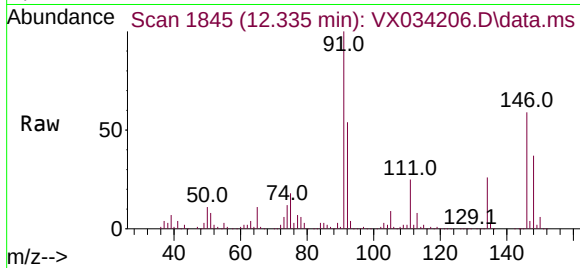
Tgt Ion:117 Resp: 59086
Ion Ratio Lower Upper
117 100
201 73.1 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 19.848 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

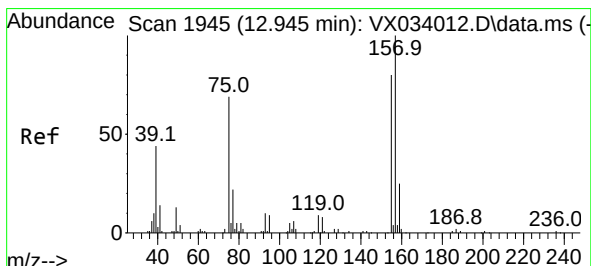
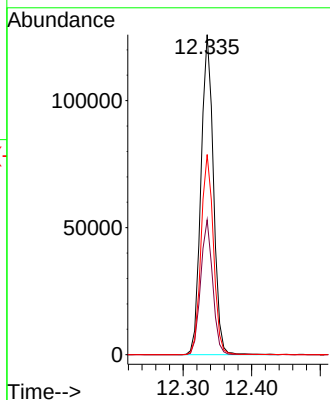
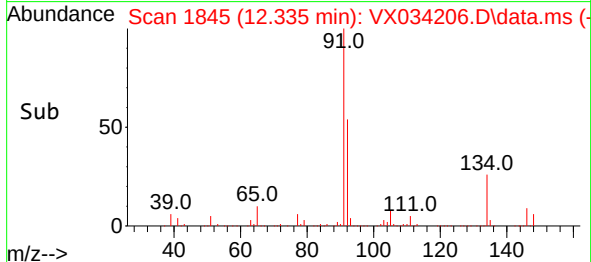
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



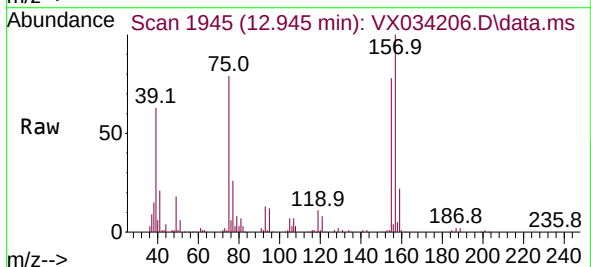
Tgt Ion:146 Resp: 158970
Ion Ratio Lower Upper
146 100
111 40.7 19.3 57.8
148 62.4 32.3 96.9

Manual Integrations
APPROVED

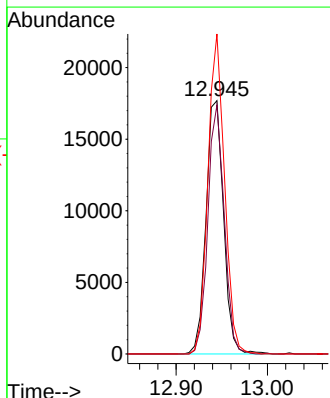
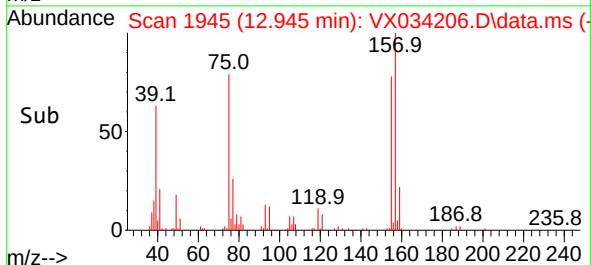
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

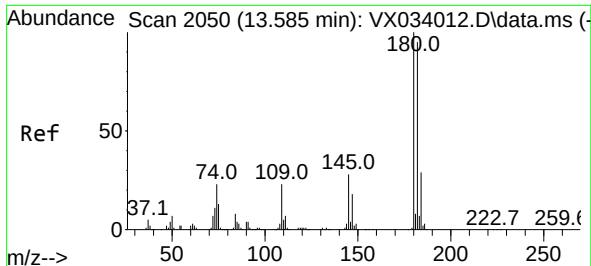


#92
1,2-Dibromo-3-Chloropropane
Concen: 15.908 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09



Tgt Ion: 75 Resp: 23535
Ion Ratio Lower Upper
75 100
155 91.6 51.7 155.1
157 119.5 67.5 202.3





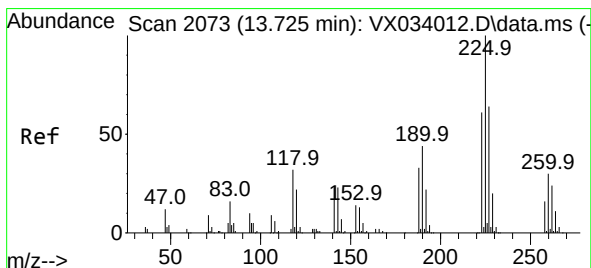
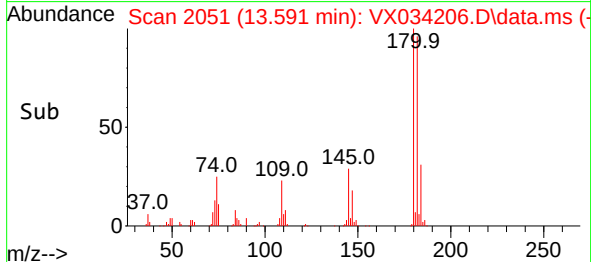
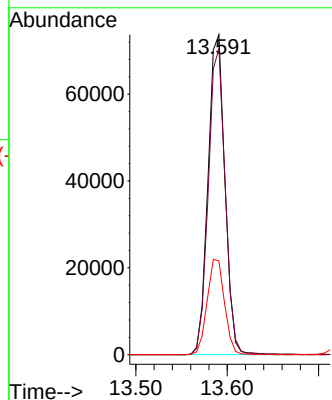
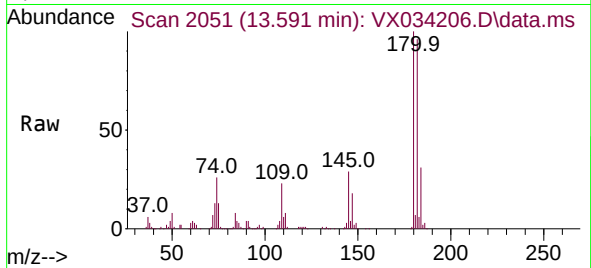
#93
1,2,4-Trichlorobenzene
Concen: 18.338 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tgt Ion:180 Resp: 9430
Ion Ratio Lower Upper
180 100
182 95.5 47.9 143.6
145 30.8 14.1 42.2

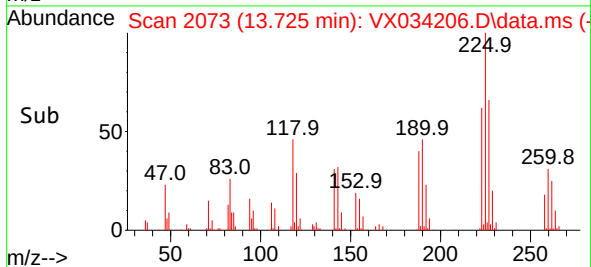
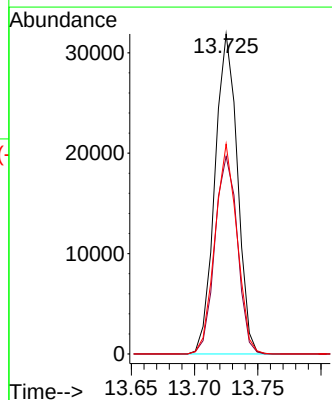
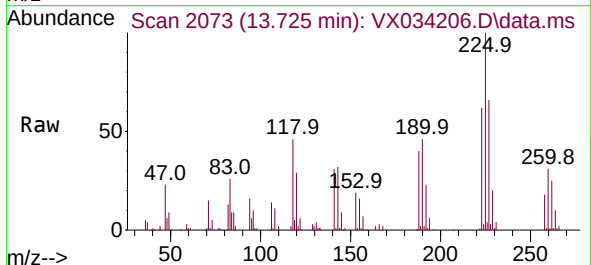
Manual Integrations
APPROVED

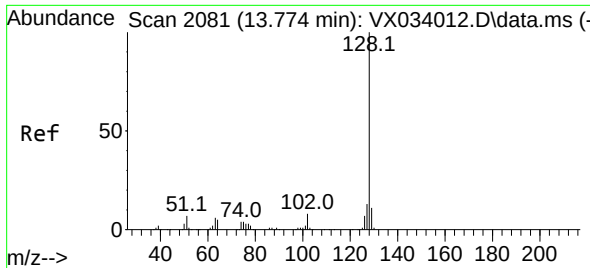
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#94
Hexachlorobutadiene
Concen: 18.463 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

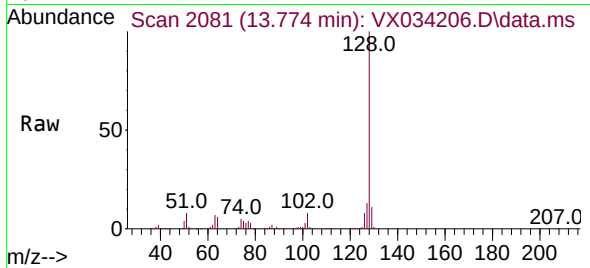
Tgt Ion:225 Resp: 39360
Ion Ratio Lower Upper
225 100
223 61.8 31.3 93.9
227 64.4 32.3 96.9





#95
Naphthalene
Concen: 18.938 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

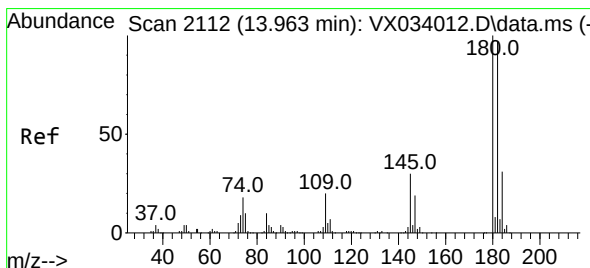
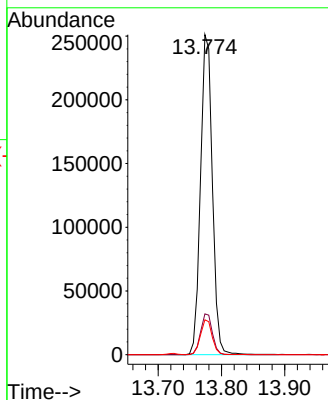
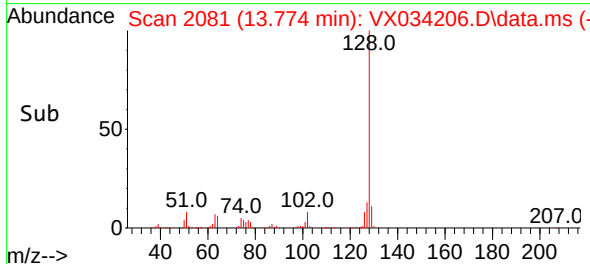
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion:128 Resp: 328060
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.280 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034206.D
Acq: 21 Feb 2023 13:09

Tgt Ion:180 Resp: 93325
Ion Ratio Lower Upper
180 100
182 97.8 47.6 142.9
145 33.1 15.1 45.3

