

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011423\
 Data File : VX033722.D
 Acq On : 13 Jan 2023 15:05
 Operator : JC/MD
 Sample : VX0114WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBS01

Quant Time: Jan 16 05:36:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/16/2023
 Supervised By : Mahesh Dadoda 01/16/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	176987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	252361	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99591	53.443	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.880%			
35) Dibromofluoromethane	5.385	113	85265	54.412	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.820%			
50) Toluene-d8	8.647	98	315911	55.331	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.660%			
62) 4-Bromofluorobenzene	11.079	95	116717	55.060	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28014	20.029	ug/l	95
3) Chloromethane	1.294	50	27118	17.551	ug/l	98
4) Vinyl Chloride	1.374	62	24337	16.232	ug/l	97
5) Bromomethane	1.617	94	16549	19.211	ug/l	96
6) Chloroethane	1.691	64	19294	20.815	ug/l	96
7) Trichlorofluoromethane	1.892	101	50894	20.932	ug/l	99
8) Diethyl Ether	2.136	74	15728	19.756	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	32222	23.384	ug/l	97
10) Methyl Iodide	2.453	142	42355	21.545	ug/l	96
11) Tert butyl alcohol	3.026	59	31533	97.406	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	30318	21.053	ug/l	87
13) Acrolein	2.245	56	34057	114.021	ug/l	99
14) Allyl chloride	2.666	41	54714	20.144	ug/l	92
15) Acrylonitrile	3.068	53	88381	103.736	ug/l	99
16) Acetone	2.398	43	76556	105.902	ug/l	95
17) Carbon Disulfide	2.514	76	71512	20.729	ug/l	99
18) Methyl Acetate	2.709	43	54503	20.957	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	101223	20.238	ug/l	99
20) Methylene Chloride	2.788	84	34492	19.773	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	33005	19.605	ug/l	98
22) Diisopropyl ether	3.757	45	112177	20.527	ug/l	95
23) Vinyl Acetate	3.721	43	428499	104.156	ug/l	100
24) 1,1-Dichloroethane	3.611	63	59438	19.879	ug/l	99
25) 2-Butanone	4.568	43	124037	101.871	ug/l	97
26) 2,2-Dichloropropane	4.477	77	40977	19.133	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	38233	19.753	ug/l	100
28) Bromochloromethane	4.897	49	28433	20.877	ug/l	99
29) Tetrahydrofuran	5.013	42	81761	106.542	ug/l	98
30) Chloroform	5.092	83	61878	20.206	ug/l	99
31) Cyclohexane	5.470	56	56747	20.694	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	52583	20.111	ug/l	98
36) 1,1-Dichloropropene	5.690	75	46004	20.115	ug/l	99
37) Ethyl Acetate	4.714	43	50905	21.710	ug/l	99
38) Carbon Tetrachloride	5.678	117	47051	19.864	ug/l	97
39) Methylcyclohexane	7.379	83	58875	20.846	ug/l	98
40) Benzene	6.037	78	135818	20.375	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	28647	22.730	ug/l	99
42) 1,2-Dichloroethane	6.086	62	50011	21.170	ug/l	99
43) Isopropyl Acetate	6.342	43	73250	20.288	ug/l	99
44) Trichloroethene	7.129	130	38190	20.487	ug/l	99
45) 1,2-Dichloropropane	7.427	63	34724	20.794	ug/l	100
46) Dibromomethane	7.580	93	23957	20.539	ug/l	100
47) Bromodichloromethane	7.818	83	45753	20.354	ug/l	97
48) Methyl methacrylate	7.689	41	39394	21.660	ug/l	99
49) 1,4-Dioxane	7.732	88	17913	445.267	ug/l #	99
51) 4-Methyl-2-Pentanone	8.573	43	248046	111.866	ug/l	98
52) Toluene	8.720	92	89897	20.883	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	45287	20.146	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	51848	20.584	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	36216	21.253	ug/l	98
56) Ethyl methacrylate	9.116	69	51972	21.672	ug/l	98
57) 1,3-Dichloropropane	9.311	76	59859	21.664	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	127972	108.355	ug/l	99
59) 2-Hexanone	9.433	43	178832	115.875	ug/l	99
60) Dibromochloromethane	9.518	129	37446	21.197	ug/l	100
61) 1,2-Dibromoethane	9.610	107	37256	21.908	ug/l	96
64) Tetrachloroethene	9.275	164	34477	20.112	ug/l	96
65) Chlorobenzene	10.079	112	97938	20.309	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	35888	20.222	ug/l	99
67) Ethyl Benzene	10.195	91	172259	20.805	ug/l	99
68) m/p-Xylenes	10.299	106	136098	42.025	ug/l	99
69) o-Xylene	10.640	106	65917	20.524	ug/l	98
70) Styrene	10.652	104	109401	20.945	ug/l	99
71) Bromoform	10.799	173	28556	19.202	ug/l #	99
73) Isopropylbenzene	10.963	105	174975	20.250	ug/l	99
74) N-amyl acetate	10.841	43	63369	19.734	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	52211	20.185	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	47024m	20.929	ug/l	
77) Bromobenzene	11.195	156	46692	20.143	ug/l	99
78) n-propylbenzene	11.305	91	196656	19.708	ug/l	99
79) 2-Chlorotoluene	11.366	91	117093	19.930	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	146274	19.879	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	13296	18.392	ug/l	91
82) 4-Chlorotoluene	11.451	91	133699	19.878	ug/l	100
83) tert-Butylbenzene	11.713	119	148755	20.361	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	145033	20.837	ug/l	100
85) sec-Butylbenzene	11.890	105	181134	20.728	ug/l	100
86) p-Isopropyltoluene	12.006	119	157777	21.089	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	83365	20.176	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	83780	19.905	ug/l	99
89) n-Butylbenzene	12.335	91	119894	19.588	ug/l	98
90) Hexachloroethane	12.536	117	19283	15.669	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	72971	18.302	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8418	16.870	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	41174	15.331	ug/l	99
94) Hexachlorobutadiene	13.725	225	20169	15.331	ug/l	98
95) Naphthalene	13.774	128	125225	16.207	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	45123	16.791	ug/l	99

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

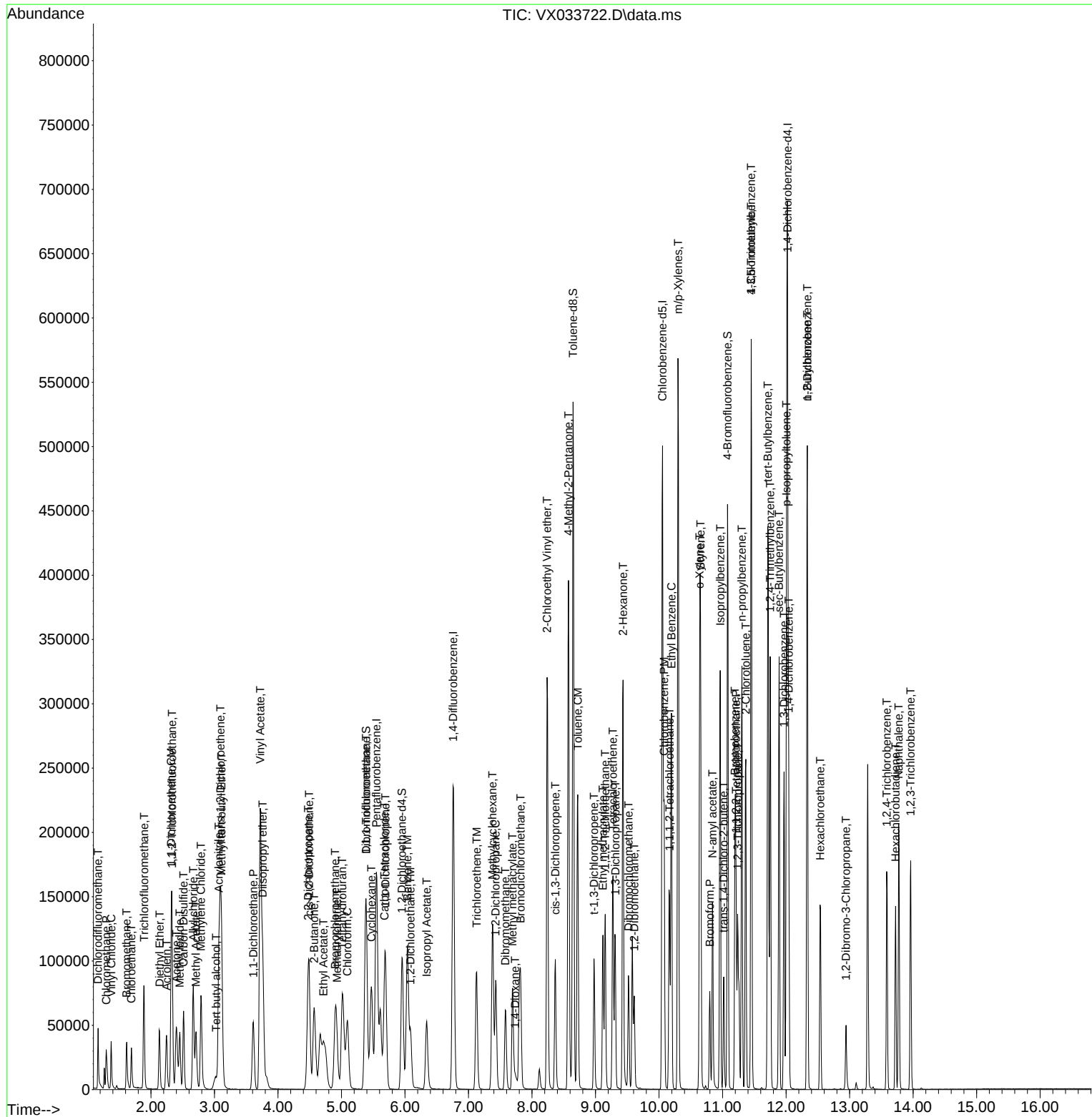
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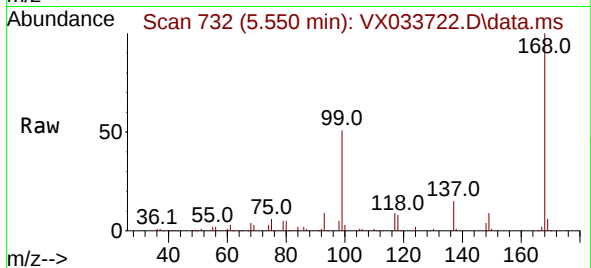
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Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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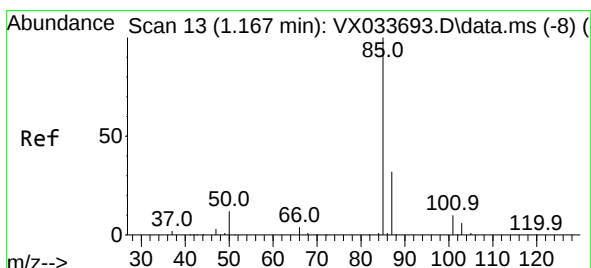
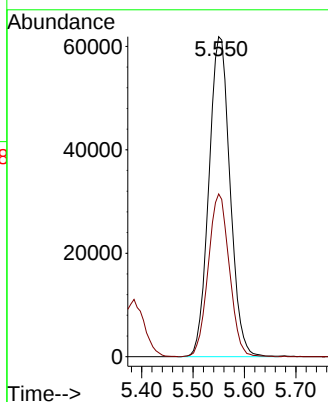
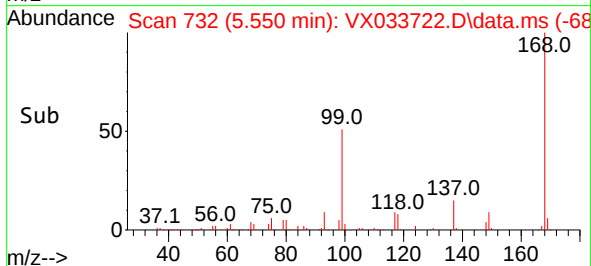
Instrument :
MSVOA_X
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VX0114WBS01



Tgt Ion:168 Resp: 17698
Ion Ratio Lower Upper
168 100
99 50.9 39.6 59.4

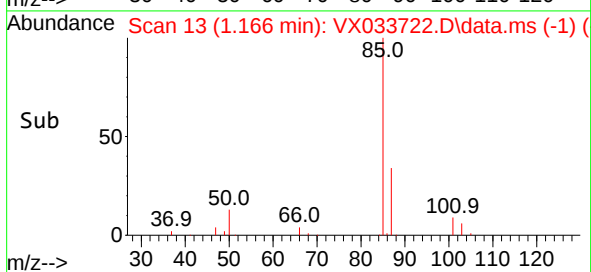
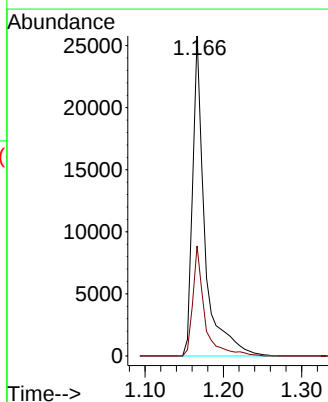
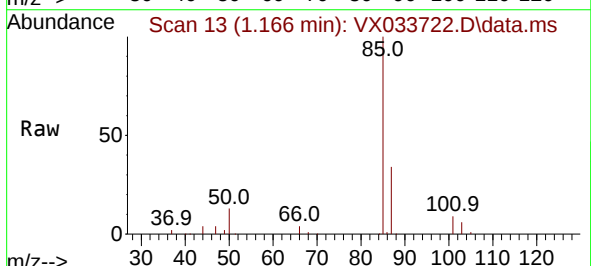
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#2
Dichlorodifluoromethane
Concen: 20.029 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

Tgt Ion: 85 Resp: 28014
Ion Ratio Lower Upper
85 100
87 34.4 15.8 47.4





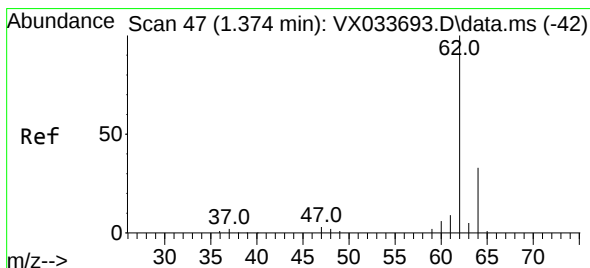
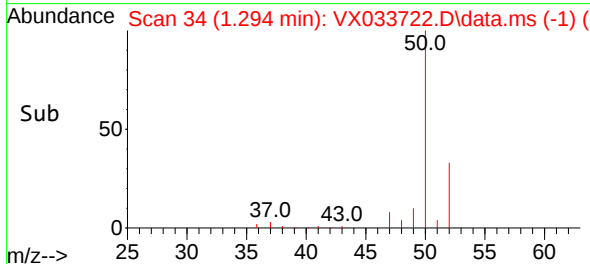
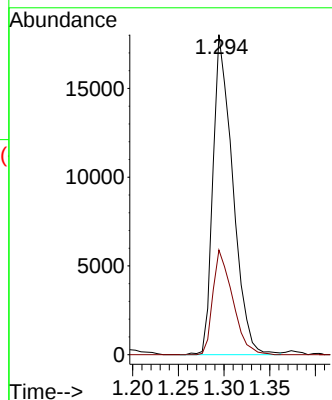
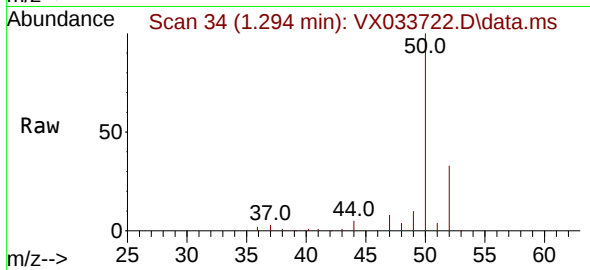
#3
Chloromethane
Concen: 17.551 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tgt Ion: 50 Resp: 27118
Ion Ratio Lower Upper
50 100
52 32.7 25.2 37.8

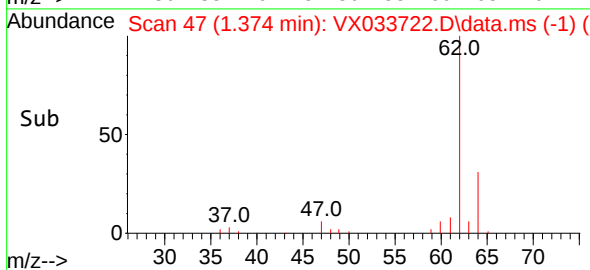
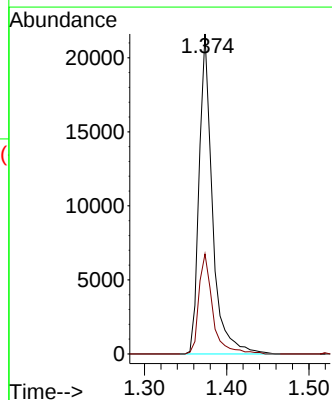
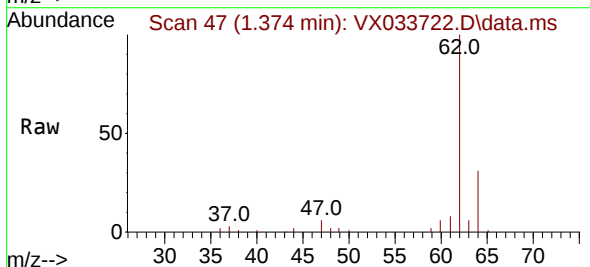
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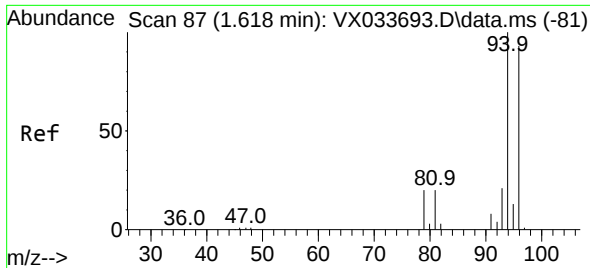
Reviewed By :John Carlone 01/16/2023
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#4
Vinyl Chloride
Concen: 16.232 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

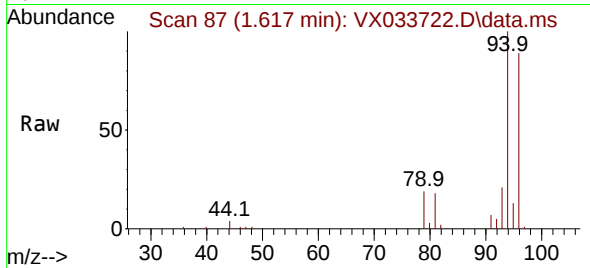
Tgt Ion: 62 Resp: 24337
Ion Ratio Lower Upper
62 100
64 31.2 26.2 39.4





#5
Bromomethane
Concen: 19.211 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

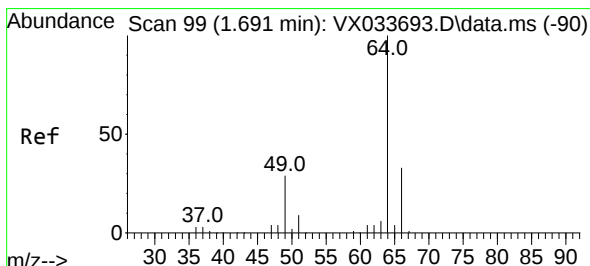
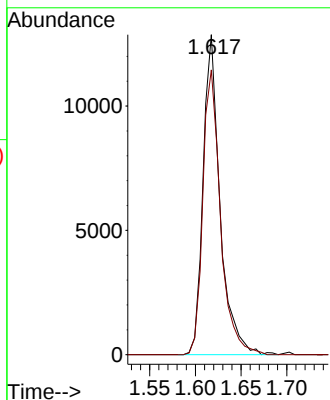
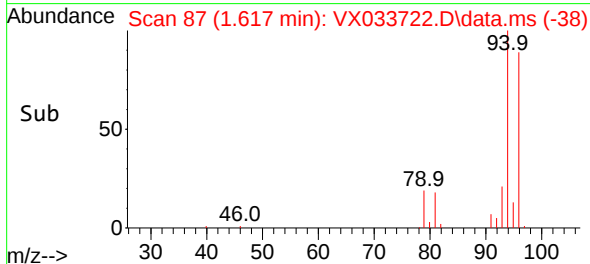
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Tgt Ion: 94 Resp: 16549
Ion Ratio Lower Upper
94 100
96 89.0 74.3 111.5

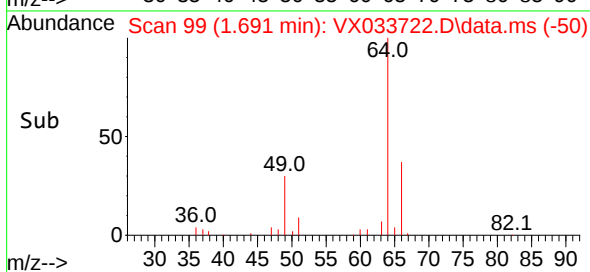
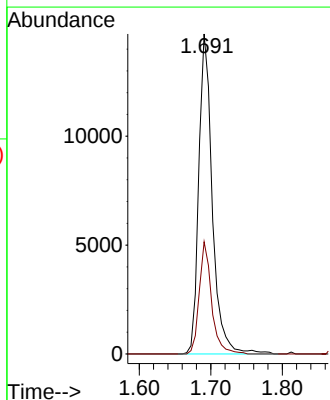
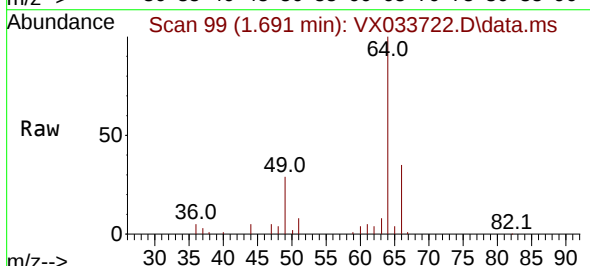
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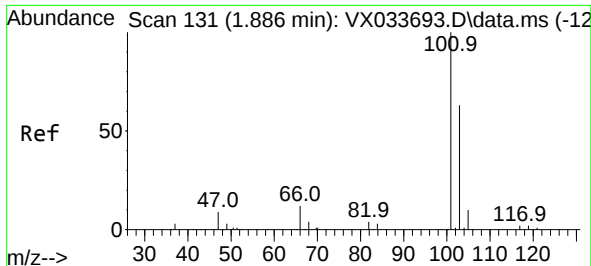
Reviewed By :John Carlone 01/16/2023
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#6
Chloroethane
Concen: 20.815 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

Tgt Ion: 64 Resp: 19294
Ion Ratio Lower Upper
64 100
66 35.1 26.1 39.1





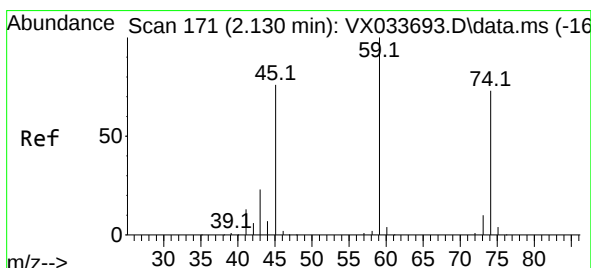
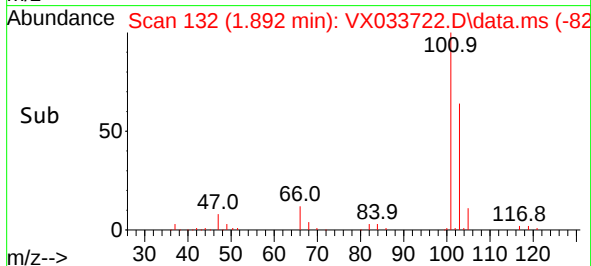
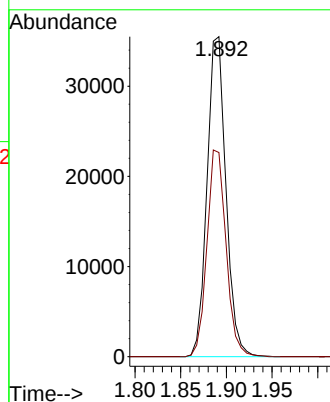
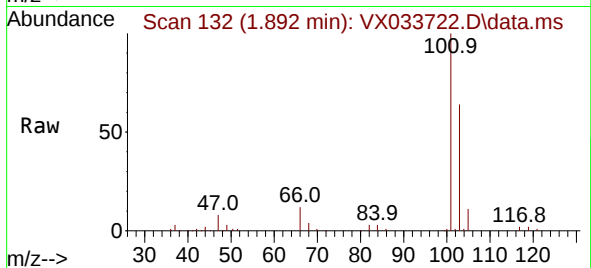
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Trichlorofluoromethane
Concen: 20.932 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tgt Ion:101 Resp: 50894
Ion Ratio Lower Upper
101 100
103 63.8 50.6 75.8

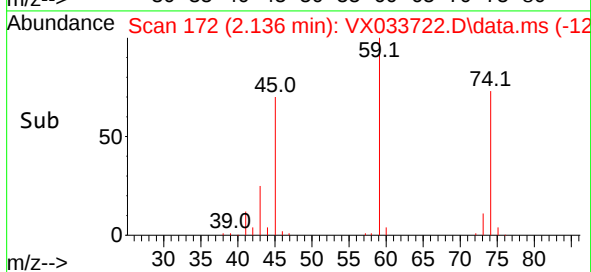
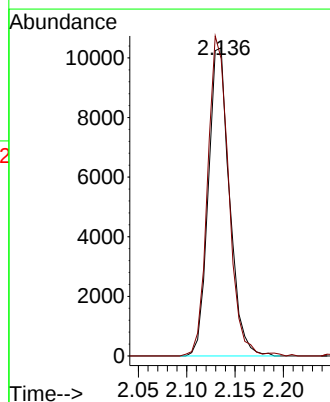
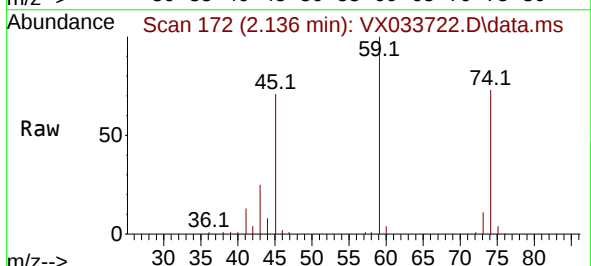
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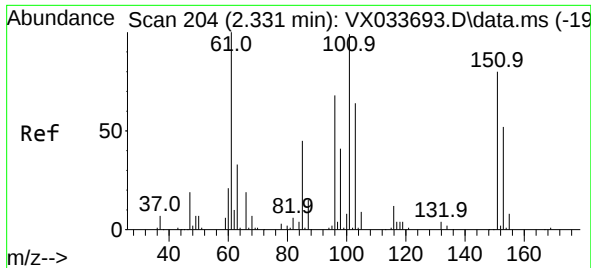
Reviewed By :John Carlone 01/16/2023
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#8
Diethyl Ether
Concen: 19.756 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

Tgt Ion: 74 Resp: 15728
Ion Ratio Lower Upper
74 100
45 103.5 51.5 154.5





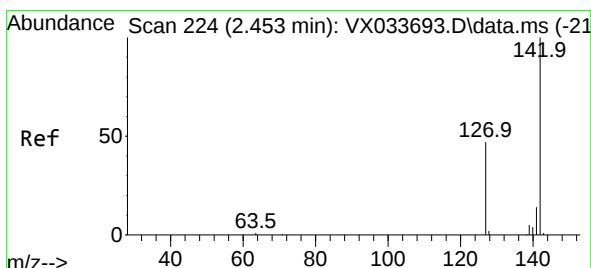
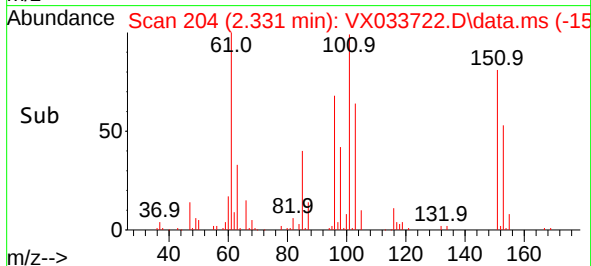
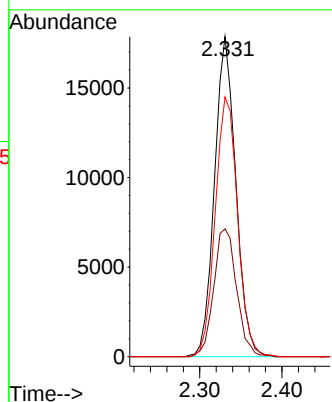
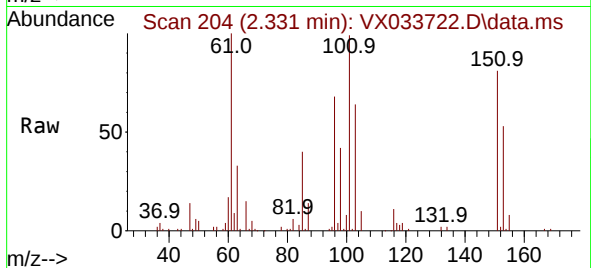
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.384 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tgt Ion:101 Resp: 3222
Ion Ratio Lower Upper
101 100
85 42.9 36.7 55.1
151 84.9 66.5 99.7

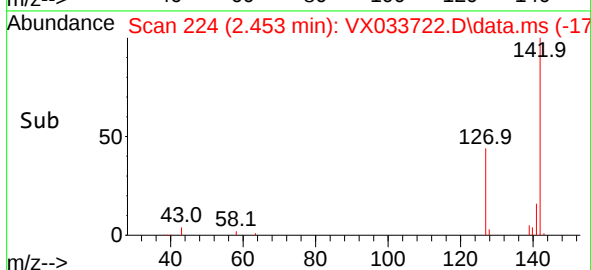
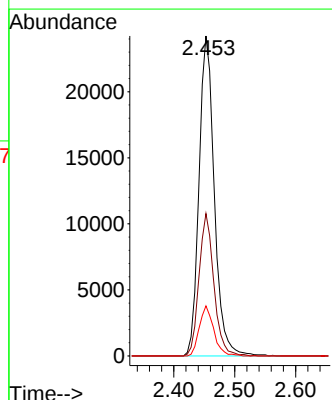
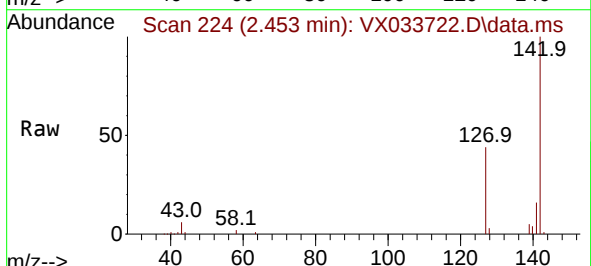
Manual Integrations
APPROVED

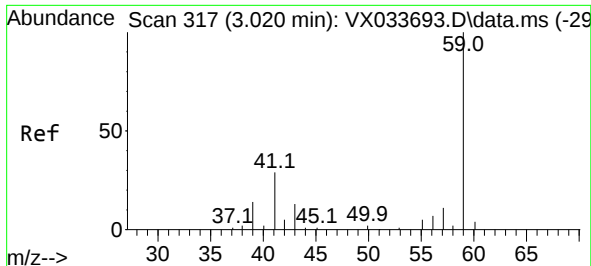
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#10
Methyl Iodide
Concen: 21.545 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

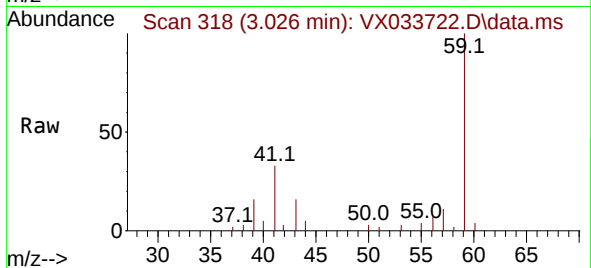
Tgt Ion:142 Resp: 42355
Ion Ratio Lower Upper
142 100
127 43.2 37.3 55.9
141 14.8 11.5 17.3





#11
Tert butyl alcohol
Concen: 97.406 ug/l
RT: 3.026 min Scan# 317
Delta R.T. 0.006 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

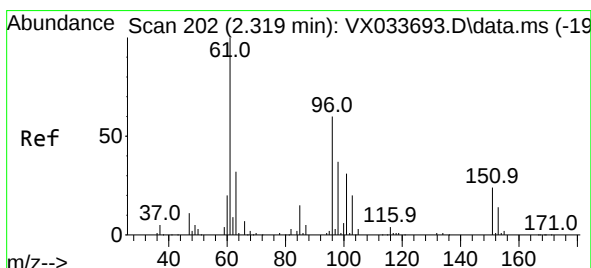
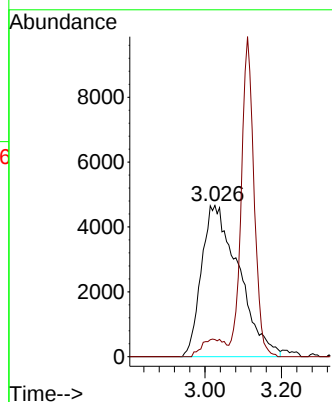
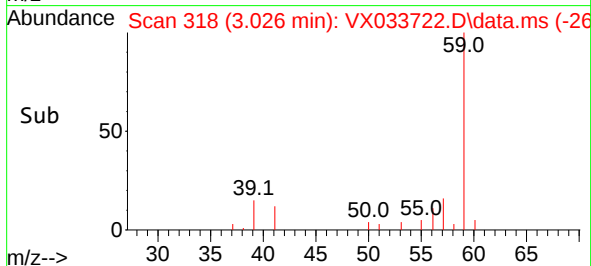
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01



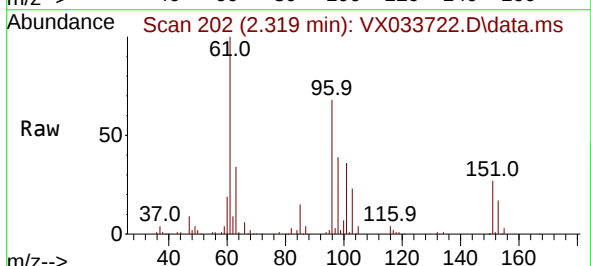
Tgt Ion: 59 Resp: 3153
Ion Ratio Lower Upper
59 100
57 7.4 3.7 5.5

Manual Integrations
APPROVED

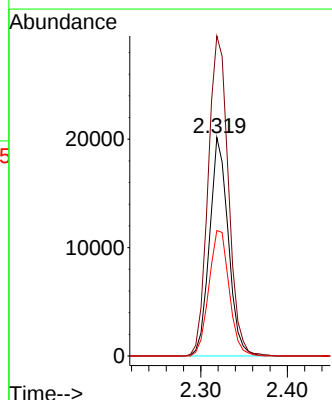
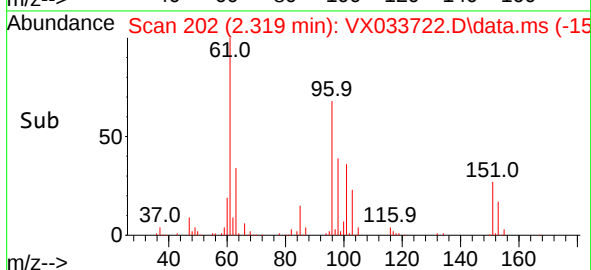
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

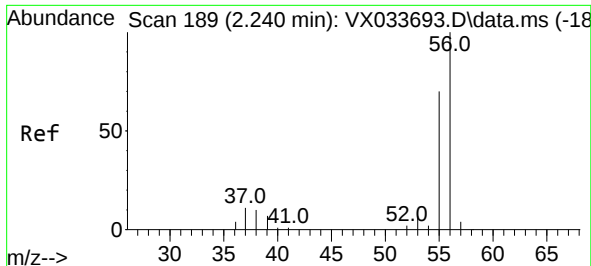


#12
1,1-Dichloroethene
Concen: 21.053 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05



Tgt Ion: 96 Resp: 30318
Ion Ratio Lower Upper
96 100
61 146.4 134.2 201.4
98 57.4 50.2 75.2





#13

Acrolein

Concen: 114.021 ug/l

RT: 2.245 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX033722.D

Acq: 13 Jan 2023 15:05

Instrument :

MSVOA_X

ClientSampleId :

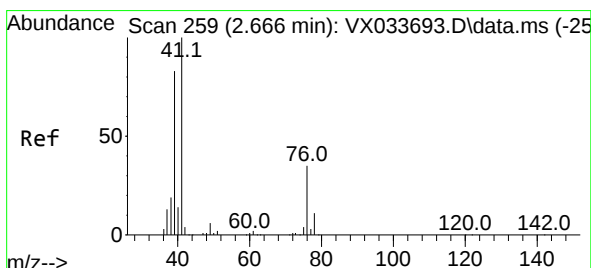
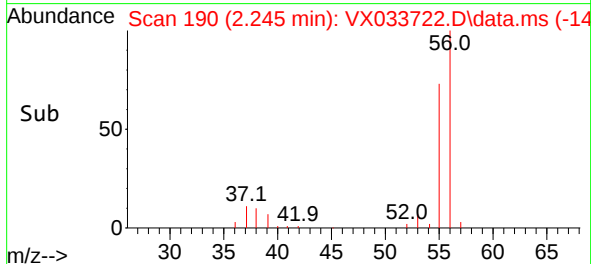
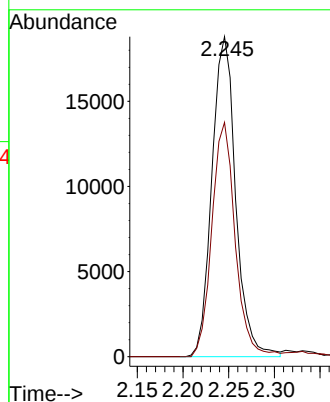
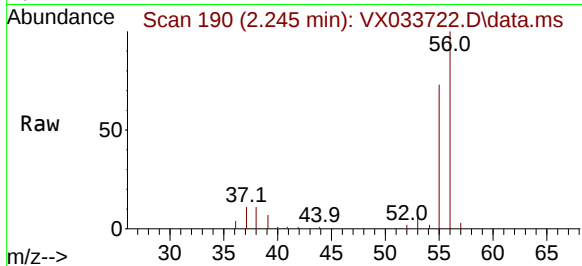
VX0114WBS01

Tgt Ion: 56 Resp: 3405
 Ion Ratio Lower Upper
 56 100
 55 71.6 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023
 Supervised By :Mahesh Dadoda 01/16/2023



#14

Allyl chloride

Concen: 20.144 ug/l

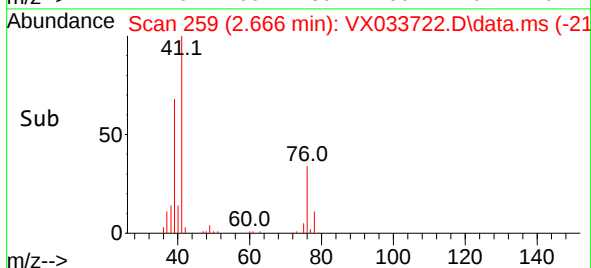
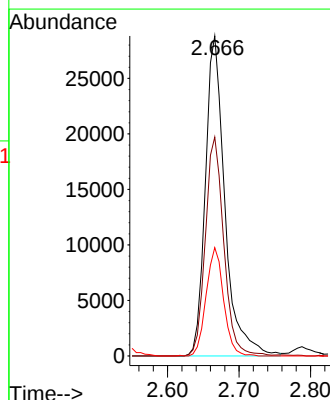
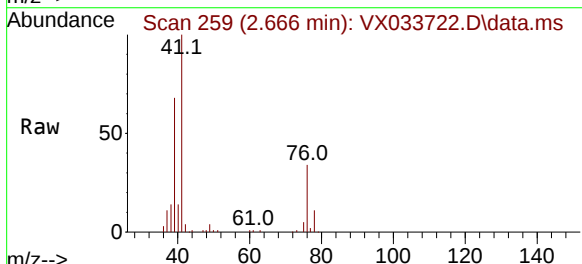
RT: 2.666 min Scan# 259

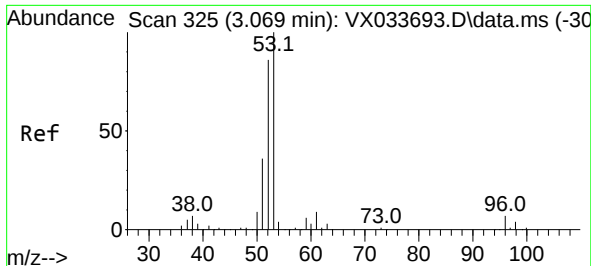
Delta R.T. -0.000 min

Lab File: VX033722.D

Acq: 13 Jan 2023 15:05

Tgt Ion: 41 Resp: 54714
 Ion Ratio Lower Upper
 41 100
 39 64.5 59.0 88.4
 76 30.3 24.6 37.0





#15

Acrylonitrile

Concen: 103.736 ug/l

RT: 3.068 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX033722.D

Acq: 13 Jan 2023 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

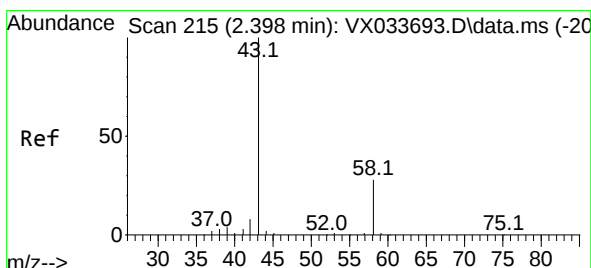
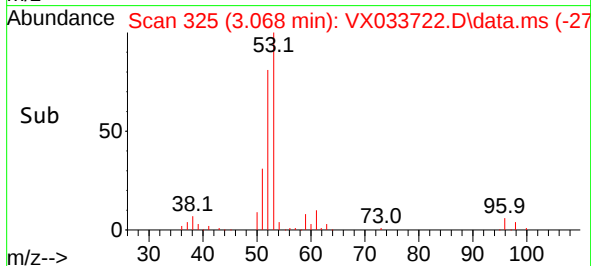
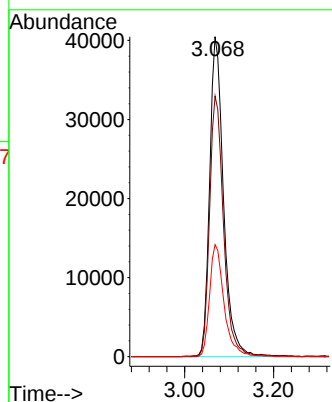
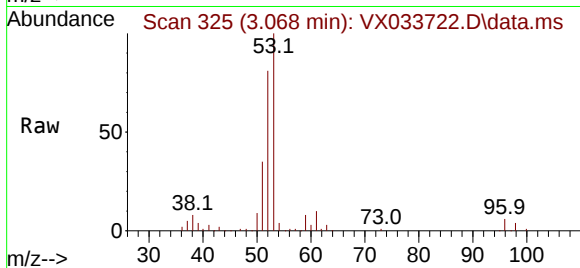
Tgt Ion: 53	Resp: 8838
Ion Ratio	Lower Upper
53 100	
52 81.3	65.7 98.5
51 36.7	29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#16

Acetone

Concen: 105.902 ug/l

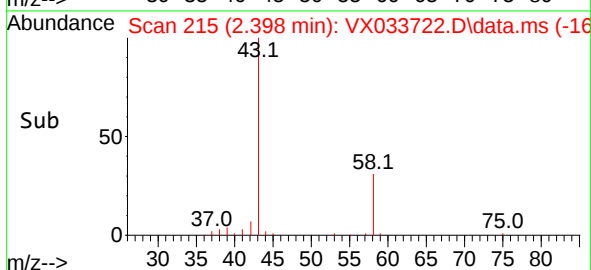
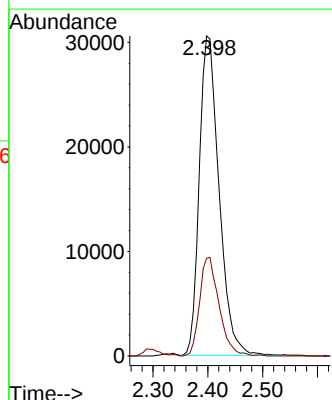
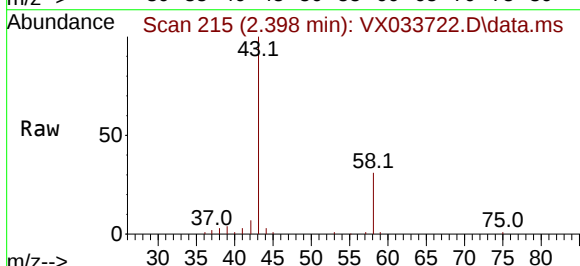
RT: 2.398 min Scan# 215

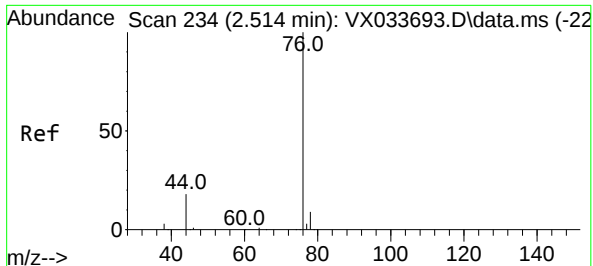
Delta R.T. -0.000 min

Lab File: VX033722.D

Acq: 13 Jan 2023 15:05

Tgt Ion: 43	Resp: 76556
Ion Ratio	Lower Upper
43 100	
58 30.6	22.6 33.8





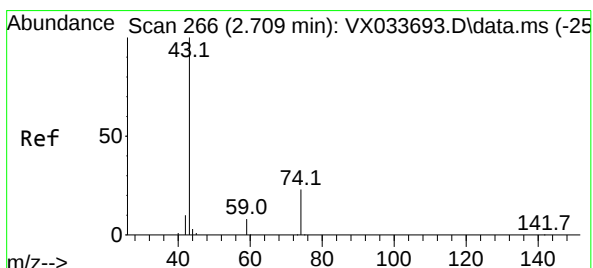
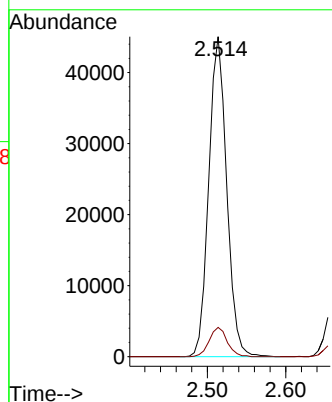
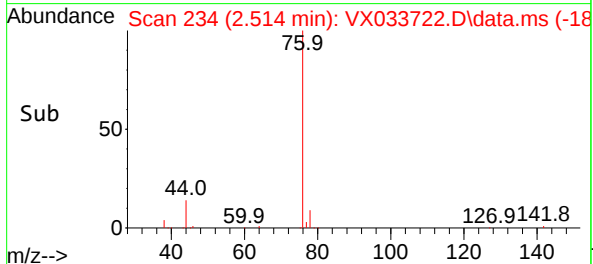
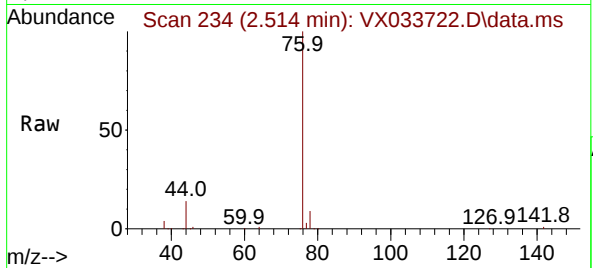
#17
Carbon Disulfide
Concen: 20.729 ug/l
RT: 2.514 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tgt Ion: 76 Resp: 71512
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

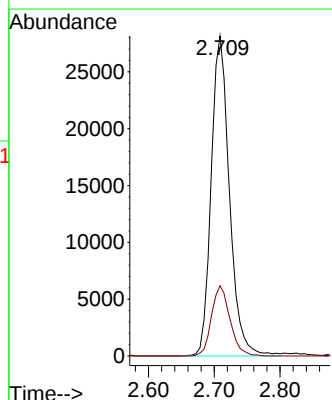
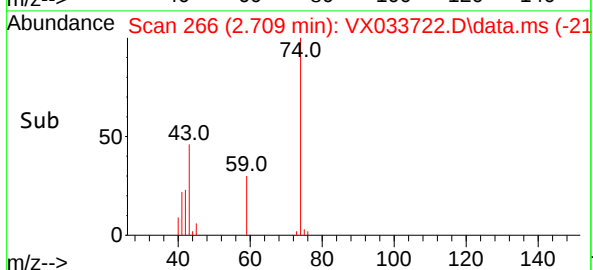
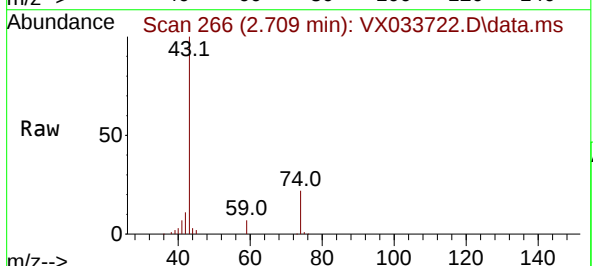
Manual Integrations
APPROVED

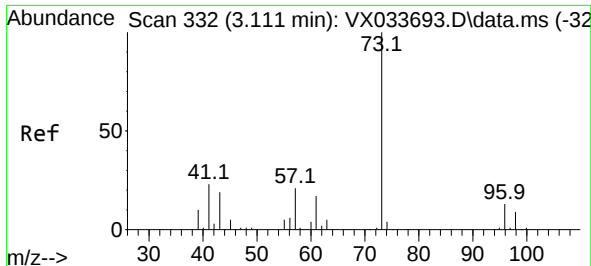
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#18
Methyl Acetate
Concen: 20.957 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

Tgt Ion: 43 Resp: 54503
Ion Ratio Lower Upper
43 100
74 22.1 18.2 27.4





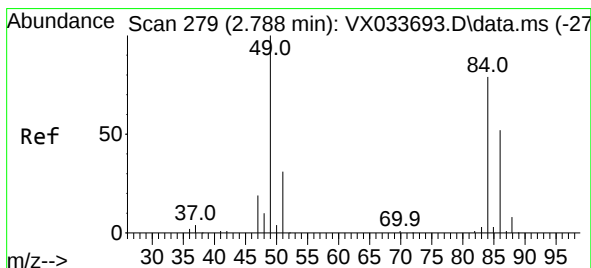
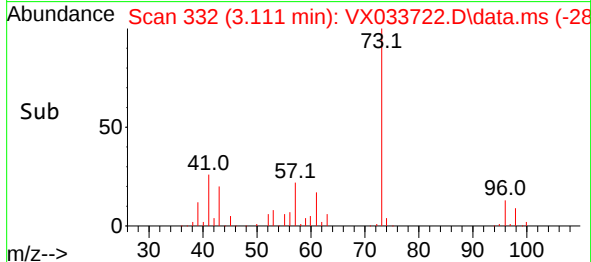
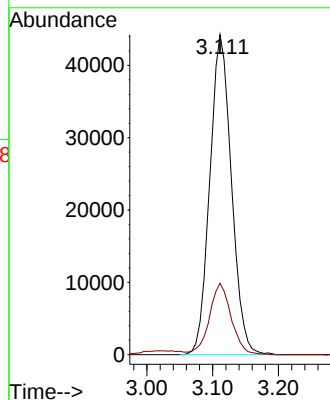
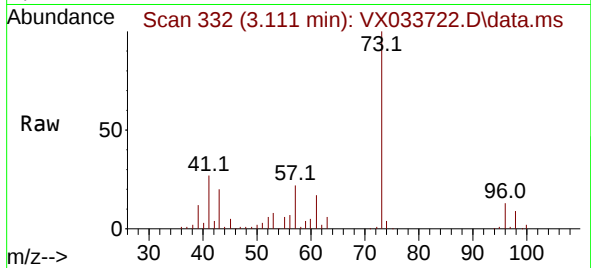
#19
Methyl tert-butyl Ether
Concen: 20.238 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tgt Ion: 73 Resp: 10122
Ion Ratio Lower Upper
73 100
57 22.3 17.4 26.0

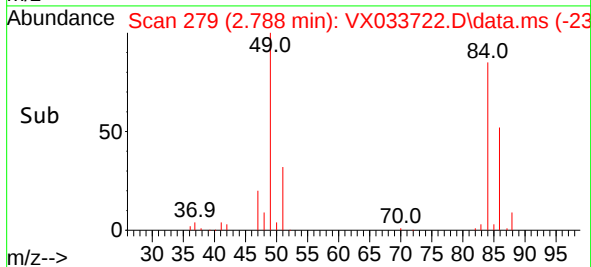
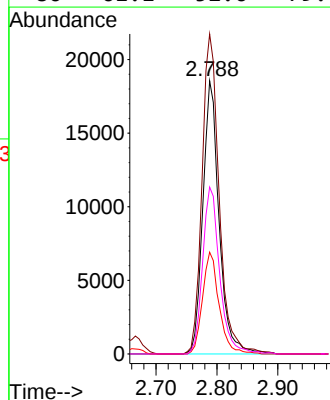
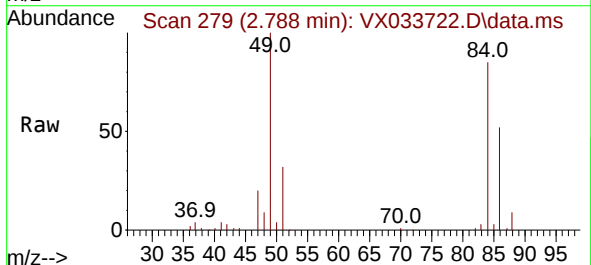
Manual Integrations
APPROVED

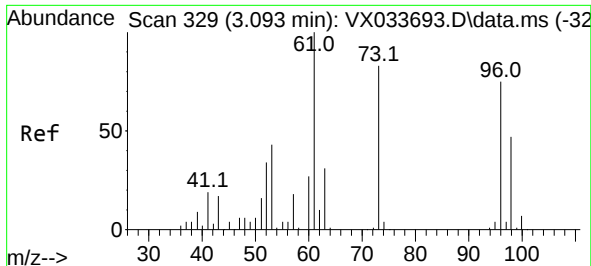
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#20
Methylene Chloride
Concen: 19.773 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

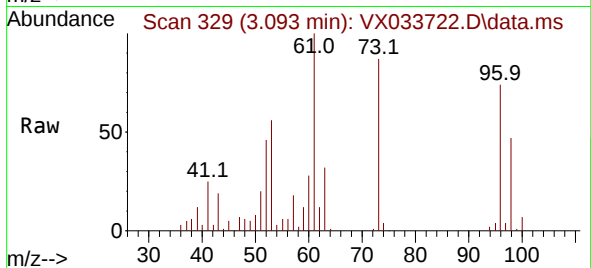
Tgt Ion: 84 Resp: 34492
Ion Ratio Lower Upper
84 100
49 117.2 101.1 151.7
51 37.3 31.0 46.6
86 61.1 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 19.605 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

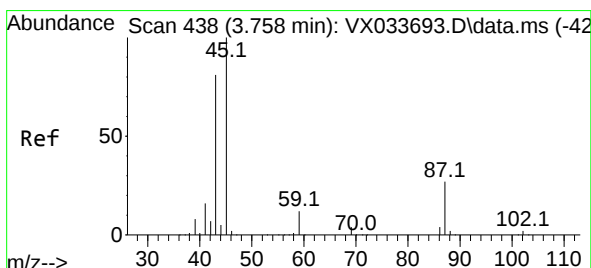
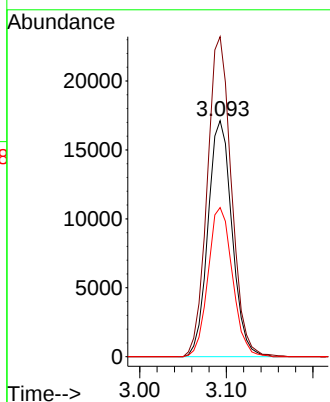
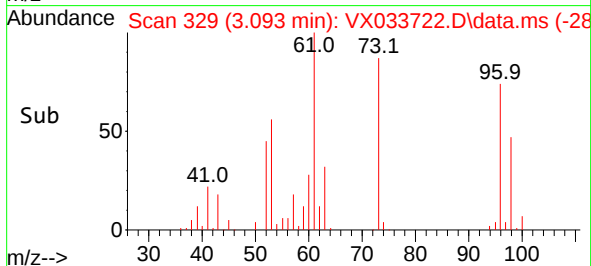
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01



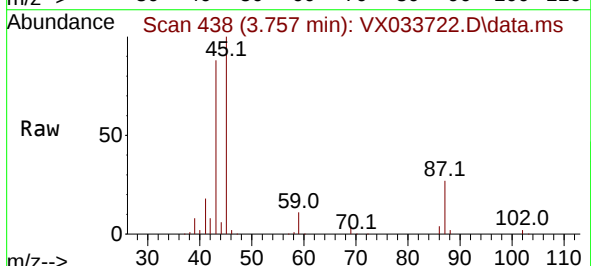
Tgt Ion: 96 Resp: 3300
Ion Ratio Lower Upper
96 100
61 135.5 106.7 160.1
98 63.1 50.0 75.0

Manual Integrations
APPROVED

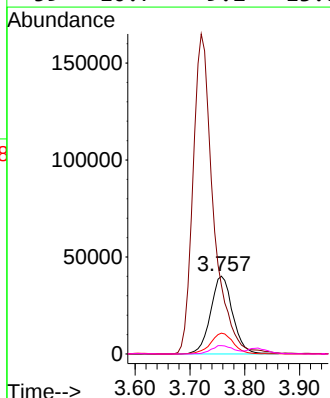
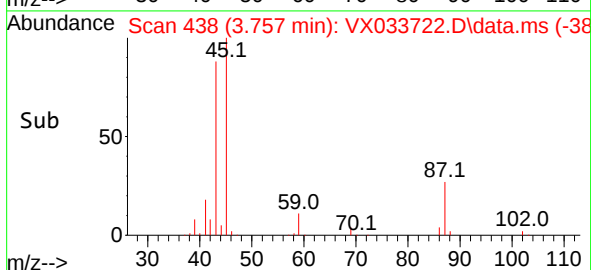
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

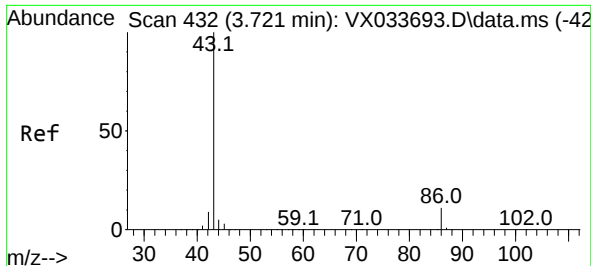


#22
Diisopropyl ether
Concen: 20.527 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05



Tgt Ion: 45 Resp: 112177
Ion Ratio Lower Upper
45 100
43 86.8 64.6 97.0
87 26.7 21.9 32.9
59 10.7 9.2 13.8





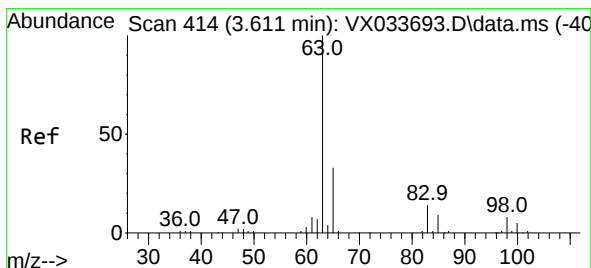
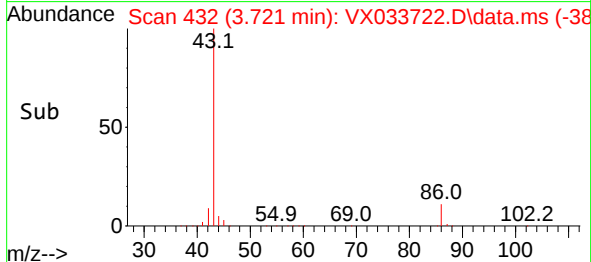
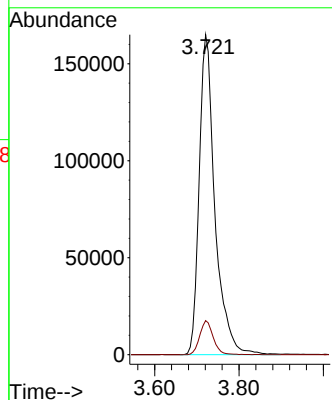
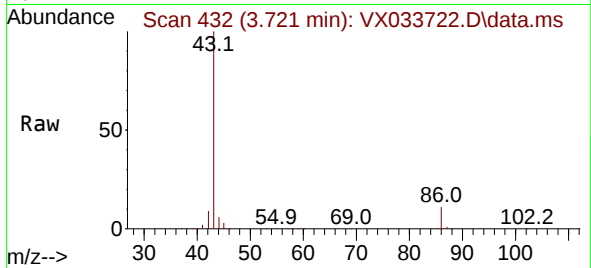
#23
 Vinyl Acetate
 Concen: 104.156 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX033722.D
 Acq: 13 Jan 2023 15:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBS01

Tgt Ion: 43 Resp: 428499
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.4 12.6

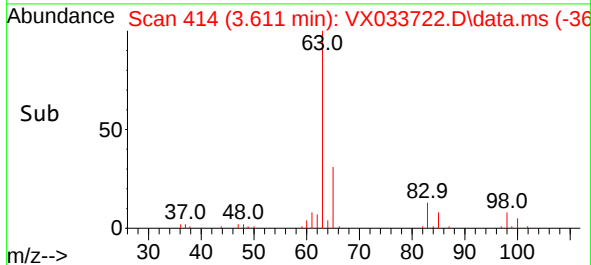
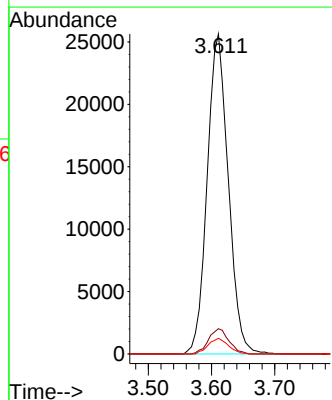
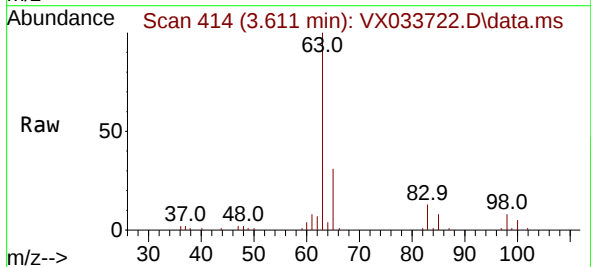
Manual Integrations
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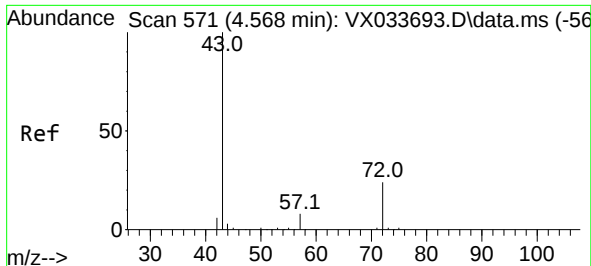
Reviewed By :John Carlone 01/16/2023
 Supervised By :Mahesh Dadoda 01/16/2023



#24
 1,1-Dichloroethane
 Concen: 19.879 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX033722.D
 Acq: 13 Jan 2023 15:05

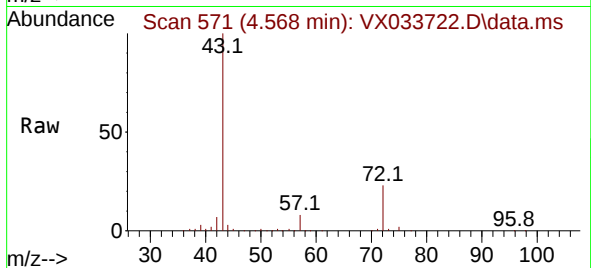
Tgt Ion: 63 Resp: 59438
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.8 11.2
 100 4.9 2.4 7.2





#25
2-Butanone
Concen: 101.871 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

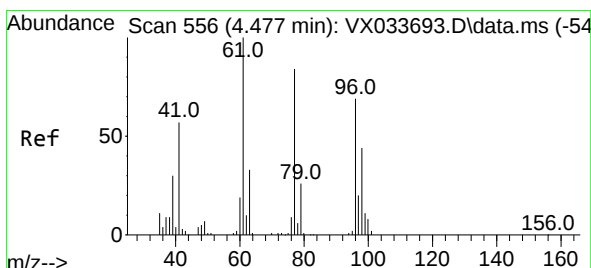
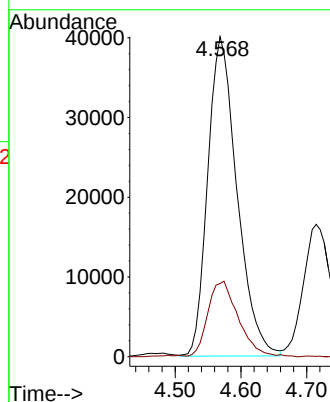
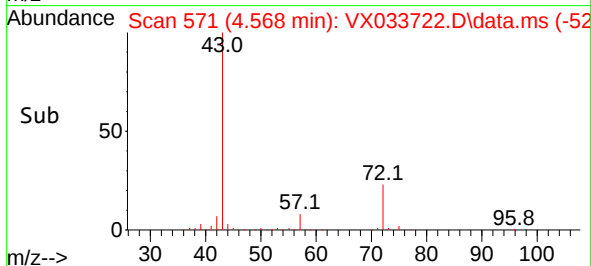
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01



Tgt Ion: 43 Resp: 12403
Ion Ratio Lower Upper
43 100
72 22.6 19.4 29.2

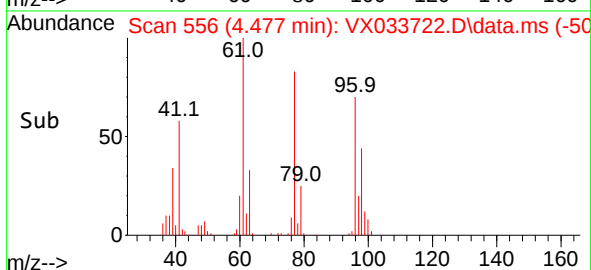
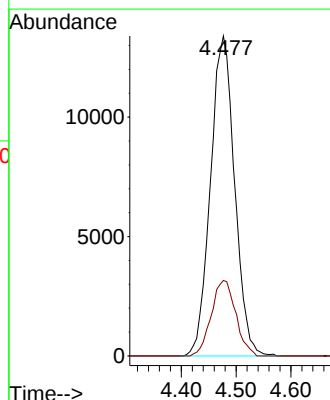
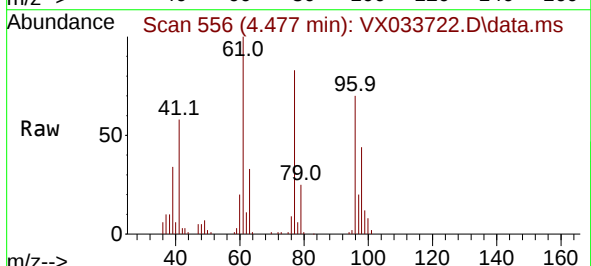
Manual Integrations
APPROVED

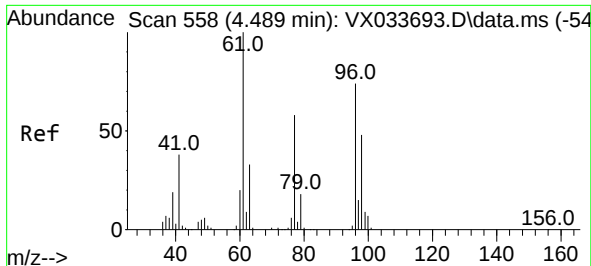
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#26
2,2-Dichloropropane
Concen: 19.133 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

Tgt Ion: 77 Resp: 40977
Ion Ratio Lower Upper
77 100
97 23.9 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 19.753 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX033722.D

Acq: 13 Jan 2023 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

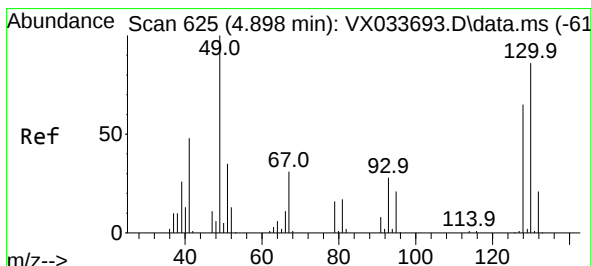
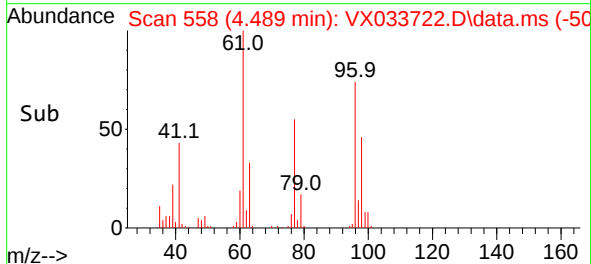
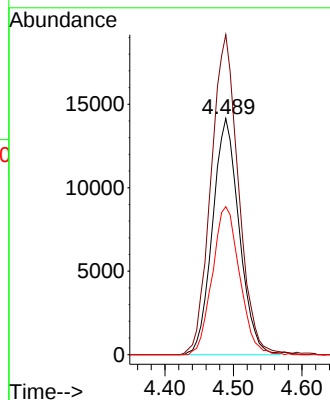
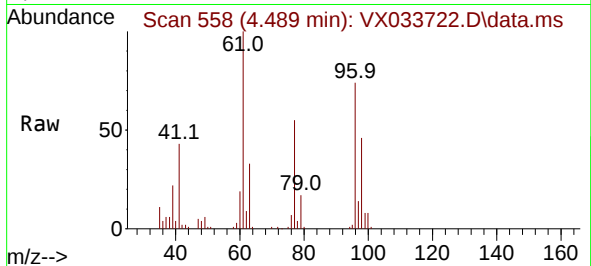
Tgt Ion: 96	Resp: 3823
Ion Ratio	Lower Upper
96 100	
61 139.6	0.0 277.6
98 64.1	0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#28

Bromochloromethane

Concen: 20.877 ug/l

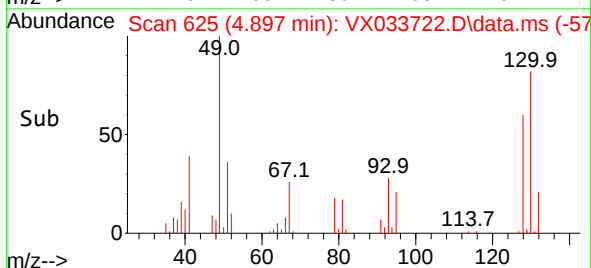
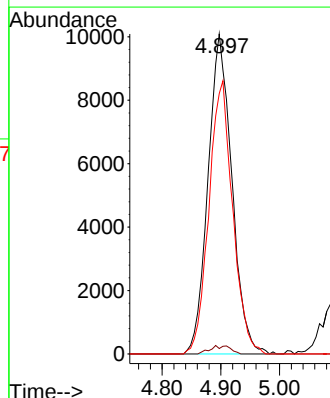
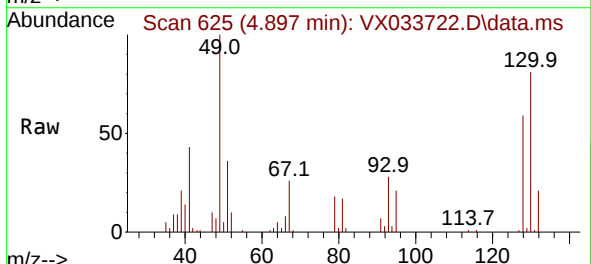
RT: 4.897 min Scan# 625

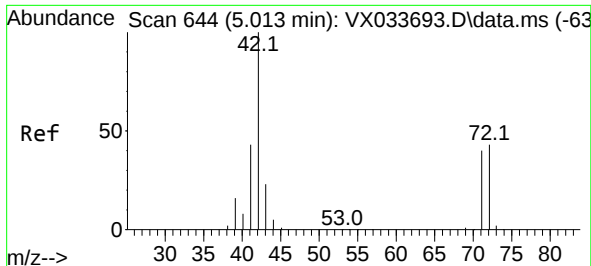
Delta R.T. -0.000 min

Lab File: VX033722.D

Acq: 13 Jan 2023 15:05

Tgt Ion: 49	Resp: 28433
Ion Ratio	Lower Upper
49 100	
129 1.1	0.0 4.6
130 85.0	68.5 102.7





#29

Tetrahydrofuran

Concen: 106.542 ug/l

RT: 5.013 min Scan# 644

Delta R.T. -0.000 min

Lab File: VX033722.D

Acq: 13 Jan 2023 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

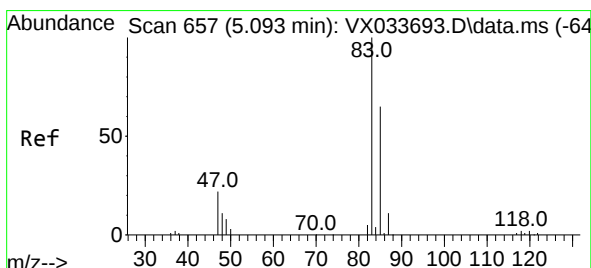
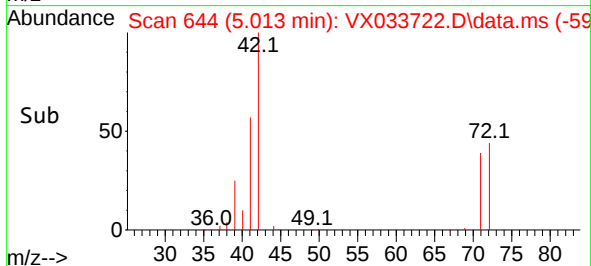
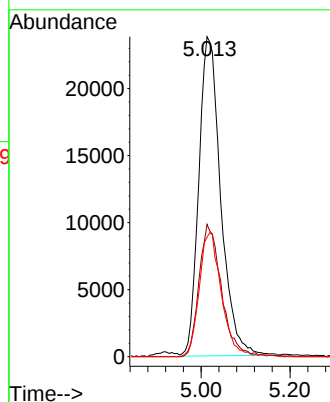
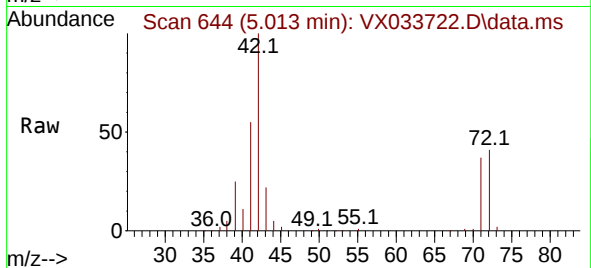
Tgt Ion:	42	Resp:	8176
Ion Ratio	Lower	Upper	
42	100		
72	42.4	34.8	52.2
71	38.9	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#30

Chloroform

Concen: 20.206 ug/l

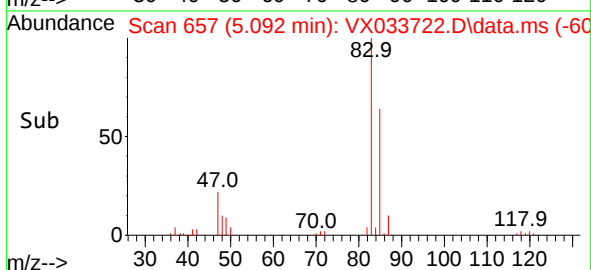
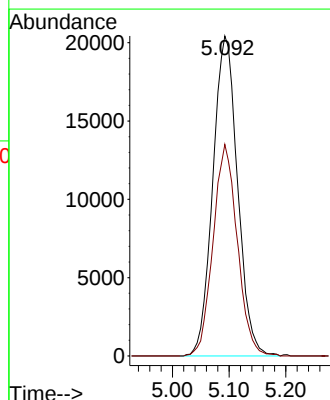
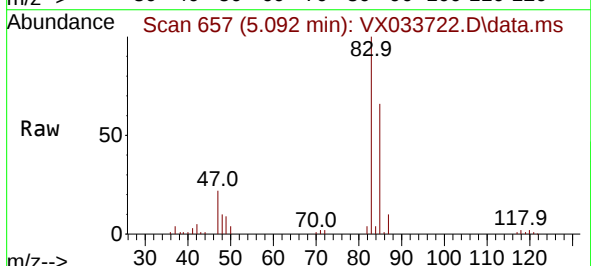
RT: 5.092 min Scan# 657

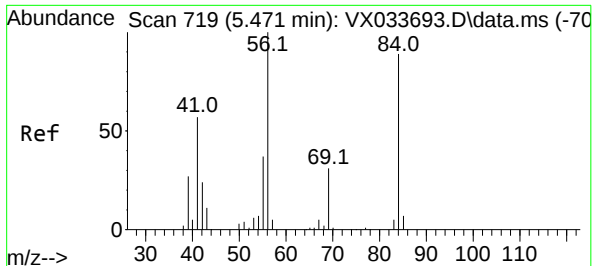
Delta R.T. -0.000 min

Lab File: VX033722.D

Acq: 13 Jan 2023 15:05

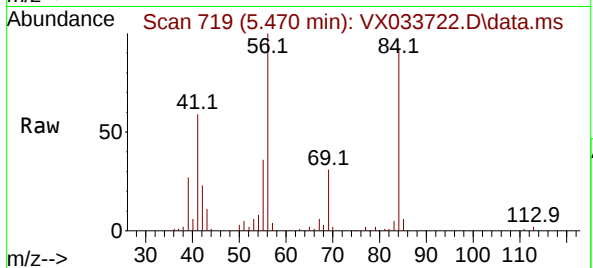
Tgt Ion:	83	Resp:	61878
Ion Ratio	Lower	Upper	
83	100		
85	66.1	52.1	78.1





#31
Cyclohexane
Concen: 20.694 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

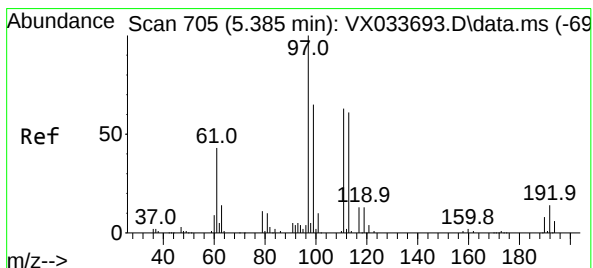
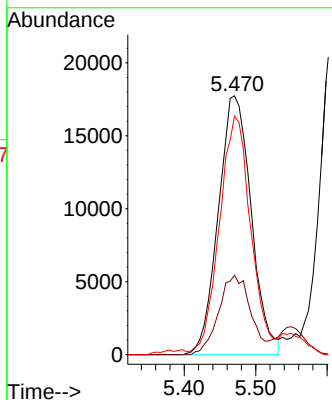
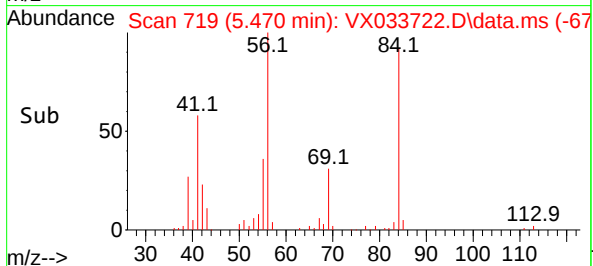
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01



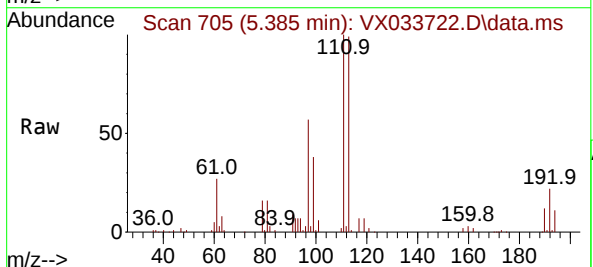
Tgt Ion: 56 Resp: 5674
Ion Ratio Lower Upper
56 100
69 30.6 24.6 37.0
84 90.5 71.0 106.6

Manual Integrations
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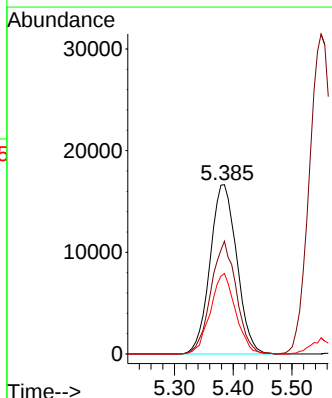
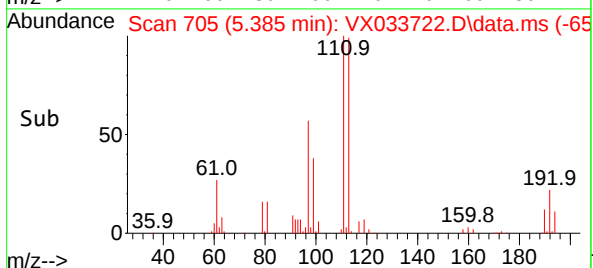
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

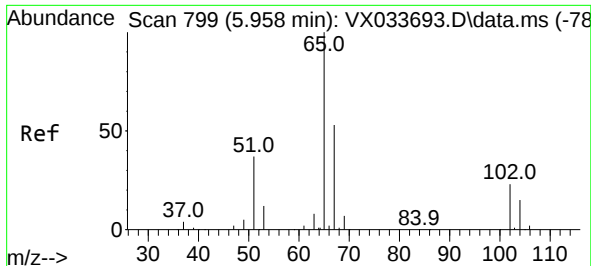


#32
1,1,1-Trichloroethane
Concen: 20.111 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05



Tgt Ion: 97 Resp: 52583
Ion Ratio Lower Upper
97 100
99 63.3 52.3 78.5
61 44.8 35.2 52.8





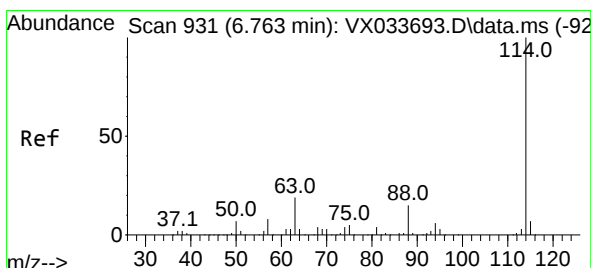
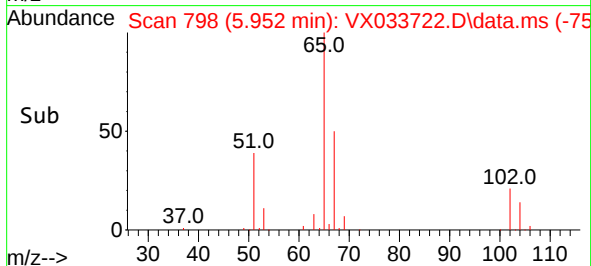
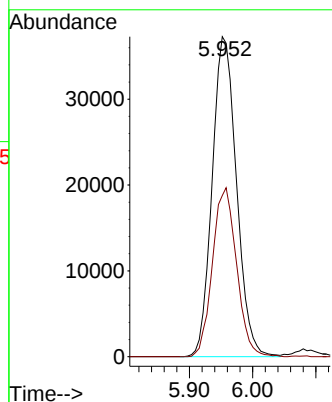
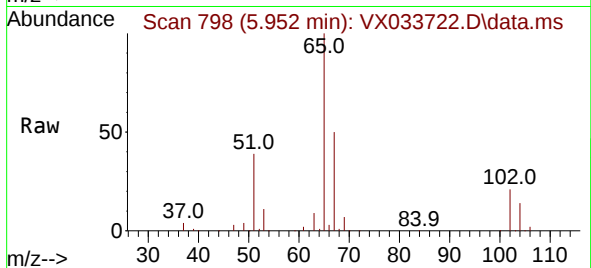
#33
 1,2-Dichloroethane-d4
 Concen: 53.443 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX033722.D
 Acq: 13 Jan 2023 15:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBS01

Tgt Ion: 65 Resp: 9959
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.8

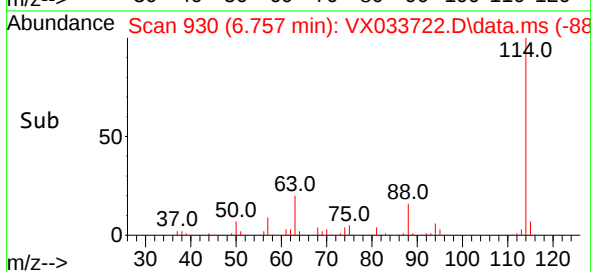
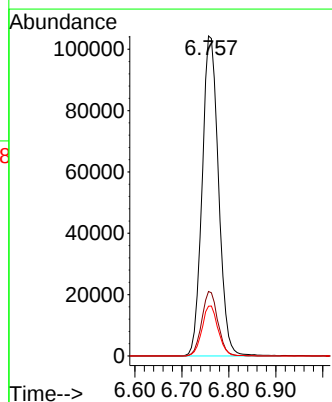
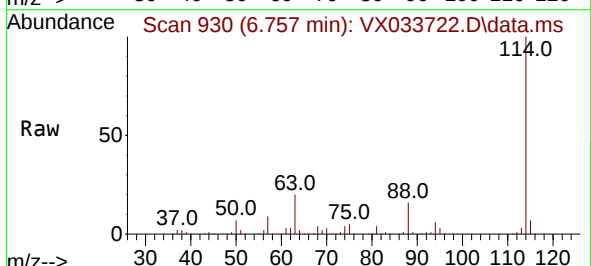
Manual Integrations
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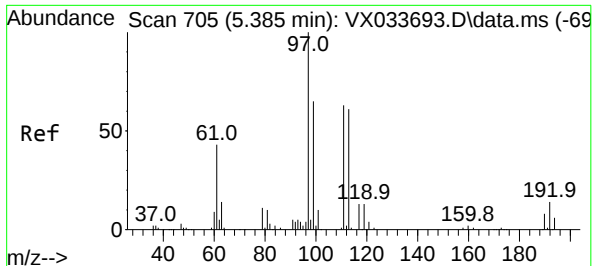
Reviewed By :John Carlone 01/16/2023
 Supervised By :Mahesh Dadoda 01/16/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX033722.D
 Acq: 13 Jan 2023 15:05

Tgt Ion:114 Resp: 252361
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 37.4
 88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.412 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX033722.D

Acq: 13 Jan 2023 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

Tgt Ion: 113 Resp: 8526

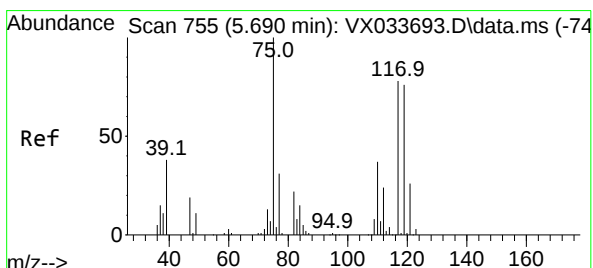
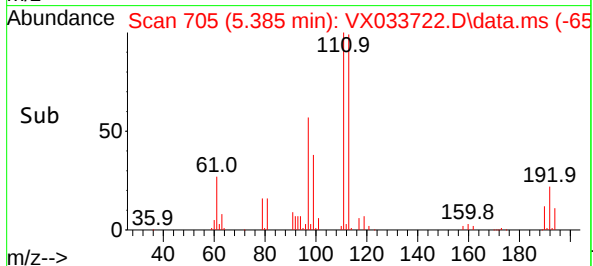
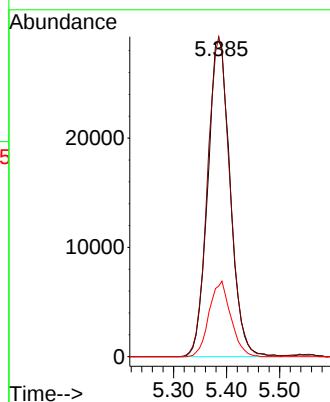
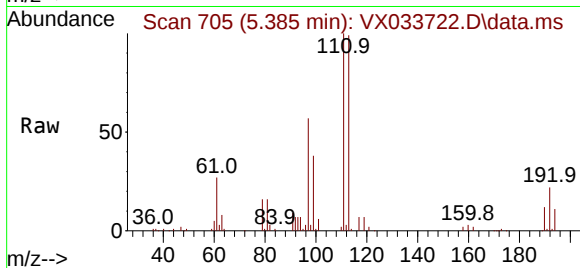
Ion	Ratio	Lower	Upper
113	100		
111	100.9	83.0	124.6
192	23.1	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#36

1,1-Dichloropropene

Concen: 20.115 ug/l

RT: 5.690 min Scan# 755

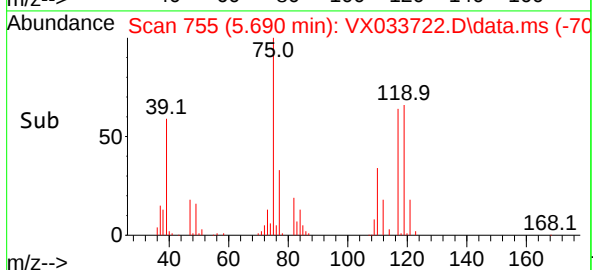
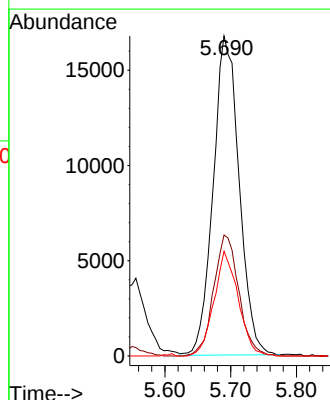
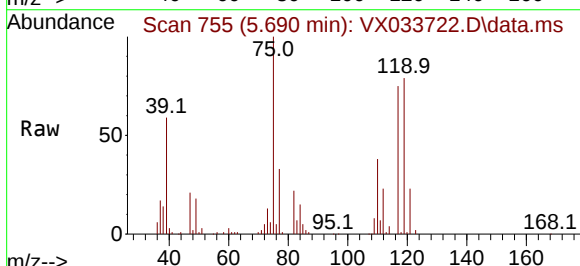
Delta R.T. -0.000 min

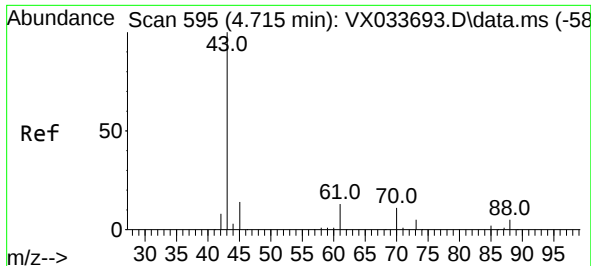
Lab File: VX033722.D

Acq: 13 Jan 2023 15:05

Tgt Ion: 75 Resp: 46004

Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.8	56.4
77	30.7	25.1	37.7





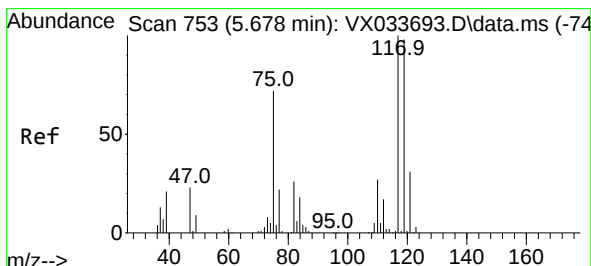
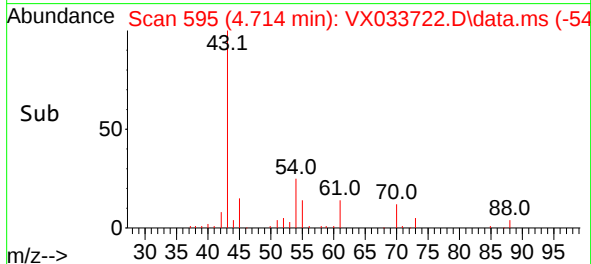
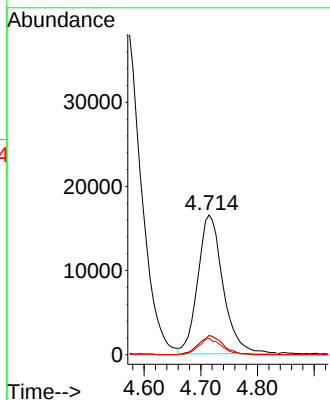
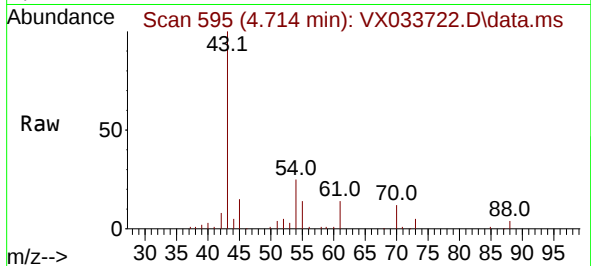
#37
Ethyl Acetate
Concen: 21.710 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.001 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tgt Ion: 43 Resp: 5090
Ion Ratio Lower Upper
43 100
61 13.3 11.1 16.7
70 10.7 8.5 12.7

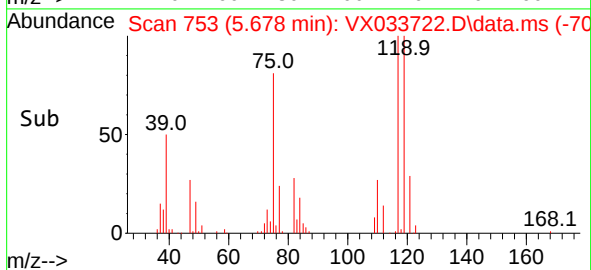
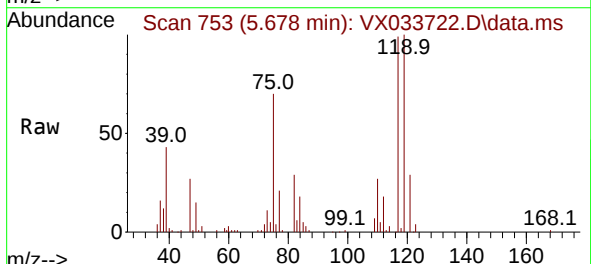
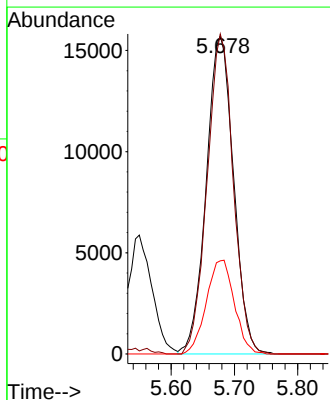
Manual Integrations
APPROVED

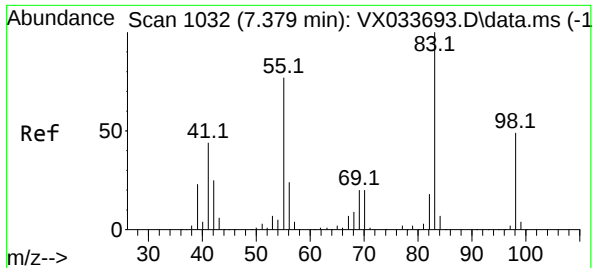
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#38
Carbon Tetrachloride
Concen: 19.864 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

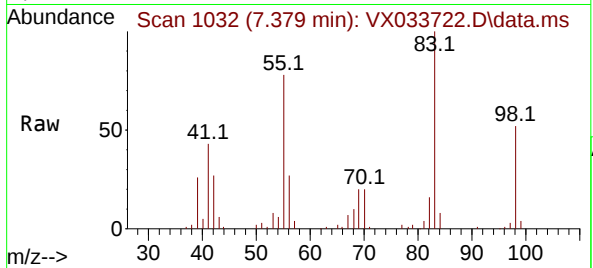
Tgt Ion:117 Resp: 47051
Ion Ratio Lower Upper
117 100
119 100.6 78.0 117.0
121 29.3 24.4 36.6





#39
Methylcyclohexane
Concen: 20.846 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

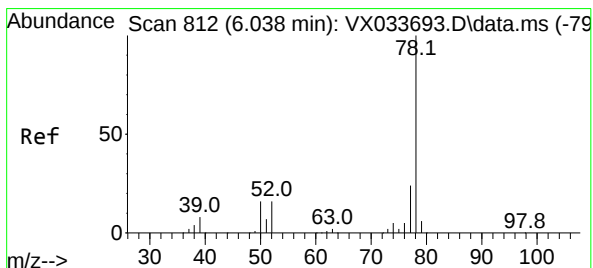
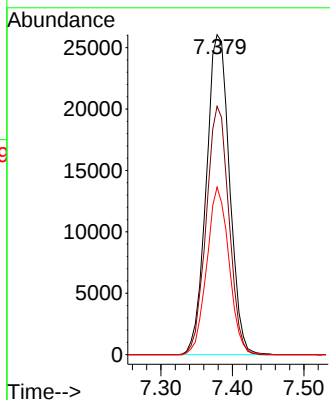
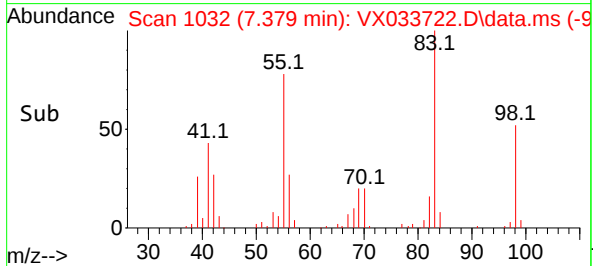
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01



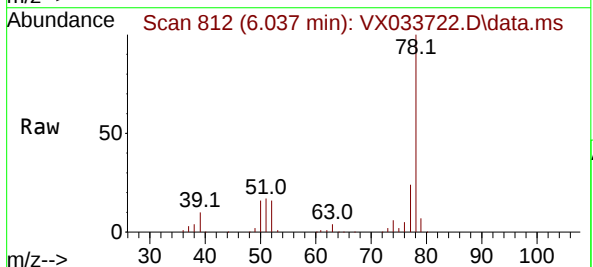
Tgt Ion: 83 Resp: 5887
Ion Ratio Lower Upper
83 100
55 77.6 61.8 92.6
98 52.3 39.3 58.9

Manual Integrations
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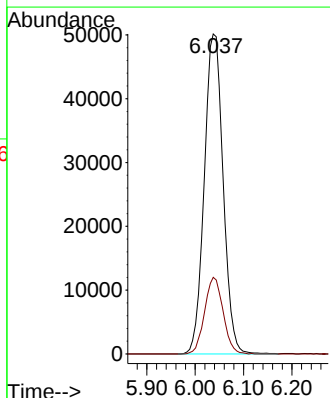
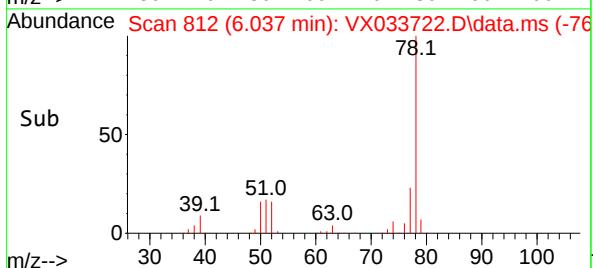
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

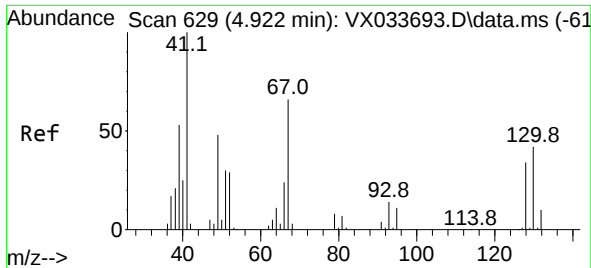


#40
Benzene
Concen: 20.375 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05



Tgt Ion: 78 Resp: 135818
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4





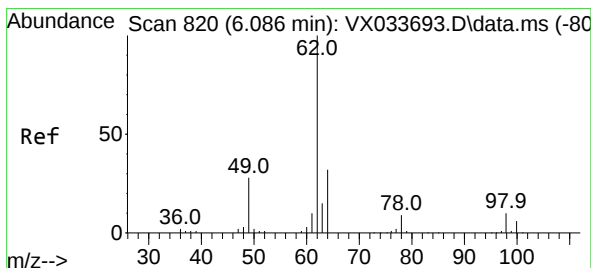
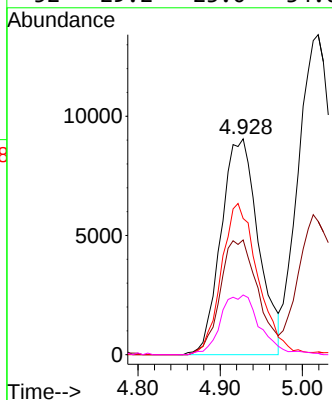
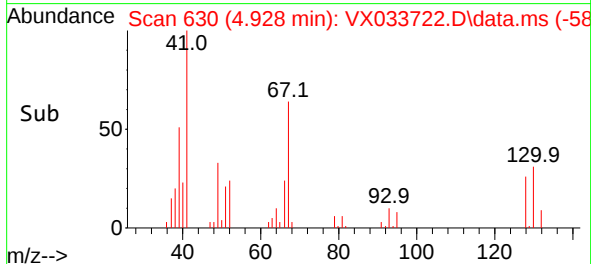
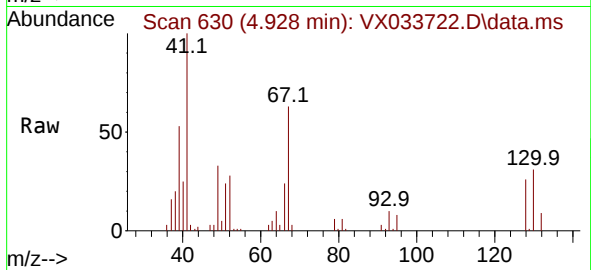
#41
Methacrylonitrile
Concen: 22.730 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tgt Ion: 41	Resp: 2864
Ion Ratio	Lower Upper
41 100	
39 53.7	43.8 65.6
67 69.2	54.8 82.2
52 29.2	23.0 34.6

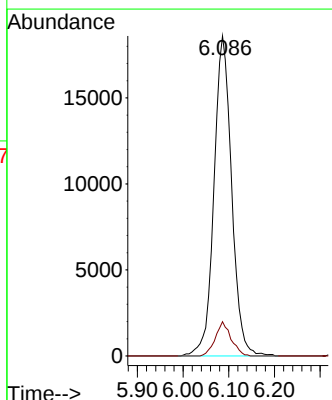
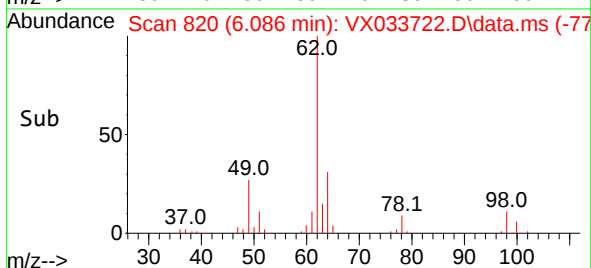
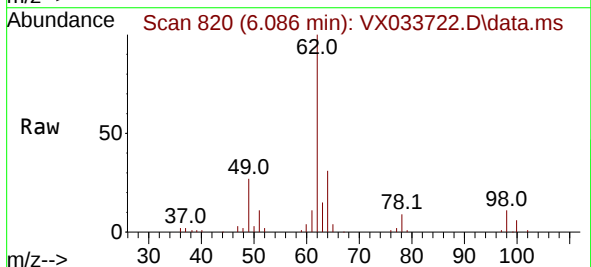
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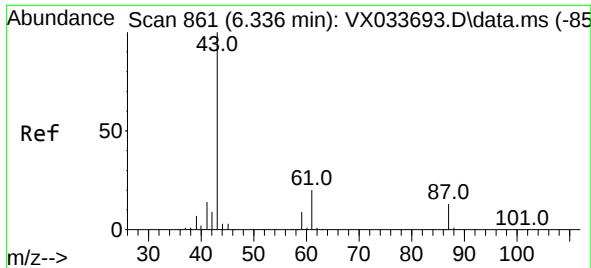
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#42
1,2-Dichloroethane
Concen: 21.170 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

Tgt Ion: 62	Resp: 50011
Ion Ratio	Lower Upper
62 100	
98 9.5	0.0 20.2





#43

Isopropyl Acetate

Concen: 20.288 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX033722.D

Acq: 13 Jan 2023 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

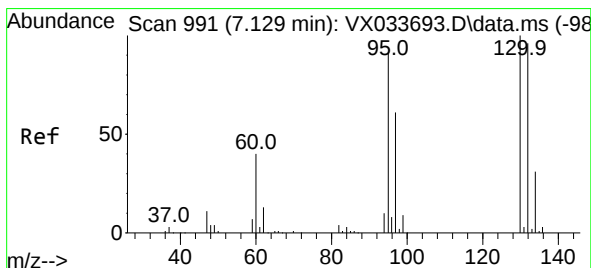
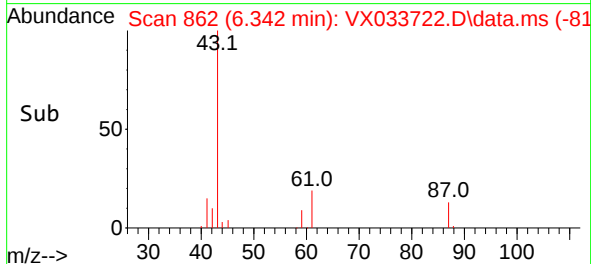
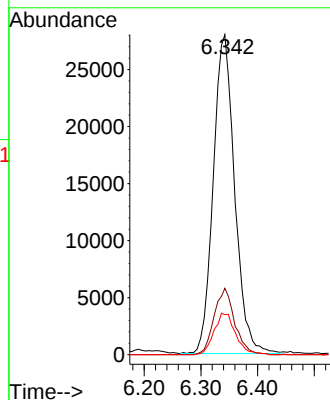
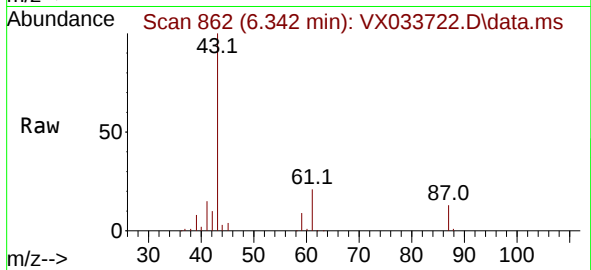
Tgt Ion: 43	Resp: 73250
Ion Ratio	Lower Upper
43 100	
61 20.1	15.7 23.5
87 13.1	10.6 15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#44

Trichloroethene

Concen: 20.487 ug/l

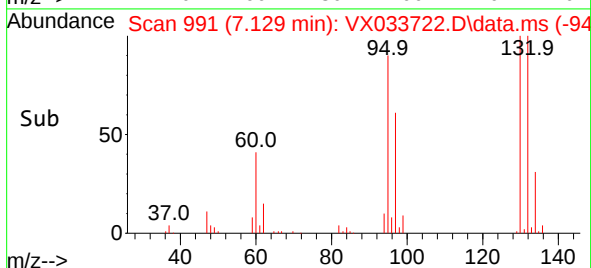
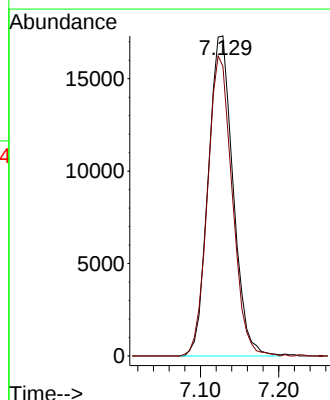
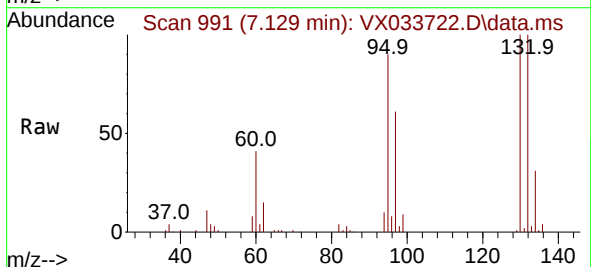
RT: 7.129 min Scan# 991

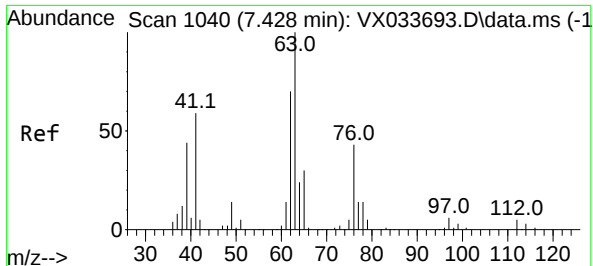
Delta R.T. -0.000 min

Lab File: VX033722.D

Acq: 13 Jan 2023 15:05

Tgt Ion:130	Resp: 38190
Ion Ratio	Lower Upper
130 100	
95 90.5	0.0 182.6





#45

1,2-Dichloropropane

Concen: 20.794 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX033722.D

Acq: 13 Jan 2023 15:05

Instrument :

MSVOA_X

ClientSampleId :

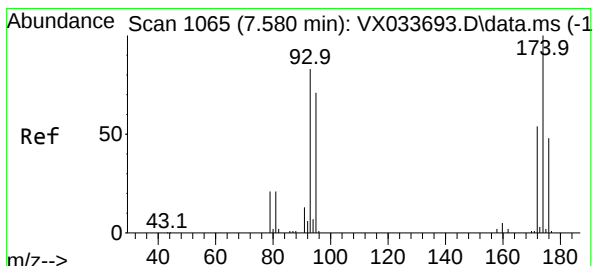
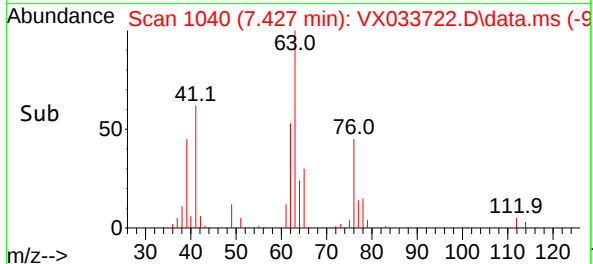
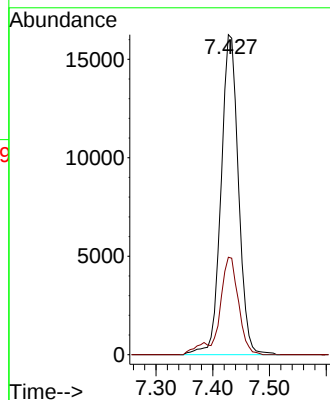
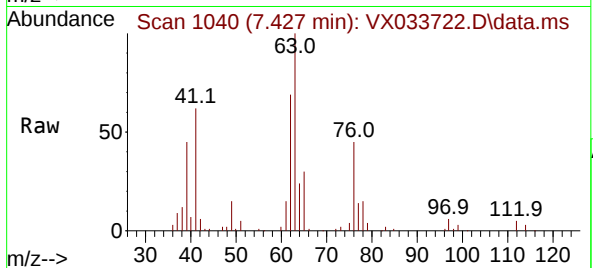
VX0114WBS01

Tgt Ion: 63 Resp: 34724
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023
 Supervised By :Mahesh Dadoda 01/16/2023



#46

Dibromomethane

Concen: 20.539 ug/l

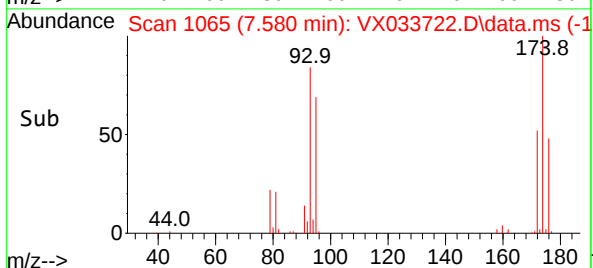
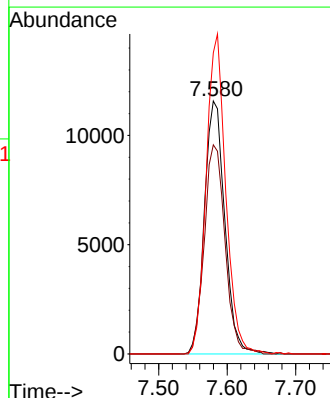
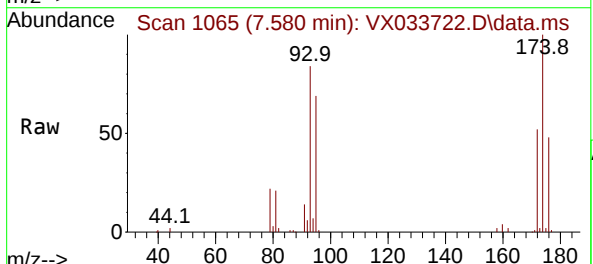
RT: 7.580 min Scan# 1065

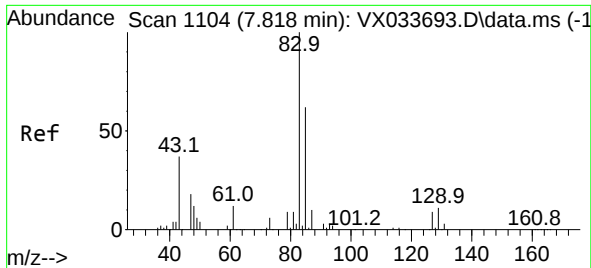
Delta R.T. -0.000 min

Lab File: VX033722.D

Acq: 13 Jan 2023 15:05

Tgt Ion: 93 Resp: 23957
 Ion Ratio Lower Upper
 93 100
 95 84.3 67.6 101.4
 174 121.4 97.4 146.0





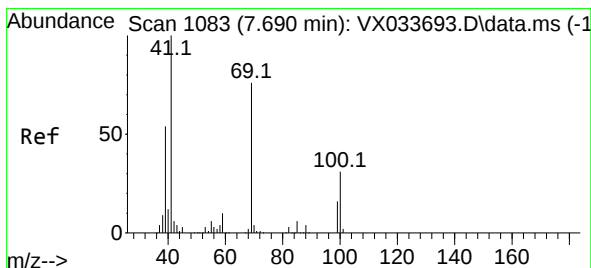
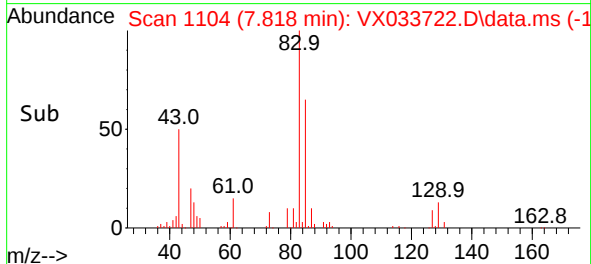
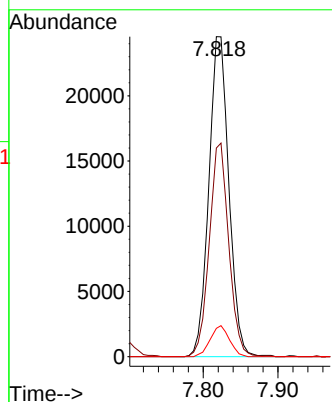
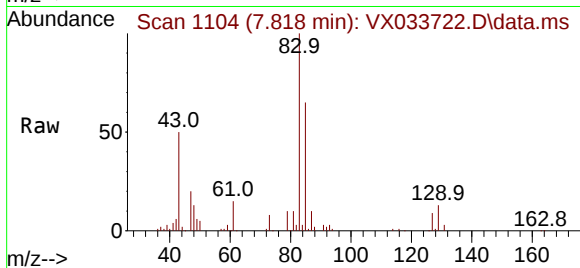
#47
Bromodichloromethane
Concen: 20.354 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tgt Ion: 83 Resp: 4575
Ion Ratio Lower Upper
83 100
85 65.2 49.8 74.6
127 8.9 7.0 10.4

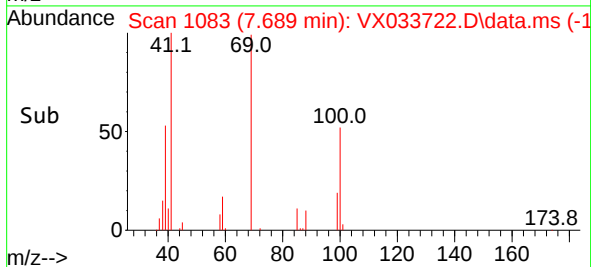
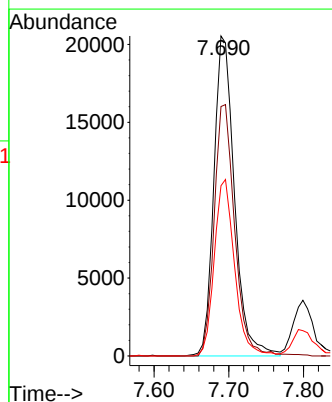
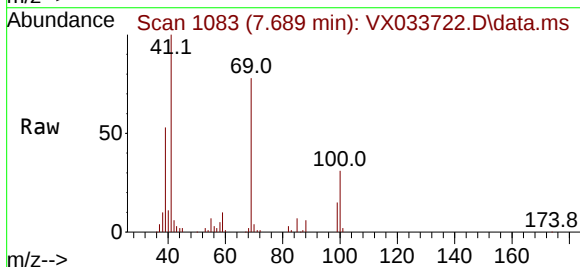
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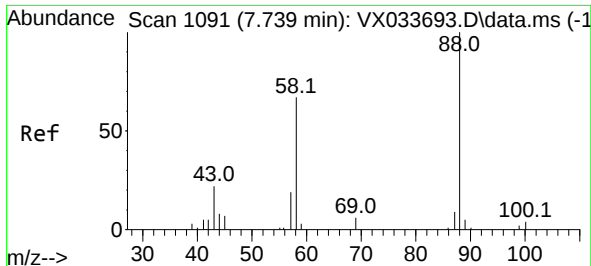
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#48
Methyl methacrylate
Concen: 21.660 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

Tgt Ion: 41 Resp: 39394
Ion Ratio Lower Upper
41 100
69 78.2 63.1 94.7
39 54.3 43.2 64.8





#49

1,4-Dioxane

Concen: 445.267 ug/l

RT: 7.732 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VX033722.D

Acq: 13 Jan 2023 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

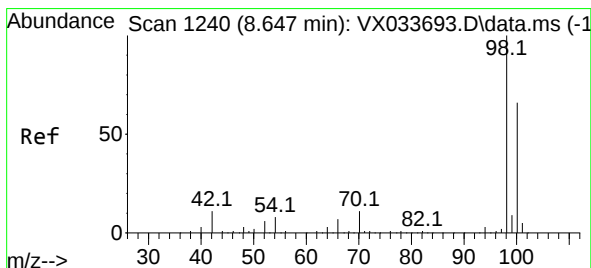
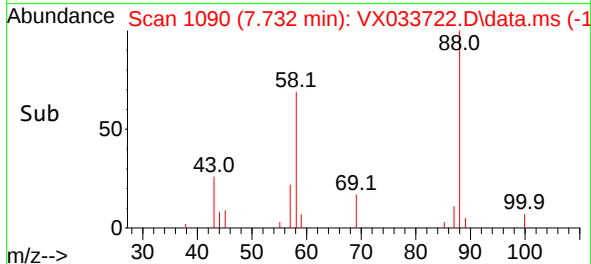
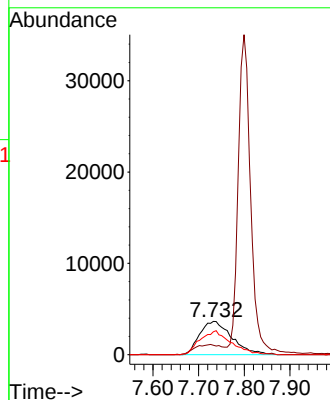
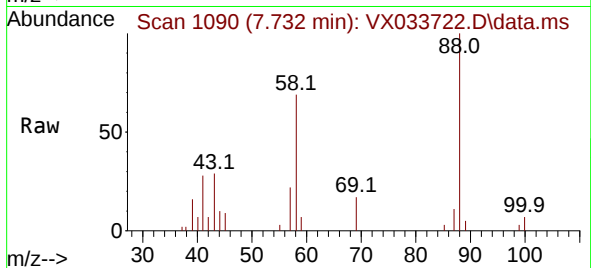
Tgt Ion: 88 Resp: 17911
 Ion Ratio Lower Upper
 88 100
 43 27.0 0.0 0.0
 58 69.5 56.5 84.7

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Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#50

Toluene-d8

Concen: 55.331 ug/l

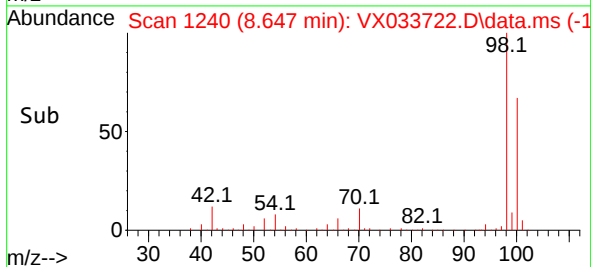
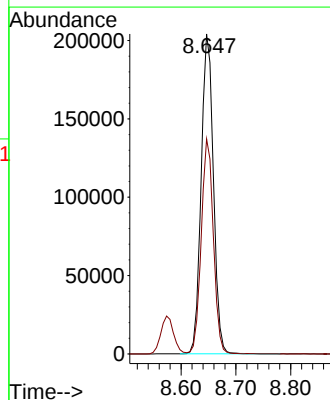
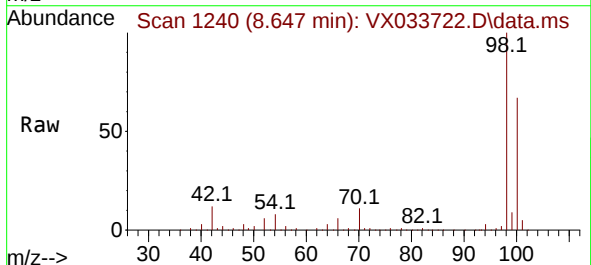
RT: 8.647 min Scan# 1240

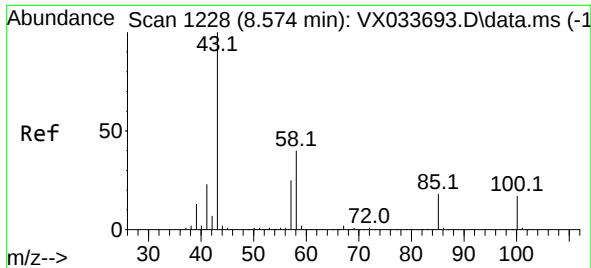
Delta R.T. -0.000 min

Lab File: VX033722.D

Acq: 13 Jan 2023 15:05

Tgt Ion: 98 Resp: 315911
 Ion Ratio Lower Upper
 98 100
 100 66.6 53.6 80.4





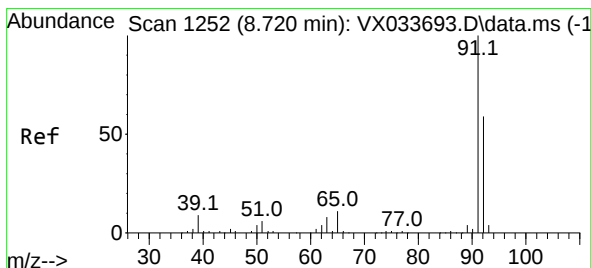
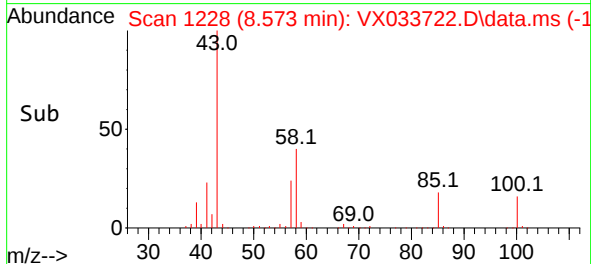
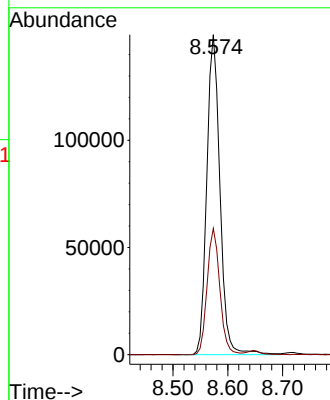
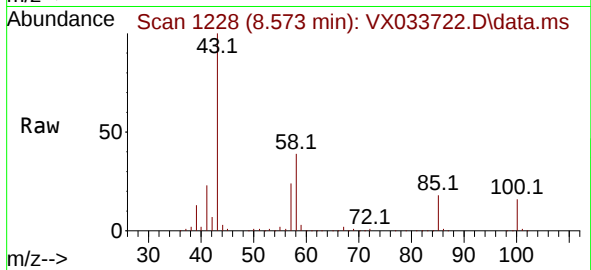
#51
4-Methyl-2-Pentanone
Concen: 111.866 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tgt Ion: 43 Resp: 248040
Ion Ratio Lower Upper
43 100
58 38.0 31.2 46.8

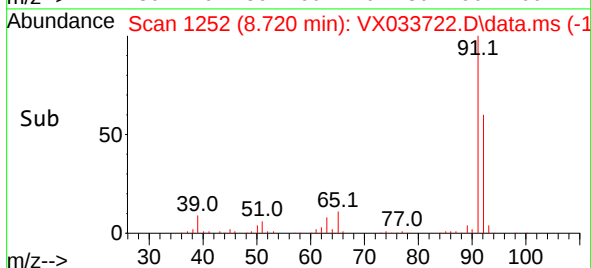
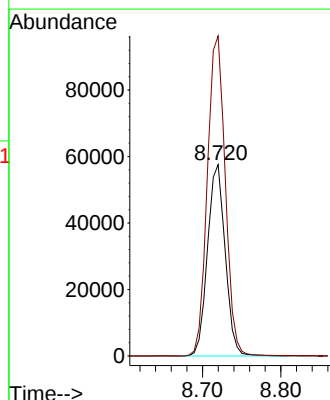
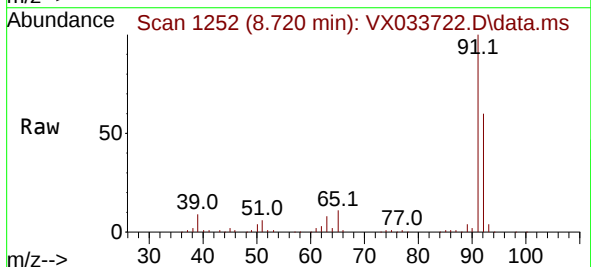
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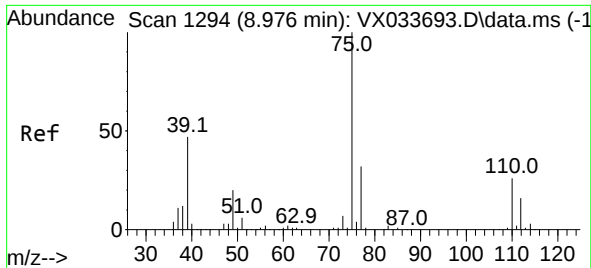
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#52
Toluene
Concen: 20.883 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

Tgt Ion: 92 Resp: 89897
Ion Ratio Lower Upper
92 100
91 170.2 135.5 203.3





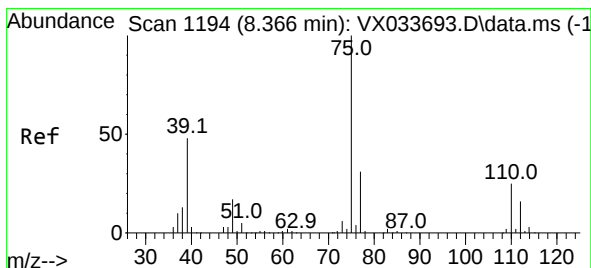
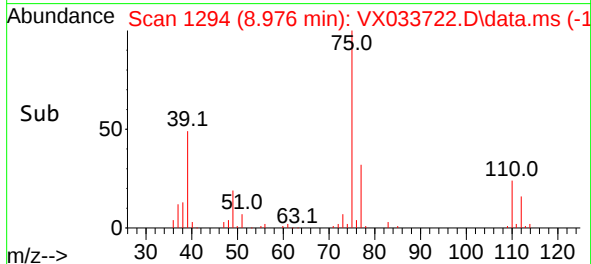
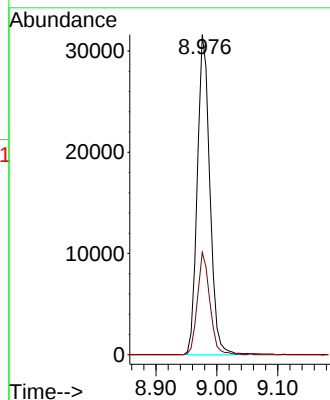
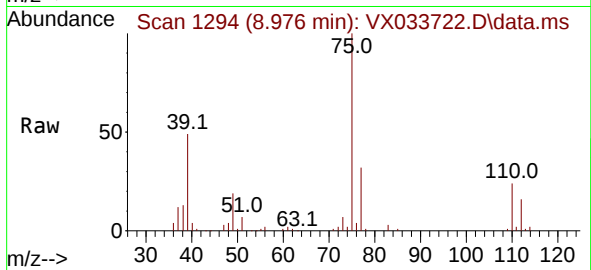
#53
t-1,3-Dichloropropene
Concen: 20.146 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tgt Ion: 75 Resp: 4528
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3

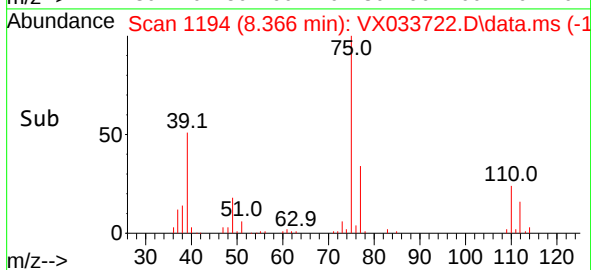
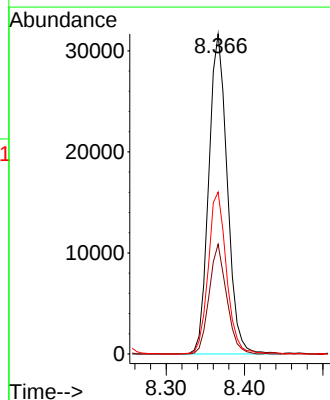
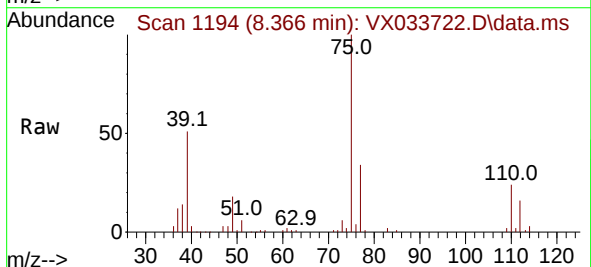
Manual Integrations
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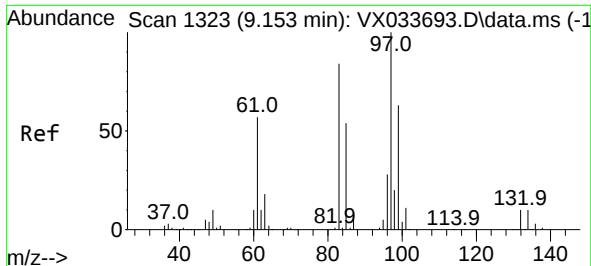
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#54
cis-1,3-Dichloropropene
Concen: 20.584 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

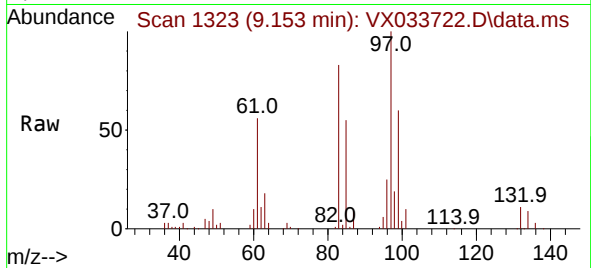
Tgt Ion: 75 Resp: 51848
Ion Ratio Lower Upper
75 100
77 34.3 25.0 37.6
39 50.6 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 21.253 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

Instrument : MSVOA_X
ClientSampleId : VX0114WBS01

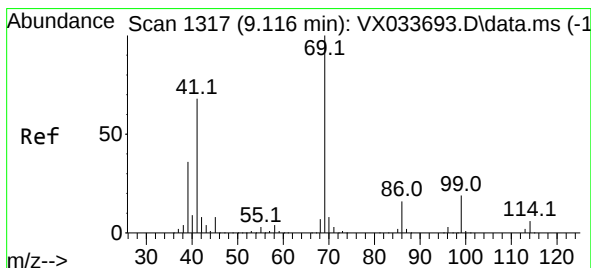
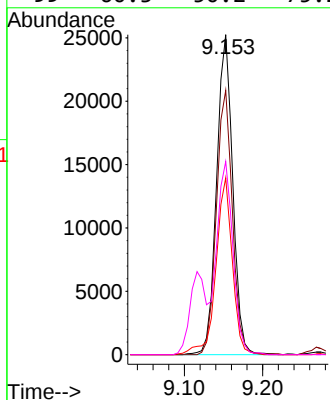
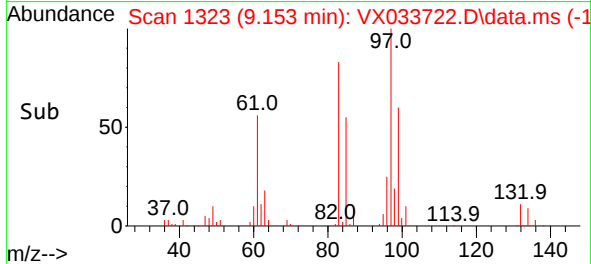


Tgt Ion: 97 Resp: 36210

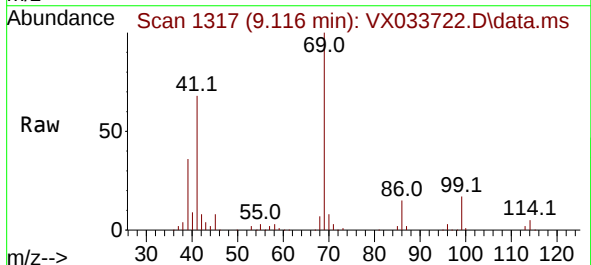
Ion	Ratio	Lower	Upper
97	100		
83	82.6	67.4	101.0
85	55.2	43.2	64.8
99	60.3	50.2	75.2

Manual Integrations
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Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

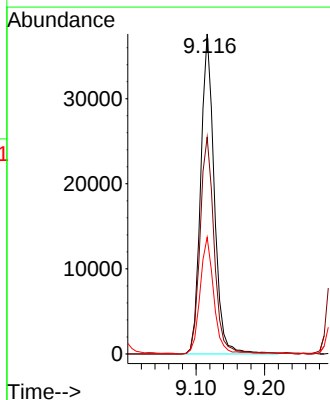
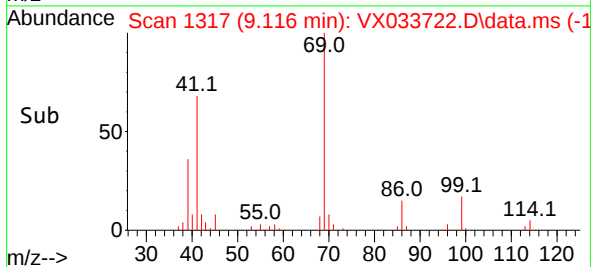


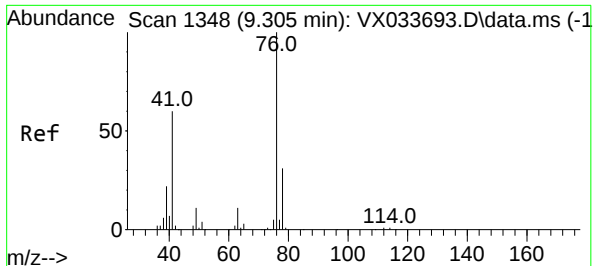
#56
Ethyl methacrylate
Concen: 21.672 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05



Tgt Ion: 69 Resp: 51972

Ion	Ratio	Lower	Upper
69	100		
41	70.2	55.1	82.7
39	37.0	28.5	42.7





#57

1,3-Dichloropropane

Concen: 21.664 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.006 min

Lab File: VX033722.D

Acq: 13 Jan 2023 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

Tgt Ion: 76 Resp: 5985

Ion Ratio Lower Upper

76 100

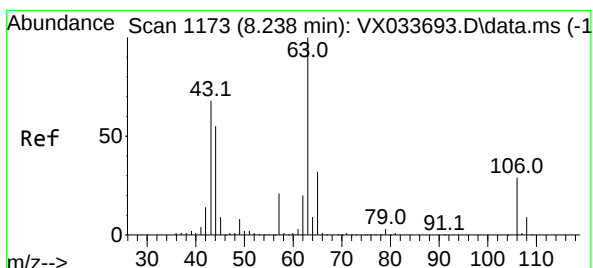
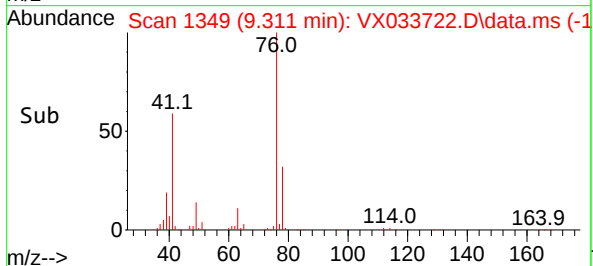
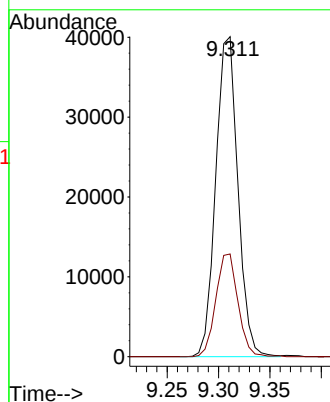
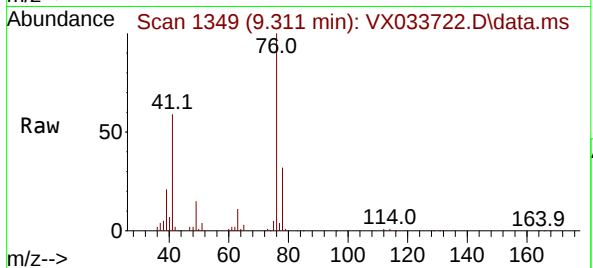
78 32.1 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#58

2-Chloroethyl Vinyl ether

Concen: 108.355 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX033722.D

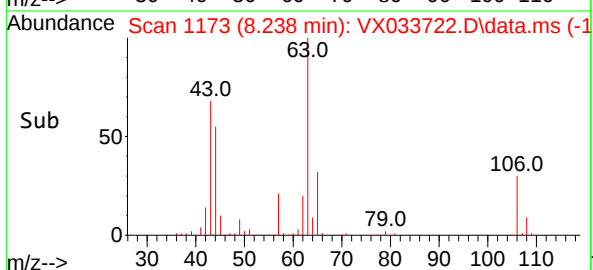
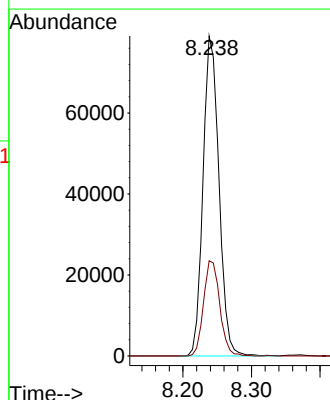
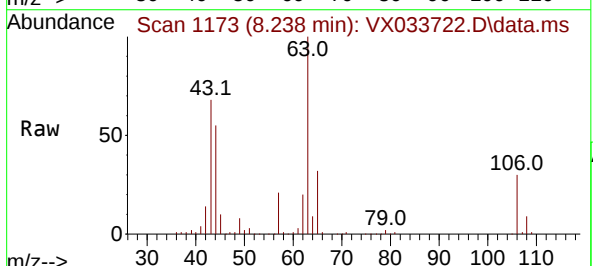
Acq: 13 Jan 2023 15:05

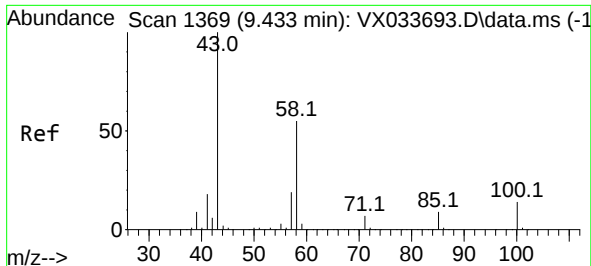
Tgt Ion: 63 Resp: 127972

Ion Ratio Lower Upper

63 100

106 30.3 24.5 36.7





#59

2-Hexanone

Concen: 115.875 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX033722.D

Acq: 13 Jan 2023 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

Tgt Ion: 43 Resp: 17883

Ion Ratio Lower Upper

43 100

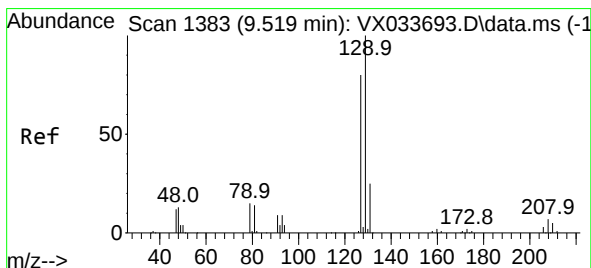
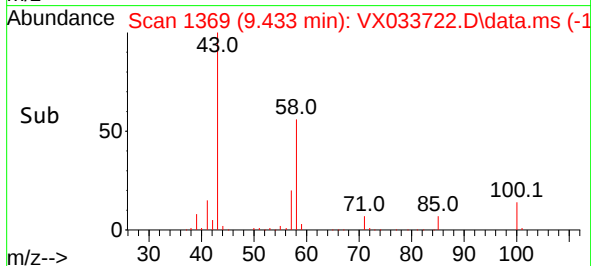
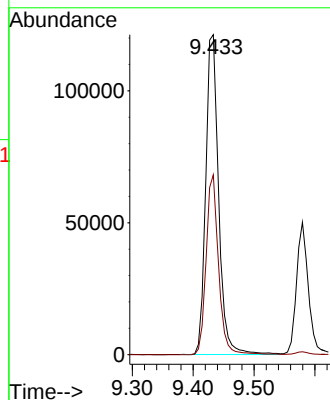
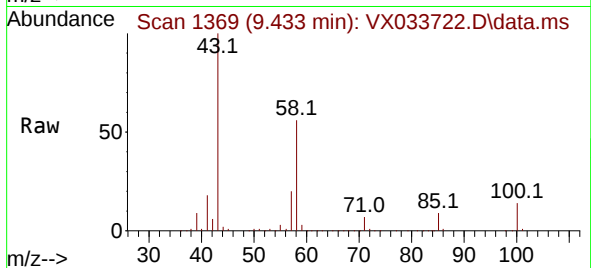
58 54.3 27.4 82.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#60

Dibromochloromethane

Concen: 21.197 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX033722.D

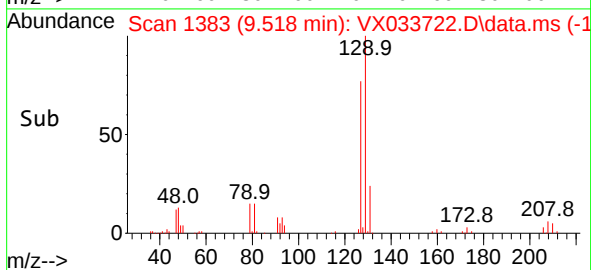
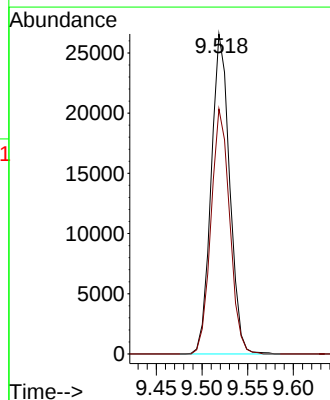
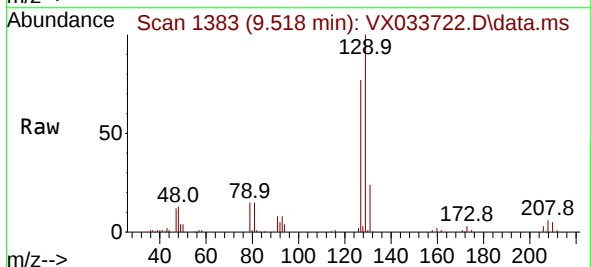
Acq: 13 Jan 2023 15:05

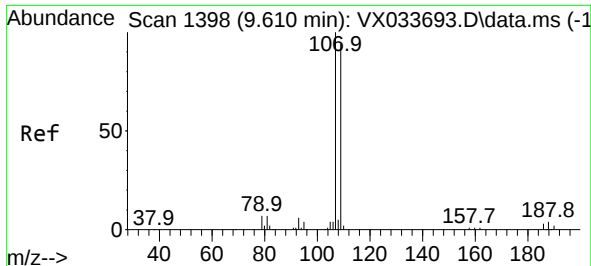
Tgt Ion:129 Resp: 37446

Ion Ratio Lower Upper

129 100

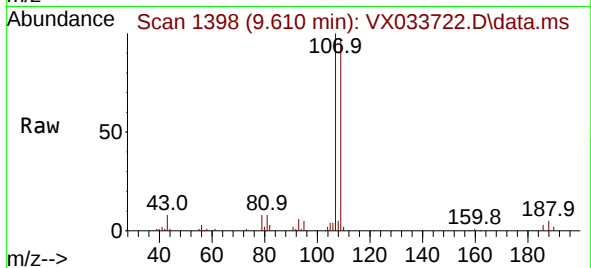
127 77.2 38.8 116.3





#61
1,2-Dibromoethane
Concen: 21.908 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

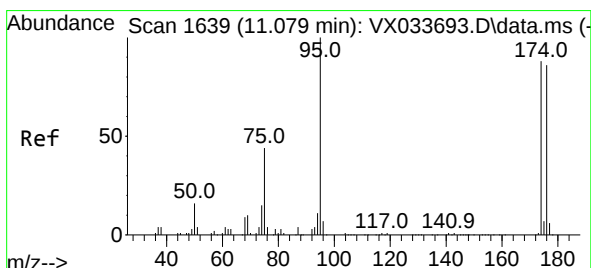
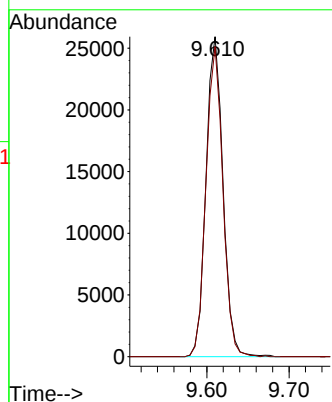
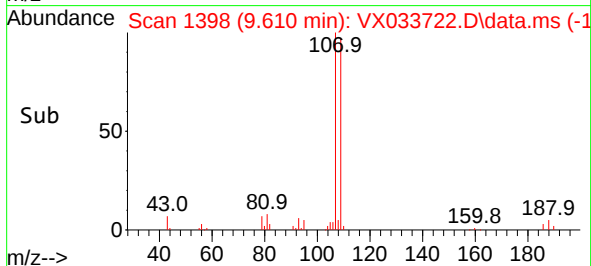
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01



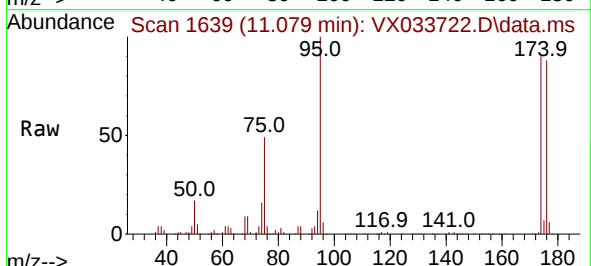
Tgt Ion:107 Resp: 37250
Ion Ratio Lower Upper
107 100
109 96.1 74.2 111.2

Manual Integrations
APPROVED

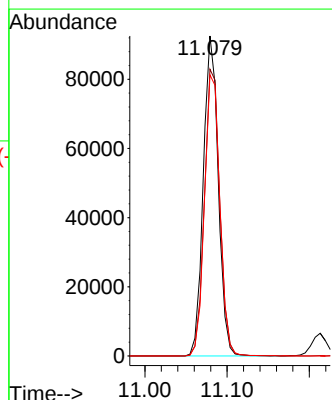
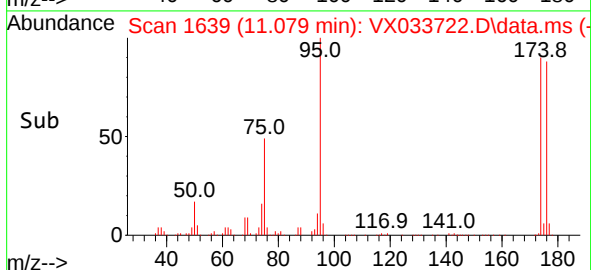
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

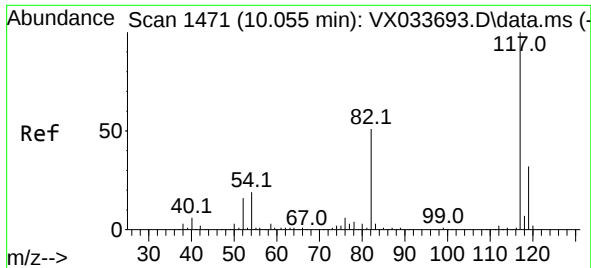


#62
4-Bromofluorobenzene
Concen: 55.060 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05



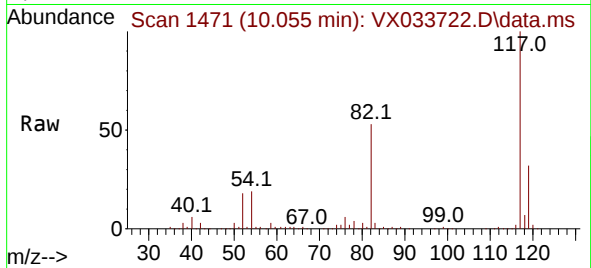
Tgt Ion: 95 Resp: 116717
Ion Ratio Lower Upper
95 100
174 92.1 0.0 184.4
176 90.5 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

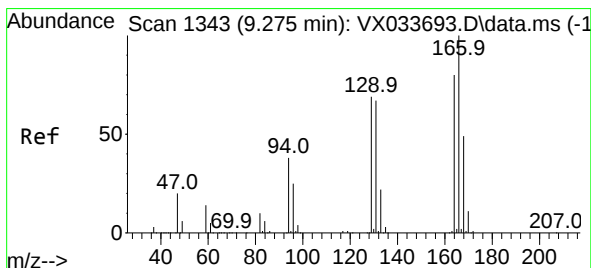
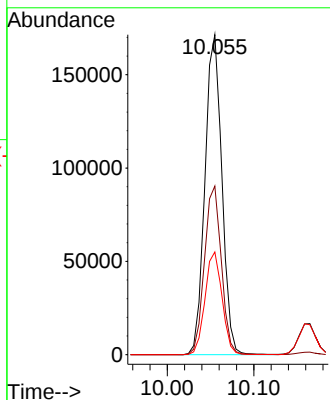
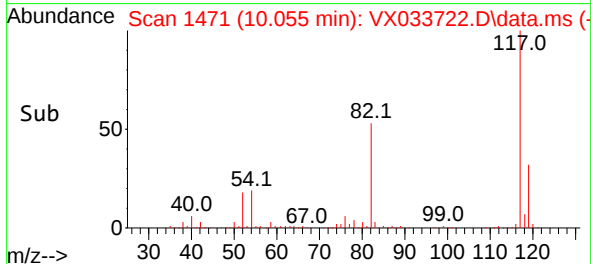
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01



Tgt Ion:117 Resp: 23294
Ion Ratio Lower Upper
117 100
82 52.7 40.6 60.8
119 32.1 25.6 38.4

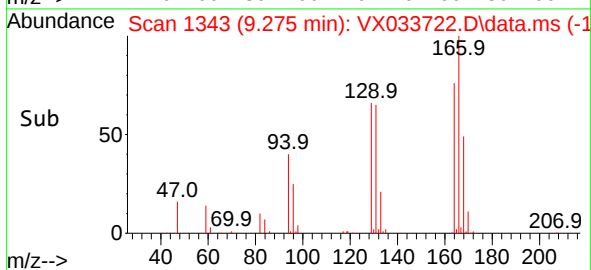
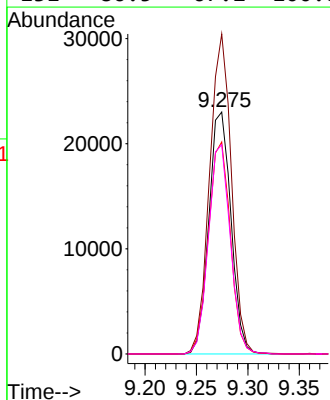
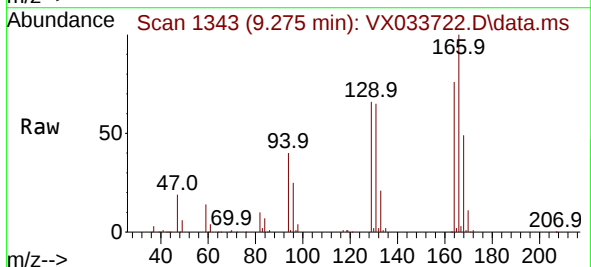
Manual Integrations
APPROVED

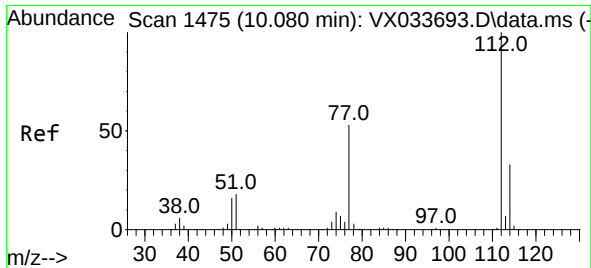
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#64
Tetrachloroethene
Concen: 20.112 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

Tgt Ion:164 Resp: 34477
Ion Ratio Lower Upper
164 100
166 132.3 100.2 150.2
129 87.6 69.2 103.8
131 86.5 67.2 100.8





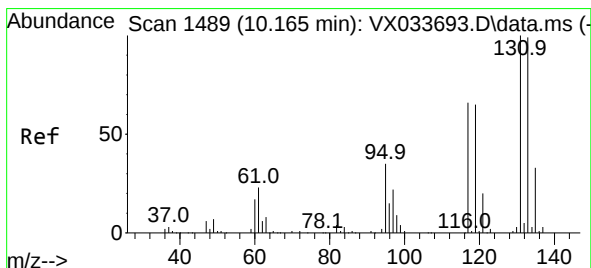
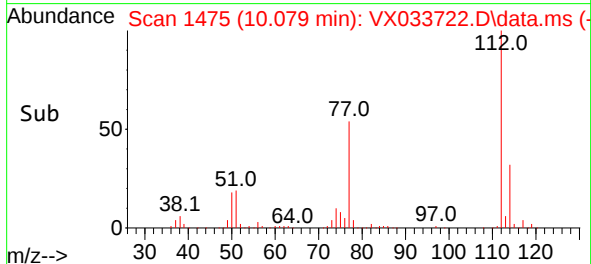
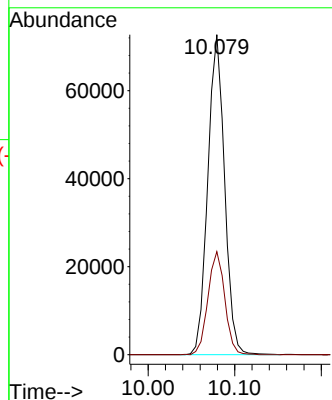
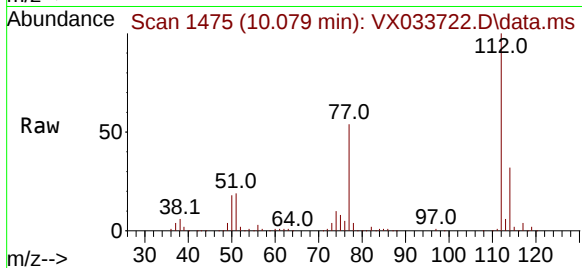
#65
Chlorobenzene
Concen: 20.309 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tgt Ion:112 Resp: 97938
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.4

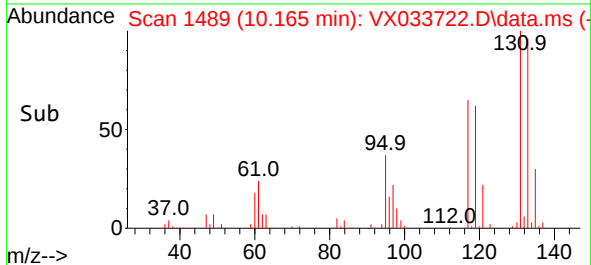
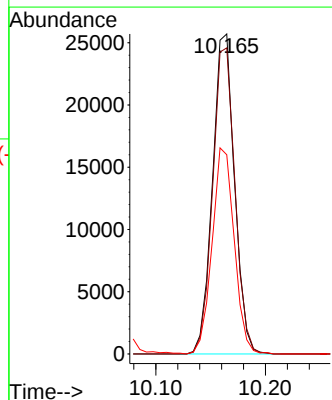
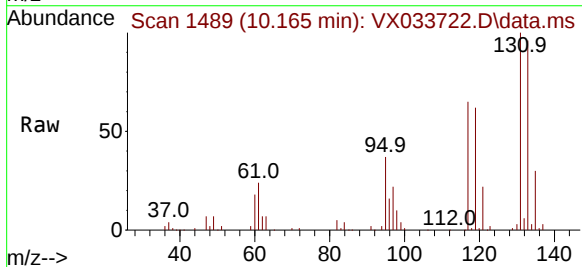
Manual Integrations
APPROVED

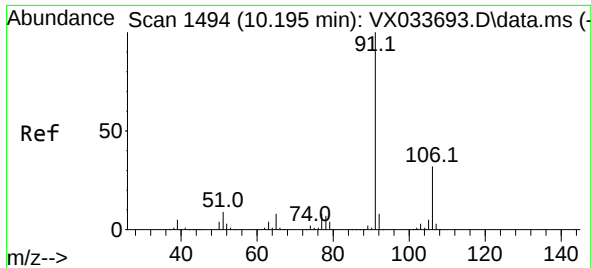
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.222 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

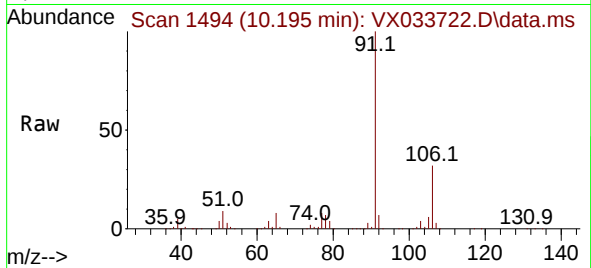
Tgt Ion:131 Resp: 35888
Ion Ratio Lower Upper
131 100
133 97.0 48.4 145.0
119 64.7 31.9 95.7





#67
Ethyl Benzene
Concen: 20.805 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

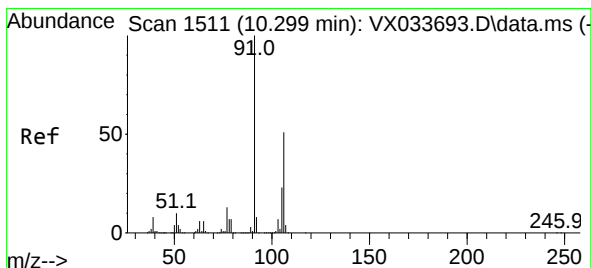
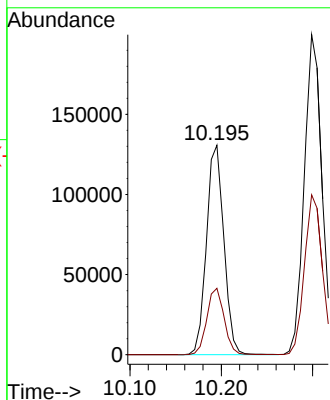
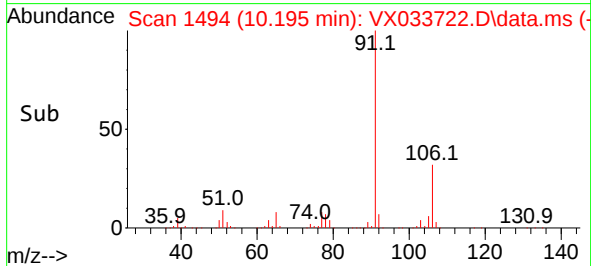
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01



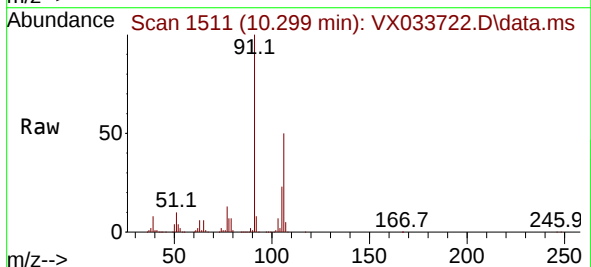
Tgt Ion: 91 Resp: 172259
Ion Ratio Lower Upper
91 100
106 31.7 25.8 38.8

Manual Integrations
APPROVED

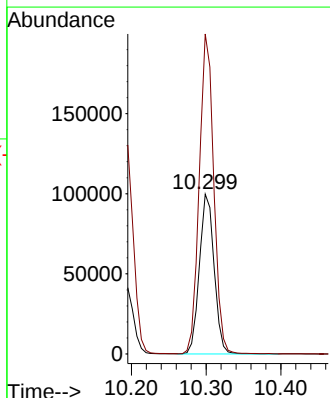
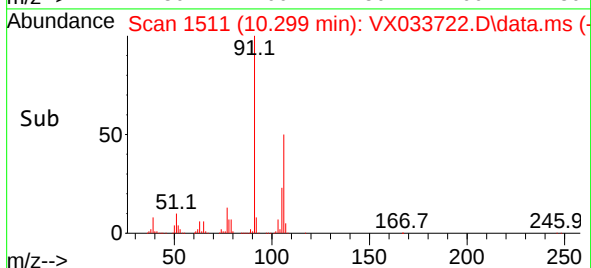
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

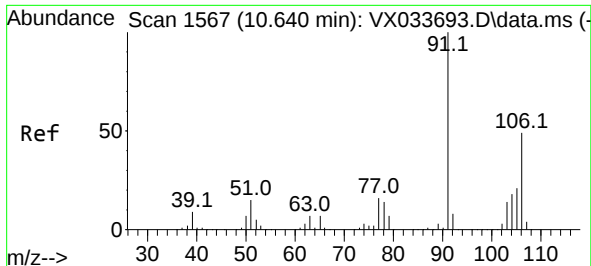


#68
m/p-Xylenes
Concen: 42.025 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05



Tgt Ion:106 Resp: 136098
Ion Ratio Lower Upper
106 100
91 197.5 156.4 234.6





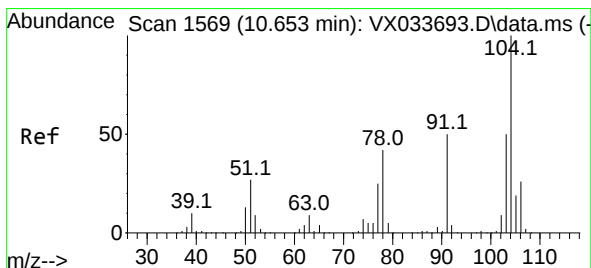
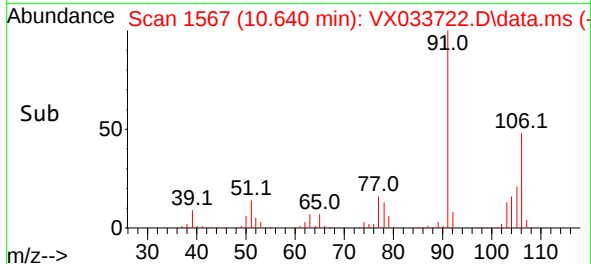
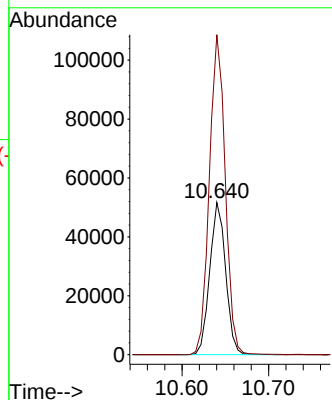
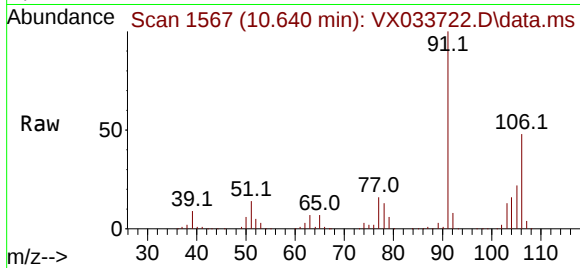
#69
o-Xylene
Concen: 20.524 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tgt Ion:106 Resp: 6591
Ion Ratio Lower Upper
106 100
91 209.8 103.1 309.3

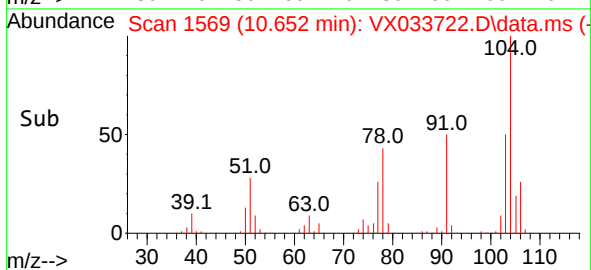
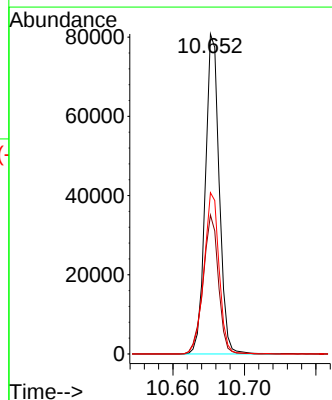
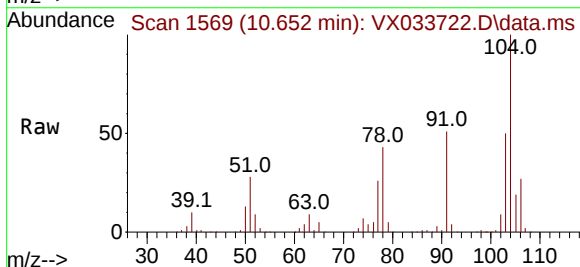
Manual Integrations
APPROVED

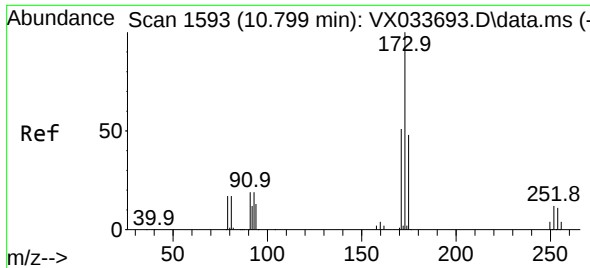
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#70
Styrene
Concen: 20.945 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

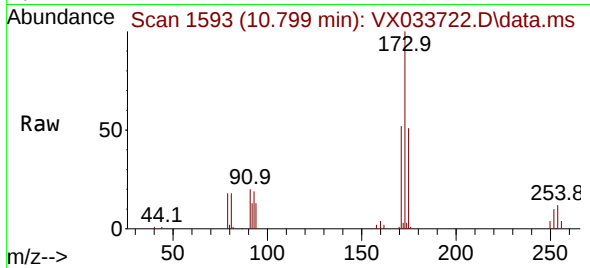
Tgt Ion:104 Resp: 109401
Ion Ratio Lower Upper
104 100
78 47.5 37.5 56.3
103 55.0 43.3 64.9





#71
Bromoform
Concen: 19.202 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

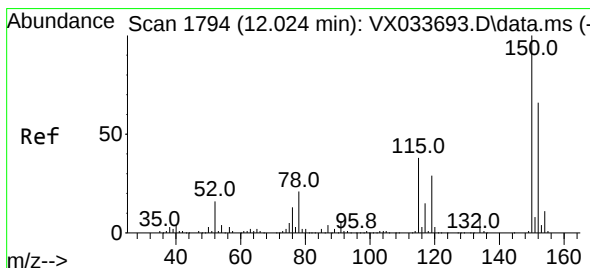
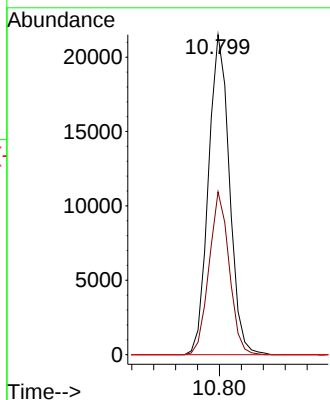
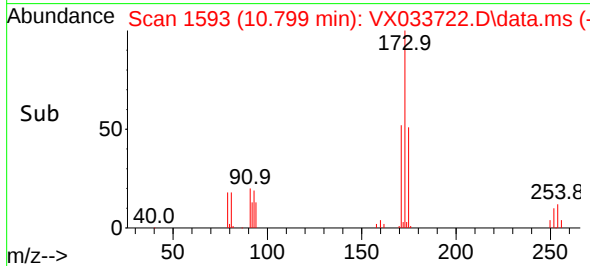
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01



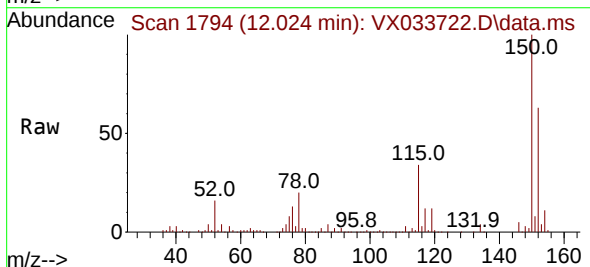
Tgt Ion:173 Resp: 28550
Ion Ratio Lower Upper
173 100
175 48.9 24.1 72.3
254 0.0 0.1 0.1

Manual Integrations
APPROVED

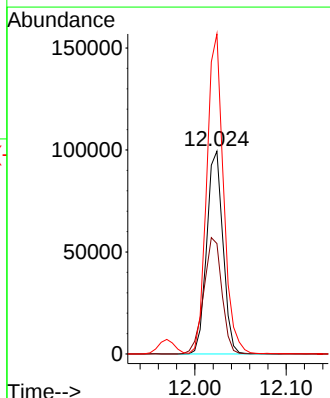
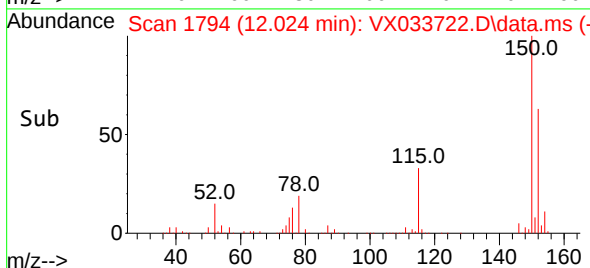
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

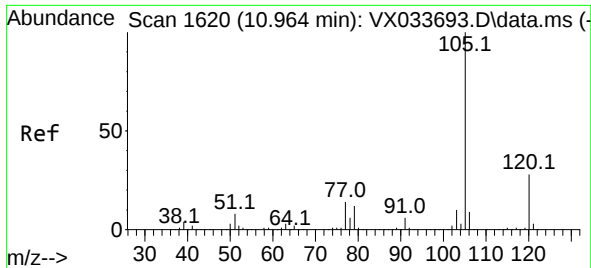


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05



Tgt Ion:152 Resp: 122284
Ion Ratio Lower Upper
152 100
115 63.9 38.7 116.1
150 163.0 0.0 348.2





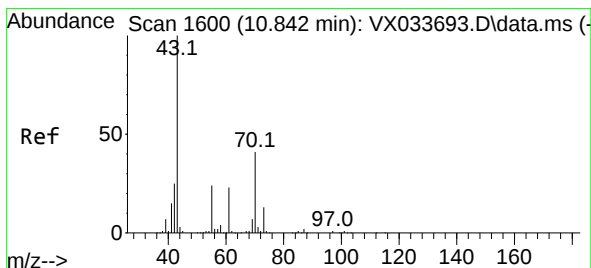
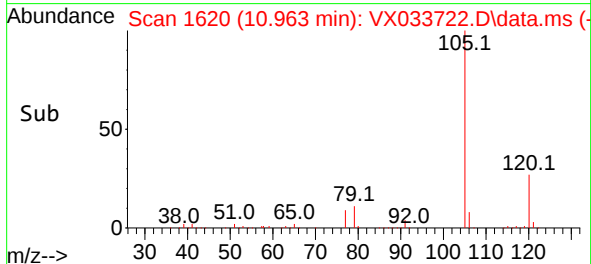
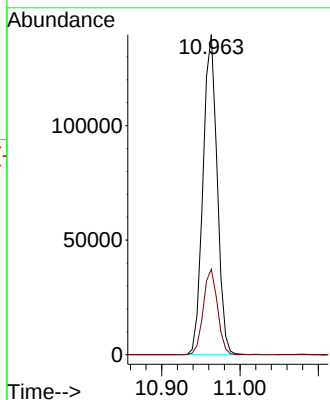
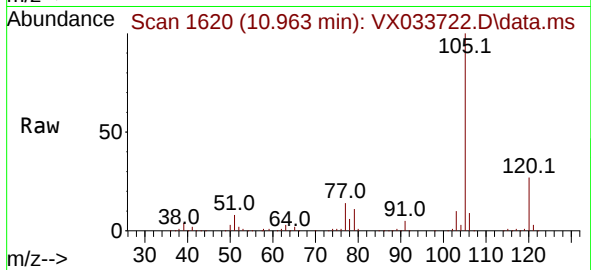
#73
Isopropylbenzene
Concen: 20.250 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tgt Ion:105 Resp: 174979
Ion Ratio Lower Upper
105 100
120 26.8 13.6 40.8

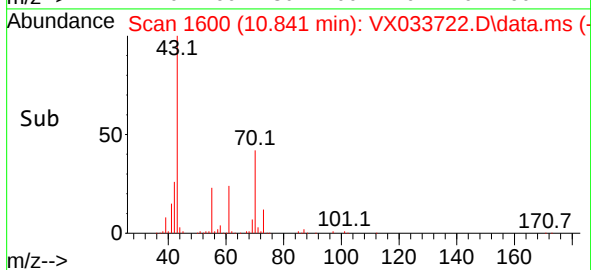
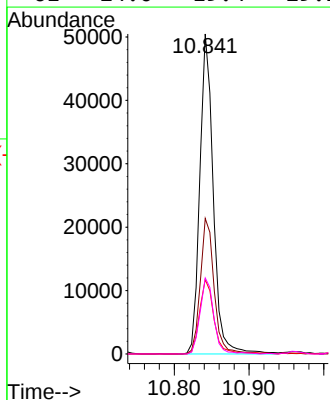
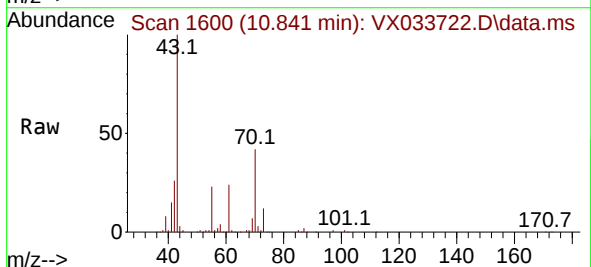
Manual Integrations
APPROVED

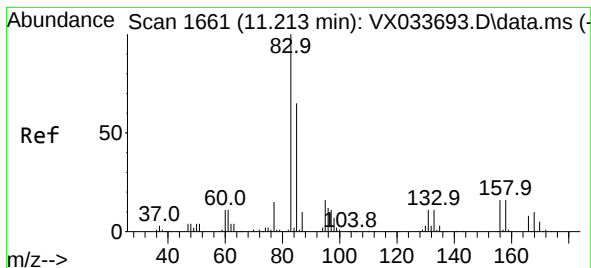
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#74
N-ethyl acetate
Concen: 19.734 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

Tgt Ion: 43 Resp: 63369
Ion Ratio Lower Upper
43 100
70 43.4 34.8 52.2
55 24.9 19.4 29.0
61 24.0 19.4 29.2





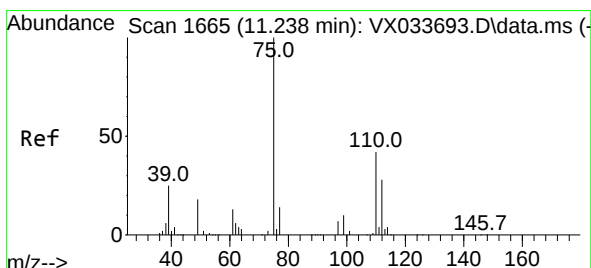
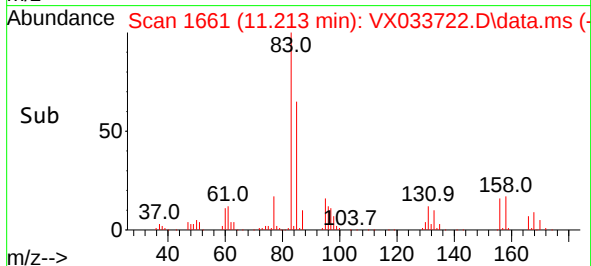
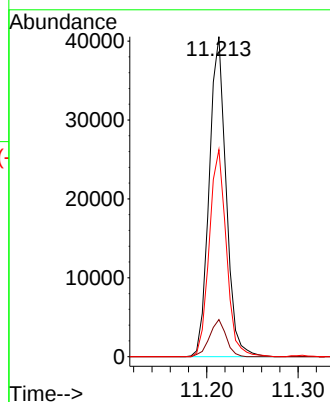
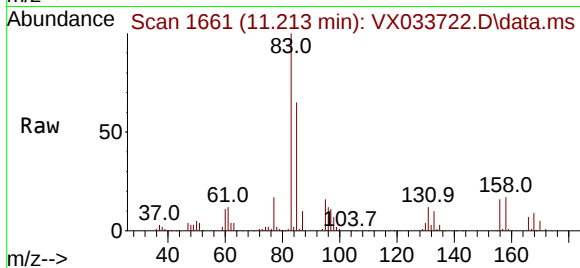
#75
1,1,2,2-Tetrachloroethane
Concen: 20.185 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tgt Ion: 83 Resp: 5221
Ion Ratio Lower Upper
83 100
131 11.3 5.5 16.7
85 65.3 32.3 96.9

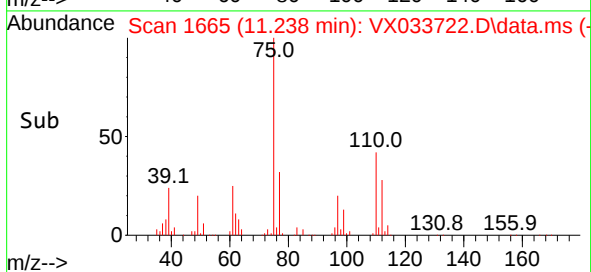
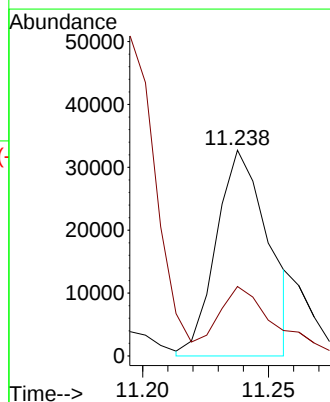
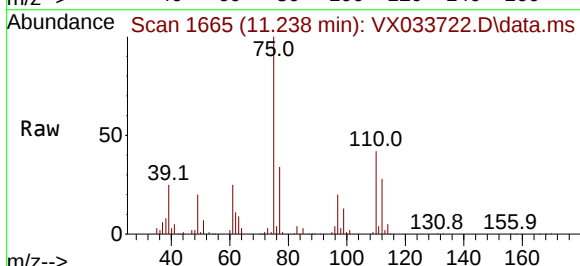
Manual Integrations
APPROVED

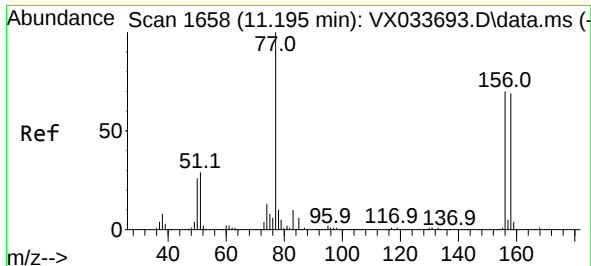
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#76
1,2,3-Trichloropropane
Concen: 20.929 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

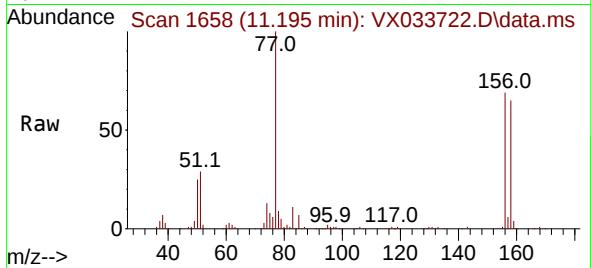
Tgt Ion: 75 Resp: 47024
Ion Ratio Lower Upper
75 100
77 37.2 21.8 65.4





#77
Bromobenzene
Concen: 20.143 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

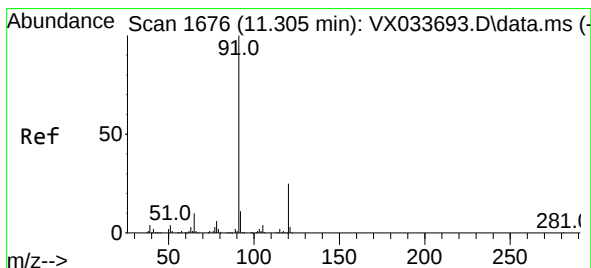
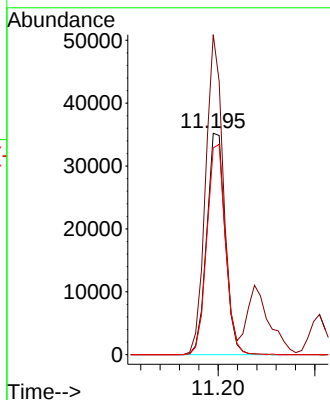
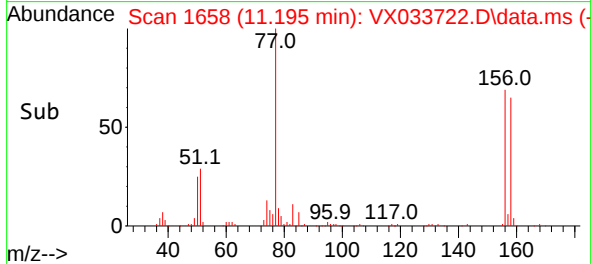
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01



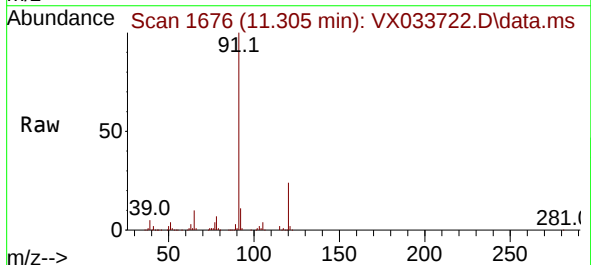
Tgt Ion:156 Resp: 46692
Ion Ratio Lower Upper
156 100
77 138.0 68.1 204.3
158 96.0 48.0 144.2

Manual Integrations
APPROVED

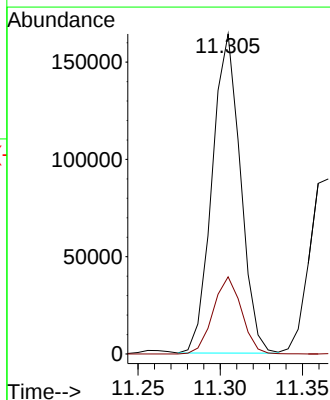
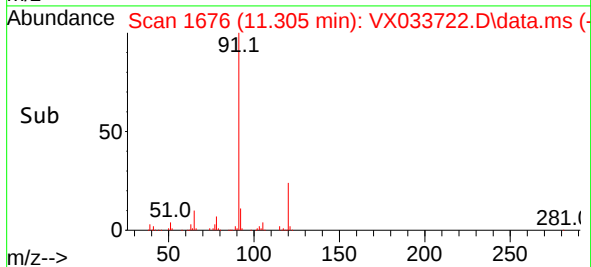
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

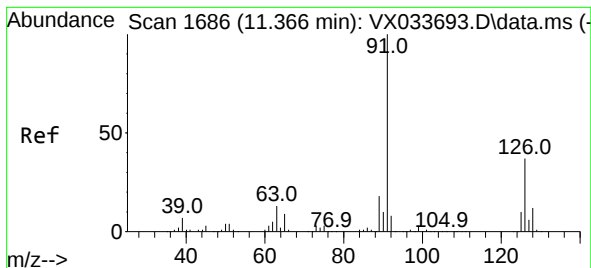


#78
n-propylbenzene
Concen: 19.708 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05



Tgt Ion: 91 Resp: 196656
Ion Ratio Lower Upper
91 100
120 24.2 12.3 36.8





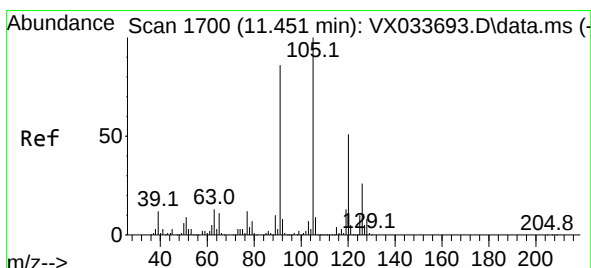
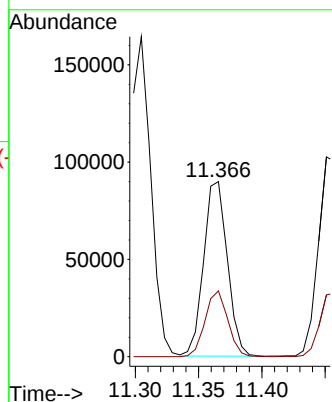
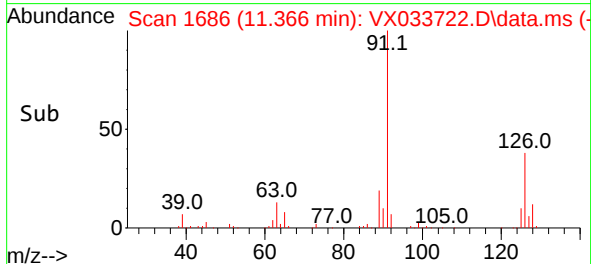
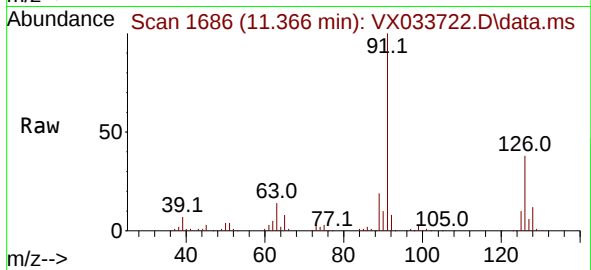
#79
2-Chlorotoluene
Concen: 19.930 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tgt Ion: 91 Resp: 117091
Ion Ratio Lower Upper
91 100
126 36.1 18.1 54.1

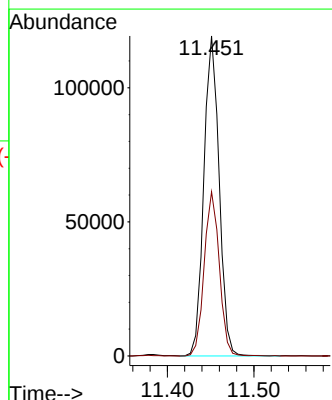
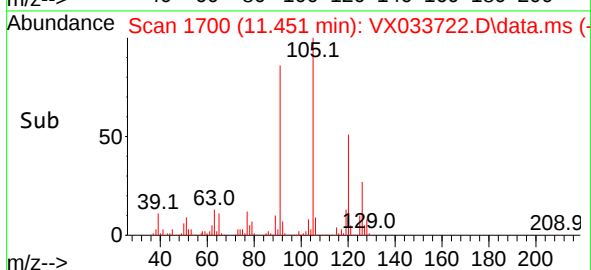
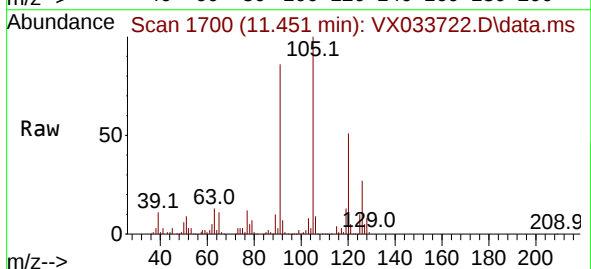
Manual Integrations
APPROVED

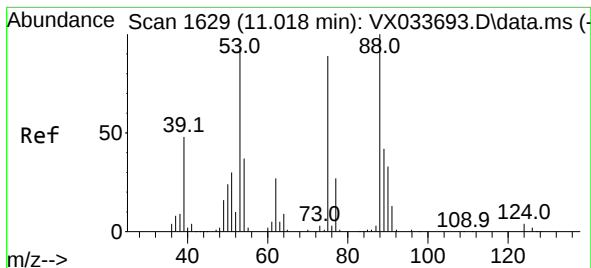
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.879 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

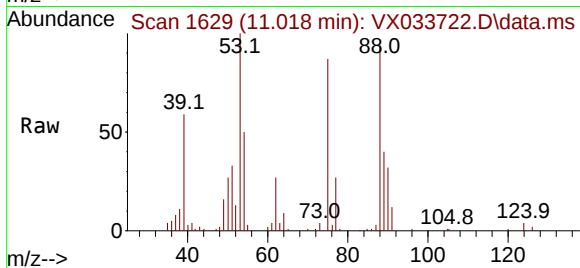
Tgt Ion:105 Resp: 146274
Ion Ratio Lower Upper
105 100
120 50.6 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 18.392 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

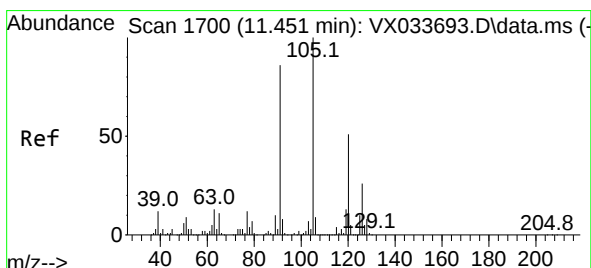
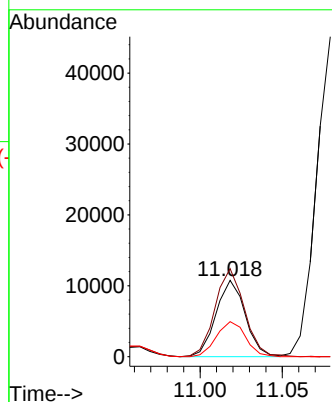
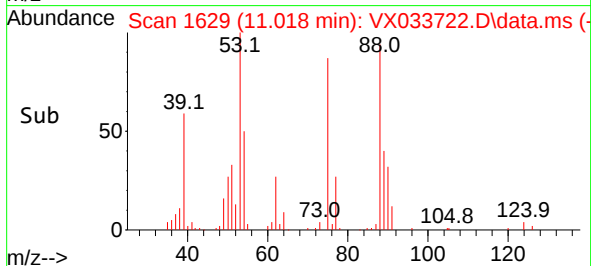
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01



Tgt Ion: 75 Resp: 13290
Ion Ratio Lower Upper
75 100
53 116.2 83.0 124.6
89 45.9 37.7 56.5

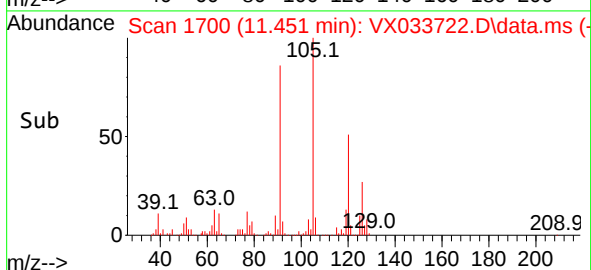
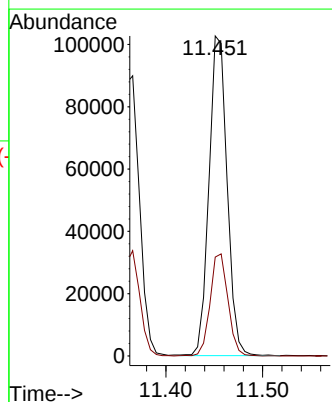
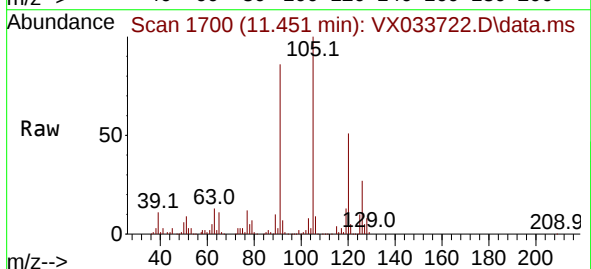
Manual Integrations
APPROVED

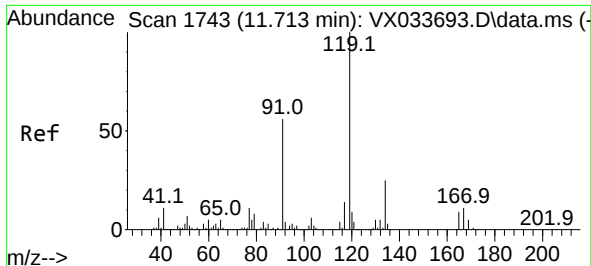
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#82
4-Chlorotoluene
Concen: 19.878 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

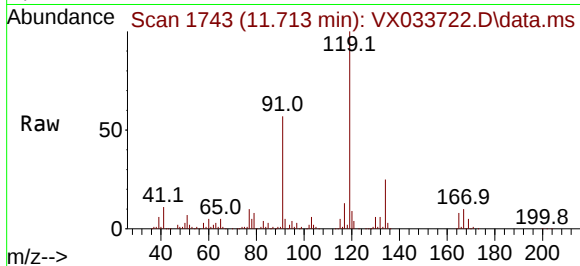
Tgt Ion: 91 Resp: 133699
Ion Ratio Lower Upper
91 100
126 31.5 15.8 47.4





#83
tert-Butylbenzene
Concen: 20.361 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

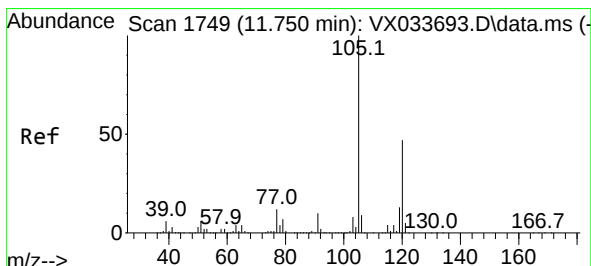
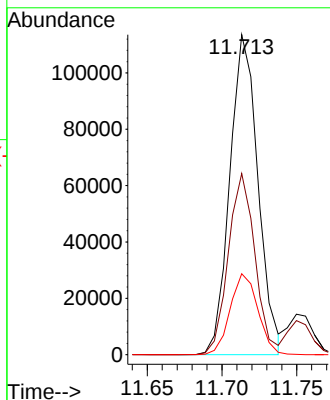
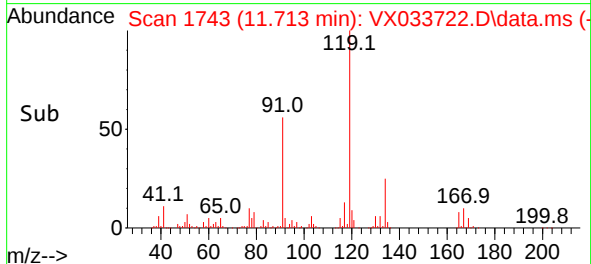
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01



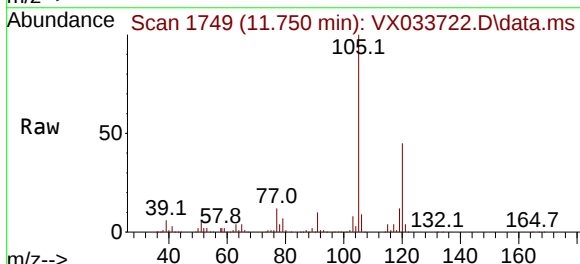
Tgt Ion:119 Resp: 14875
Ion Ratio Lower Upper
119 100
91 53.7 26.9 80.7
134 24.9 12.3 36.8

Manual Integrations
APPROVED

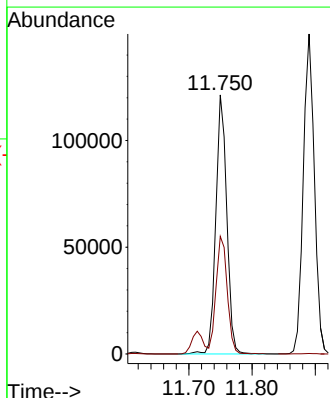
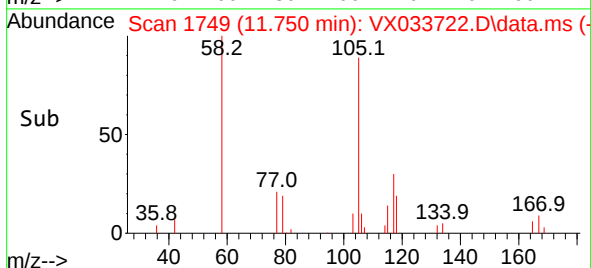
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

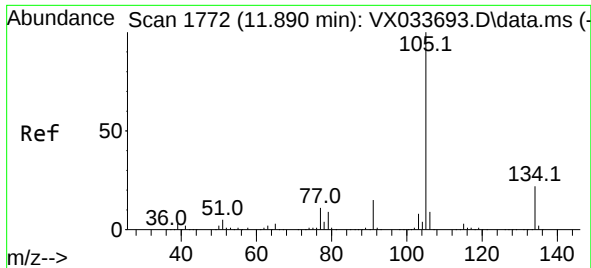


#84
1,2,4-Trimethylbenzene
Concen: 20.837 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05



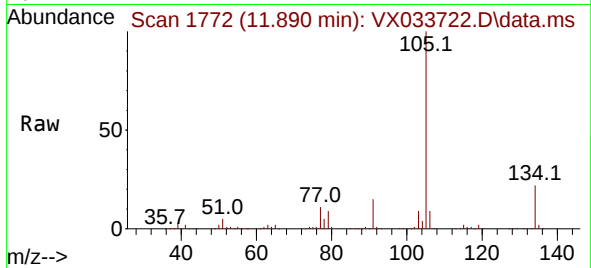
Tgt Ion:105 Resp: 145033
Ion Ratio Lower Upper
105 100
120 46.6 23.4 70.2





#85
 sec-Butylbenzene
 Concen: 20.728 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX033722.D
 Acq: 13 Jan 2023 15:05

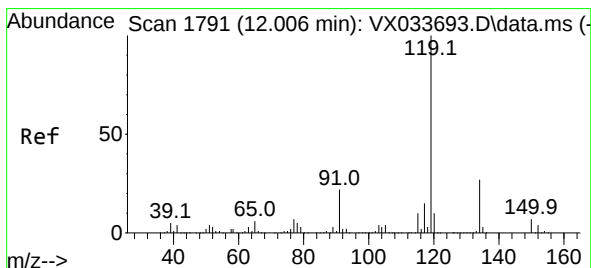
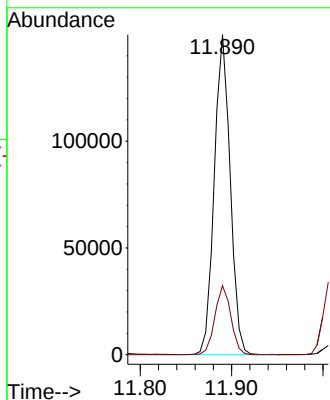
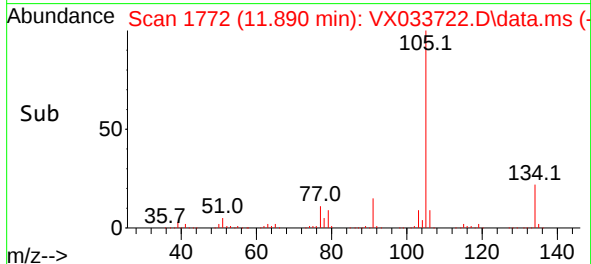
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBS01



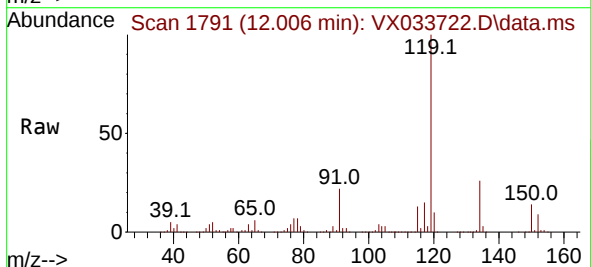
Tgt Ion:105 Resp: 181134
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.8 32.3

Manual Integrations
 APPROVED

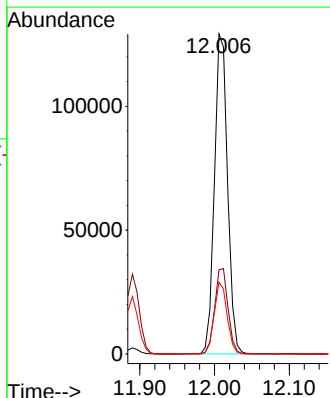
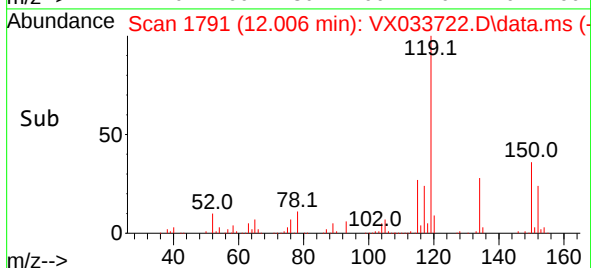
Reviewed By :John Carlone 01/16/2023
 Supervised By :Mahesh Dadoda 01/16/2023

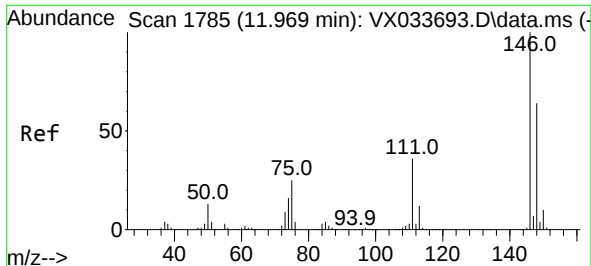


#86
 p-Isopropyltoluene
 Concen: 21.089 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX033722.D
 Acq: 13 Jan 2023 15:05



Tgt Ion:119 Resp: 157777
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.8
 91 22.2 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 20.176 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX033722.D

Acq: 13 Jan 2023 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

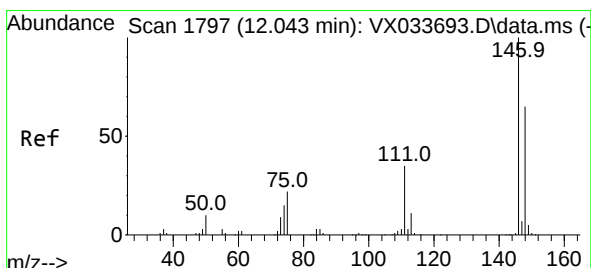
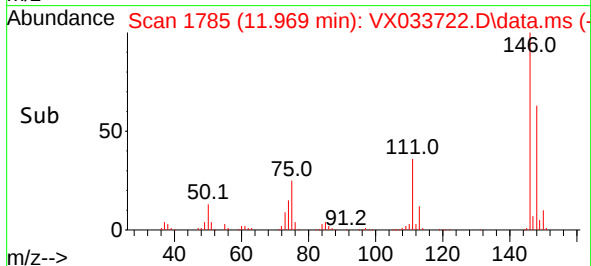
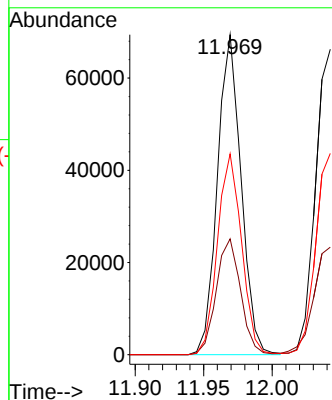
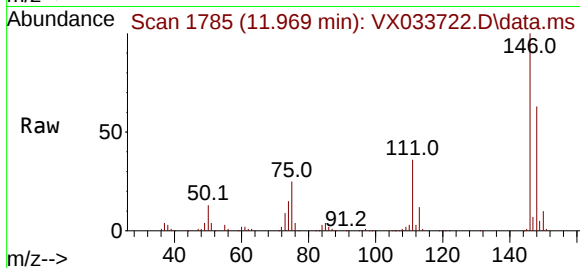
Tgt Ion:146	Resp:	8336
Ion Ratio	Lower	Upper
146	100	
111	37.3	18.6 55.6
148	64.0	31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#88

1,4-Dichlorobenzene

Concen: 19.905 ug/l

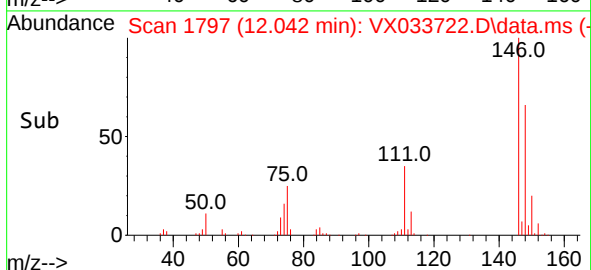
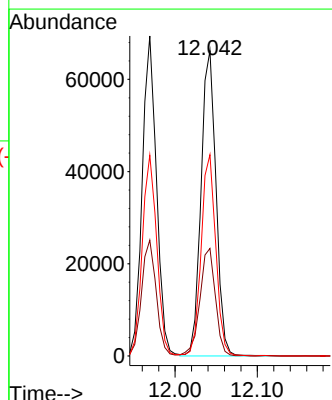
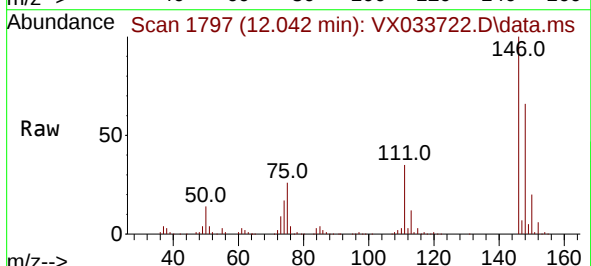
RT: 12.042 min Scan# 1797

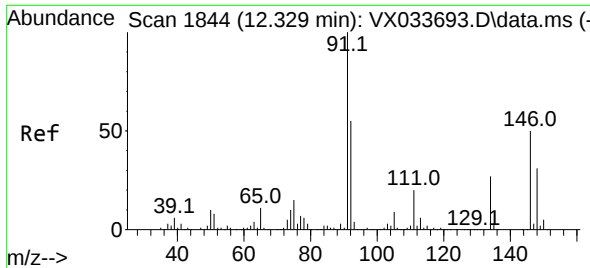
Delta R.T. -0.000 min

Lab File: VX033722.D

Acq: 13 Jan 2023 15:05

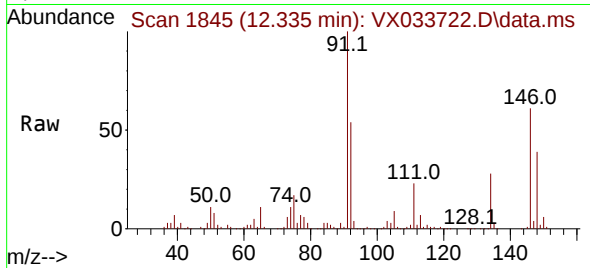
Tgt Ion:146	Resp:	83780
Ion Ratio	Lower	Upper
146	100	
111	36.7	17.8 53.4
148	64.5	32.1 96.3





#89
n-Butylbenzene
Concen: 19.588 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

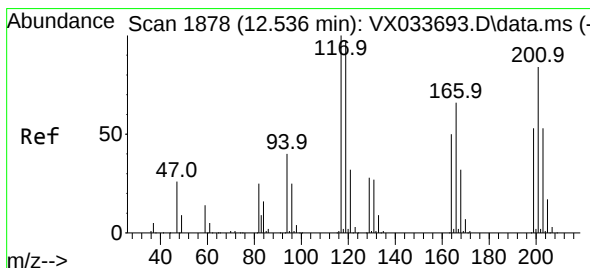
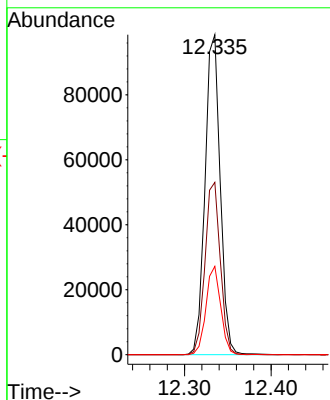
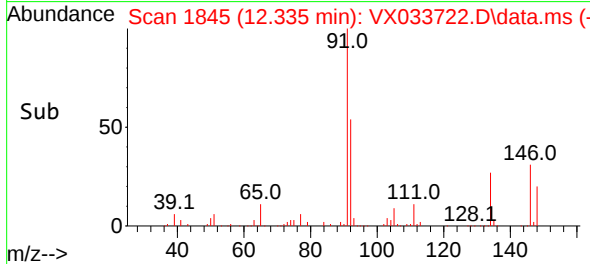
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01



Tgt Ion: 91 Resp: 119894
Ion Ratio Lower Upper
91 100
92 54.4 27.5 82.5
134 26.8 14.3 42.9

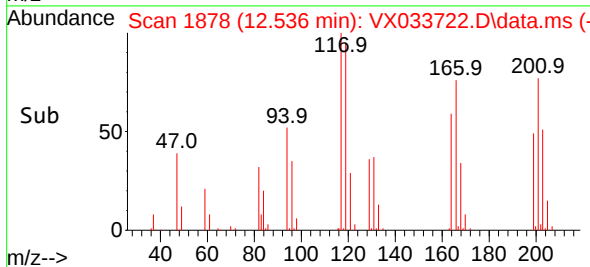
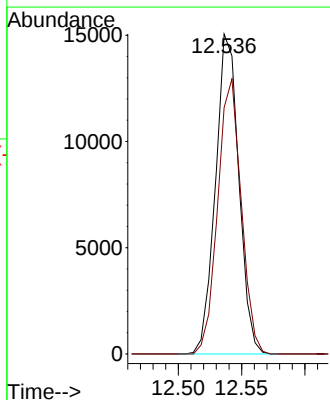
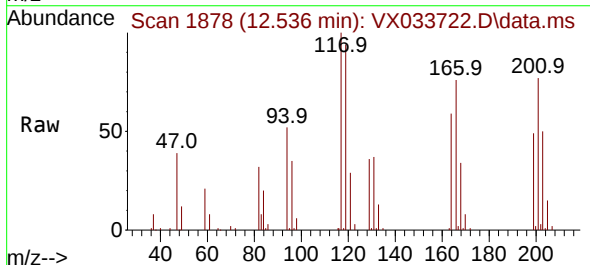
Manual Integrations
APPROVED

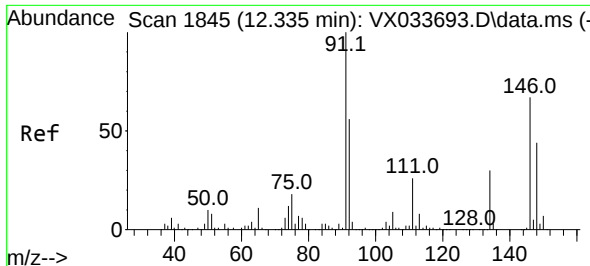
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#90
Hexachloroethane
Concen: 15.669 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

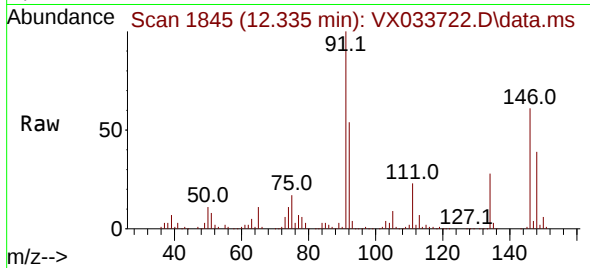
Tgt Ion:117 Resp: 19283
Ion Ratio Lower Upper
117 100
201 86.5 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 18.302 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

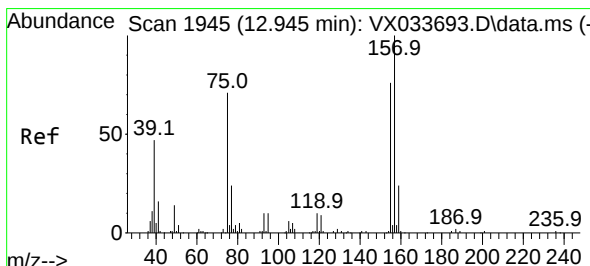
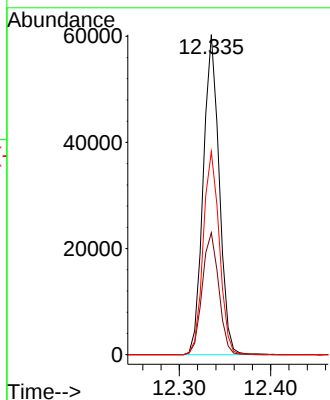
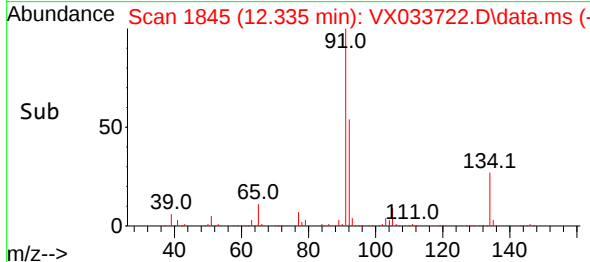
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01



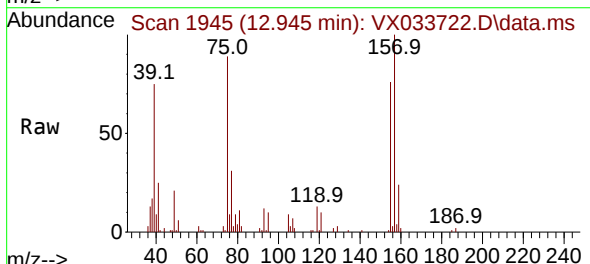
Tgt Ion:146 Resp: 7297
Ion Ratio Lower Upper
146 100
111 39.3 19.3 57.8
148 64.0 32.3 96.9

Manual Integrations
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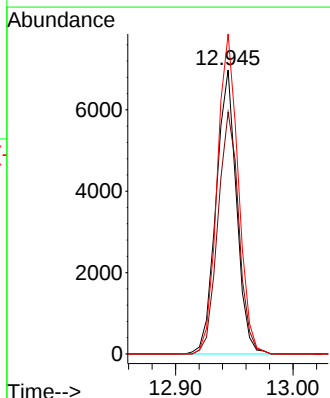
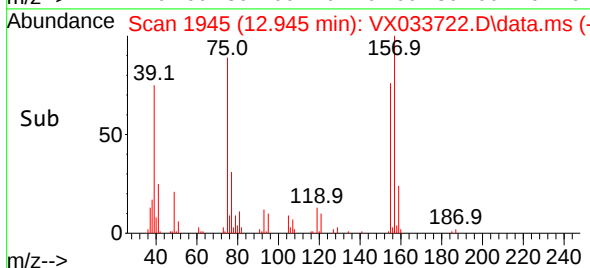
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

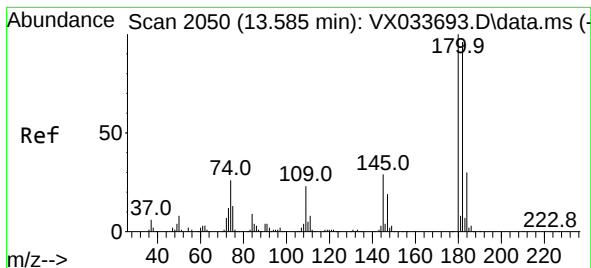


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.870 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05



Tgt Ion: 75 Resp: 8418
Ion Ratio Lower Upper
75 100
155 87.1 51.7 155.1
157 115.9 67.5 202.3





#93

1,2,4-Trichlorobenzene

Concen: 15.331 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX033722.D

Acq: 13 Jan 2023 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

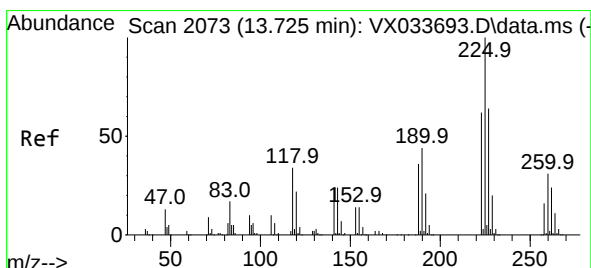
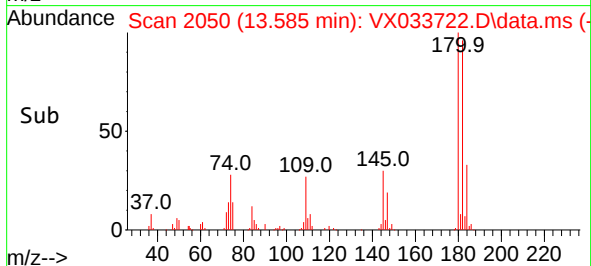
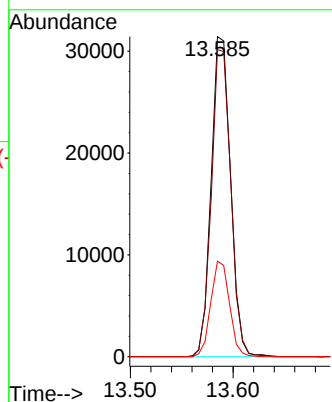
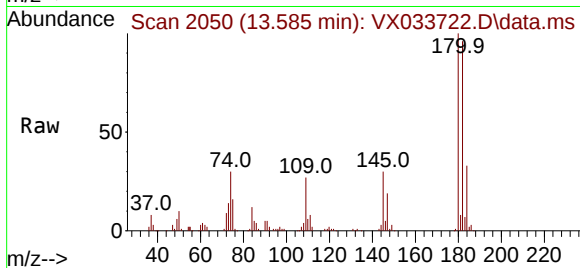
Tgt Ion:180	Resp:	41174
Ion Ratio	Lower	Upper
180	100	
182	96.3	47.9 143.6
145	28.7	14.1 42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#94

Hexachlorobutadiene

Concen: 15.331 ug/l

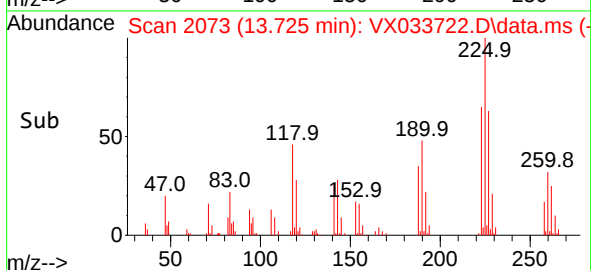
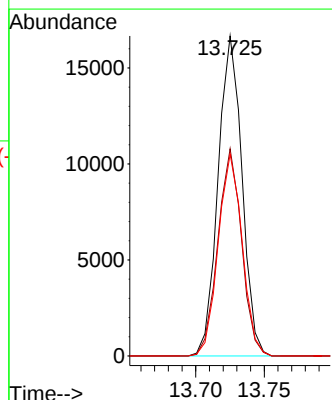
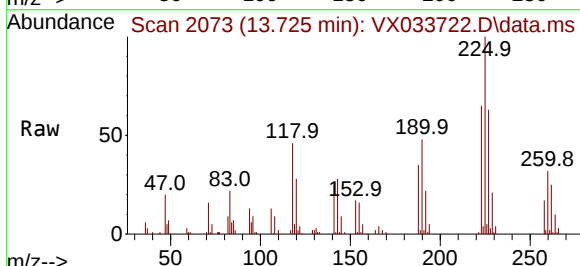
RT: 13.725 min Scan# 2073

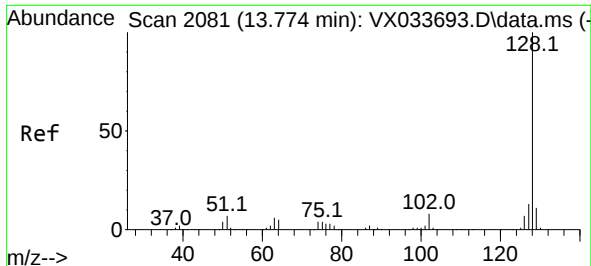
Delta R.T. -0.000 min

Lab File: VX033722.D

Acq: 13 Jan 2023 15:05

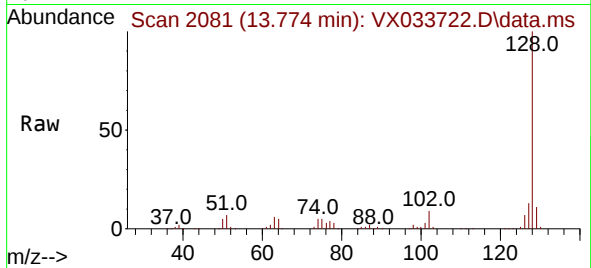
Tgt Ion:225	Resp:	20169
Ion Ratio	Lower	Upper
225	100	
223	64.1	31.3 93.9
227	63.3	32.3 96.9





#95
Naphthalene
Concen: 16.207 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05

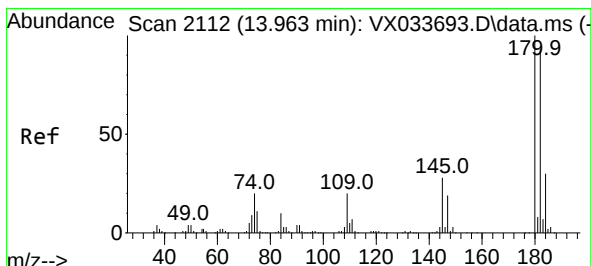
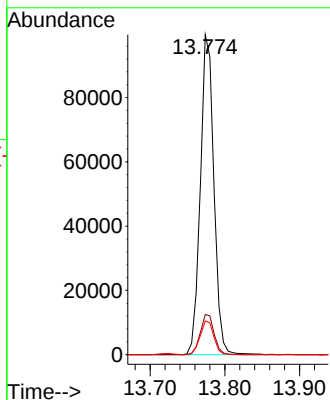
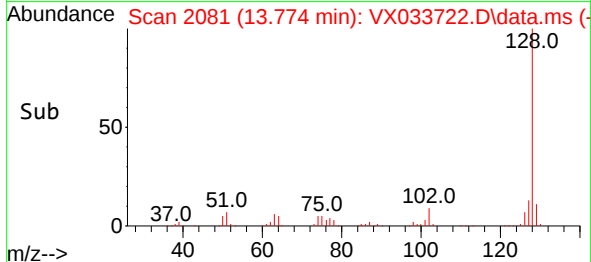
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01



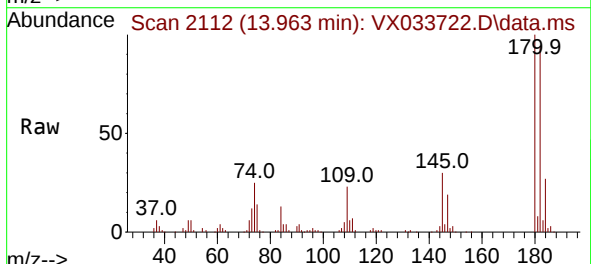
Tgt Ion:128 Resp: 125225
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#96
1,2,3-Trichlorobenzene
Concen: 16.791 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033722.D
Acq: 13 Jan 2023 15:05



Tgt Ion:180 Resp: 45123
Ion Ratio Lower Upper
180 100
182 94.4 47.6 142.9
145 30.2 15.1 45.3

