

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010723\
 Data File : VX033650.D
 Acq On : 07 Jan 2023 00:13
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 07 05:52:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jan 07 05:49:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	17632	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	113970	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	127180	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	39877	25.883	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	86.267%#		
60) 4-Bromofluorobenzene	11.079	95	67890	28.993	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	96.633%		
63) Toluene-d8	8.647	98	120446	28.703	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	95.667%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	176309	125.438	ug/l	98
3) Chloromethane	1.295	50	196600	134.698	ug/l	99
4) Vinyl Chloride	1.374	62	190495	119.499	ug/l	99
5) Bromomethane	1.618	94	94872	85.029	ug/l	99
6) Chloroethane	1.691	64	103425	92.718	ug/l	99
7) Trichlorofluoromethane	1.886	101	256610	82.816	ug/l	98
8) Diethyl Ether	2.136	74	83868	89.312	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	125741	82.201	ug/l	99
10) 1,1-Dichloroethene	2.319	96	120626	83.533	ug/l	96
11) Methyl Iodide	2.453	142	197674	110.793	ug/l	97
12) Methyl Acetate	2.709	43	283197	124.683	ug/l	96
13) Acrolein	2.246	56	136040	426.852	ug/l	100
14) Acrylonitrile	3.069	53	460256	563.901	ug/l	99
15) Acetone	2.404	58	87507	358.911	ug/l	96
16) Carbon Disulfide	2.514	76	337650	85.484	ug/l	99
17) Allyl chloride	2.666	41	273330	106.293	ug/l	96
18) Methylene Chloride	2.788	84	186046	104.294	ug/l	94
19) trans-1,2-Dichloroethene	3.093	96	179292	100.228	ug/l	91
20) Diisopropyl ether	3.758	45	585104	106.609	ug/l	91
21) 1,1-Dichloroethane	3.611	63	324219	102.300	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	209217	100.391	ug/l	97
23) tert-Butyl Alcohol	3.032	59	51020	149.242	ug/l #	1
24) Methyl tert-Butyl Ether	3.111	73	568164	101.500	ug/l	96
25) Chloroform	5.093	83	323584	91.829	ug/l	97
26) Cyclohexane	5.471	56	300587	106.888	ug/l #	99
29) 1,1-Dichloropropene	5.696	75	247367	106.384	ug/l	98
30) 2-Butanone	4.568	43	635455	576.446	ug/l #	97
31) 2,2-Dichloropropane	4.477	77	222377	94.925	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	293315	100.294	ug/l	97
33) Carbon Tetrachloride	5.678	117	265185	99.503	ug/l	98
34) Benzene	6.038	78	724318	108.751	ug/l	99
35) Methacrylonitrile	4.922	41	146852	124.871	ug/l	96
36) 1,2-Dichloroethane	6.086	62	254755	100.756	ug/l	98
37) Trichloroethene	7.129	130	209535	110.712	ug/l	96
38) Methylcyclohexane	7.379	83	315186	113.708	ug/l	99
39) 1,2-Dichloropropane	7.428	63	186527	111.238	ug/l	97
40) Dibromomethane	7.580	93	129959	103.078	ug/l	98
41) Bromodichloromethane	7.824	83	255760	100.710	ug/l	99
42) Vinyl Acetate	3.721	43	2325581	597.581	ug/l	98

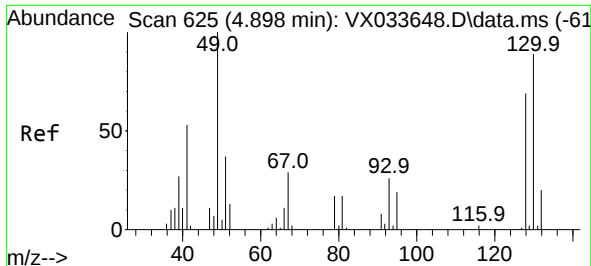
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010723\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	259136	123.879	ug/l	97
44) Isopropyl Acetate	6.342	43	425146	124.400	ug/l	98
45) 1,4-Dioxane	7.745	88	89165	2260.715	ug/l #	1
46) Methyl methacrylate	7.690	41	213784	124.211	ug/l	98
47) n-amyl Acetate	10.842	43	364807	126.284	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	276882	108.779	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	300831	109.128	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	188462	107.734	ug/l	98
51) Ethyl methacrylate	9.116	69	290260	114.563	ug/l	98
52) 1,3-Dichloropropane	9.311	76	313605	108.872	ug/l	100
53) Dibromochloromethane	9.519	129	215968	105.445	ug/l	97
54) 1,2-Dibromoethane	9.610	107	202913	106.523	ug/l	98
55) 2-Chloroethyl vinyl ether	8.245	63	729208	603.362	ug/l	99
56) Bromoform	10.799	173	168631	112.403	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	1238514	577.225	ug/l	97
59) 2-Hexanone	9.433	43	911461	566.503	ug/l	98
61) Tetrachloroethene	9.275	164	186280	109.092	ug/l	98
62) Toluene	8.720	91	800778	103.735	ug/l	97
64) Chlorobenzene	10.080	112	521895	106.561	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	199705	104.479	ug/l	98
66) Ethyl Benzene	10.195	91	907135	104.527	ug/l	98
67) m/p-Xylenes	10.299	106	715166	209.674	ug/l	98
68) o-Xylene	10.640	106	351220	105.710	ug/l	98
69) Styrene	10.653	104	584657	106.083	ug/l	99
70) Isopropylbenzene	10.964	105	906320	103.373	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.214	83	267284	102.475	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	294832	127.384	ug/l	92
73) Bromobenzene	11.195	156	240353	109.257	ug/l	98
74) n-propylbenzene	11.305	91	1030887	102.771	ug/l	100
75) 2-Chlorotoluene	11.366	91	604557	100.387	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	742461	100.978	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	82533	110.604	ug/l	85
78) 4-Chlorotoluene	11.457	91	685983	100.021	ug/l	99
79) tert-butylbenzene	11.713	119	767324	104.638	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	741200	102.594	ug/l	98
81) sec-Butylbenzene	11.890	105	941432	106.737	ug/l	100
82) p-Isopropyltoluene	12.012	119	815227	108.089	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	440349	109.477	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	437767	108.039	ug/l	99
85) n-Butylbenzene	12.329	91	678133	108.079	ug/l	98
86) Hexachloroethane	12.536	117	140235	107.424	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	423431	107.422	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.945	75	58012	104.013	ug/l	91
89) 1,2,4-Trichlorobenzene	13.585	180	304967	121.322	ug/l	99
90) Hexachlorobutadiene	13.725	225	142472	131.089	ug/l	99
91) Naphthalene	13.774	128	882635	110.706	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	301355	120.126	ug/l	100

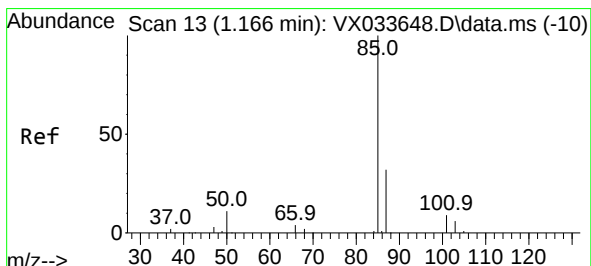
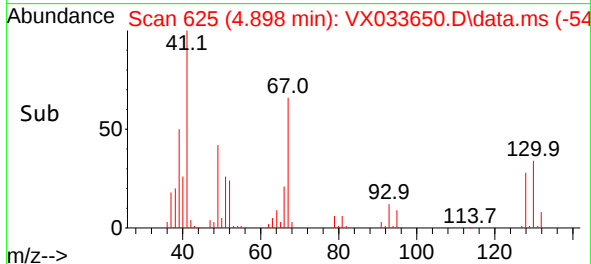
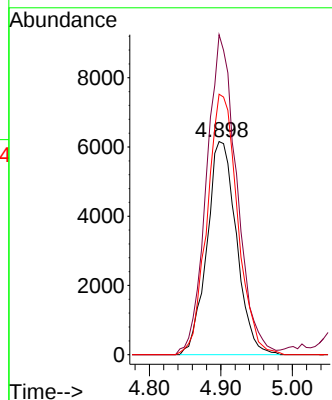
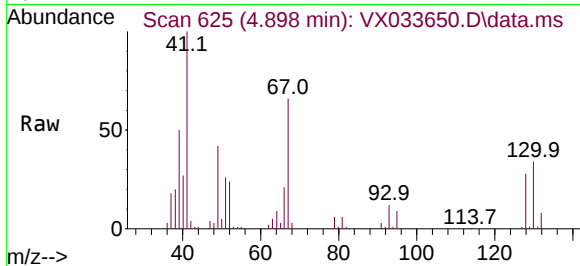
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

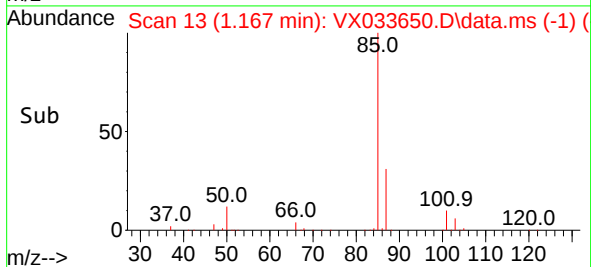
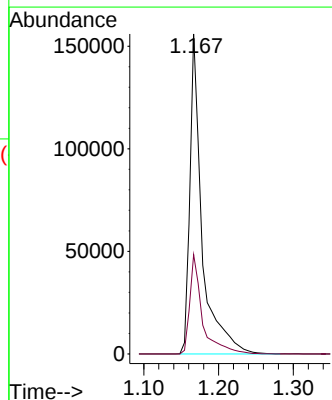
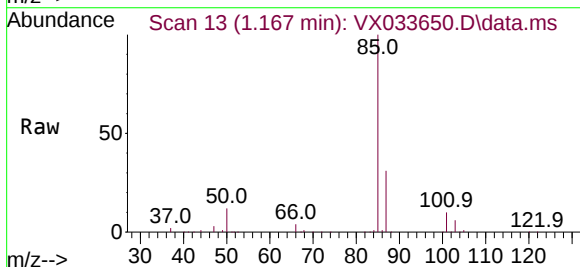
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

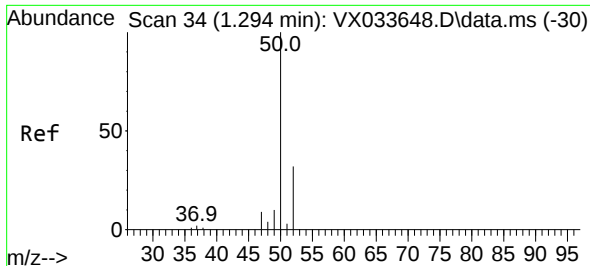
Tgt Ion:128 Resp: 17632
Ion Ratio Lower Upper
128 100
49 153.9 0.0 398.5
130 126.5 0.0 329.0



#2
Dichlorodifluoromethane
Concen: 125.438 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

Tgt Ion: 85 Resp: 176309
Ion Ratio Lower Upper
85 100
87 31.0 16.0 48.0

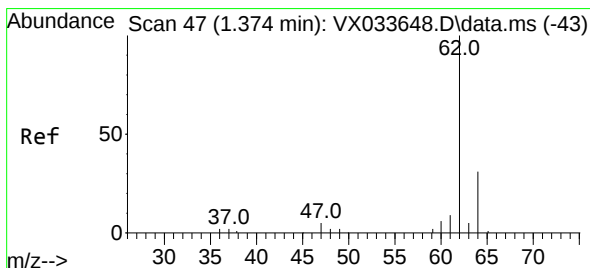
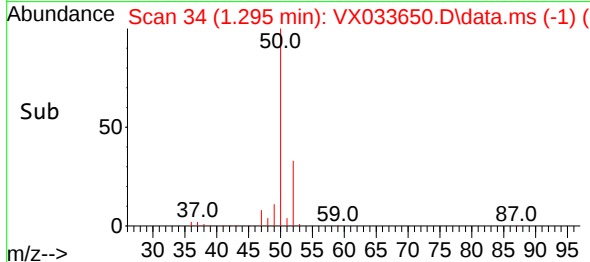
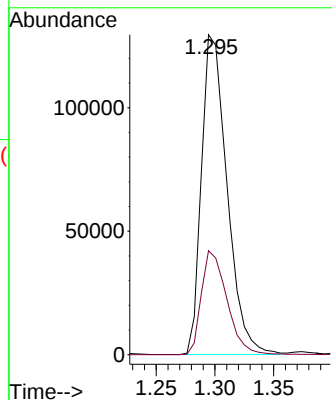
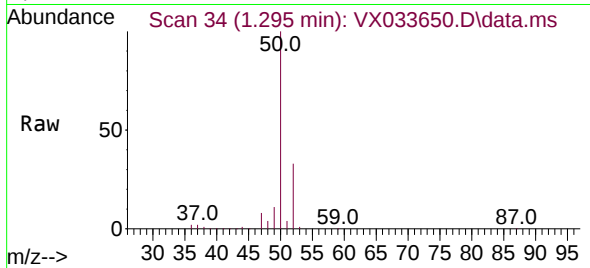




#3
Chloromethane
Concen: 134.698 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

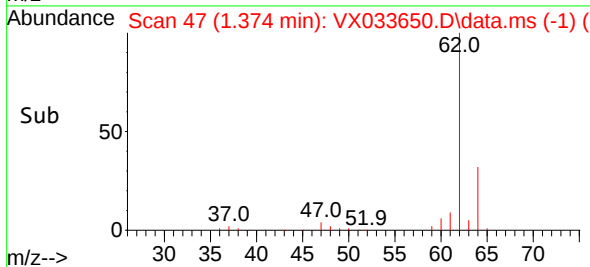
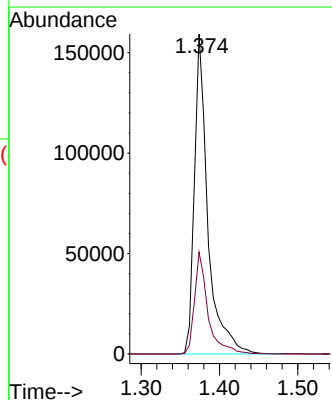
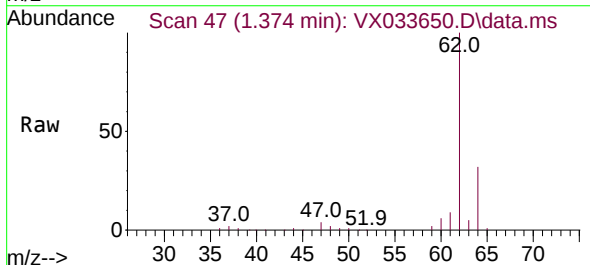
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

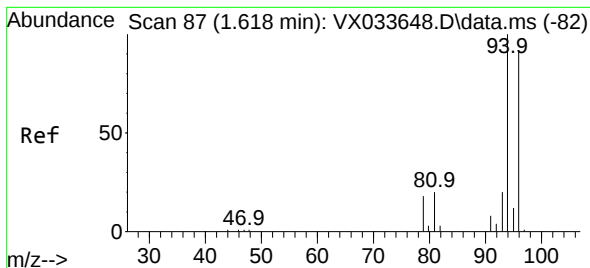
Tgt Ion: 50 Resp: 196600
Ion Ratio Lower Upper
50 100
52 32.5 25.5 38.3



#4
Vinyl Chloride
Concen: 119.499 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

Tgt Ion: 62 Resp: 190495
Ion Ratio Lower Upper
62 100
64 31.8 24.9 37.3





#5

Bromomethane

Concen: 85.029 ug/l

RT: 1.618 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX033650.D

Acq: 07 Jan 2023 00:13

Instrument :

MSVOA_X

ClientSampleId :

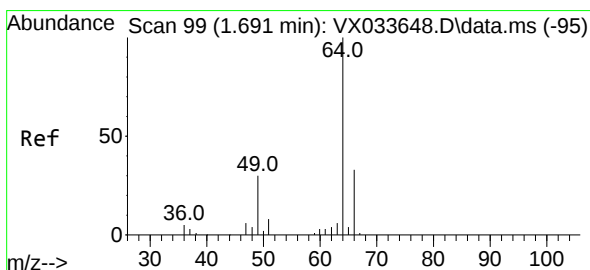
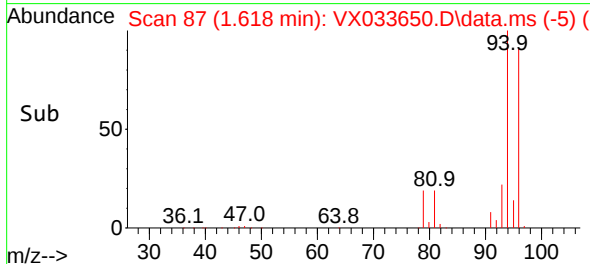
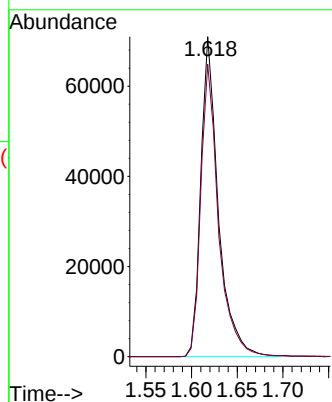
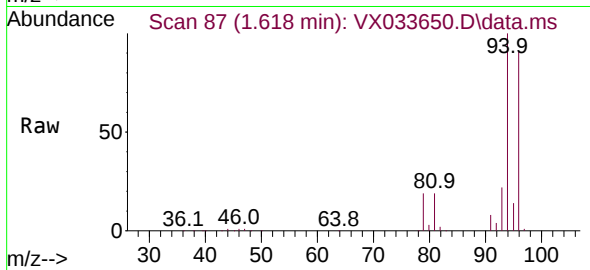
VSTDIC100

Tgt Ion: 94 Resp: 94872

Ion Ratio Lower Upper

94 100

96 91.3 73.6 110.4



#6

Chloroethane

Concen: 92.718 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX033650.D

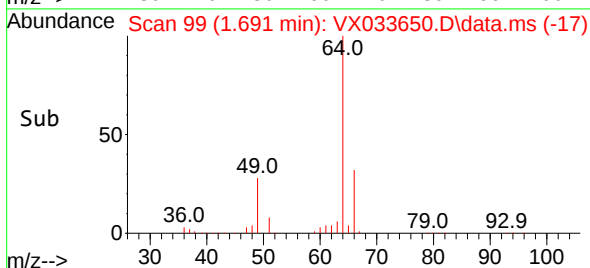
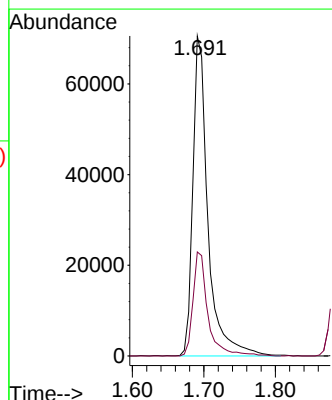
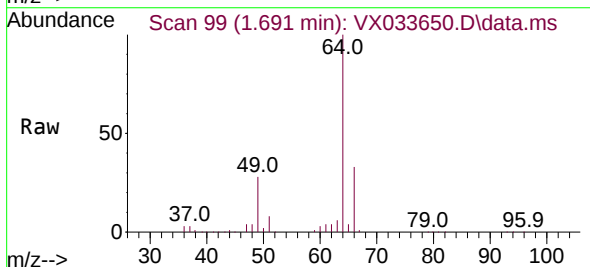
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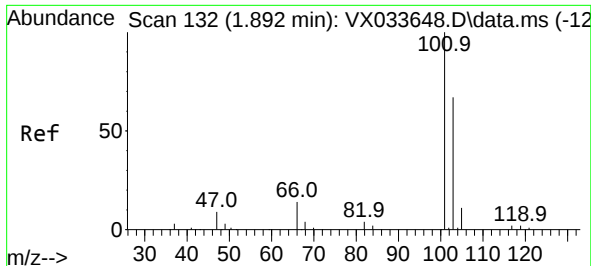
Tgt Ion: 64 Resp: 103425

Ion Ratio Lower Upper

64 100

66 32.6 26.6 40.0

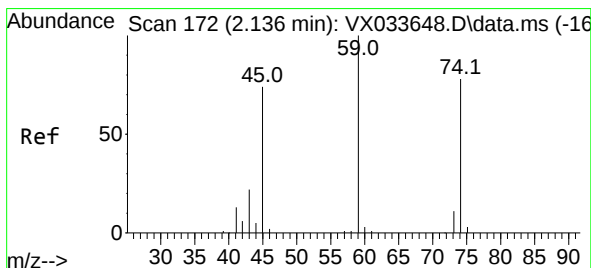
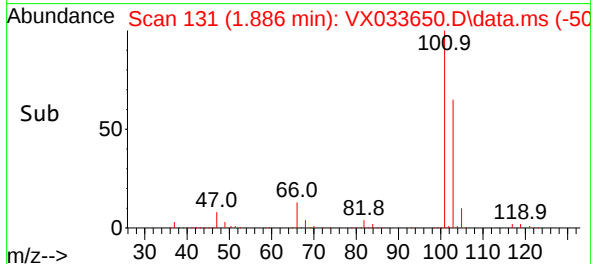
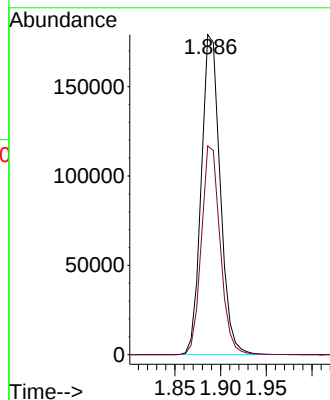
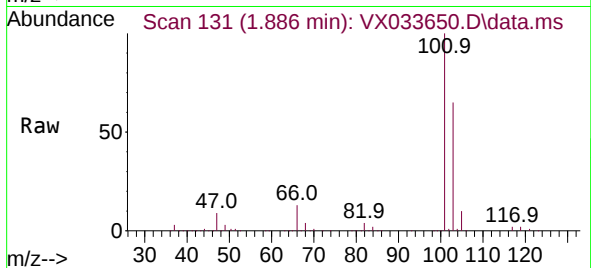




#7
 Trichlorofluoromethane
 Concen: 82.816 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX033650.D
 Acq: 07 Jan 2023 00:13

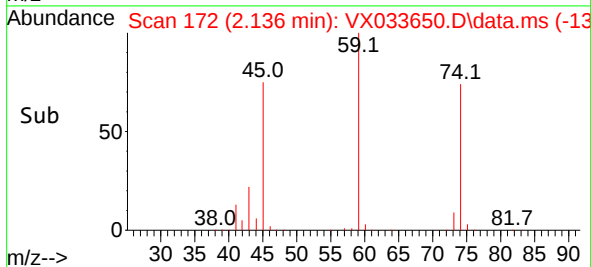
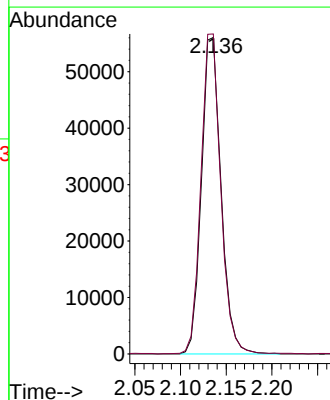
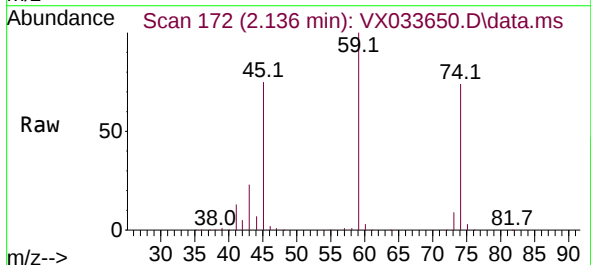
Instrument :
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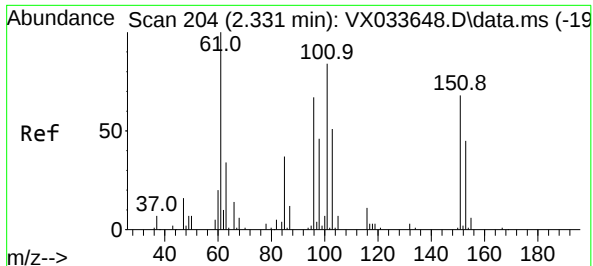
Tgt Ion:101 Resp: 256610
 Ion Ratio Lower Upper
 101 100
 103 65.3 53.7 80.5



#8
 Diethyl Ether
 Concen: 89.312 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX033650.D
 Acq: 07 Jan 2023 00:13

Tgt Ion: 74 Resp: 83868
 Ion Ratio Lower Upper
 74 100
 45 101.2 20.3 182.9

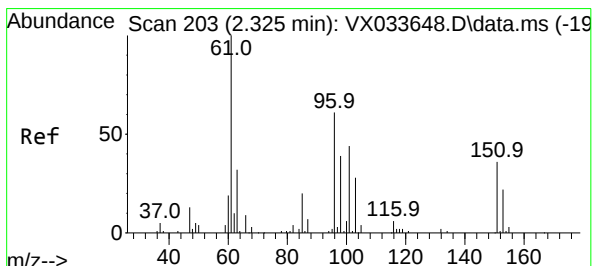
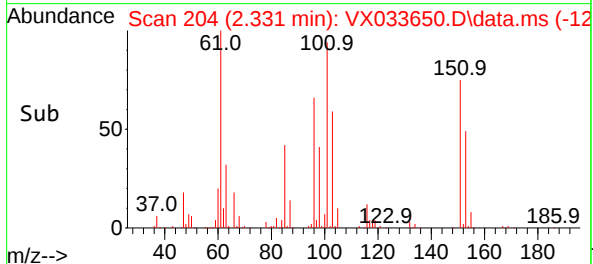
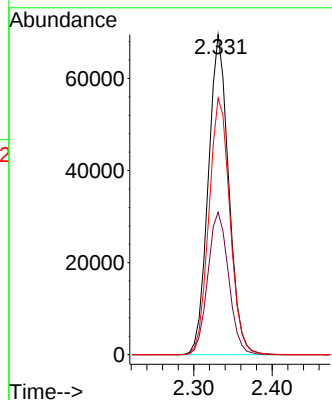
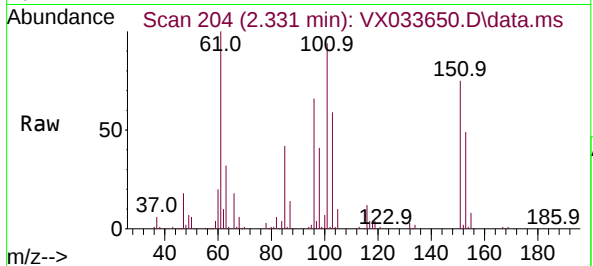




#9
1,1,2-Trichlorotrifluoroethane
Concen: 82.201 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

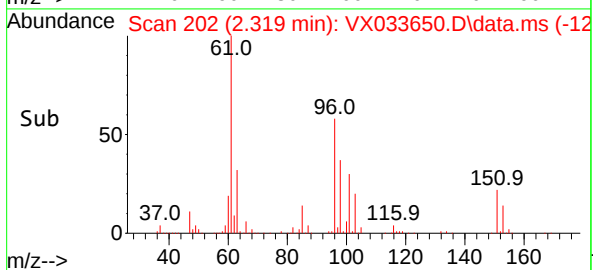
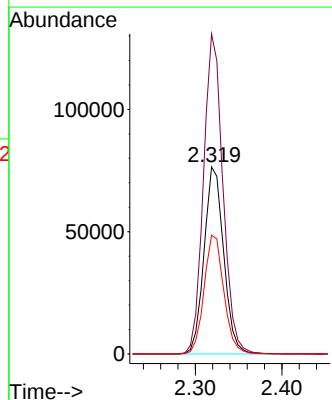
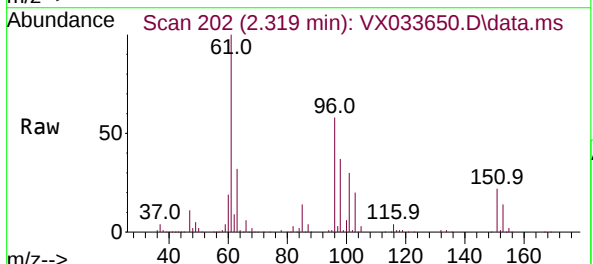
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

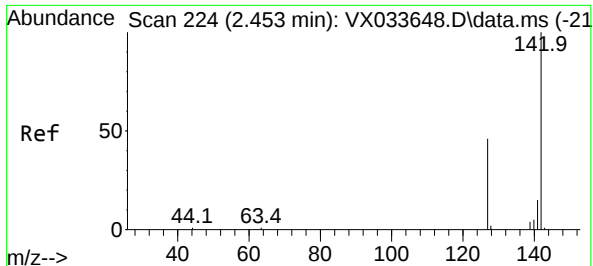
Tgt Ion:101 Resp: 125741
Ion Ratio Lower Upper
101 100
85 45.5 0.0 88.8
151 82.6 0.0 167.2



#10
1,1-Dichloroethene
Concen: 83.533 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

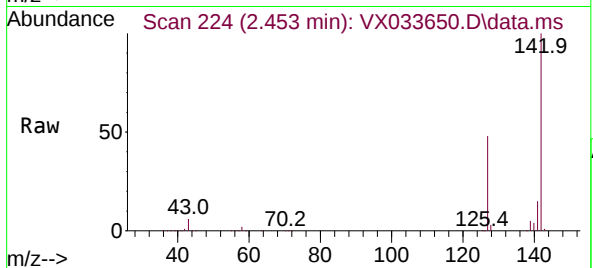
Tgt Ion: 96 Resp: 120626
Ion Ratio Lower Upper
96 100
61 171.0 130.6 195.8
98 63.4 50.8 76.2



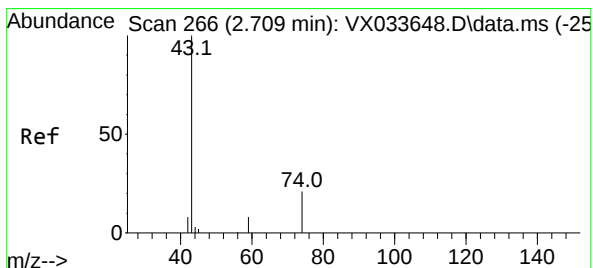
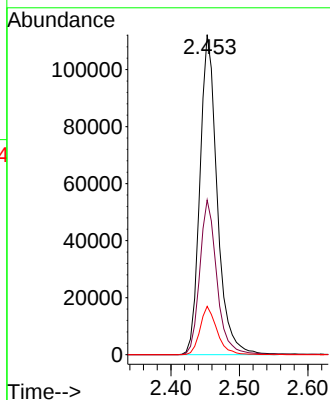
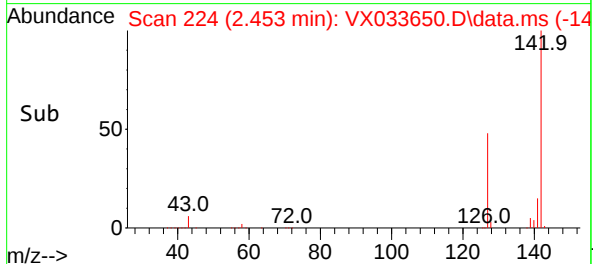


#11
Methyl Iodide
Concen: 110.793 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

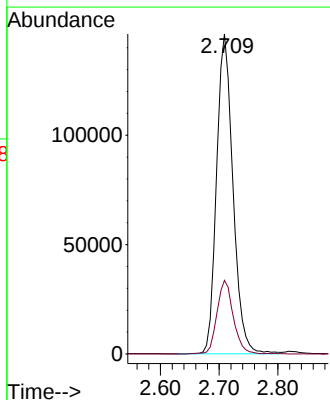
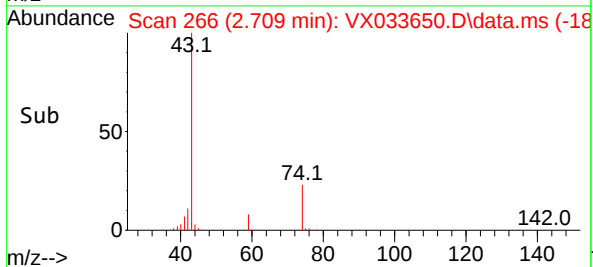
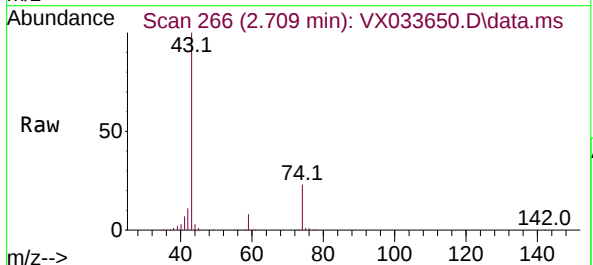


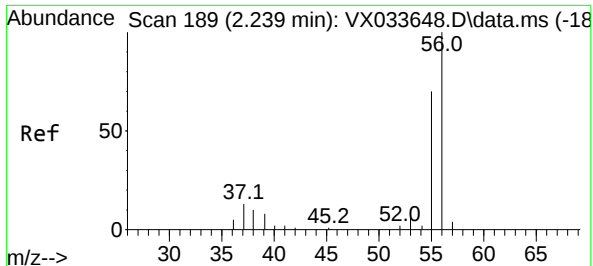
Tgt Ion:142 Resp: 197674
Ion Ratio Lower Upper
142 100
127 48.3 23.2 69.5
141 15.1 7.3 22.0



#12
Methyl Acetate
Concen: 124.683 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

Tgt Ion: 43 Resp: 283197
Ion Ratio Lower Upper
43 100
74 23.0 17.0 25.6

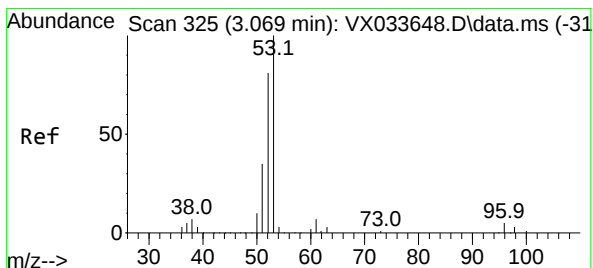
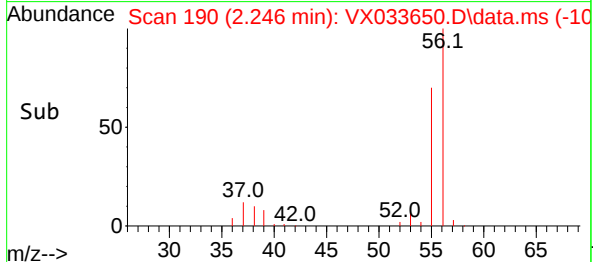
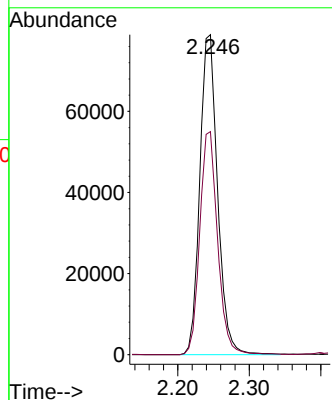
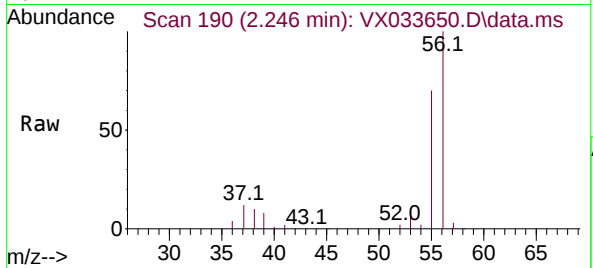




#13
Acrolein
Concen: 426.852 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

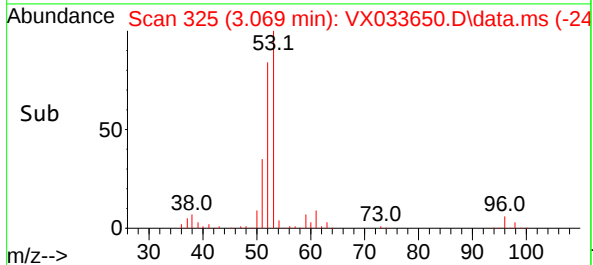
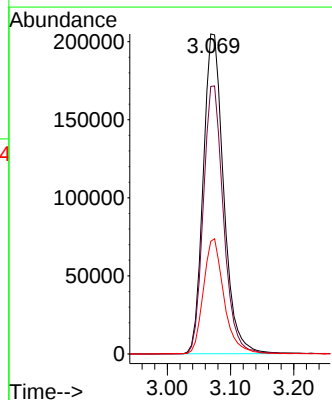
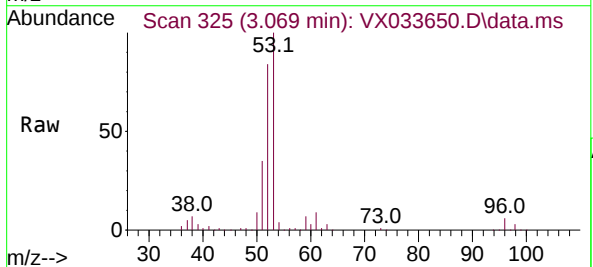
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

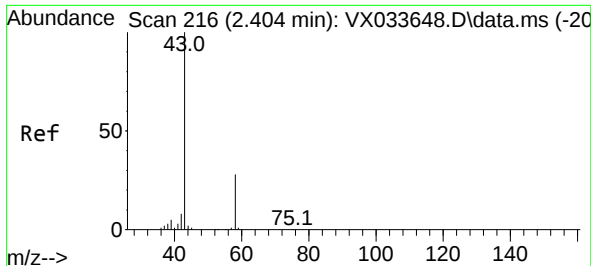
Tgt Ion: 56 Resp: 136040
Ion Ratio Lower Upper
56 100
55 70.0 56.1 84.1



#14
Acrylonitrile
Concen: 563.901 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

Tgt Ion: 53 Resp: 460256
Ion Ratio Lower Upper
53 100
52 82.9 41.3 124.1
51 36.0 18.4 55.4

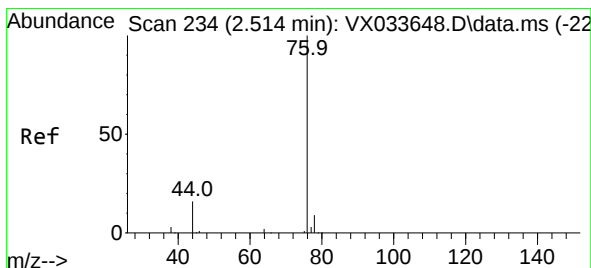
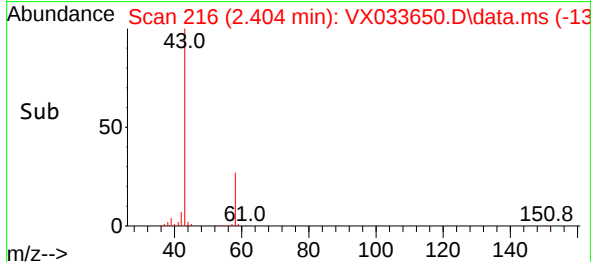
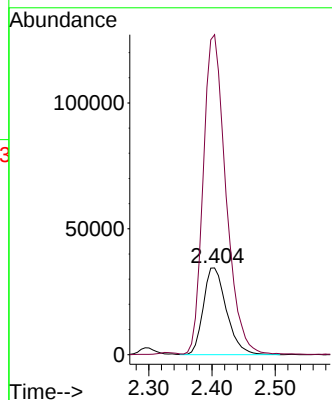
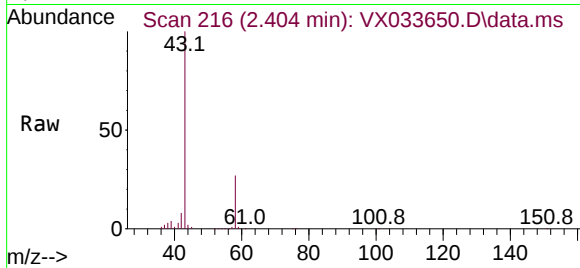




#15
Acetone
Concen: 358.911 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

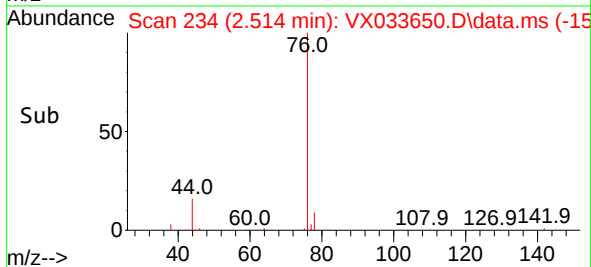
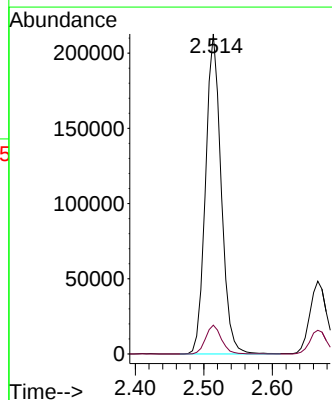
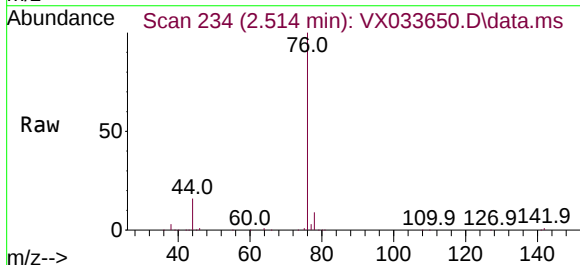
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

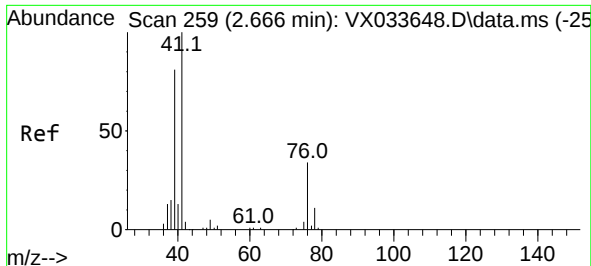
Tgt Ion: 58 Resp: 87507
Ion Ratio Lower Upper
58 100
43 368.3 288.3 432.5



#16
Carbon Disulfide
Concen: 85.484 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

Tgt Ion: 76 Resp: 337650
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

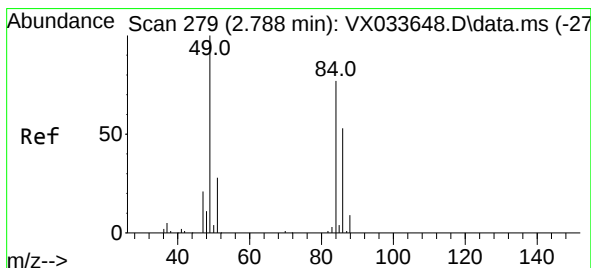
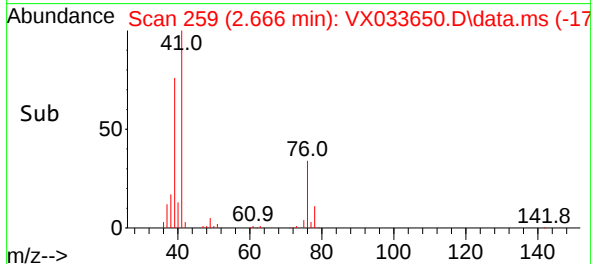
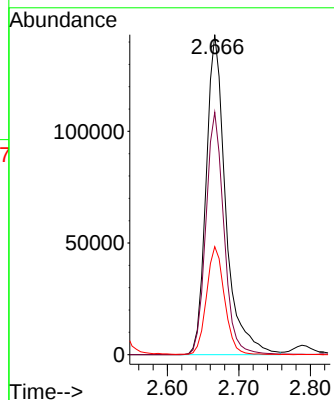
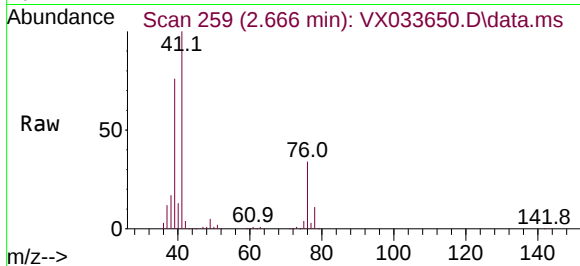




#17
 Allyl chloride
 Concen: 106.293 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX033650.D
 Acq: 07 Jan 2023 00:13

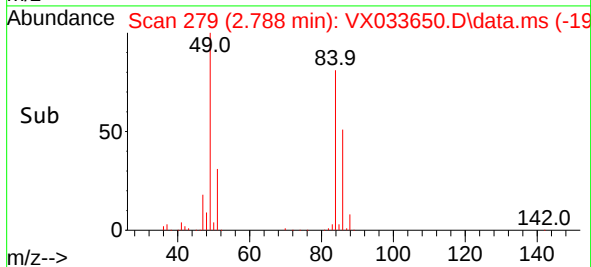
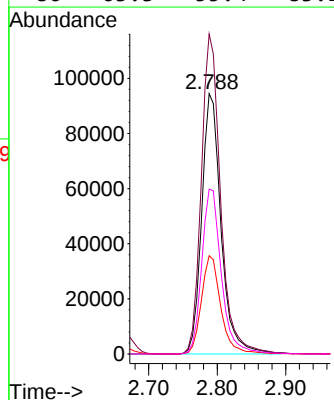
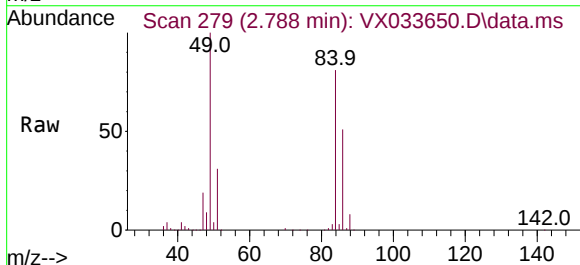
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

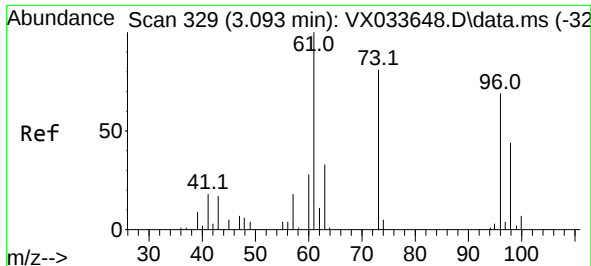
Tgt Ion: 41 Resp: 273330
 Ion Ratio Lower Upper
 41 100
 39 75.8 40.3 120.8
 76 33.7 17.0 50.9



#18
 Methylene Chloride
 Concen: 104.294 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX033650.D
 Acq: 07 Jan 2023 00:13

Tgt Ion: 84 Resp: 186046
 Ion Ratio Lower Upper
 84 100
 49 122.8 104.1 156.1
 51 37.7 29.2 43.8
 86 63.3 55.4 83.2

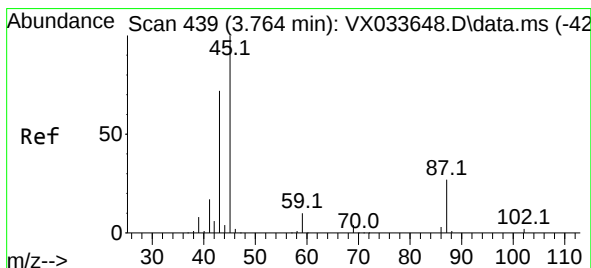
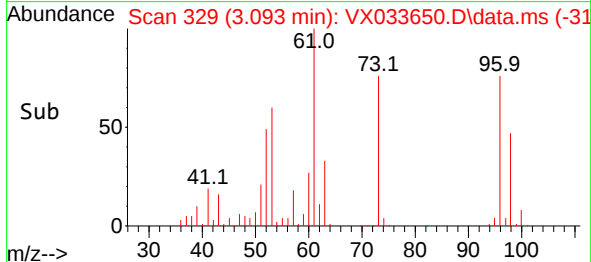
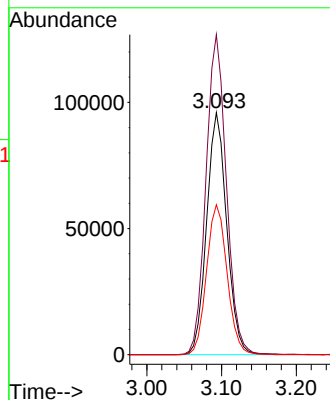
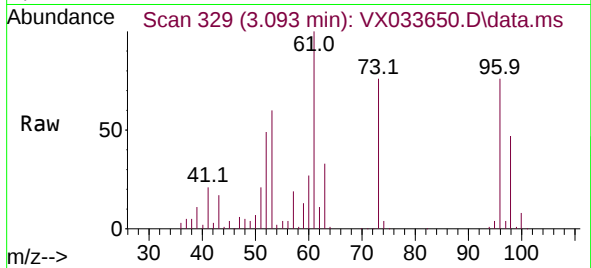




#19
trans-1,2-Dichloroethene
Concen: 100.228 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

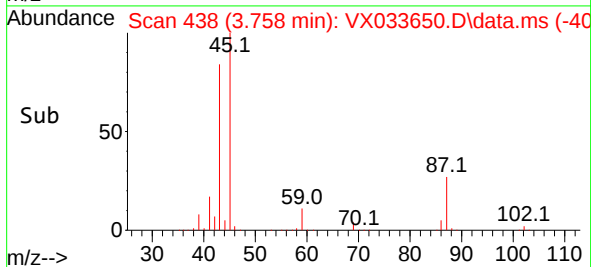
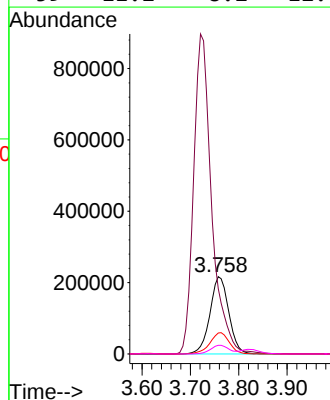
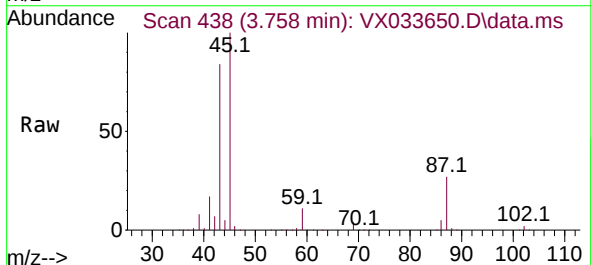
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

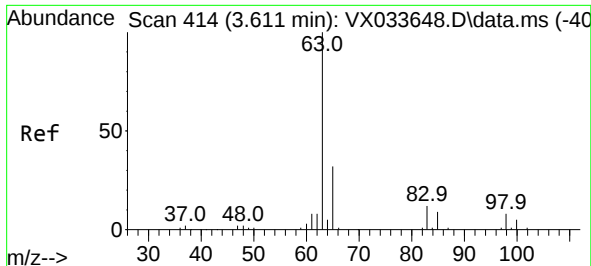
Tgt Ion: 96 Resp: 179292
Ion Ratio Lower Upper
96 100
61 132.1 117.1 175.7
98 61.9 52.0 78.0



#20
Diisopropyl ether
Concen: 106.609 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

Tgt Ion: 45 Resp: 585104
Ion Ratio Lower Upper
45 100
43 84.1 58.0 87.0
87 27.0 21.7 32.5
59 11.2 8.2 12.4

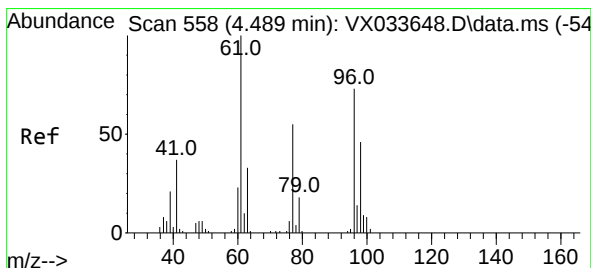
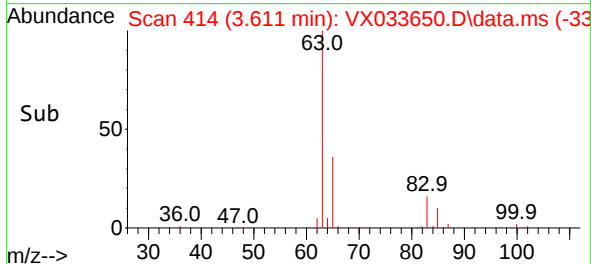
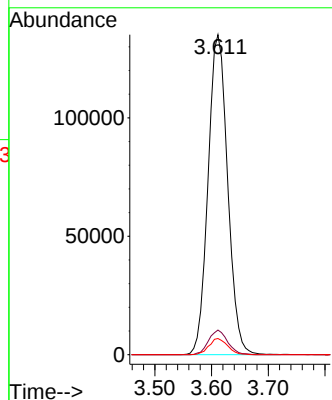
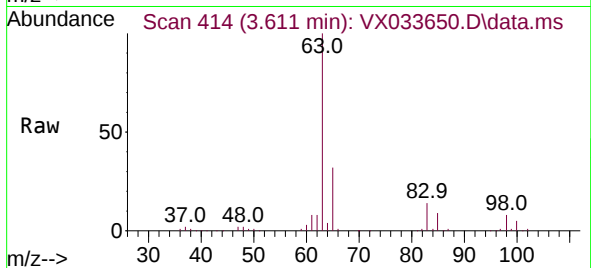




#21
1,1-Dichloroethane
Concen: 102.300 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

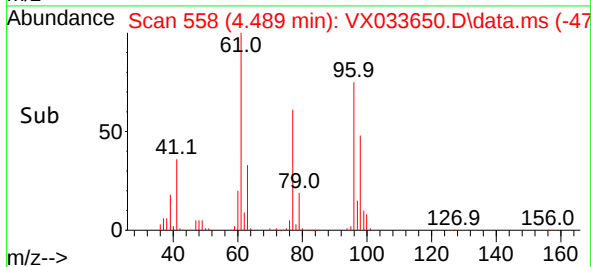
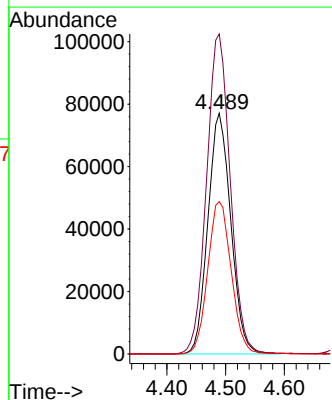
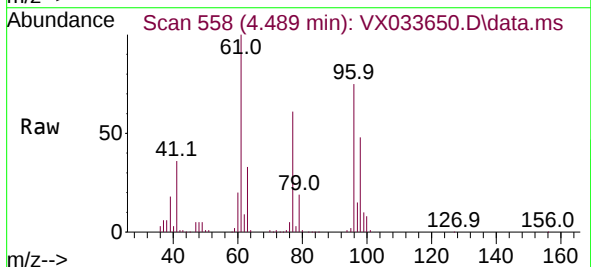
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

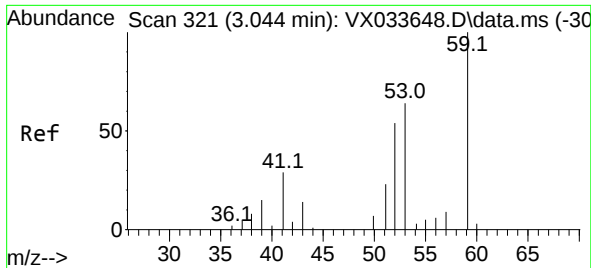
Tgt Ion: 63 Resp: 324219
Ion Ratio Lower Upper
63 100
98 7.7 4.0 12.2
100 5.1 2.4 7.2



#22
cis-1,2-Dichloroethene
Concen: 100.391 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

Tgt Ion: 96 Resp: 209217
Ion Ratio Lower Upper
96 100
61 137.2 114.2 171.2
98 64.6 51.4 77.0

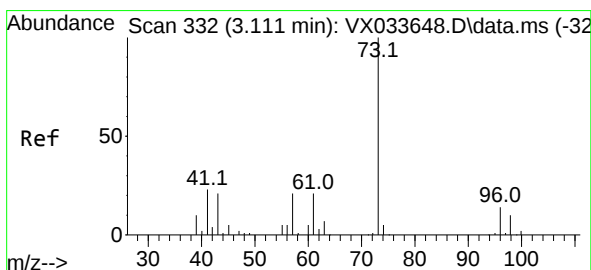
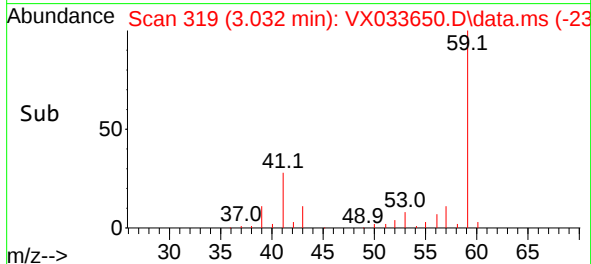
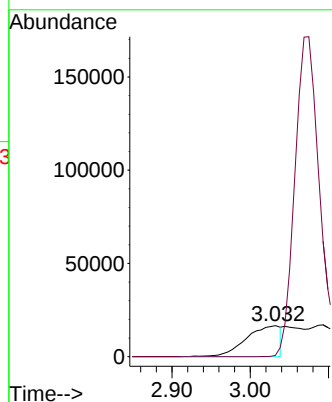
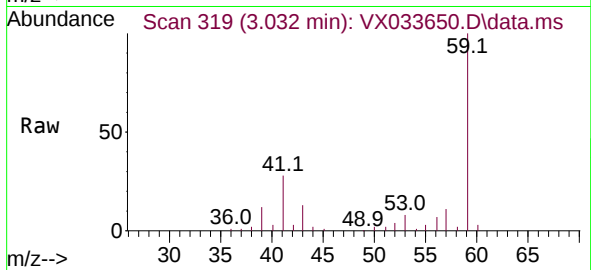




#23
tert-Butyl Alcohol
Concen: 149.242 ug/l
RT: 3.032 min Scan# 319
Delta R.T. -0.012 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

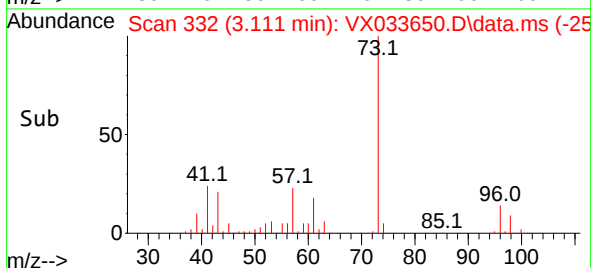
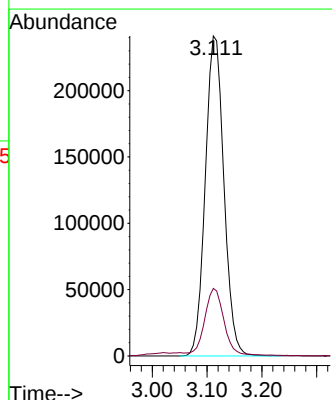
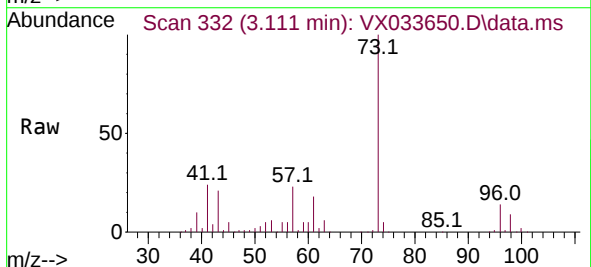
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

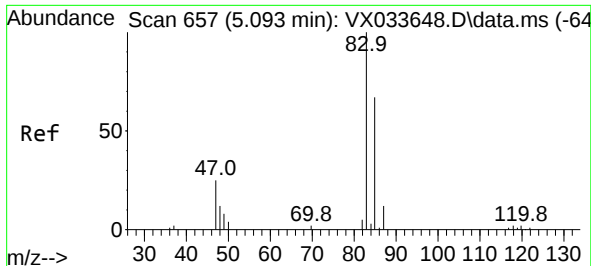
Tgt Ion: 59 Resp: 51020
Ion Ratio Lower Upper
59 100
52 748.0 0.2 0.2#



#24
Methyl tert-Butyl Ether
Concen: 101.500 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

Tgt Ion: 73 Resp: 568164
Ion Ratio Lower Upper
73 100
43 20.8 18.1 27.1

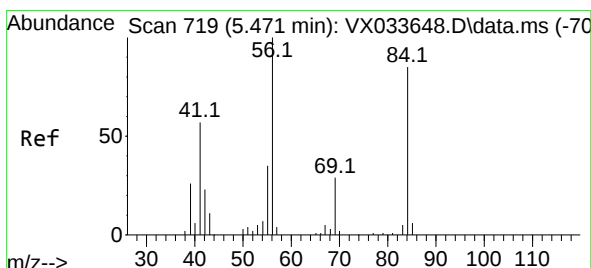
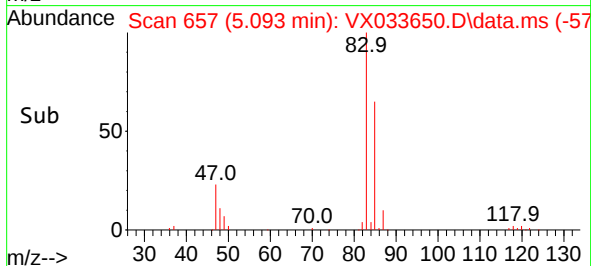
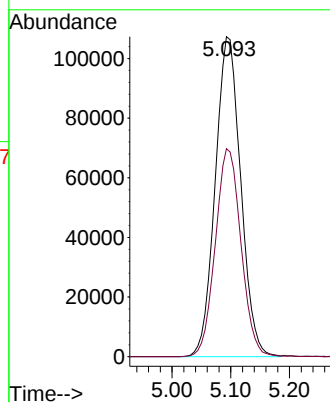
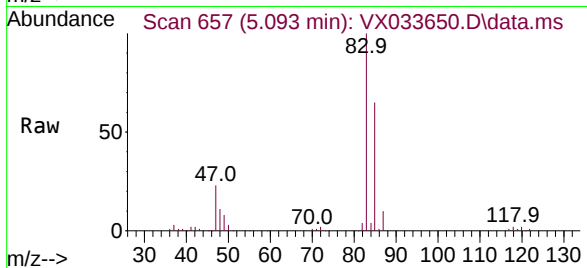




#25
Chloroform
Concen: 91.829 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

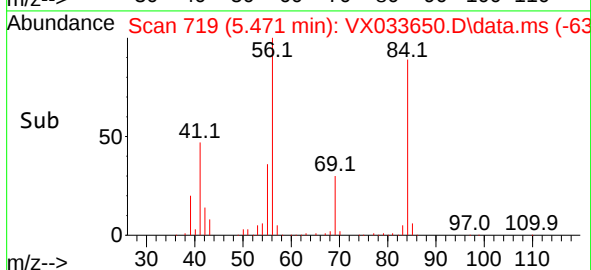
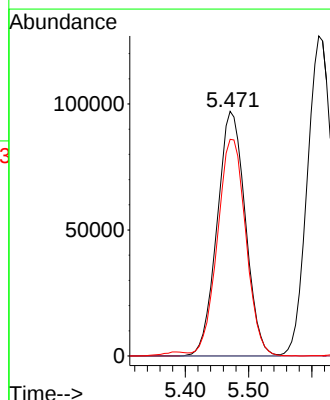
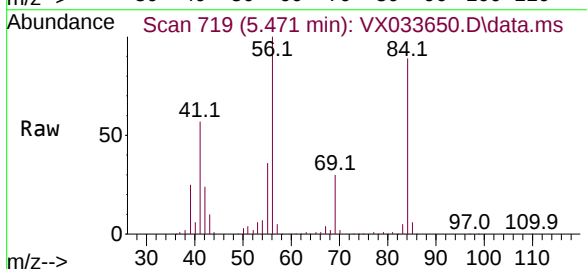
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

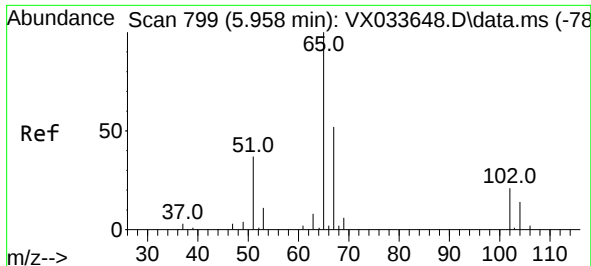
Tgt Ion: 83 Resp: 323584
Ion Ratio Lower Upper
83 100
85 65.0 53.9 80.9



#26
Cyclohexane
Concen: 106.888 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

Tgt Ion: 56 Resp: 300587
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.5 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 25.883 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033650.D

Acq: 07 Jan 2023 00:13

Instrument :

MSVOA_X

ClientSampleId :

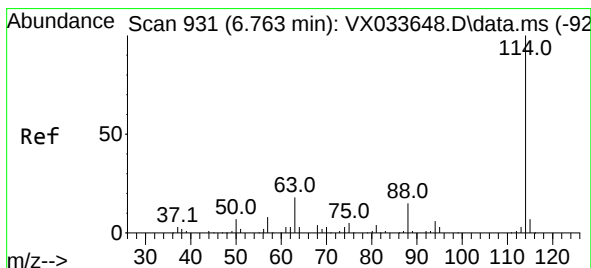
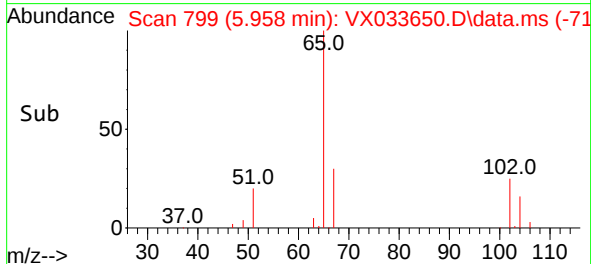
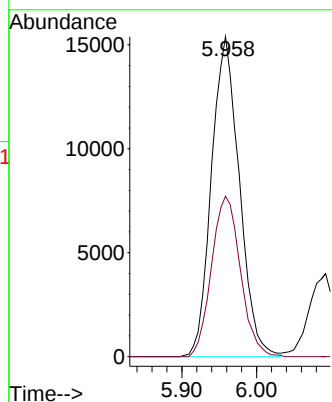
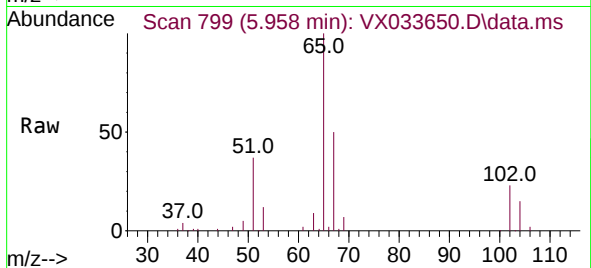
VSTDIC100

Tgt Ion: 65 Resp: 39877

Ion Ratio Lower Upper

65 100

67 51.9 40.4 60.6



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033650.D

Acq: 07 Jan 2023 00:13

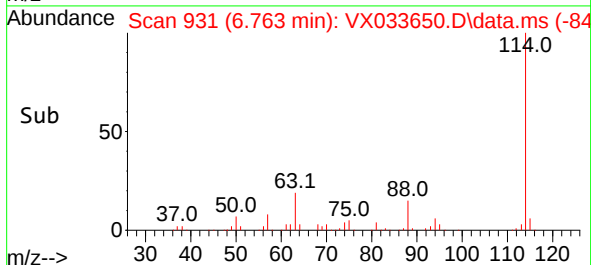
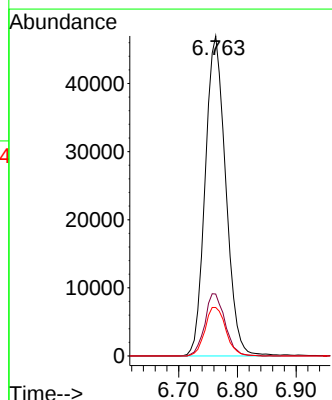
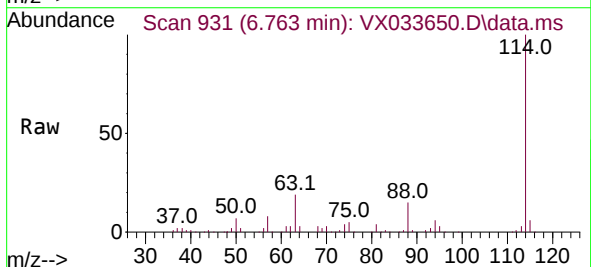
Tgt Ion: 114 Resp: 113970

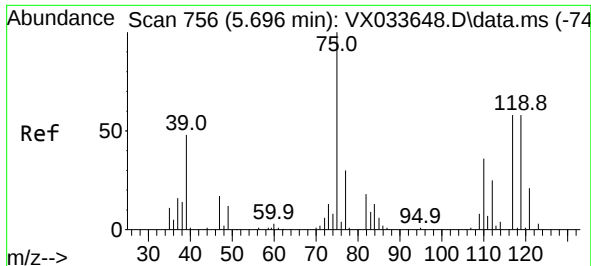
Ion Ratio Lower Upper

114 100

63 19.1 15.5 23.3

88 15.4 12.4 18.6

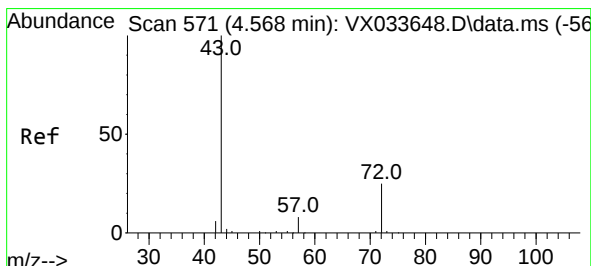
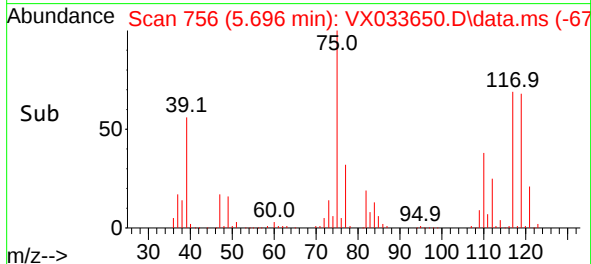
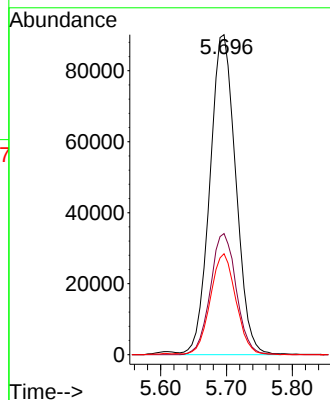
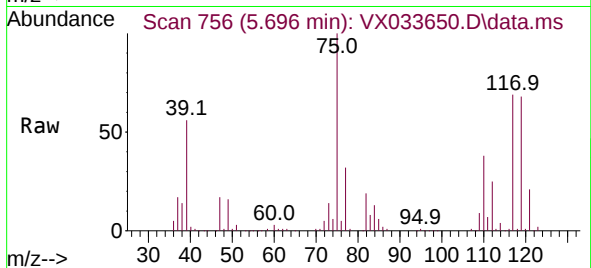




#29
1,1-Dichloropropene
Concen: 106.384 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

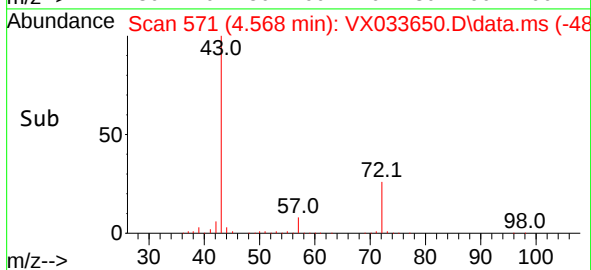
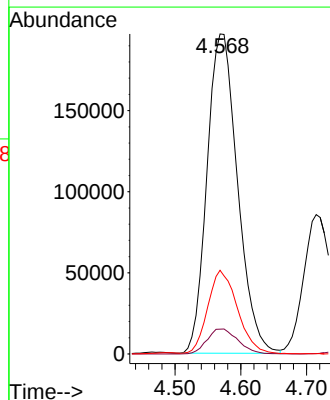
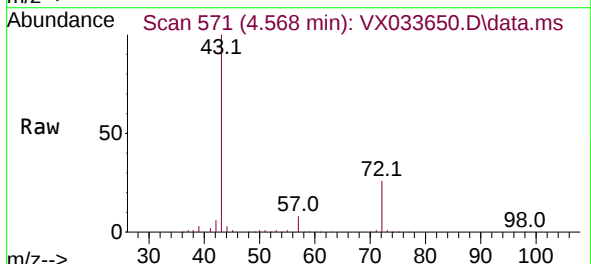
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

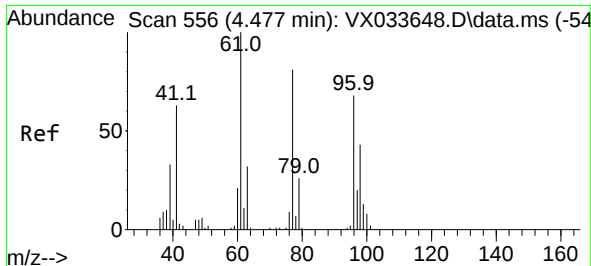
Tgt Ion: 75 Resp: 247367
Ion Ratio Lower Upper
75 100
110 37.8 0.0 71.4
77 31.1 0.0 61.0



#30
2-Butanone
Concen: 576.446 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

Tgt Ion: 43 Resp: 635455
Ion Ratio Lower Upper
43 100
57 7.9 3.4 5.2#
72 25.6 19.8 29.6

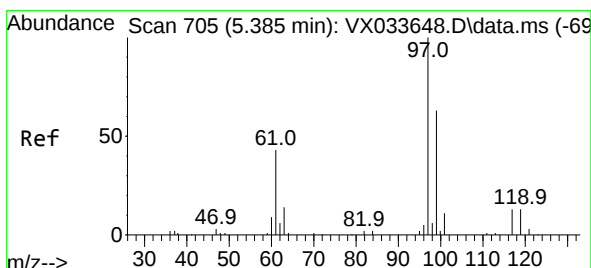
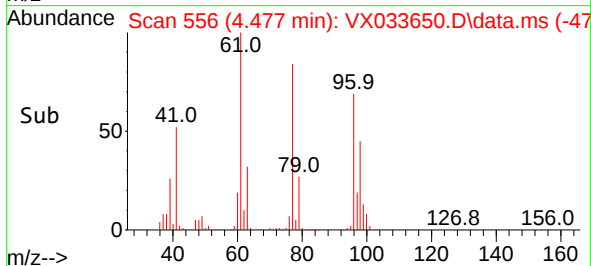
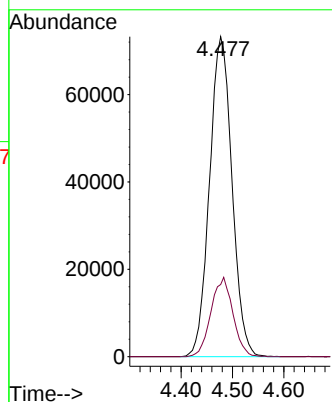
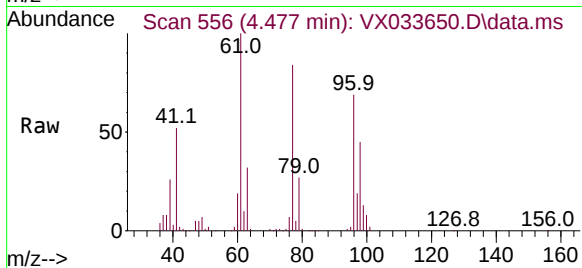




#31
2,2-Dichloropropane
Concen: 94.925 ug/l
RT: 4.477 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

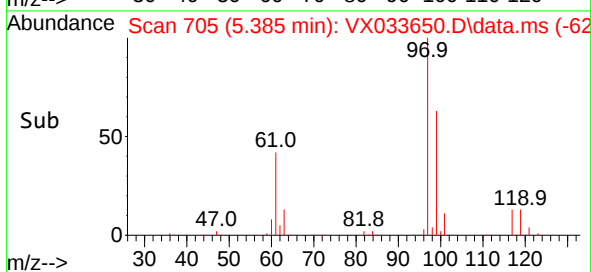
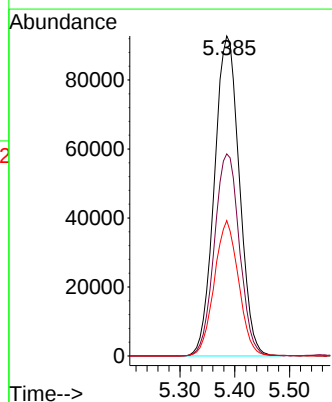
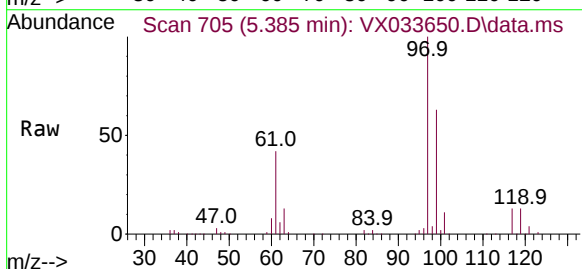
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

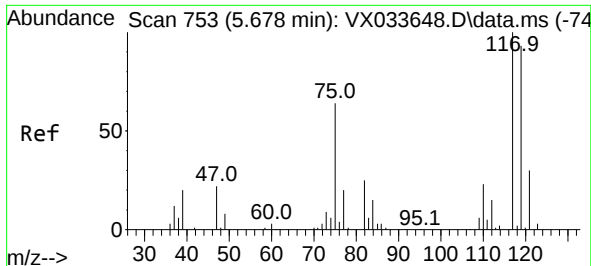
Tgt Ion: 77 Resp: 222377
Ion Ratio Lower Upper
77 100
97 24.2 19.0 28.6



#32
1,1,1-Trichloroethane
Concen: 100.294 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

Tgt Ion: 97 Resp: 293315
Ion Ratio Lower Upper
97 100
99 63.6 52.0 78.0
61 41.4 35.4 53.2

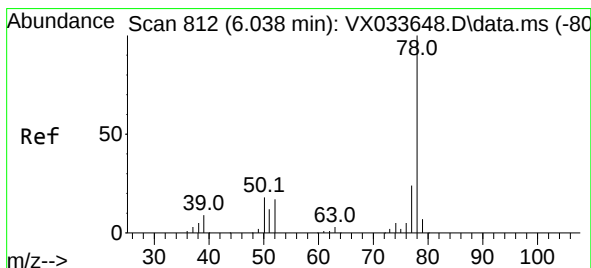
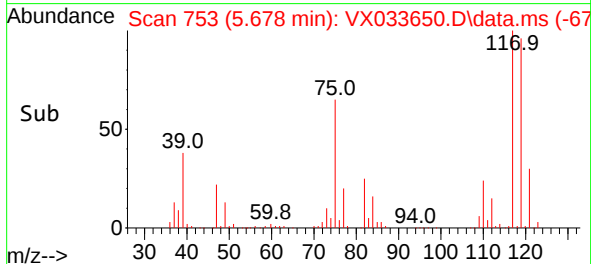
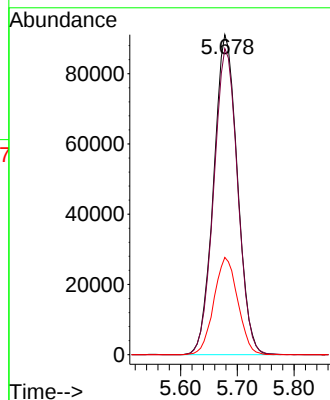
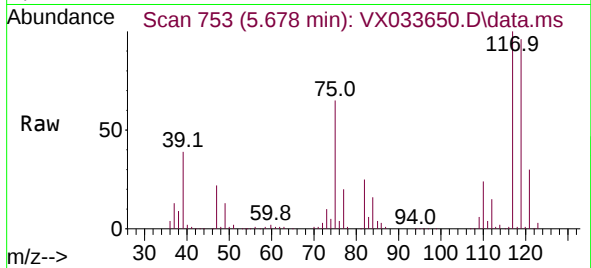




#33
Carbon Tetrachloride
Concen: 99.503 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

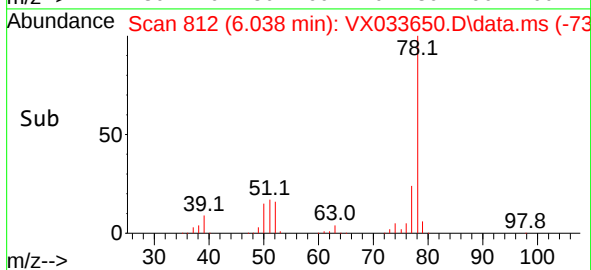
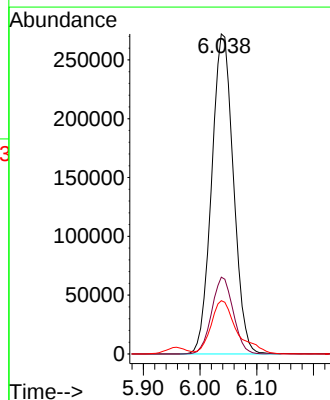
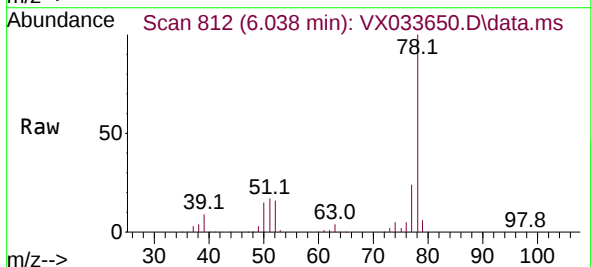
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

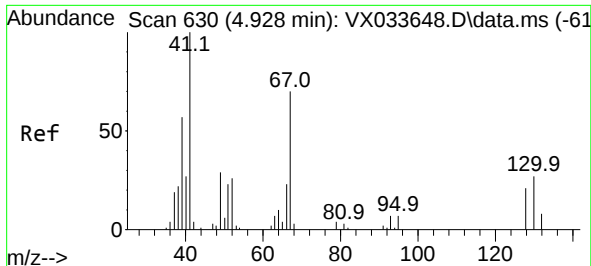
Tgt Ion:117 Resp: 265185
Ion Ratio Lower Upper
117 100
119 95.6 74.8 112.2
121 30.4 23.8 35.8



#34
Benzene
Concen: 108.751 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

Tgt Ion: 78 Resp: 724318
Ion Ratio Lower Upper
78 100
77 24.0 19.5 29.3
51 16.6 13.0 19.6



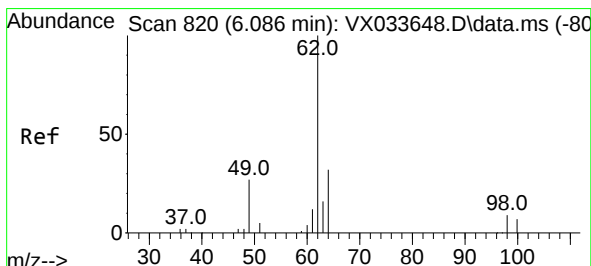
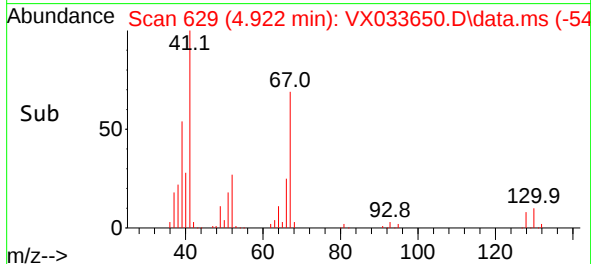
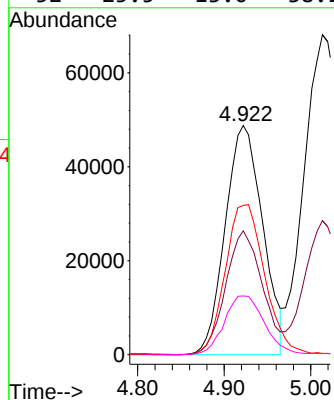
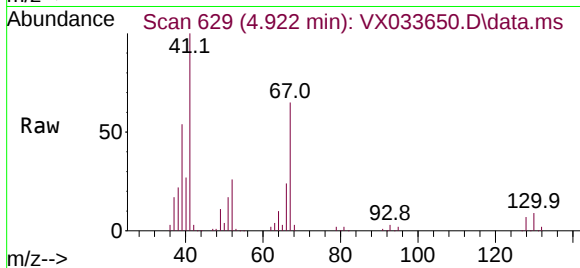


#35
Methacrylonitrile
Concen: 124.871 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 146852

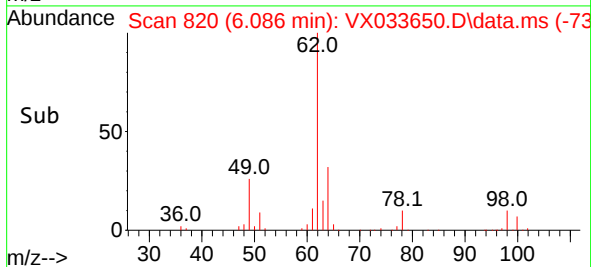
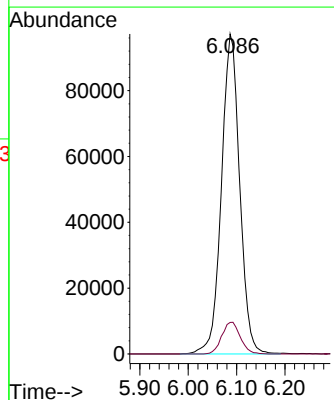
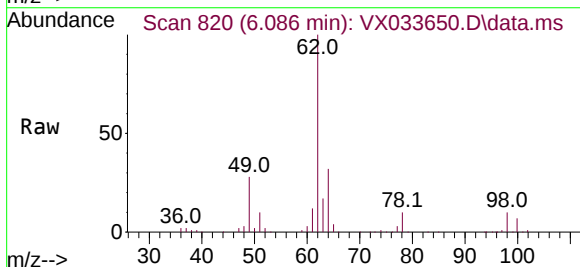
Ion	Ratio	Lower	Upper
41	100		
39	54.0	28.6	85.9
67	65.1	34.8	104.3
52	25.5	13.0	38.9

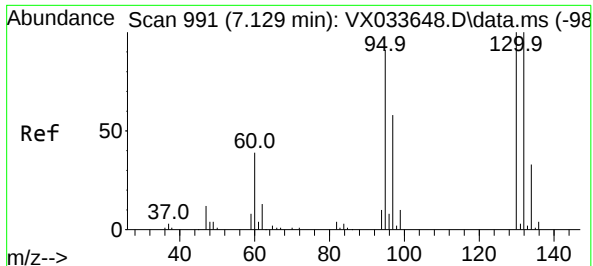


#36
1,2-Dichloroethane
Concen: 100.756 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

Tgt Ion: 62 Resp: 254755

Ion	Ratio	Lower	Upper
62	100		
98	10.1	7.4	11.0





#37

Trichloroethene

Concen: 110.712 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX033650.D

Acq: 07 Jan 2023 00:13

Instrument :

MSVOA_X

ClientSampleId :

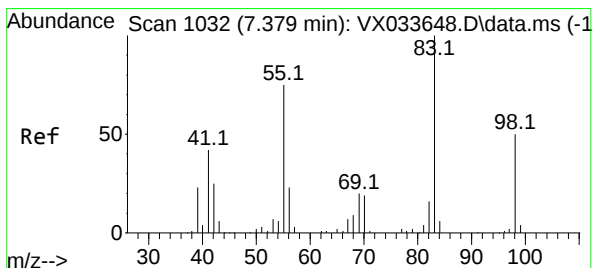
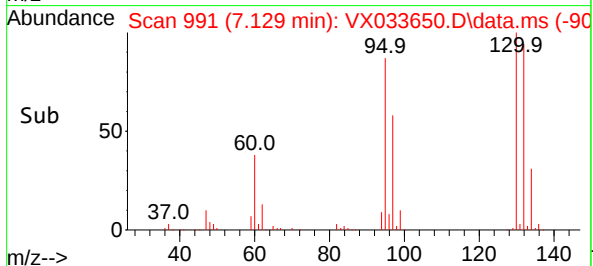
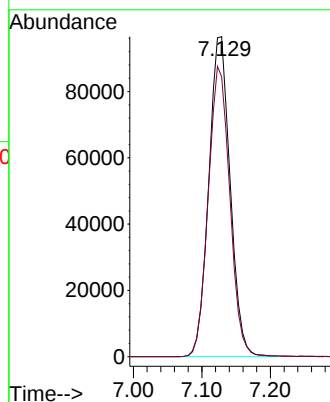
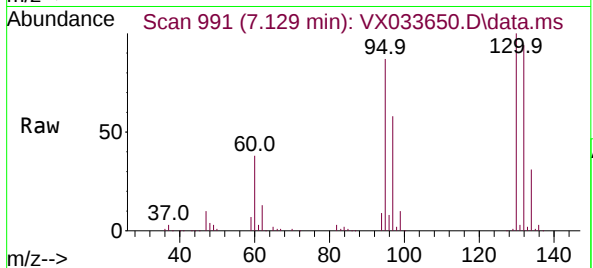
VSTDIC100

Tgt Ion:130 Resp: 209535

Ion Ratio Lower Upper

130 100

95 87.5 73.1 109.7



#38

Methylcyclohexane

Concen: 113.708 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX033650.D

Acq: 07 Jan 2023 00:13

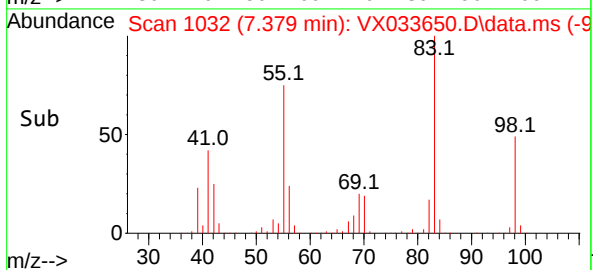
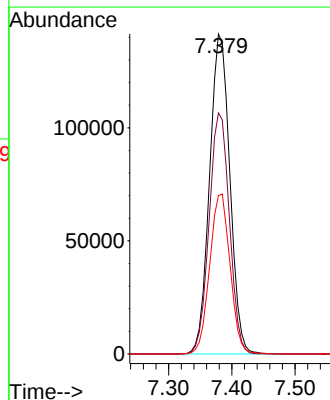
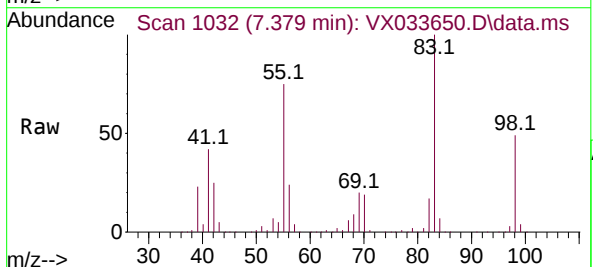
Tgt Ion: 83 Resp: 315186

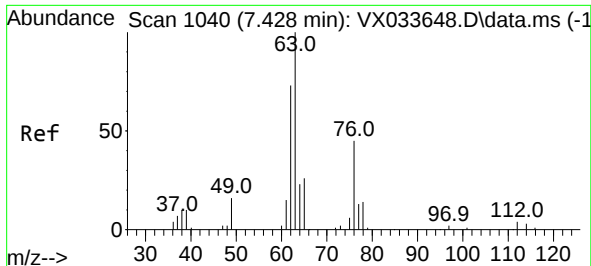
Ion Ratio Lower Upper

83 100

55 75.2 38.6 115.7

98 50.2 25.3 75.8





#39

1,2-Dichloropropane

Concen: 111.238 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX033650.D

Acq: 07 Jan 2023 00:13

Instrument :

MSVOA_X

ClientSampleId :

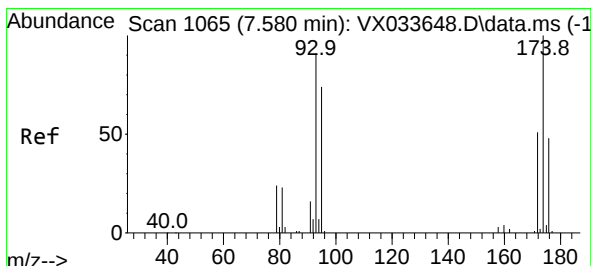
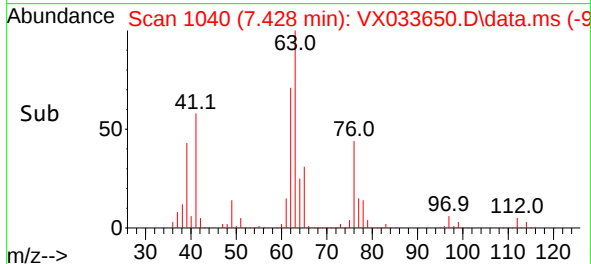
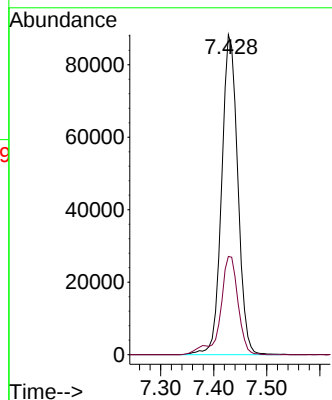
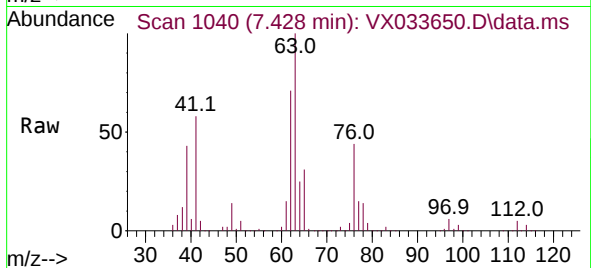
VSTDIC100

Tgt Ion: 63 Resp: 186527

Ion Ratio Lower Upper

63 100

65 30.7 23.2 34.8



#40

Dibromomethane

Concen: 103.078 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033650.D

Acq: 07 Jan 2023 00:13

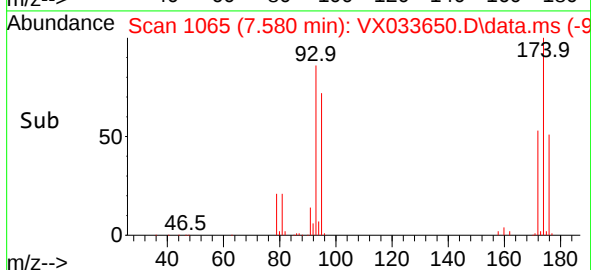
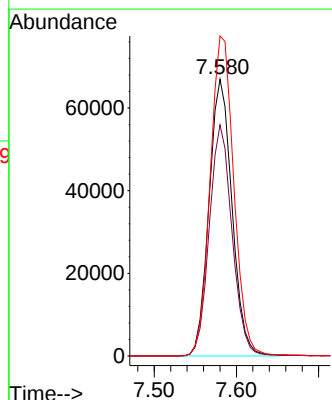
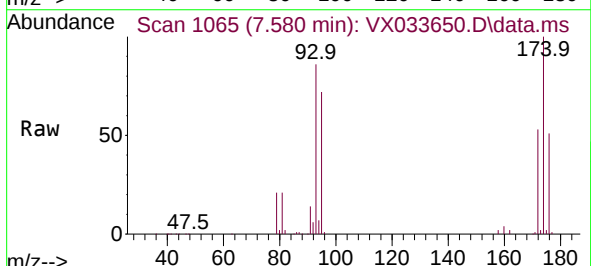
Tgt Ion: 93 Resp: 129959

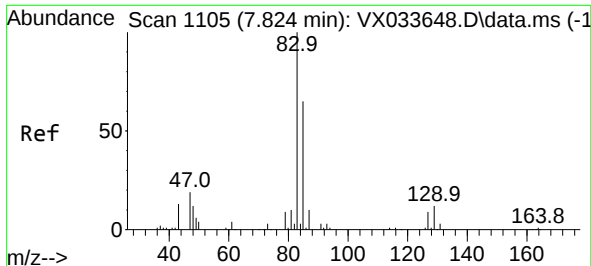
Ion Ratio Lower Upper

93 100

95 82.6 0.0 166.4

174 119.2 0.0 233.8

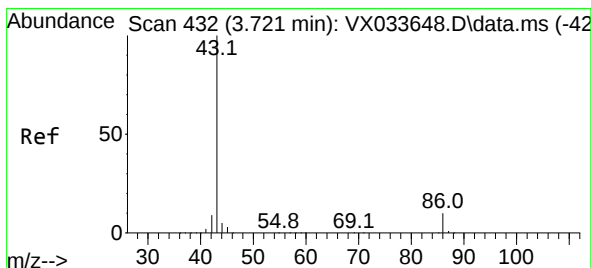
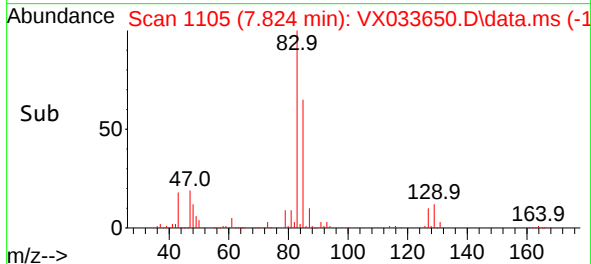
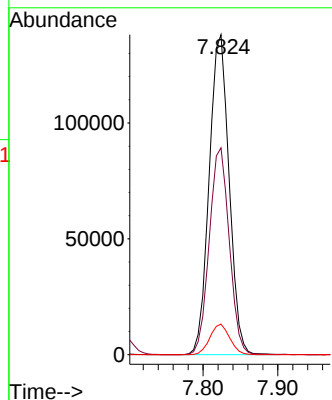
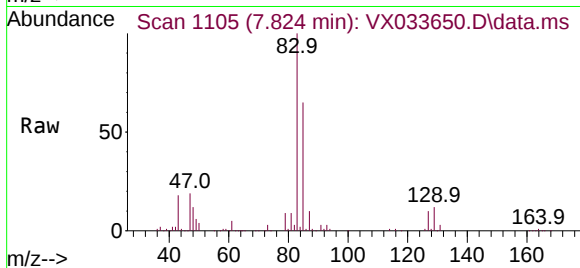




#41
Bromodichloromethane
Concen: 100.710 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

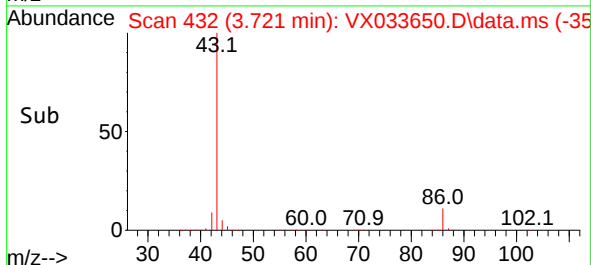
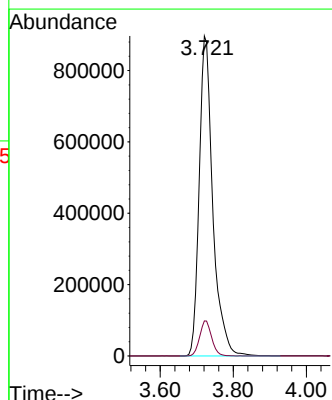
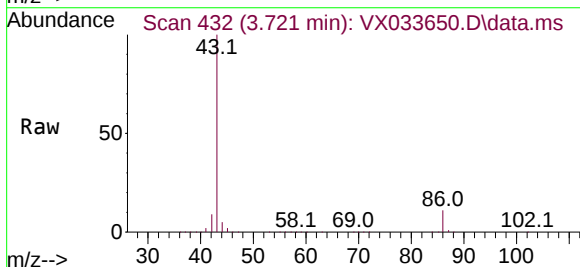
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

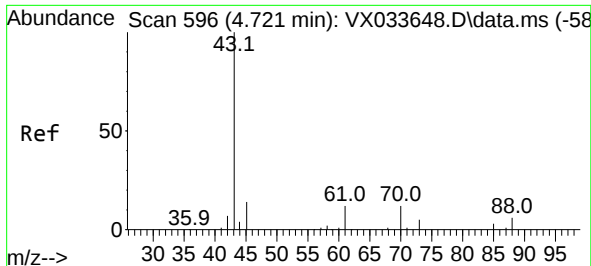
Tgt Ion: 83 Resp: 255760
Ion Ratio Lower Upper
83 100
85 64.7 52.0 78.0
127 9.6 7.4 11.0



#42
Vinyl Acetate
Concen: 597.581 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

Tgt Ion: 43 Resp: 2325581
Ion Ratio Lower Upper
43 100
86 9.6 7.2 10.8

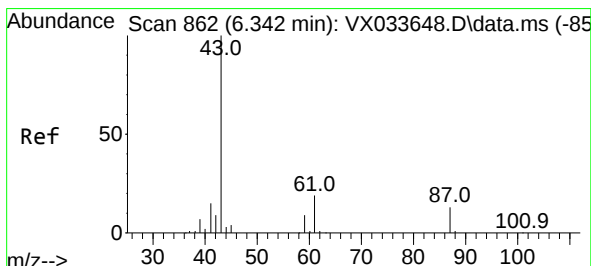
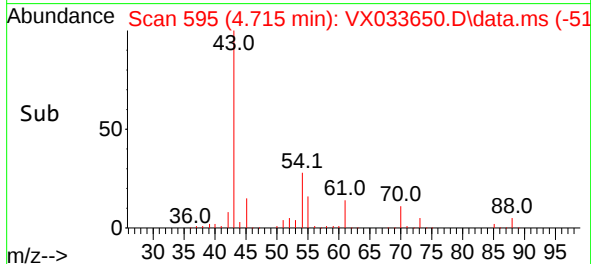
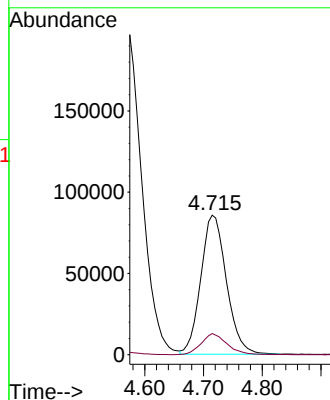
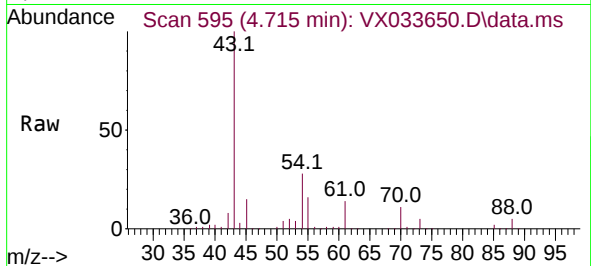




#43
Ethyl Acetate
Concen: 123.879 ug/l
RT: 4.715 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

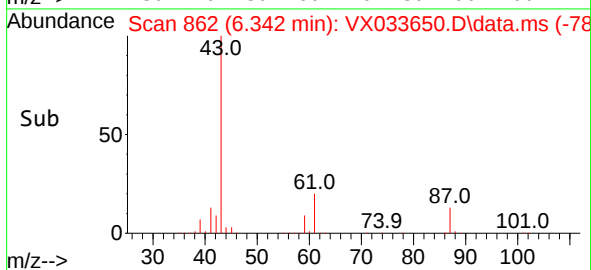
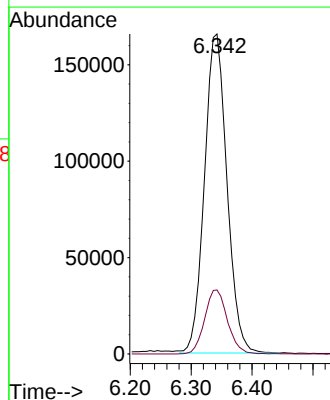
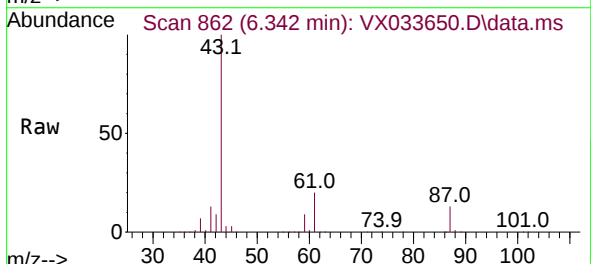
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

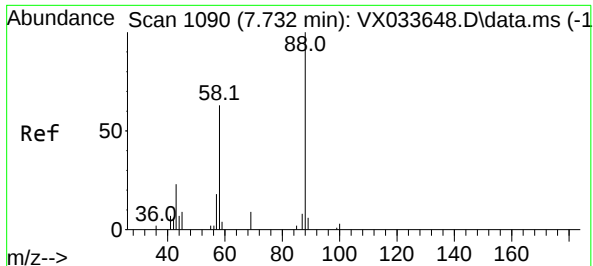
Tgt Ion: 43 Resp: 259136
Ion Ratio Lower Upper
43 100
45 15.3 11.2 16.8



#44
Isopropyl Acetate
Concen: 124.400 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

Tgt Ion: 43 Resp: 425146
Ion Ratio Lower Upper
43 100
61 20.2 15.4 23.2

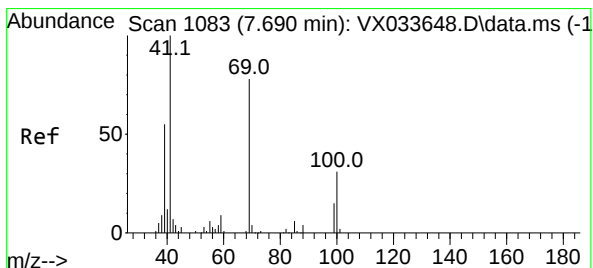
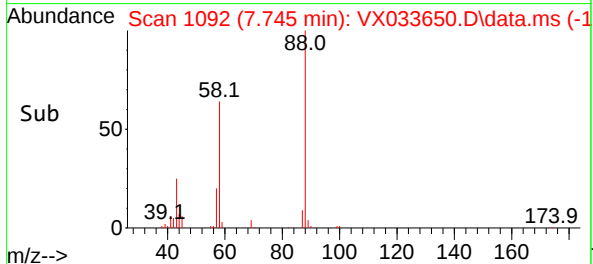
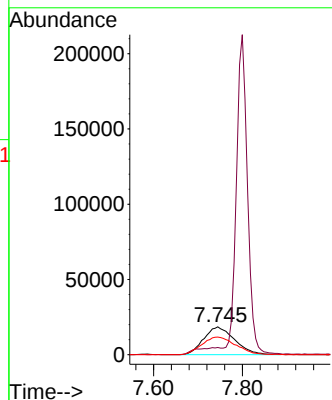
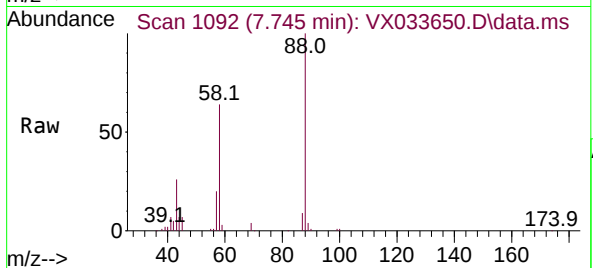




#45
1,4-Dioxane
Concen: 2260.715 ug/l
RT: 7.745 min Scan# 1092
Delta R.T. 0.012 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

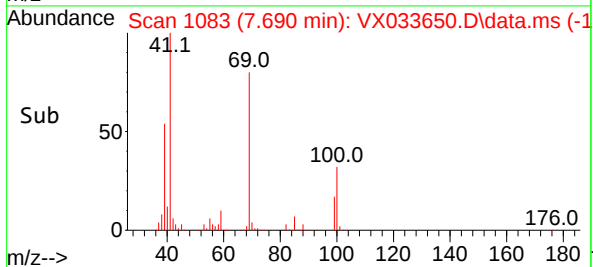
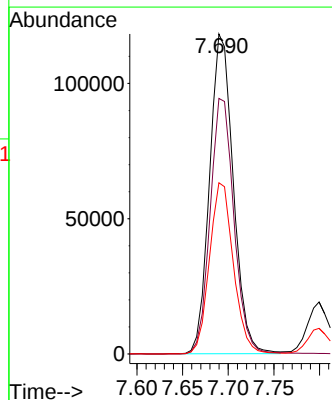
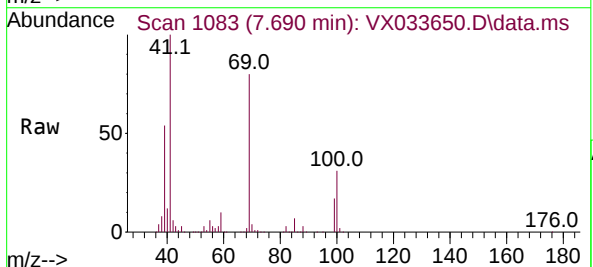
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

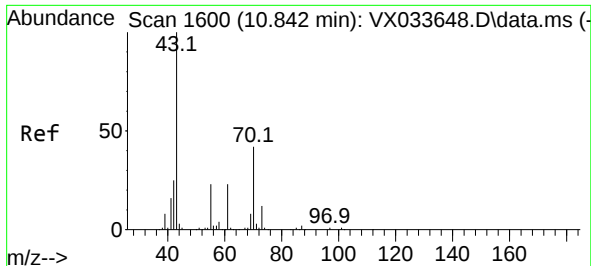
Tgt Ion: 88 Resp: 89165
Ion Ratio Lower Upper
88 100
43 10.7 1.2 1.8#
58 69.5 8.5 12.7#



#46
Methyl methacrylate
Concen: 124.211 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

Tgt Ion: 41 Resp: 213784
Ion Ratio Lower Upper
41 100
69 79.9 39.1 117.3
39 53.5 27.7 83.0

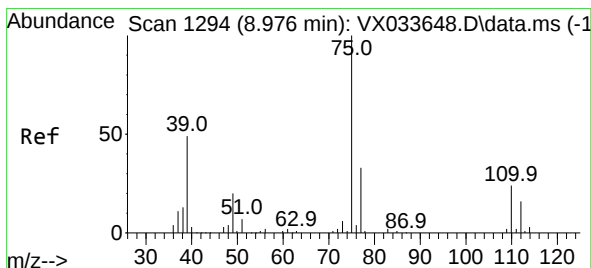
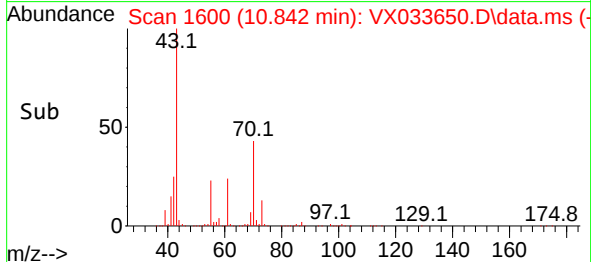
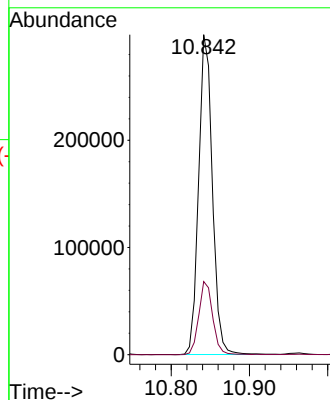
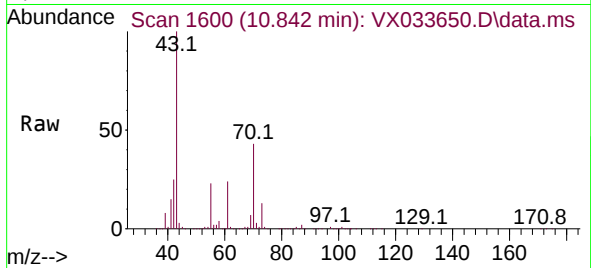




#47
n-amy1 Acetate
Concen: 126.284 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

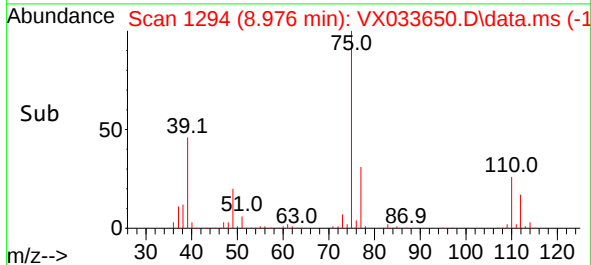
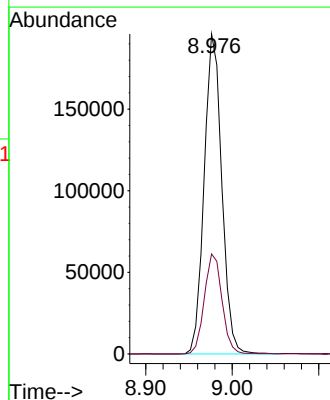
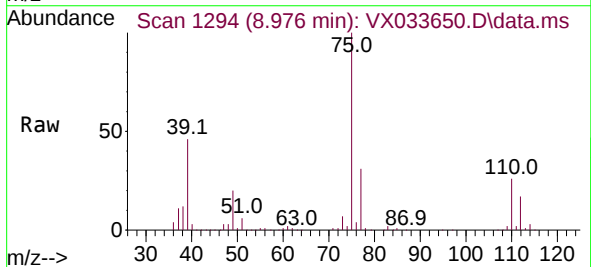
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

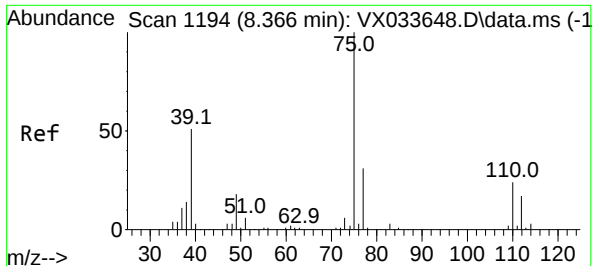
Tgt Ion: 43 Resp: 364807
Ion Ratio Lower Upper
43 100
55 23.1 19.3 28.9



#48
t-1,3-Dichloropropene
Concen: 108.779 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

Tgt Ion: 75 Resp: 276882
Ion Ratio Lower Upper
75 100
77 31.3 26.5 39.7





#49

cis-1,3-Dichloropropene

Concen: 109.128 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033650.D

Acq: 07 Jan 2023 00:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

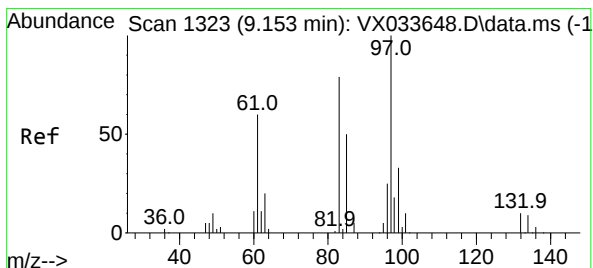
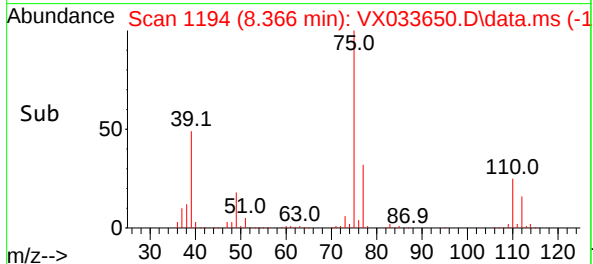
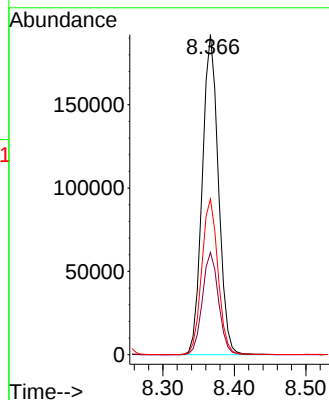
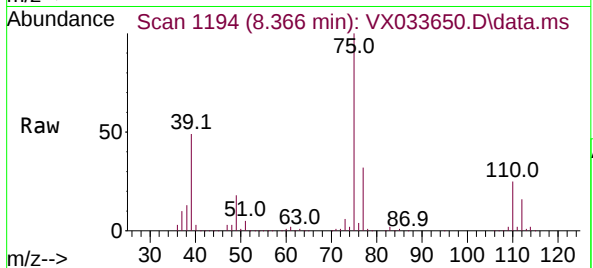
Tgt Ion: 75 Resp: 300831

Ion Ratio Lower Upper

75 100

77 32.0 24.7 37.1

39 48.6 40.7 61.1



#50

1,1,2-Trichloroethane

Concen: 107.734 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX033650.D

Acq: 07 Jan 2023 00:13

Tgt Ion: 97 Resp: 188462

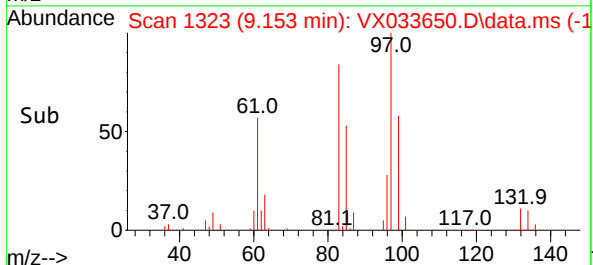
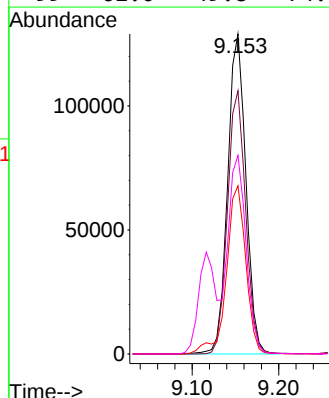
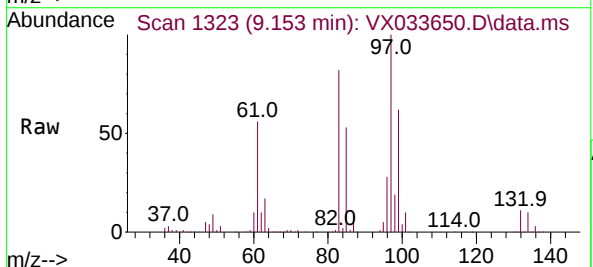
Ion Ratio Lower Upper

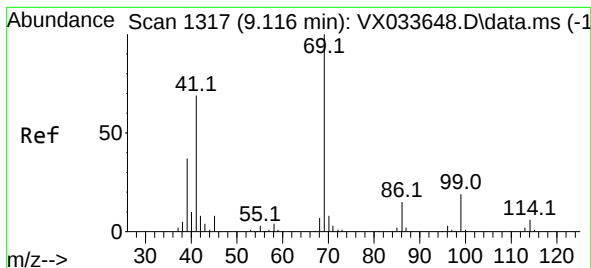
97 100

83 82.2 63.0 94.4

85 52.6 42.8 64.2

99 62.0 49.8 74.8





#51

Ethyl methacrylate

Concen: 114.563 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX033650.D

Acq: 07 Jan 2023 00:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

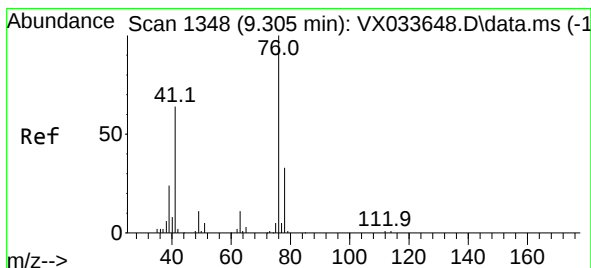
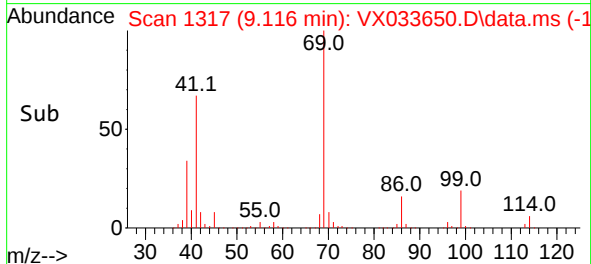
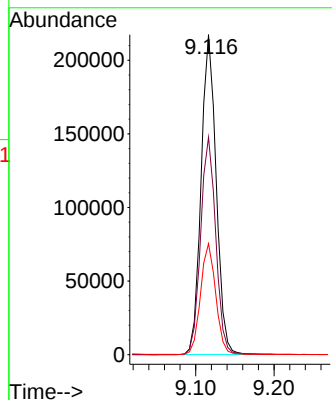
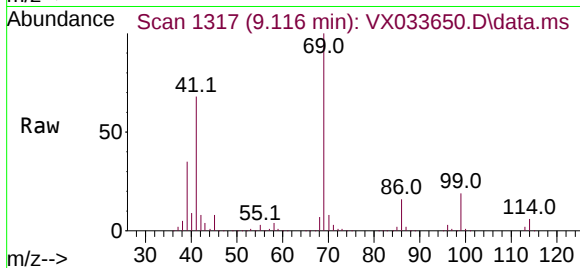
Tgt Ion: 69 Resp: 290260

Ion Ratio Lower Upper

69 100

41 67.9 34.3 102.9

39 34.6 18.3 54.9



#52

1,3-Dichloropropane

Concen: 108.872 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. 0.006 min

Lab File: VX033650.D

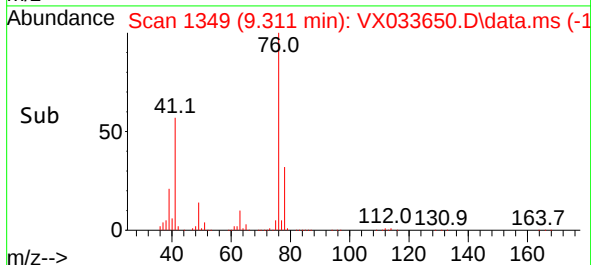
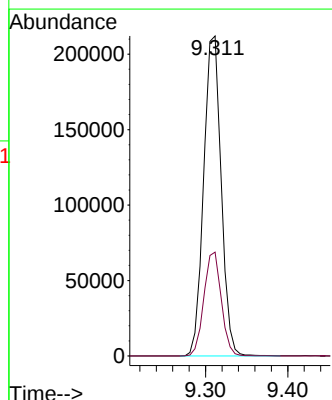
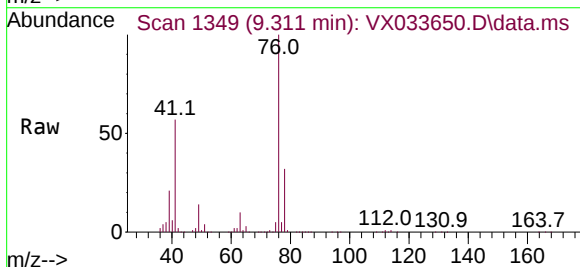
Acq: 07 Jan 2023 00:13

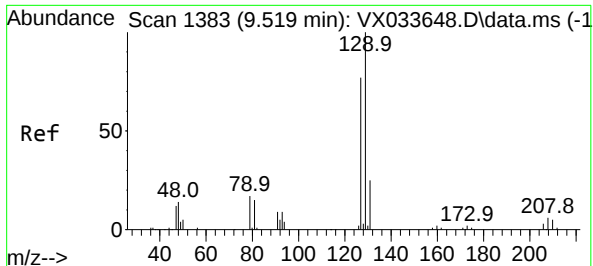
Tgt Ion: 76 Resp: 313605

Ion Ratio Lower Upper

76 100

78 32.2 0.0 64.6

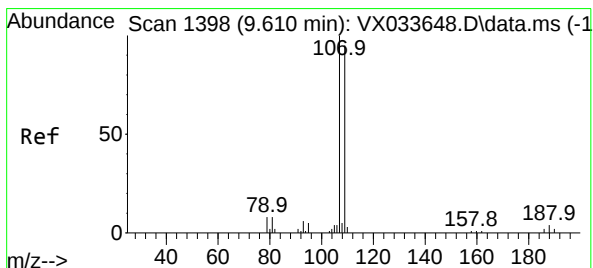
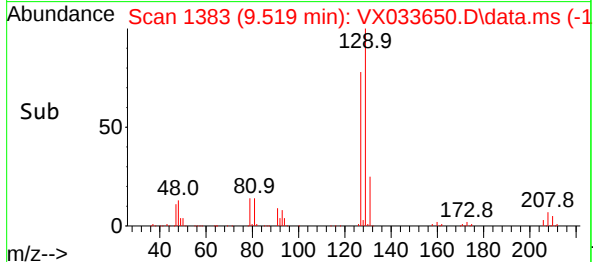
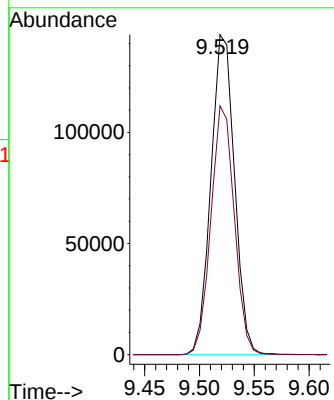
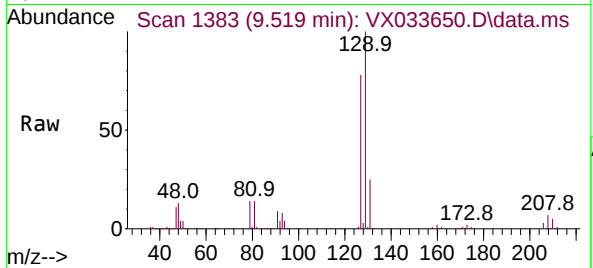




#53
Dibromochloromethane
Concen: 105.445 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

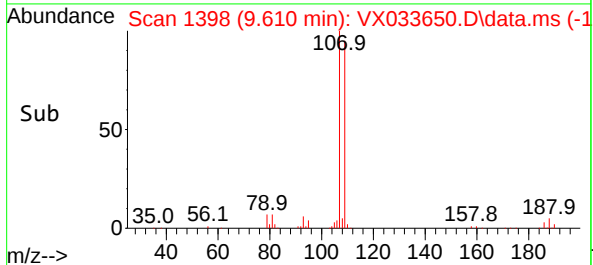
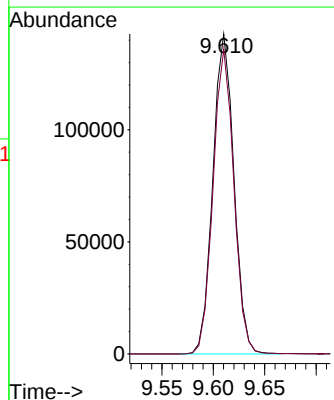
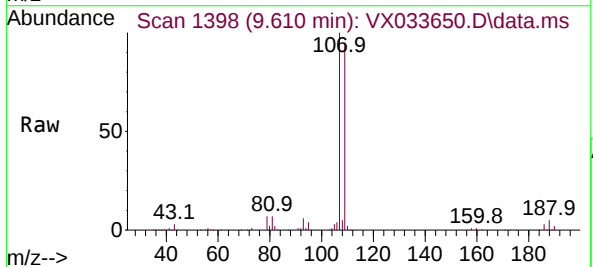
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

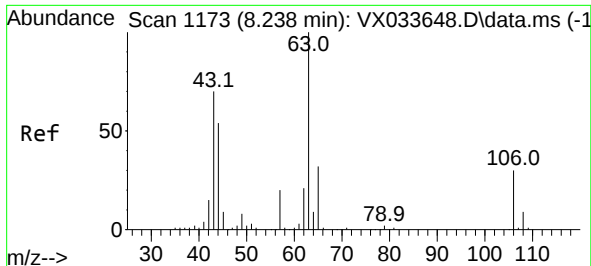
Tgt Ion:129 Resp: 215968
Ion Ratio Lower Upper
129 100
127 76.8 39.8 119.4



#54
1,2-Dibromoethane
Concen: 106.523 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

Tgt Ion:107 Resp: 202913
Ion Ratio Lower Upper
107 100
109 94.0 76.4 114.6

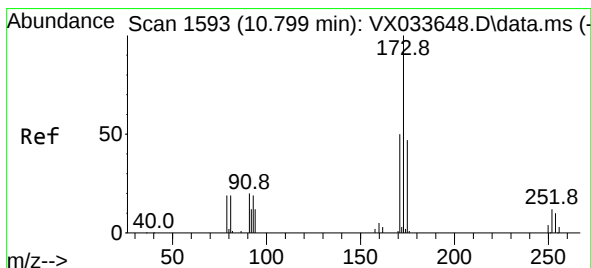
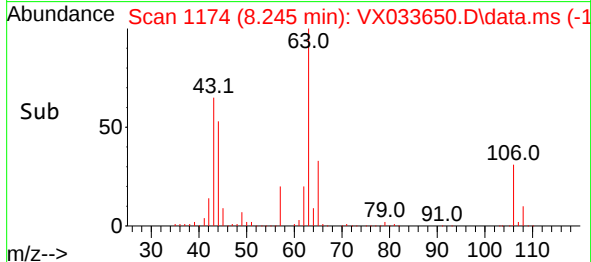
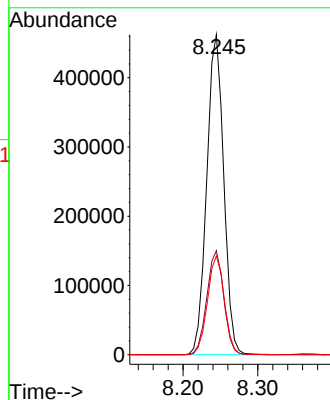
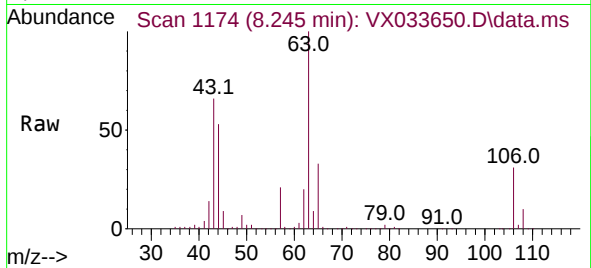




#55
2-Chloroethyl vinyl ether
Concen: 603.362 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

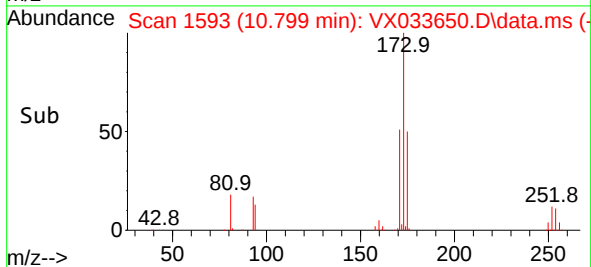
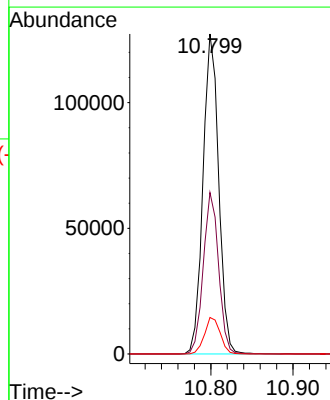
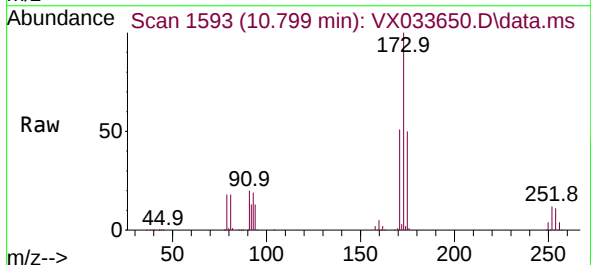
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

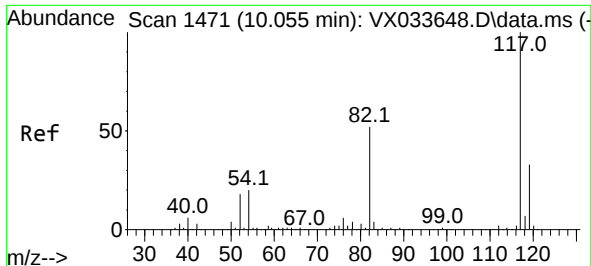
Tgt Ion: 63 Resp: 729208
Ion Ratio Lower Upper
63 100
65 32.3 26.2 39.4
106 30.7 24.0 36.0



#56
Bromoform
Concen: 112.403 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

Tgt Ion: 173 Resp: 168631
Ion Ratio Lower Upper
173 100
175 49.2 38.2 57.4
254 11.5 8.6 13.0





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033650.D

Acq: 07 Jan 2023 00:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

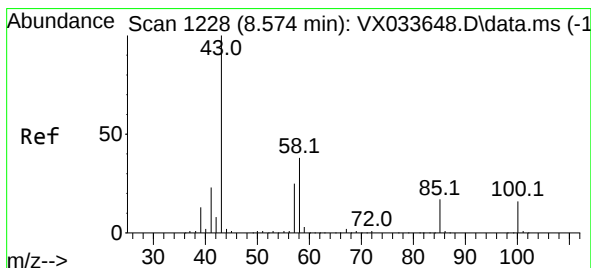
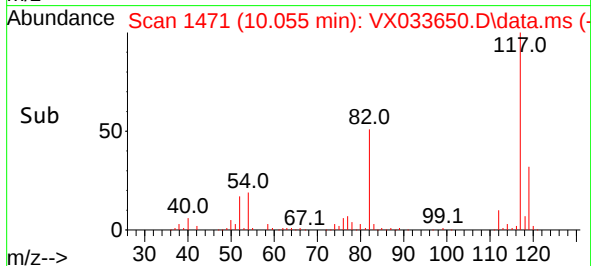
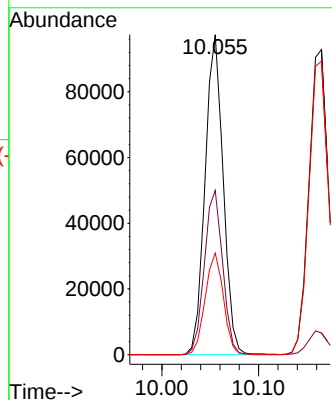
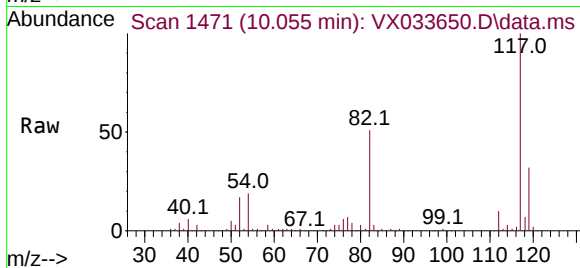
Tgt Ion:117 Resp: 127180

Ion Ratio Lower Upper

117 100

82 51.8 41.9 62.9

119 32.0 25.6 38.4



#58

4-Methyl-2-Pentanone

Concen: 577.225 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX033650.D

Acq: 07 Jan 2023 00:13

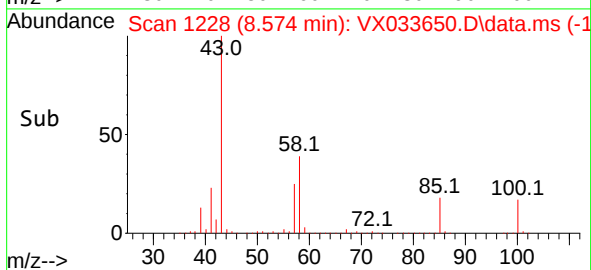
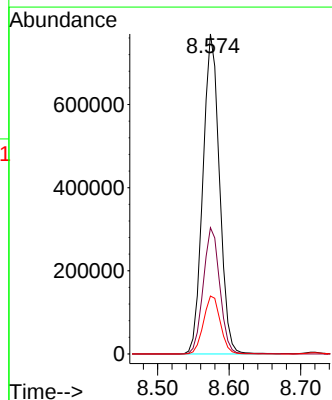
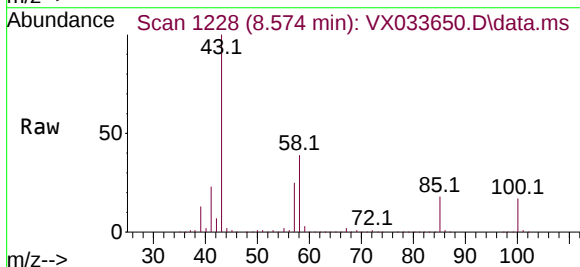
Tgt Ion: 43 Resp: 1238514

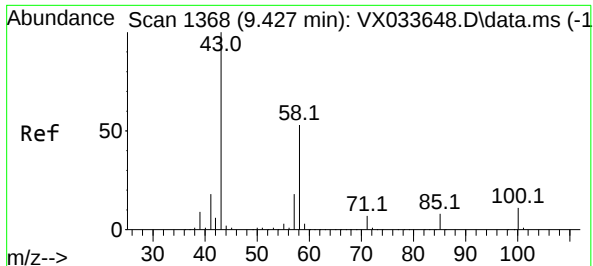
Ion Ratio Lower Upper

43 100

58 39.4 30.2 45.4

85 18.4 13.8 20.8





#59

2-Hexanone

Concen: 566.503 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX033650.D

Acq: 07 Jan 2023 00:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

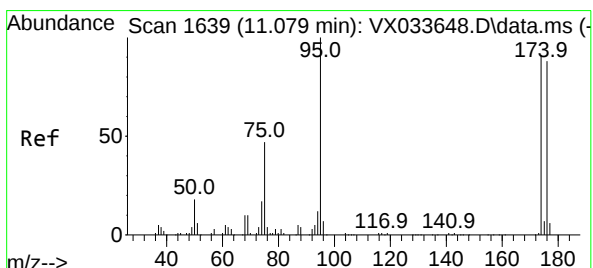
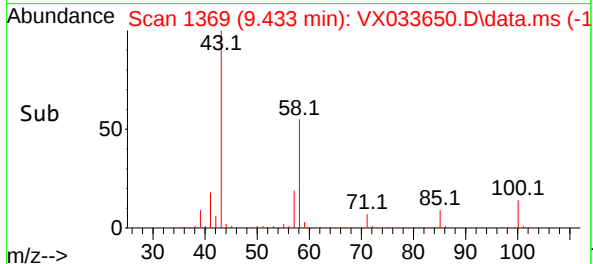
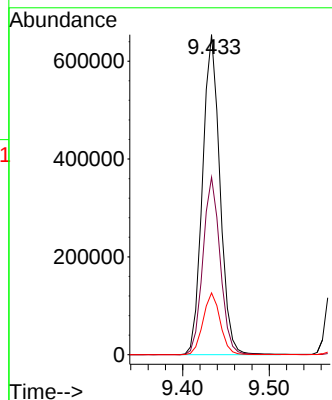
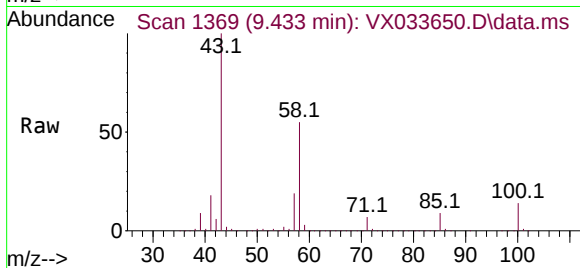
Tgt Ion: 43 Resp: 911461

Ion Ratio Lower Upper

43 100

58 55.0 42.9 64.3

57 19.1 15.0 22.6



#60

4-Bromofluorobenzene

Concen: 28.993 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033650.D

Acq: 07 Jan 2023 00:13

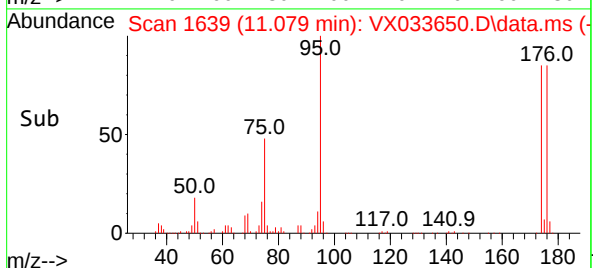
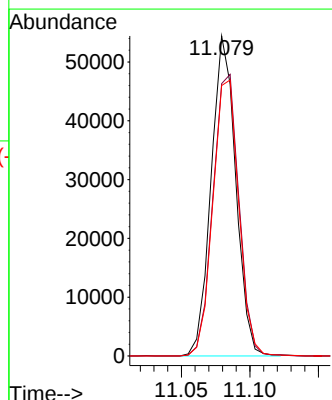
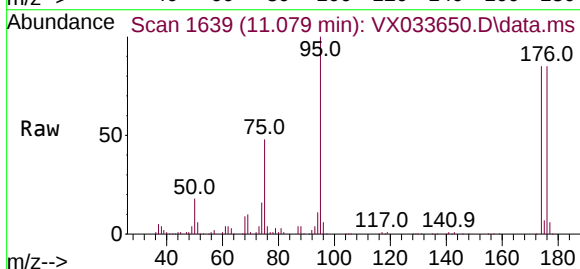
Tgt Ion: 95 Resp: 67890

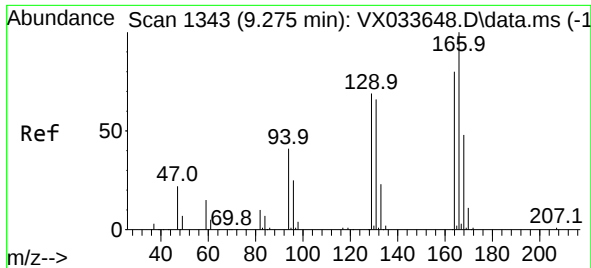
Ion Ratio Lower Upper

95 100

174 92.7 73.7 110.5

176 90.7 71.0 106.4

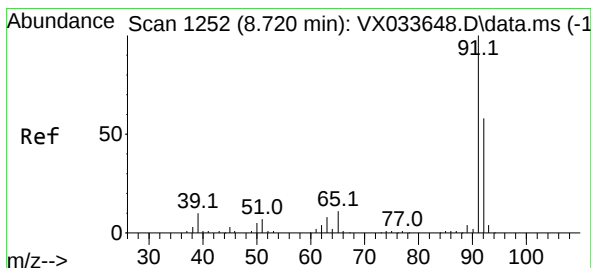
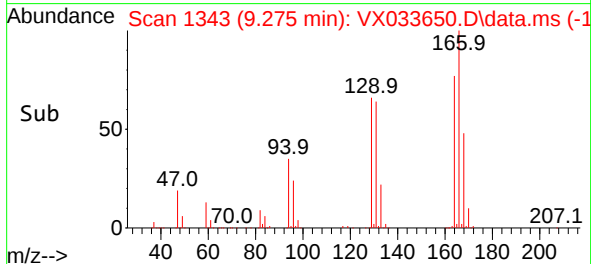
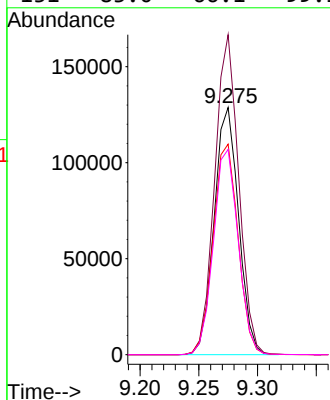
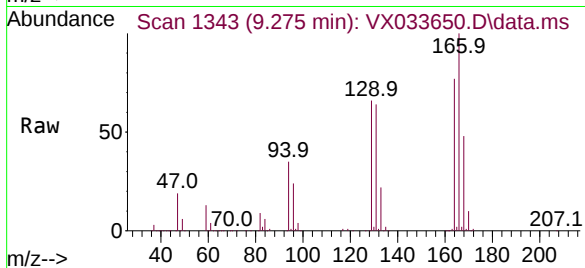




#61
Tetrachloroethene
Concen: 109.092 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

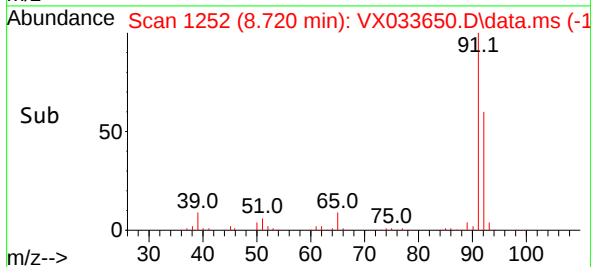
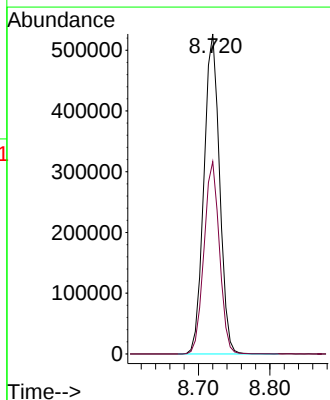
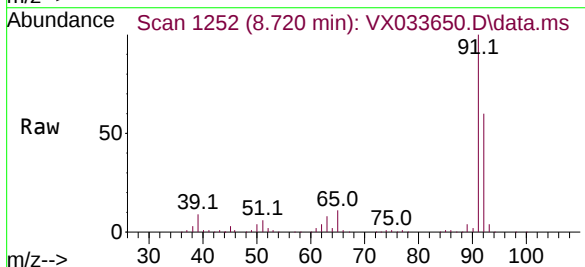
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

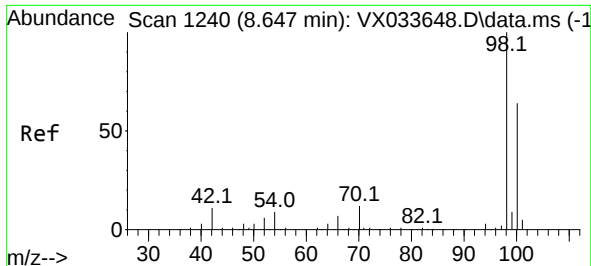
Tgt Ion:164 Resp: 186280
Ion Ratio Lower Upper
164 100
166 129.4 100.2 150.4
129 85.2 68.8 103.2
131 83.0 66.1 99.1



#62
Toluene
Concen: 103.735 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

Tgt Ion: 91 Resp: 800778
Ion Ratio Lower Upper
91 100
92 59.2 45.8 68.8

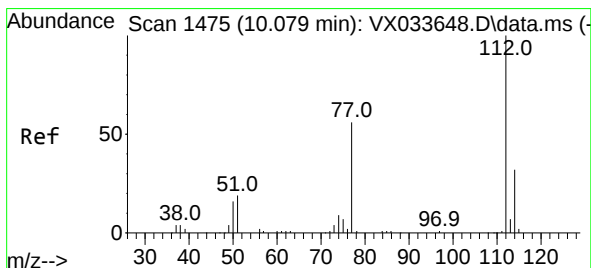
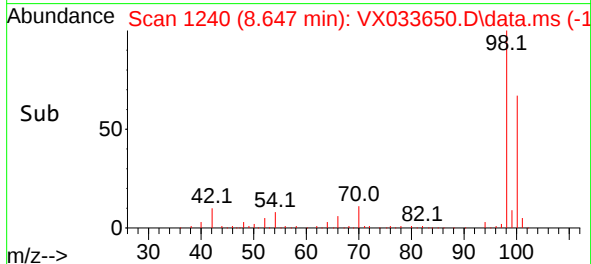
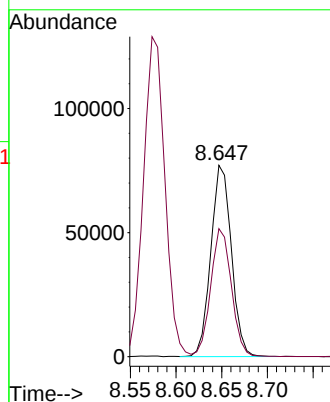
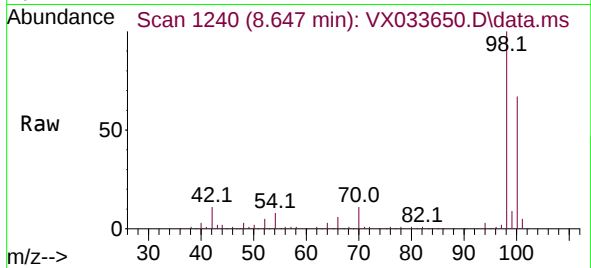




#63
Toluene-d8
Concen: 28.703 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

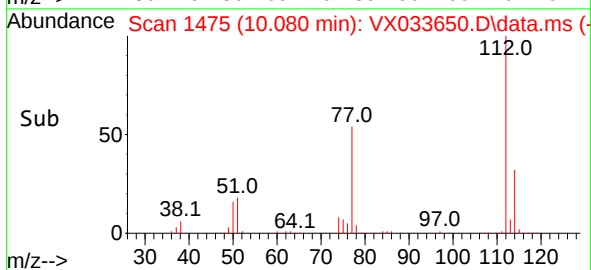
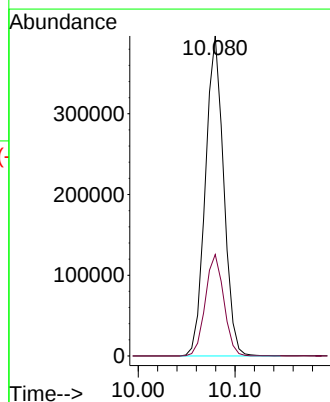
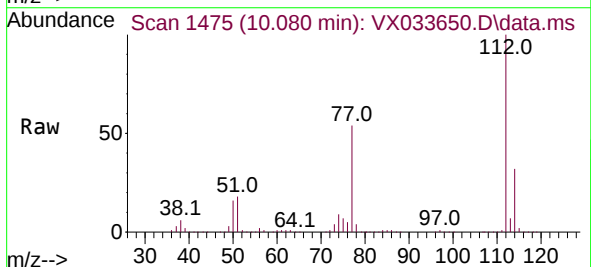
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

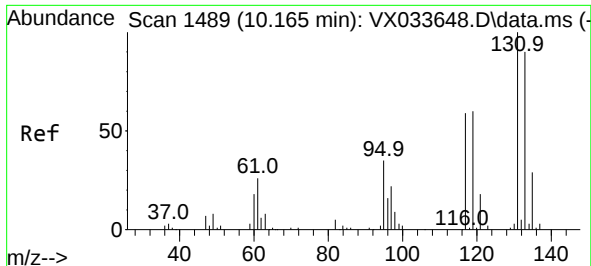
Tgt Ion: 98 Resp: 120446
Ion Ratio Lower Upper
98 100
100 67.0 53.1 79.7



#64
Chlorobenzene
Concen: 106.561 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

Tgt Ion: 112 Resp: 521895
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4

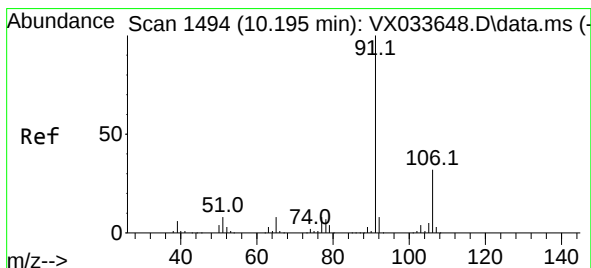
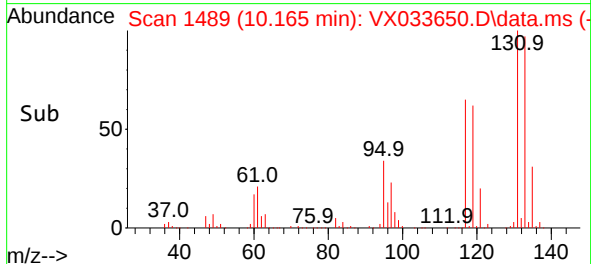
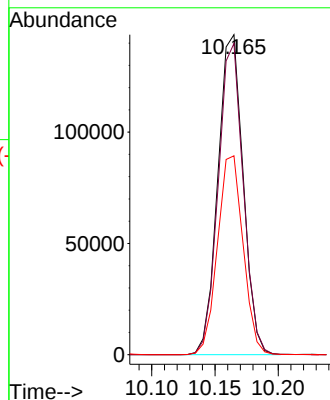
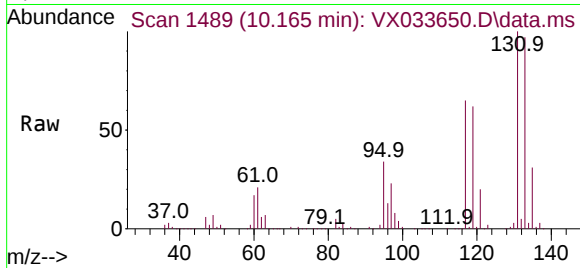




#65
 1,1,1,2-Tetrachloroethane
 Concen: 104.479 ug/l
 RT: 10.165 min Scan# 1489
 Delta R.T. 0.000 min
 Lab File: VX033650.D
 Acq: 07 Jan 2023 00:13

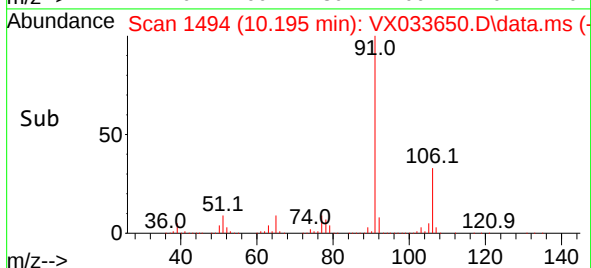
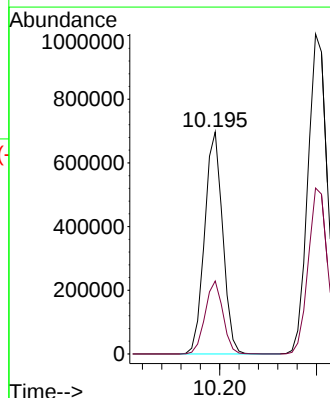
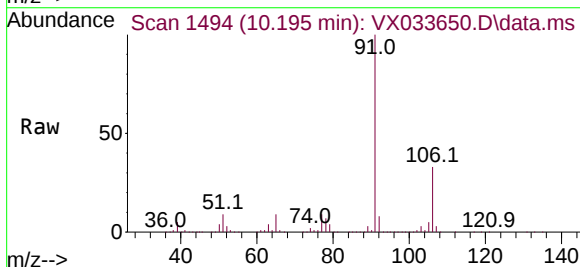
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

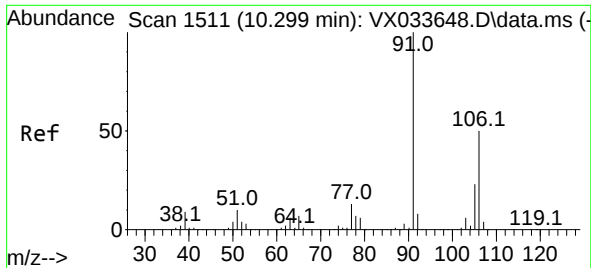
Tgt Ion:131 Resp: 199705
 Ion Ratio Lower Upper
 131 100
 133 96.1 0.0 187.6
 119 63.0 0.0 124.0



#66
 Ethyl Benzene
 Concen: 104.527 ug/l
 RT: 10.195 min Scan# 1494
 Delta R.T. 0.000 min
 Lab File: VX033650.D
 Acq: 07 Jan 2023 00:13

Tgt Ion: 91 Resp: 907135
 Ion Ratio Lower Upper
 91 100
 106 32.8 25.2 37.8

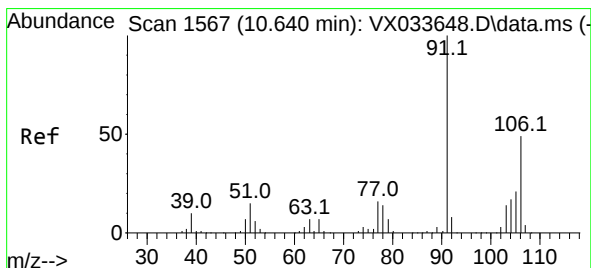
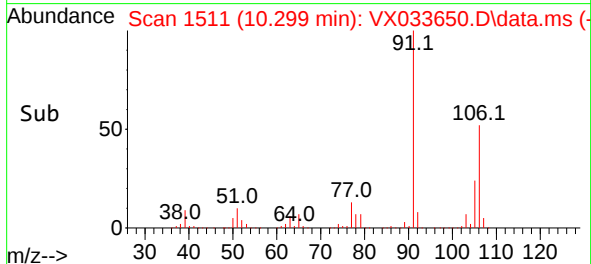
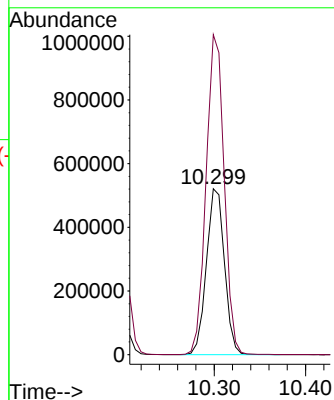
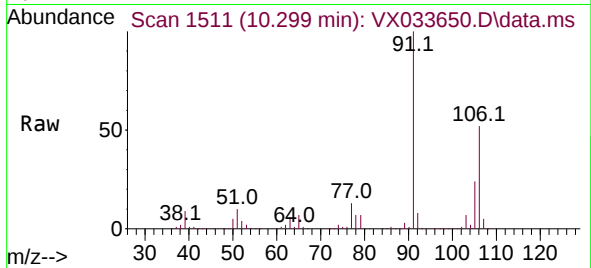




#67
m/p-Xylenes
Concen: 209.674 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

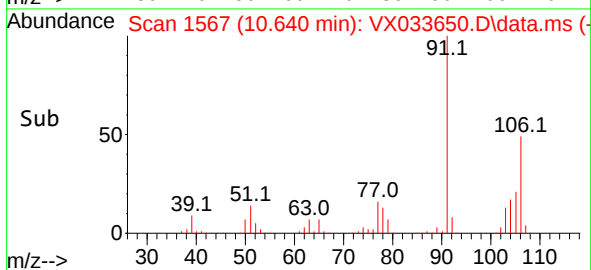
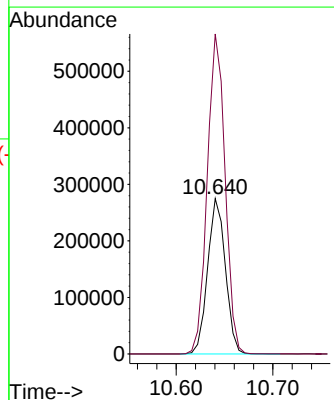
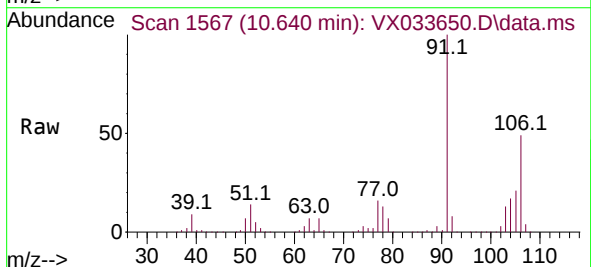
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

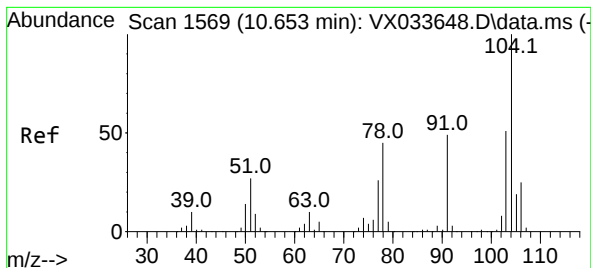
Tgt Ion:106 Resp: 715166
Ion Ratio Lower Upper
106 100
91 193.4 157.3 235.9



#68
o-Xylene
Concen: 105.710 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

Tgt Ion:106 Resp: 351220
Ion Ratio Lower Upper
106 100
91 206.5 104.6 313.8





#69

Styrene

Concen: 106.083 ug/l

RT: 10.653 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033650.D

Acq: 07 Jan 2023 00:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

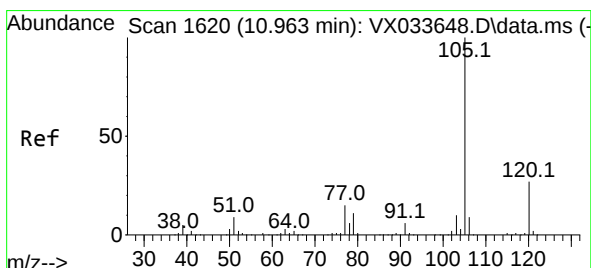
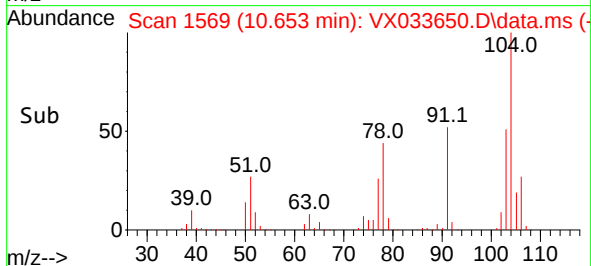
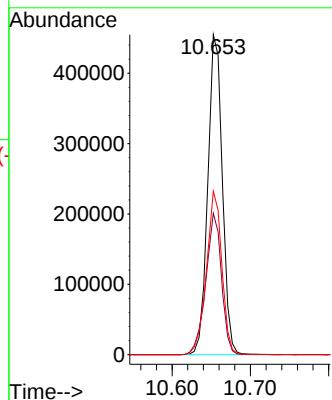
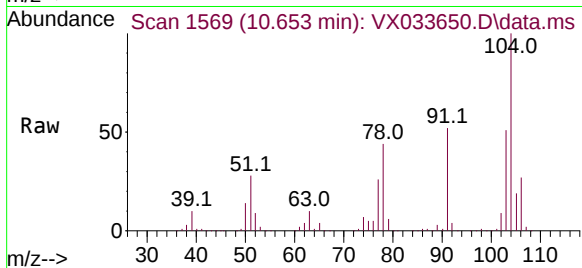
Tgt Ion:104 Resp: 584657

Ion Ratio Lower Upper

104 100

78 47.7 39.3 58.9

103 54.2 43.2 64.8



#70

Isopropylbenzene

Concen: 103.373 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX033650.D

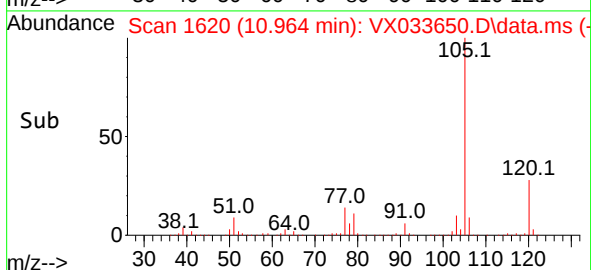
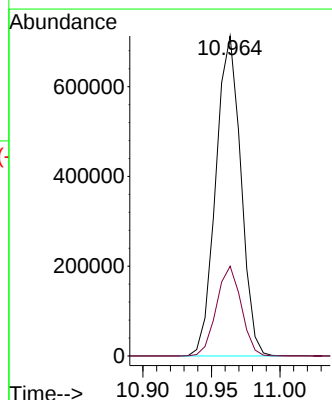
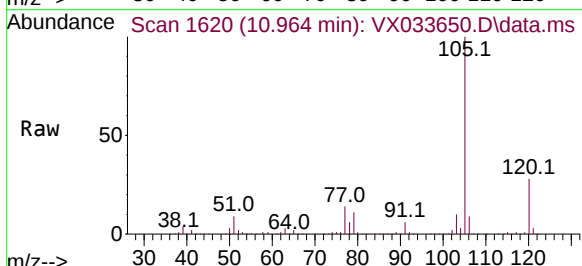
Acq: 07 Jan 2023 00:13

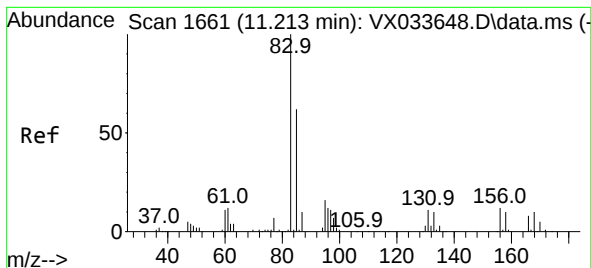
Tgt Ion:105 Resp: 906320

Ion Ratio Lower Upper

105 100

120 27.6 18.7 34.7





#71

1,1,2,2-Tetrachloroethane

Concen: 102.475 ug/l

RT: 11.214 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033650.D

Acq: 07 Jan 2023 00:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

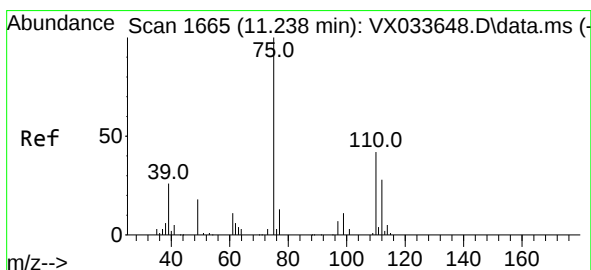
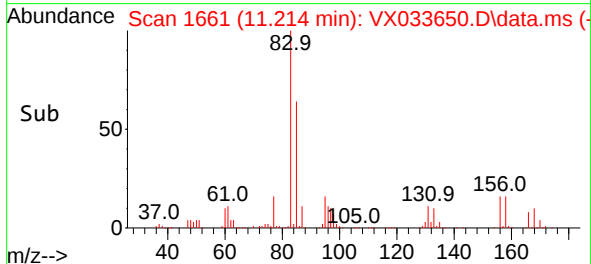
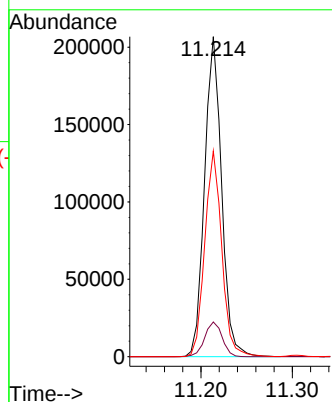
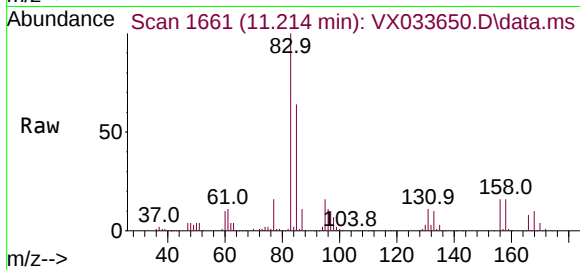
Tgt Ion: 83 Resp: 267284

Ion Ratio Lower Upper

83 100

131 11.2 5.4 16.2

85 64.1 32.4 97.0



#72

1,2,3-Trichloropropane

Concen: 127.384 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX033650.D

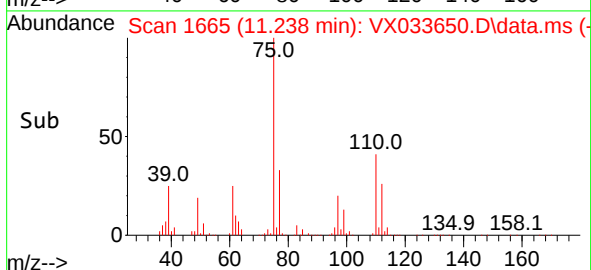
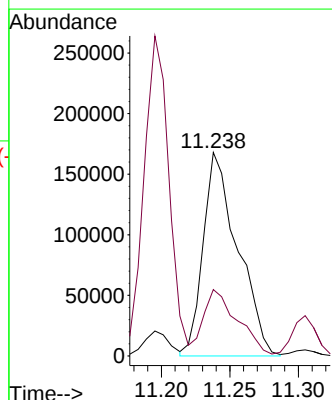
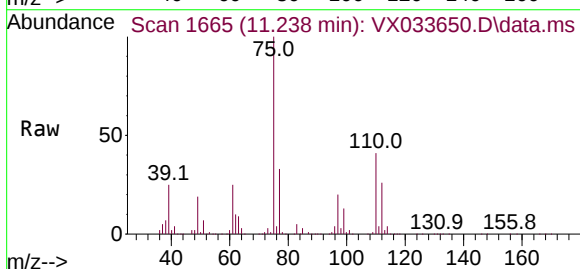
Acq: 07 Jan 2023 00:13

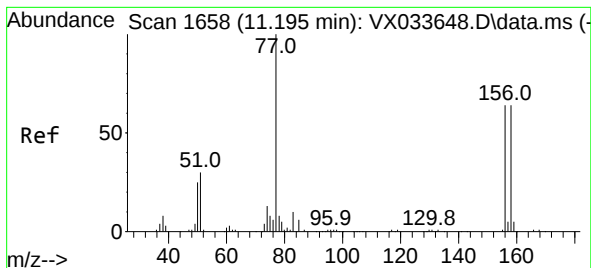
Tgt Ion: 75 Resp: 294832

Ion Ratio Lower Upper

75 100

77 32.5 0.0 74.6





#73

Bromobenzene

Concen: 109.257 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033650.D

Acq: 07 Jan 2023 00:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

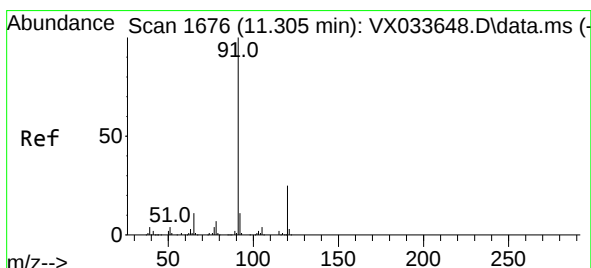
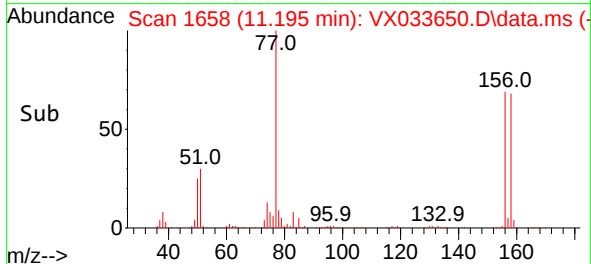
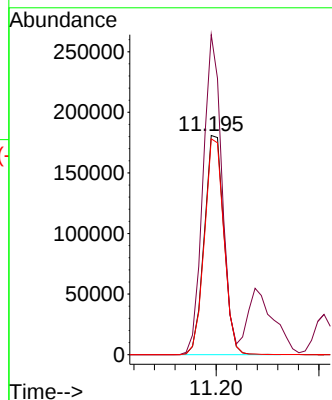
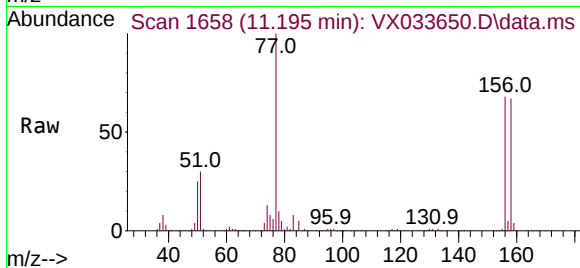
Tgt Ion:156 Resp: 240353

Ion Ratio Lower Upper

156 100

77 139.5 0.0 287.2

158 97.8 0.0 196.2



#74

n-propylbenzene

Concen: 102.771 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX033650.D

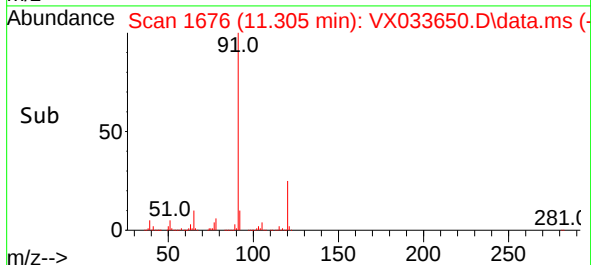
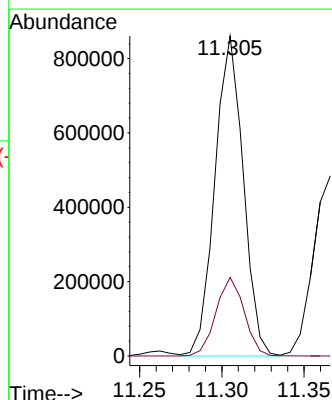
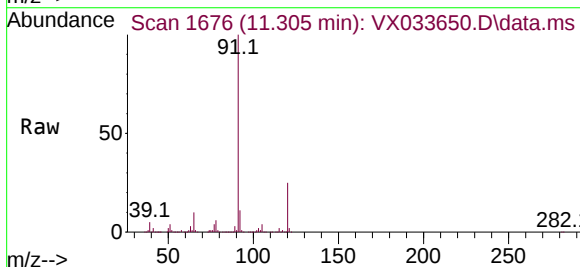
Acq: 07 Jan 2023 00:13

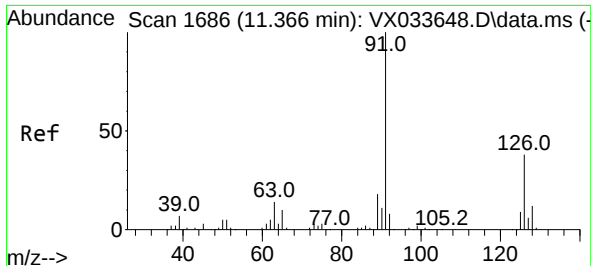
Tgt Ion: 91 Resp: 1030887

Ion Ratio Lower Upper

91 100

120 24.4 0.0 48.8

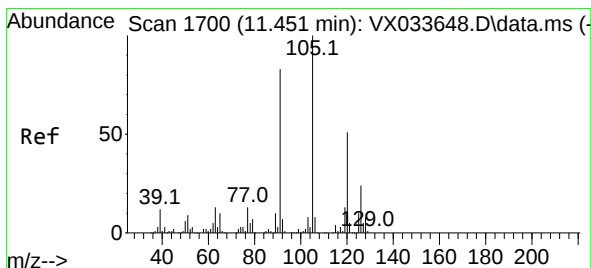
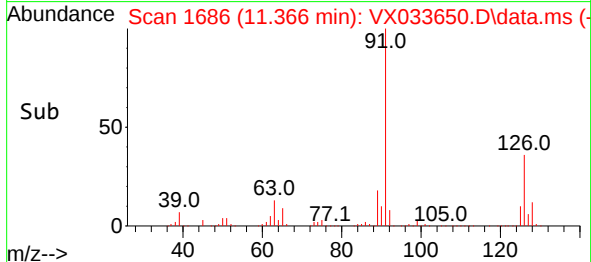
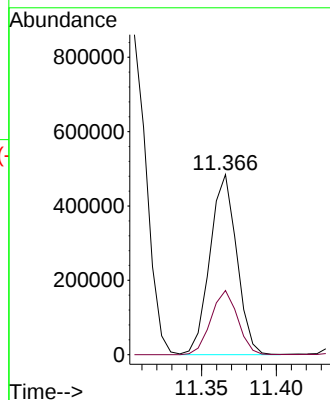
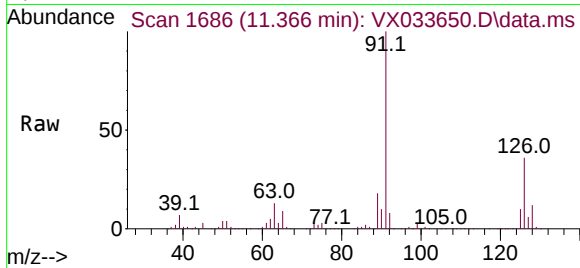




#75
2-Chlorotoluene
Concen: 100.387 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

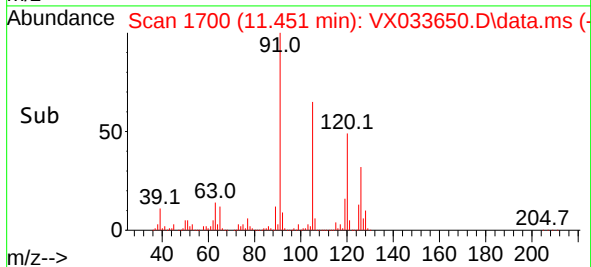
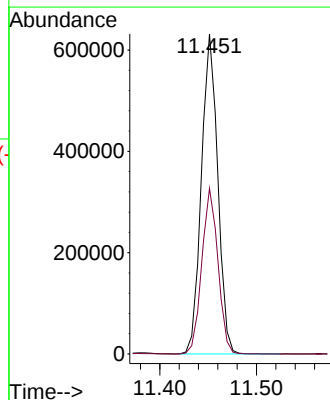
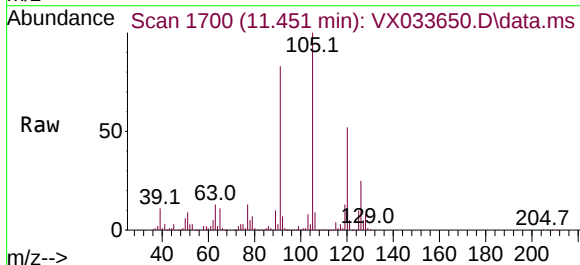
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

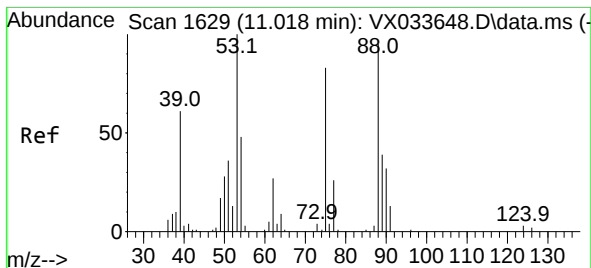
Tgt Ion: 91 Resp: 604557
Ion Ratio Lower Upper
91 100
126 35.5 0.0 72.0



#76
1,3,5-Trimethylbenzene
Concen: 100.978 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

Tgt Ion: 105 Resp: 742461
Ion Ratio Lower Upper
105 100
120 51.2 0.0 100.4

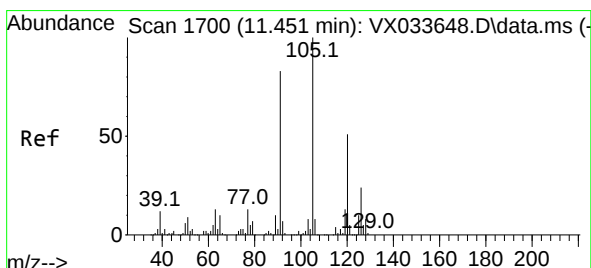
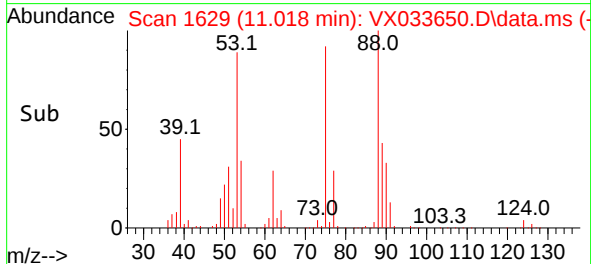
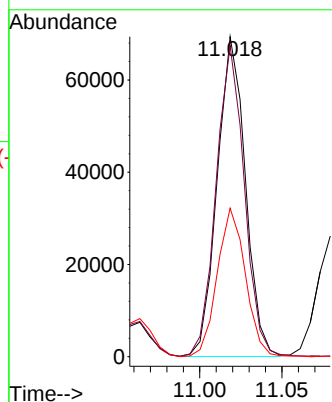
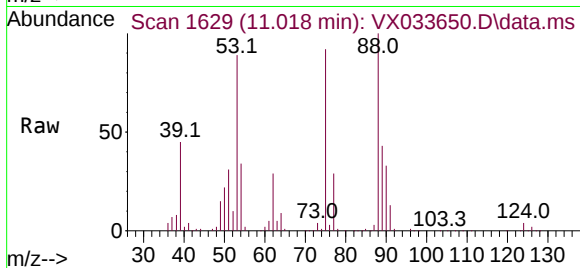




#77
t-1,4-Dichloro-2-butene
Concen: 110.604 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

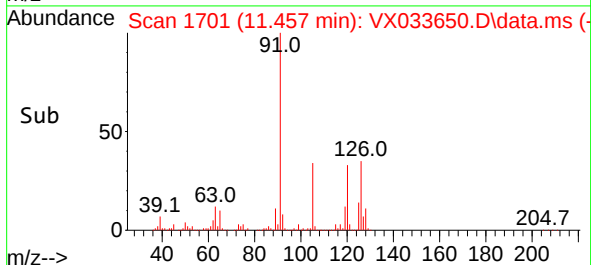
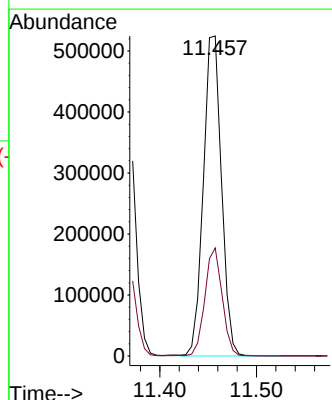
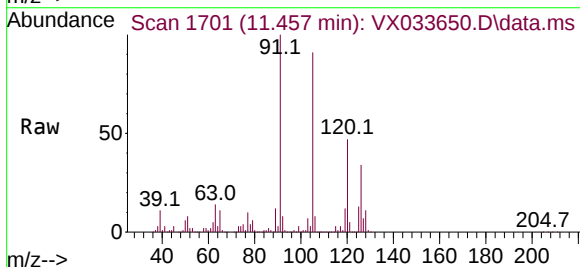
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

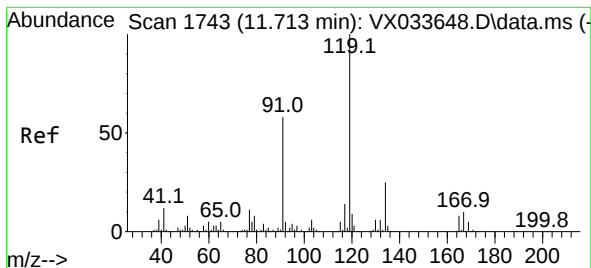
Tgt Ion: 75 Resp: 82533
Ion Ratio Lower Upper
75 100
53 97.3 60.2 180.6
89 46.5 23.2 69.6



#78
4-Chlorotoluene
Concen: 100.021 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

Tgt Ion: 91 Resp: 685983
Ion Ratio Lower Upper
91 100
126 32.1 0.0 63.6





#79

tert-butylbenzene

Concen: 104.638 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX033650.D

Acq: 07 Jan 2023 00:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

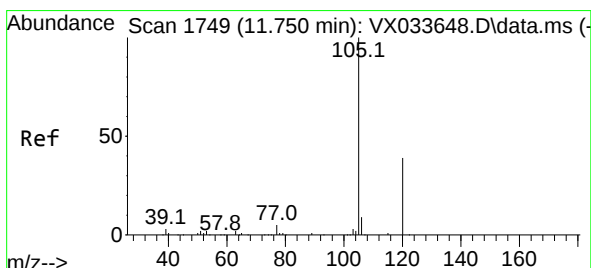
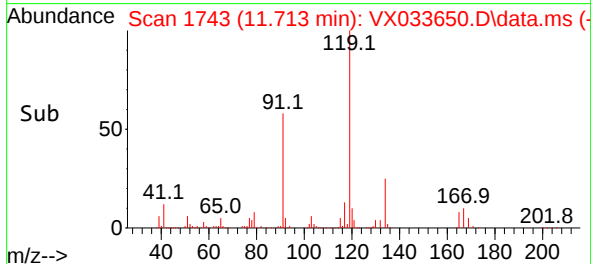
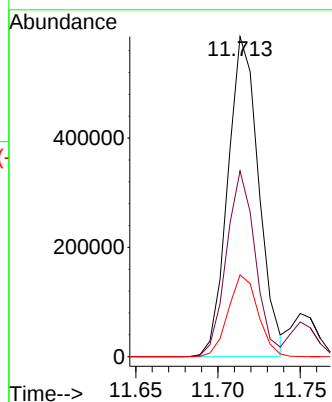
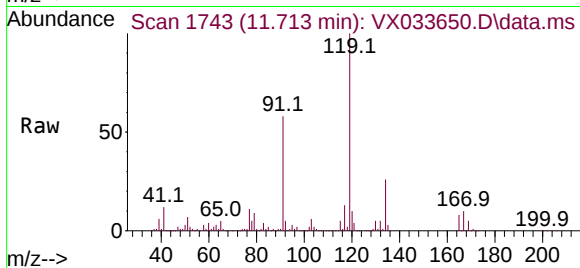
Tgt Ion:119 Resp: 767324

Ion Ratio Lower Upper

119 100

91 54.2 0.0 111.0

134 24.6 0.0 49.2



#80

1,2,4-Trimethylbenzene

Concen: 102.594 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX033650.D

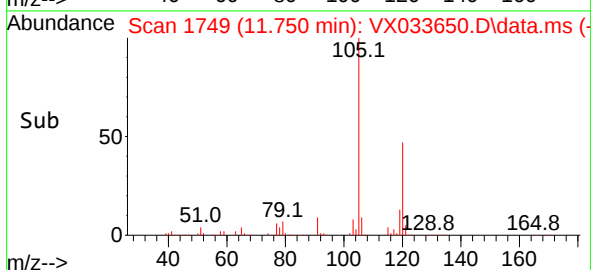
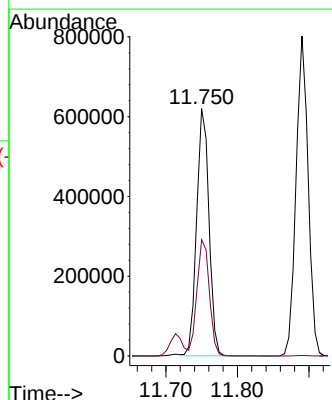
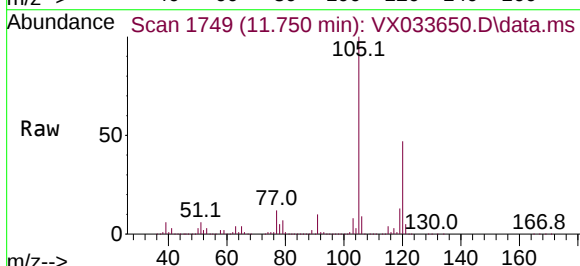
Acq: 07 Jan 2023 00:13

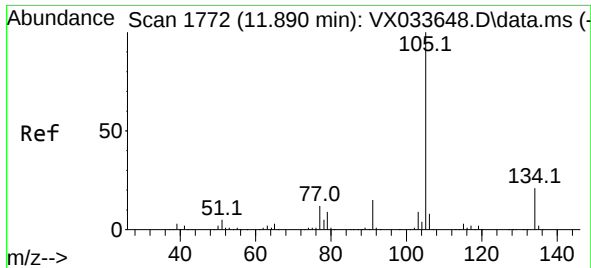
Tgt Ion:105 Resp: 741200

Ion Ratio Lower Upper

105 100

120 47.2 0.0 91.2

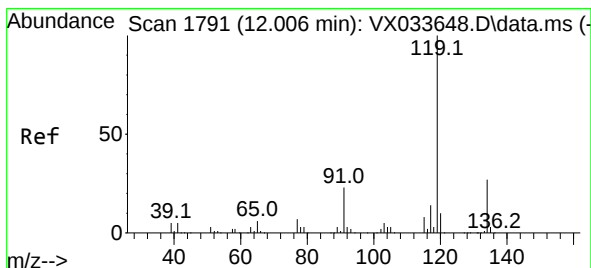
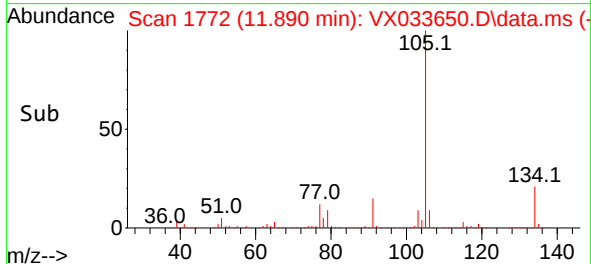
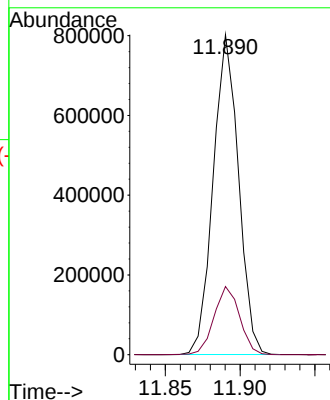
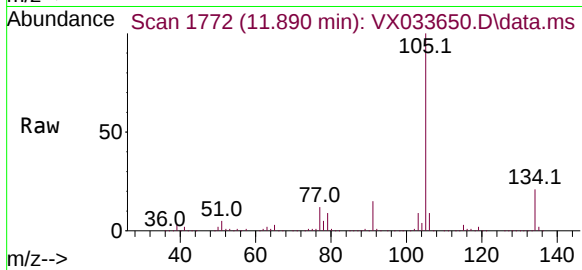




#81
 sec-Butylbenzene
 Concen: 106.737 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033650.D
 Acq: 07 Jan 2023 00:13

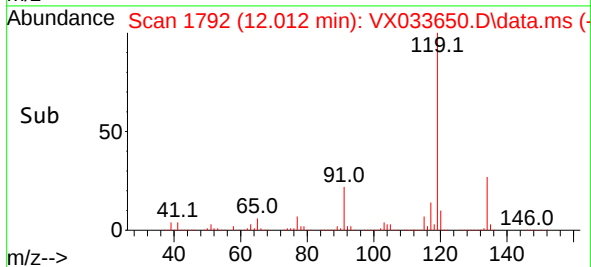
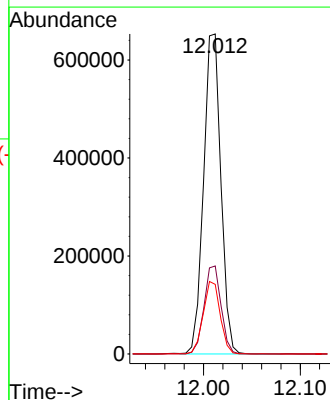
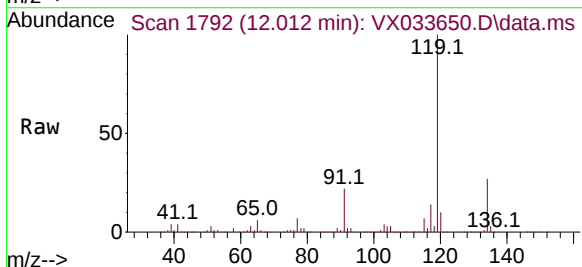
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

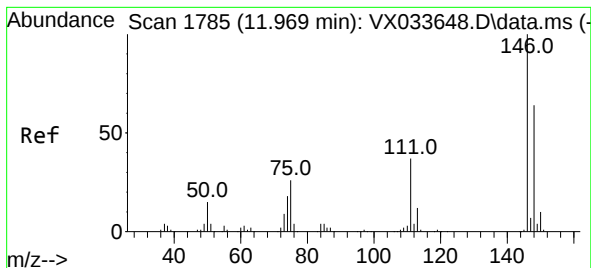
Tgt Ion:105 Resp: 941432
 Ion Ratio Lower Upper
 105 100
 134 21.6 0.0 43.2



#82
 p-Isopropyltoluene
 Concen: 108.089 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX033650.D
 Acq: 07 Jan 2023 00:13

Tgt Ion:119 Resp: 815227
 Ion Ratio Lower Upper
 119 100
 134 26.9 0.0 54.4
 91 22.2 0.0 45.2





#83

1,3-Dichlorobenzene

Concen: 109.477 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033650.D

Acq: 07 Jan 2023 00:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

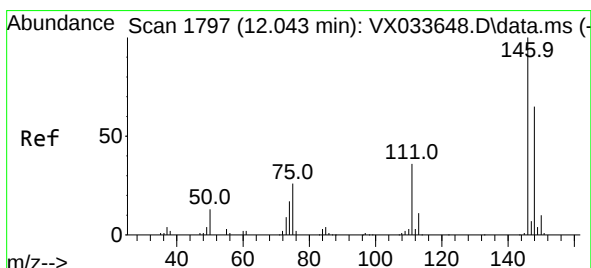
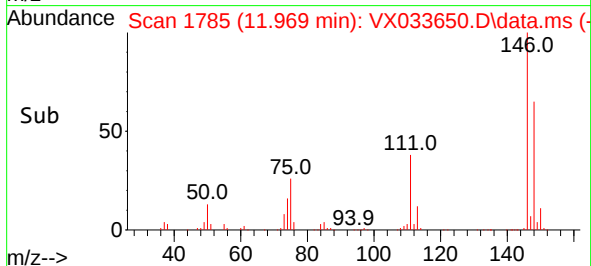
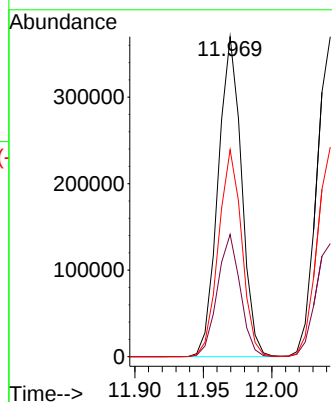
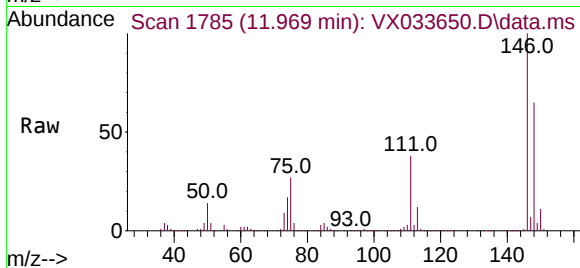
Tgt Ion:146 Resp: 440349

Ion Ratio Lower Upper

146 100

111 37.3 18.8 56.3

148 63.9 31.7 95.1



#84

1,4-Dichlorobenzene

Concen: 108.039 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX033650.D

Acq: 07 Jan 2023 00:13

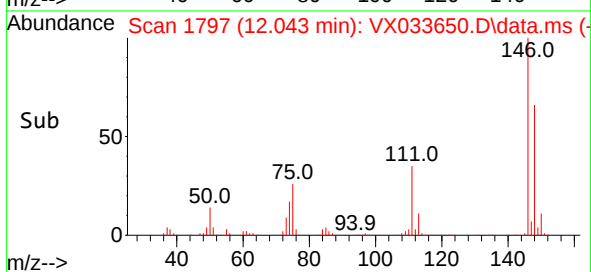
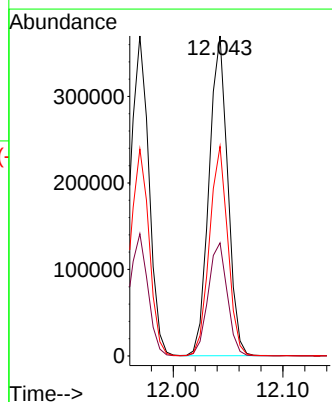
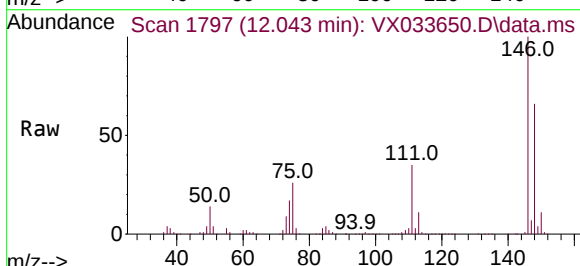
Tgt Ion:146 Resp: 437767

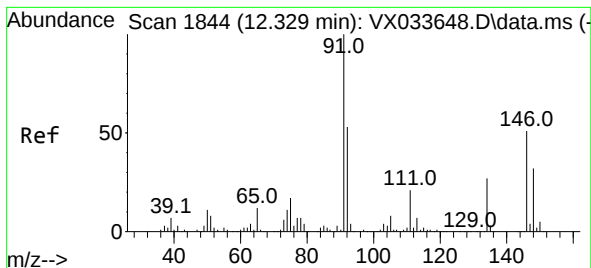
Ion Ratio Lower Upper

146 100

111 36.1 18.3 54.9

148 64.5 31.9 95.7





#85

n-Butylbenzene

Concen: 108.079 ug/l

RT: 12.329 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033650.D

Acq: 07 Jan 2023 00:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

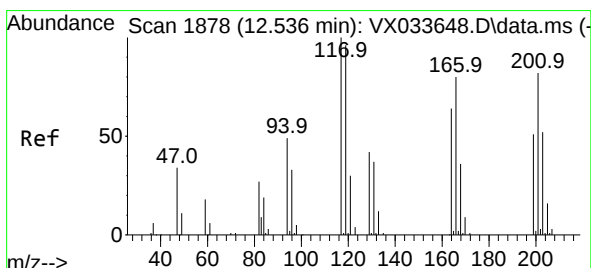
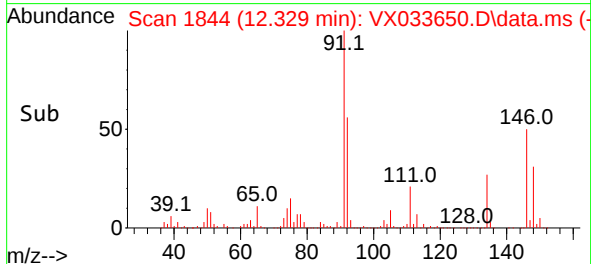
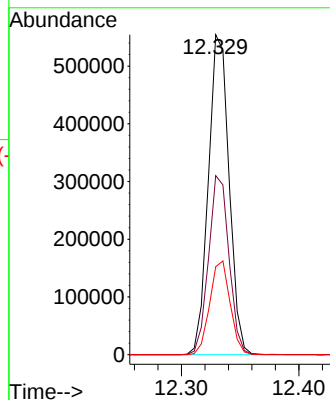
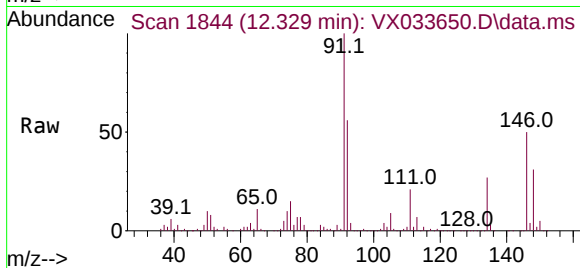
Tgt Ion: 91 Resp: 678133

Ion Ratio Lower Upper

91 100

92 55.3 0.0 108.2

134 28.9 0.0 55.4



#86

Hexachloroethane

Concen: 107.424 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX033650.D

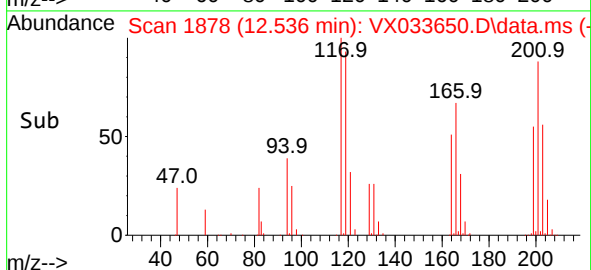
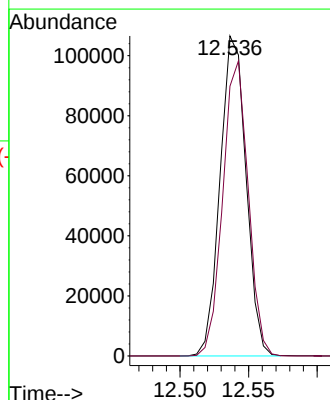
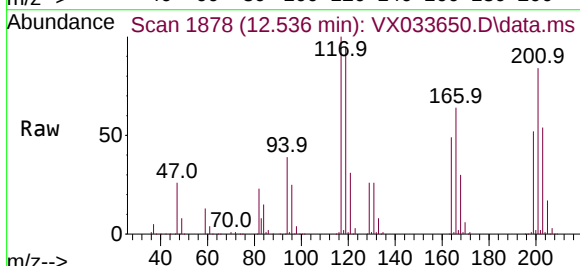
Acq: 07 Jan 2023 00:13

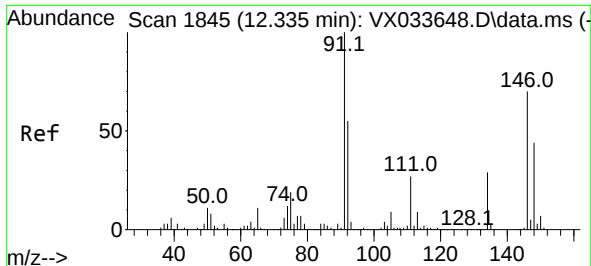
Tgt Ion: 117 Resp: 140235

Ion Ratio Lower Upper

117 100

201 90.2 45.0 135.0

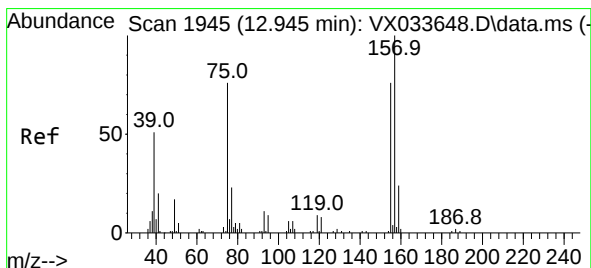
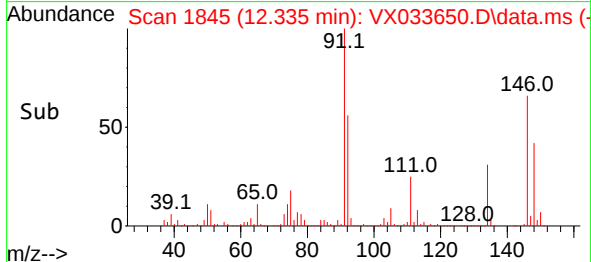
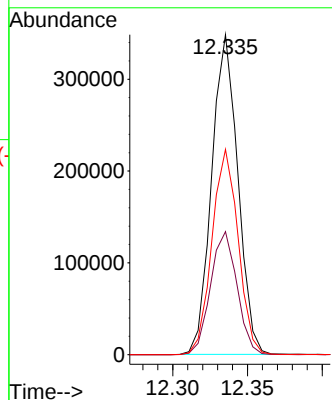
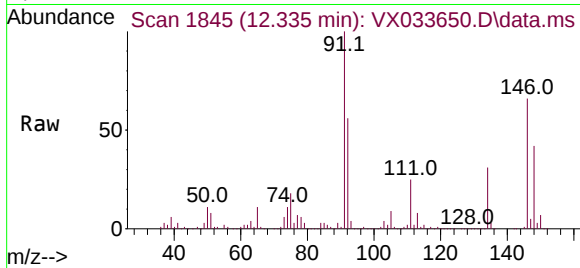




#87
1,2-Dichlorobenzene
Concen: 107.422 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

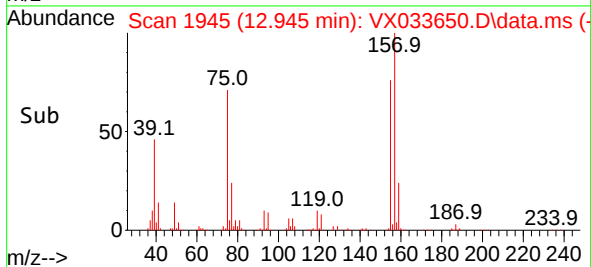
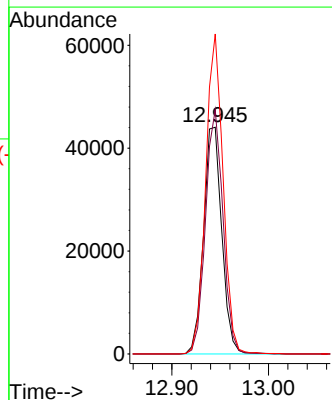
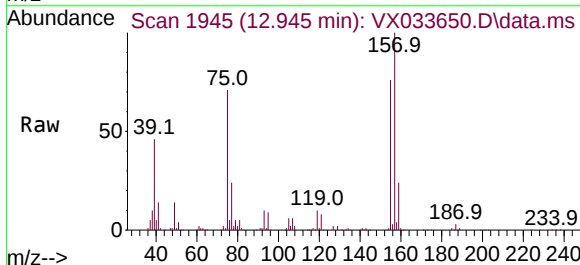
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

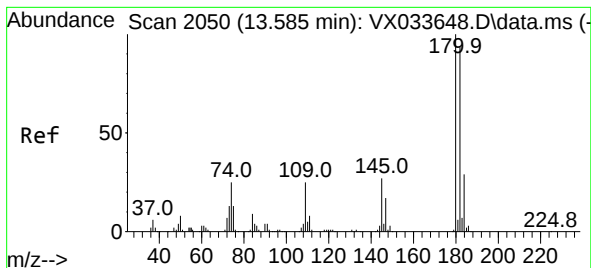
Tgt Ion:146 Resp: 423431
Ion Ratio Lower Upper
146 100
111 39.1 19.7 59.0
148 64.1 31.9 95.9



#88
1,2-Dibromo-3-Chloropropane
Concen: 104.013 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

Tgt Ion: 75 Resp: 58012
Ion Ratio Lower Upper
75 100
155 103.4 77.6 116.4
157 134.0 98.0 147.0





#89

1,2,4-Trichlorobenzene

Concen: 121.322 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX033650.D

Acq: 07 Jan 2023 00:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

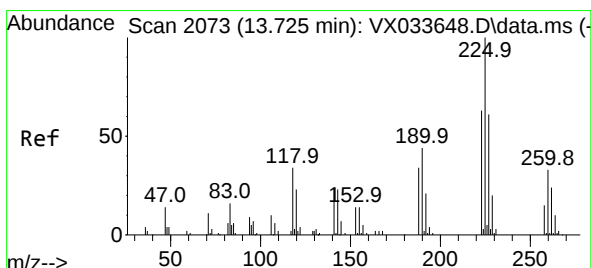
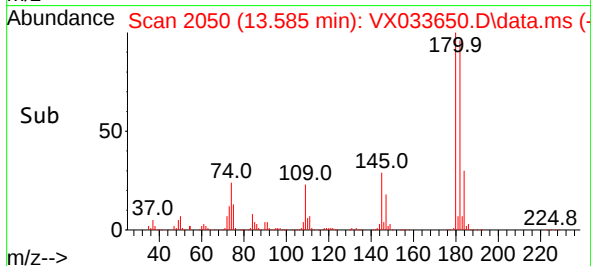
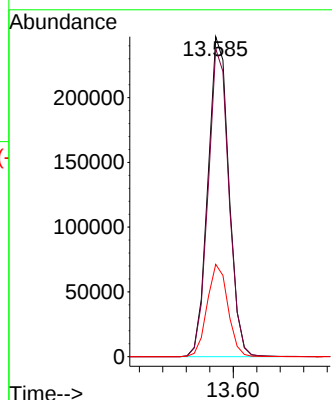
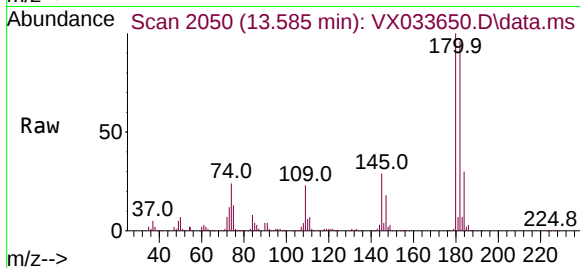
Tgt Ion:180 Resp: 304967

Ion Ratio Lower Upper

180 100

182 95.6 76.7 115.1

145 28.6 21.8 32.6



#90

Hexachlorobutadiene

Concen: 131.089 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX033650.D

Acq: 07 Jan 2023 00:13

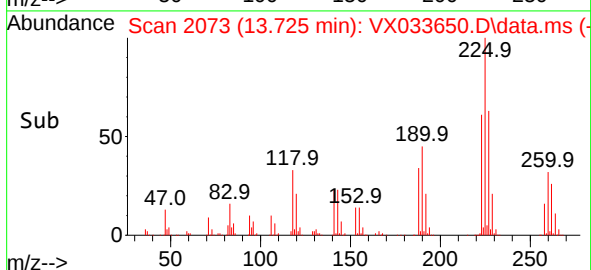
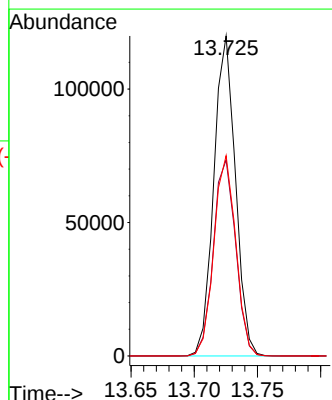
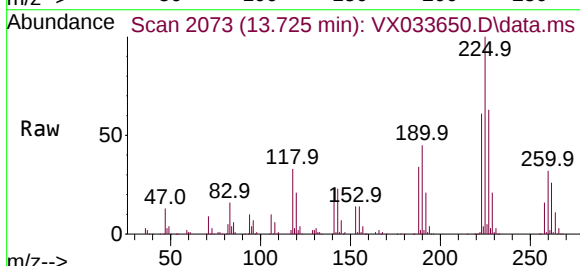
Tgt Ion:225 Resp: 142472

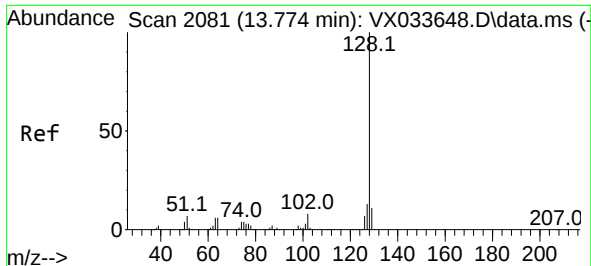
Ion Ratio Lower Upper

225 100

223 63.0 0.0 127.0

227 63.3 0.0 123.0

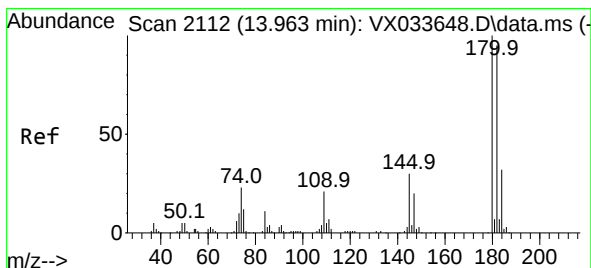
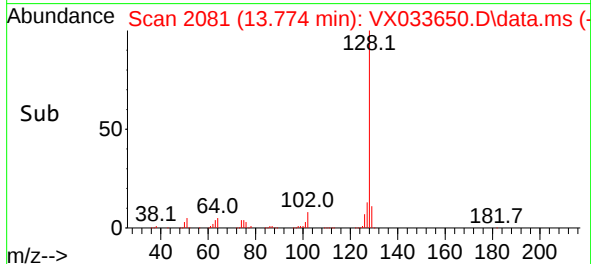
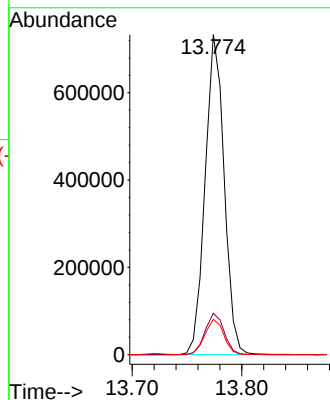
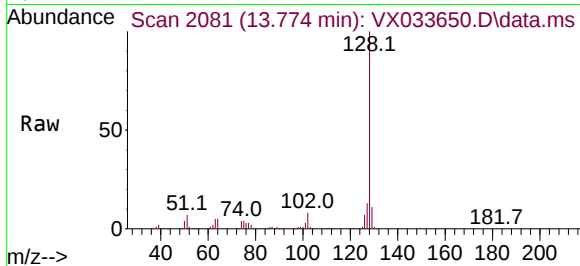




#91
Naphthalene
Concen: 110.706 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 882635
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.1 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 120.126 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033650.D
Acq: 07 Jan 2023 00:13

Tgt Ion:180 Resp: 301355
Ion Ratio Lower Upper
180 100
182 95.3 0.0 191.2
145 30.2 0.0 60.4

