

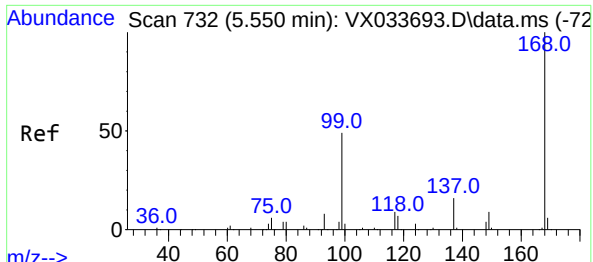
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011923\
 Data File : VX033810.D
 Acq On : 19 Jan 2023 18:39
 Operator : JC/MD
 Sample : 01217-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 20 05:24:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

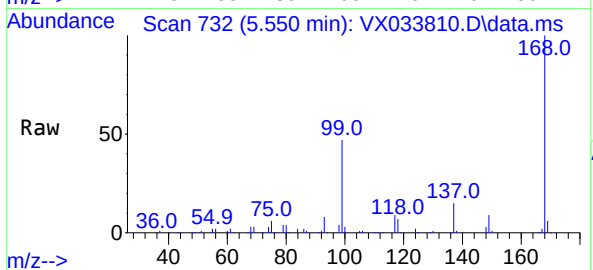
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	169853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	249002	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82707	46.246	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.500%
35) Dibromofluoromethane	5.385	113	75565	48.872	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.740%
50) Toluene-d8	8.647	98	282630	50.169	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.340%
62) 4-Bromofluorobenzene	11.079	95	99704	47.668	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.340%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1208	3.888	ug/l #	86
16) Acetone	2.386	43	23369	24.796	ug/l	94
17) Carbon Disulfide	2.514	76	79	1.844	ug/l #	76
18) Methyl Acetate	2.703	43	2204	0.883	ug/l	94
20) Methylene Chloride	2.788	84	5126	0.833	ug/l	93
25) 2-Butanone	4.580	43	3349	2.866	ug/l #	83
29) Tetrahydrofuran	5.038	42	169	0.229	ug/l #	34
31) Cyclohexane	5.550	56	2564	0.974	ug/l #	22
36) 1,1-Dichloropropene	5.556	75	10204	4.522	ug/l #	49
37) Ethyl Acetate	4.721	43	24720	9.146	ug/l	99
38) Carbon Tetrachloride	5.550	117	14915	6.382	ug/l #	14
43) Isopropyl Acetate	6.336	43	106053	29.770	ug/l	99
48) Methyl methacrylate	7.793	41	89354	49.793	ug/l #	44
49) 1,4-Dioxane	7.793	88	152	3.829	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	79453	36.316	ug/l #	50
53) t-1,3-Dichloropropene	8.952	75	718	0.324	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	38183	15.363	ug/l #	60
57) 1,3-Dichloropropane	9.482	76	5103	1.872	ug/l #	43
59) 2-Hexanone	9.482	43	65938	43.301	ug/l #	51
73) Isopropylbenzene	11.079	105	95	Below Cal	#	48
74) N-amyl acetate	10.640	43	24707	8.824	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	45886	23.422	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	45886	72.794	ug/l #	8

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

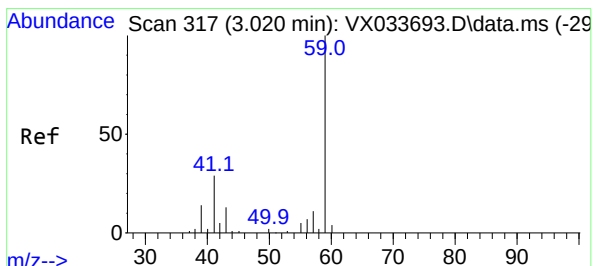
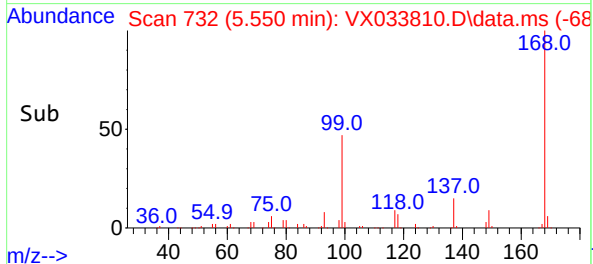
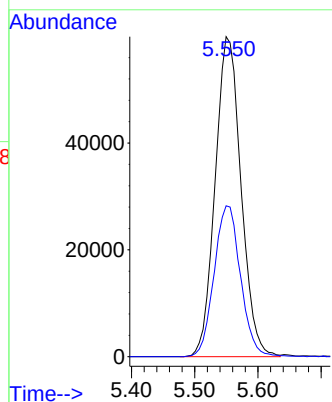


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033810.D
Acq: 19 Jan 2023 18:39

Instrument :
MSVOA_X
ClientSampleId :

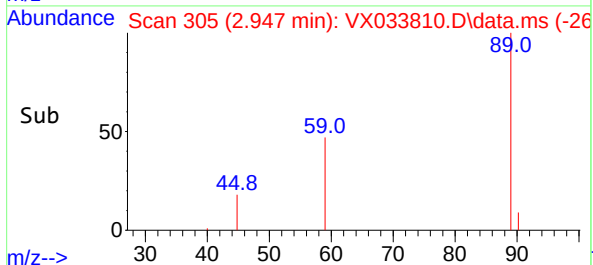
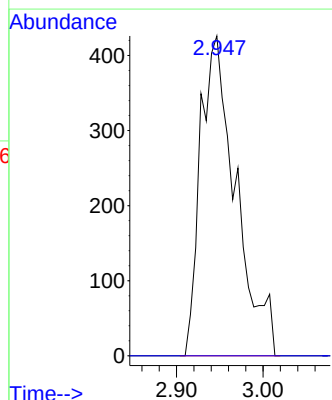
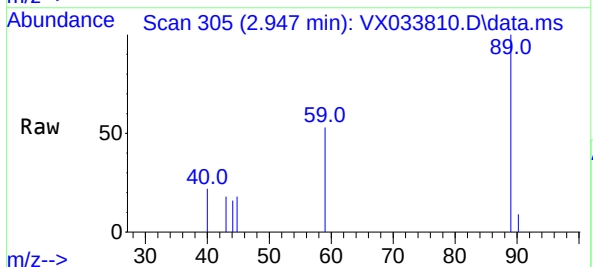


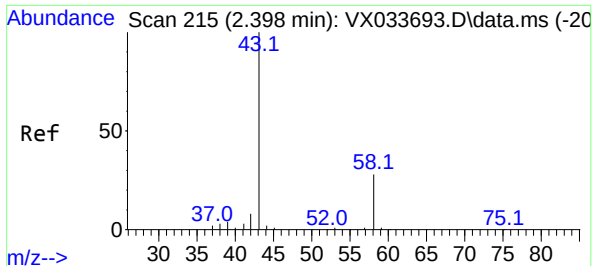
Tgt Ion:168 Resp: 169853
Ion Ratio Lower Upper
168 100
99 47.1 39.6 59.4



#11
Tert butyl alcohol
Concen: 3.888 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.073 min
Lab File: VX033810.D
Acq: 19 Jan 2023 18:39

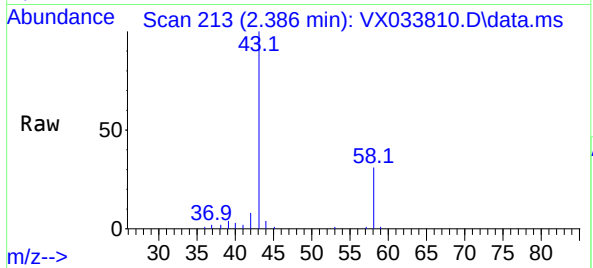
Tgt Ion: 59 Resp: 1208
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#



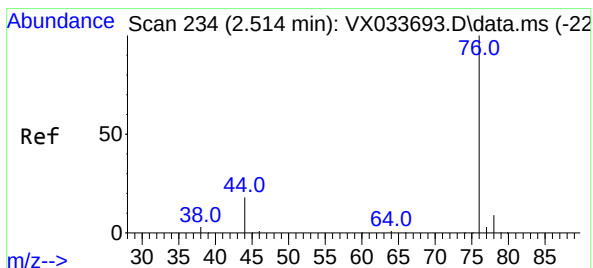
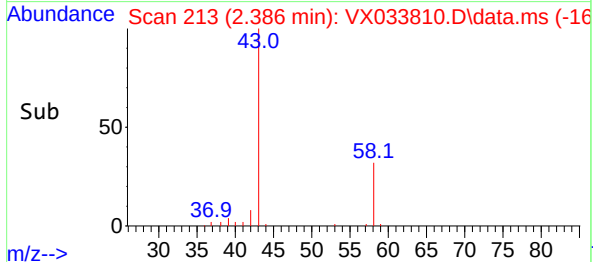
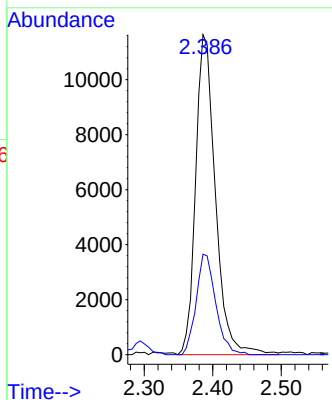


#16
Acetone
Concen: 24.796 ug/l
RT: 2.386 min Scan# 215
Delta R.T. -0.012 min
Lab File: VX033810.D
Acq: 19 Jan 2023 18:39

Instrument :
MSVOA_X
ClientSampleId :

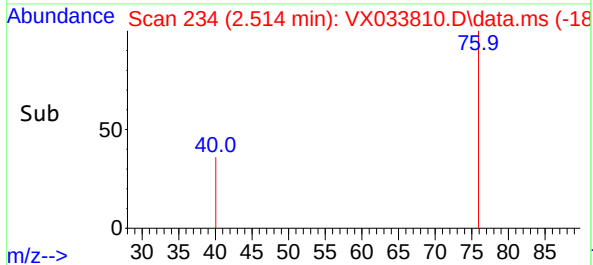
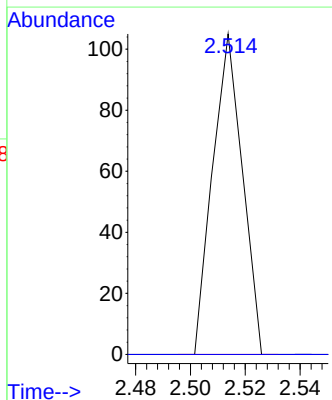
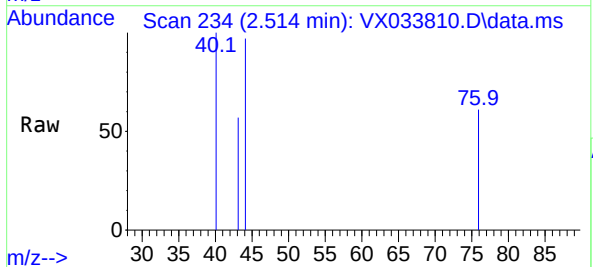


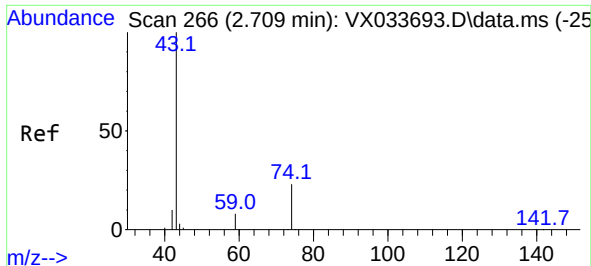
Tgt Ion: 43 Resp: 23369
Ion Ratio Lower Upper
43 100
58 31.4 22.6 33.8



#17
Carbon Disulfide
Concen: 1.844 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033810.D
Acq: 19 Jan 2023 18:39

Tgt Ion: 76 Resp: 79
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

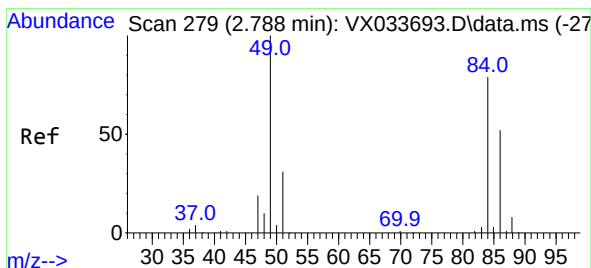
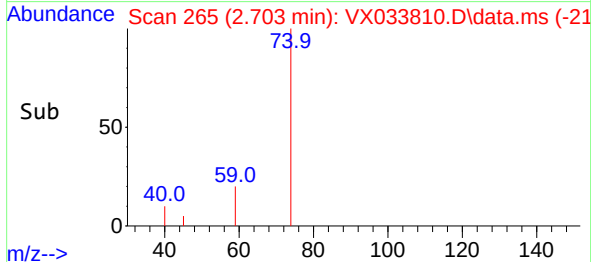
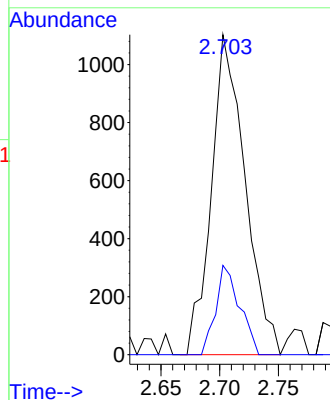
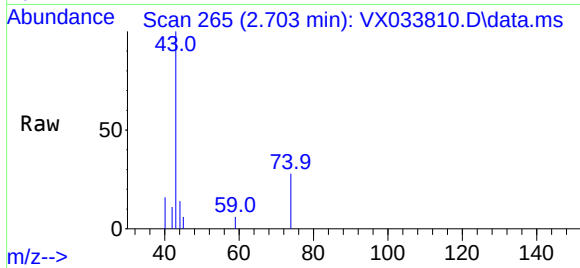




#18
Methyl Acetate
Concen: 0.883 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033810.D
Acq: 19 Jan 2023 18:39

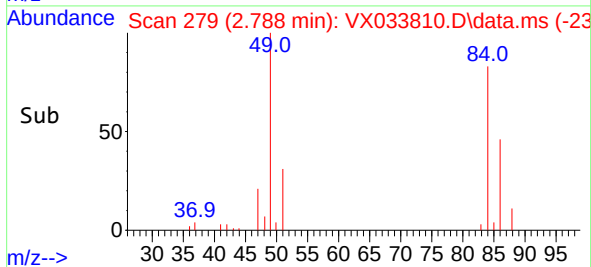
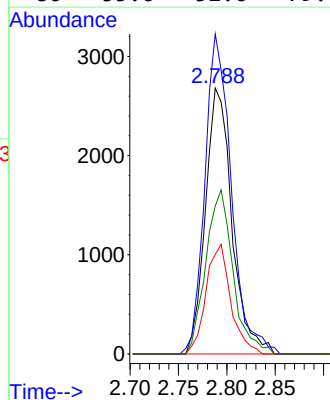
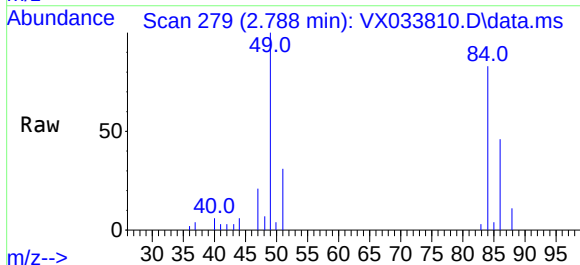
Instrument :
MSVOA_X
ClientSampleId :

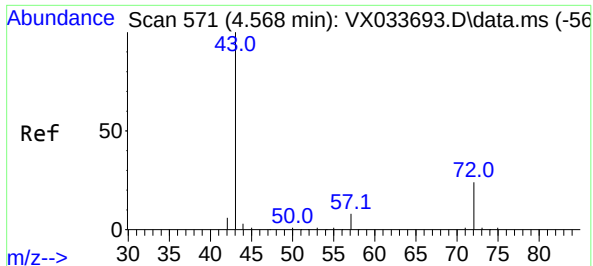
Tgt Ion: 43 Resp: 2204
Ion Ratio Lower Upper
43 100
74 19.7 18.2 27.4



#20
Methylene Chloride
Concen: 0.833 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033810.D
Acq: 19 Jan 2023 18:39

Tgt Ion: 84 Resp: 5126
Ion Ratio Lower Upper
84 100
49 120.3 101.1 151.7
51 37.4 31.0 46.6
86 55.6 52.6 79.0





#25

2-Butanone

Concen: 2.866 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX033810.D

Acq: 19 Jan 2023 18:39

Instrument :

MSVOA_X

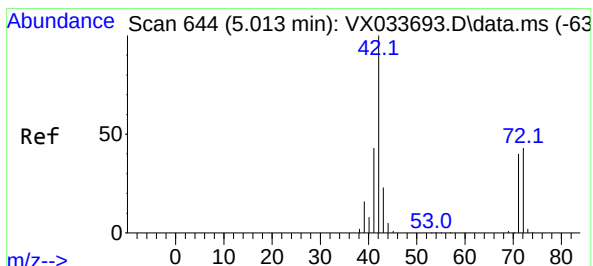
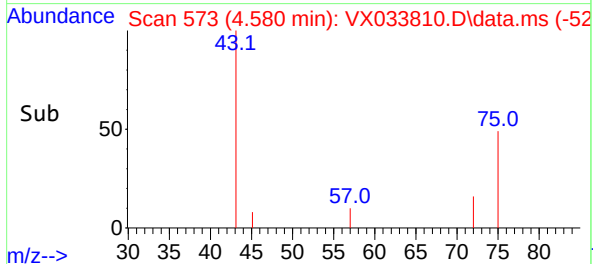
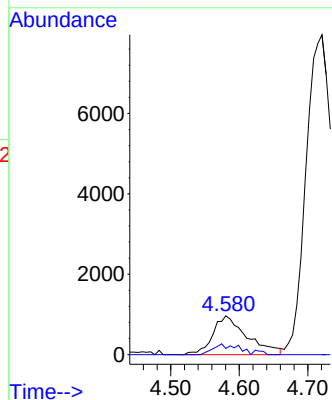
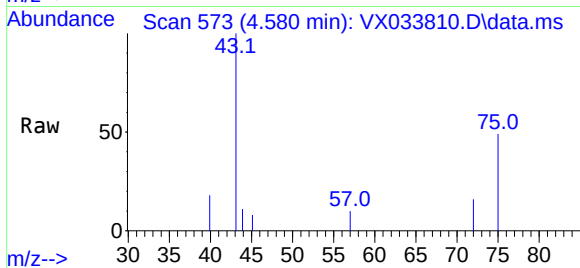
ClientSampleId :

Tgt Ion: 43 Resp: 3349

Ion Ratio Lower Upper

43 100

72 16.0 19.4 29.2#



#29

Tetrahydrofuran

Concen: 0.229 ug/l

RT: 5.038 min Scan# 648

Delta R.T. 0.024 min

Lab File: VX033810.D

Acq: 19 Jan 2023 18:39

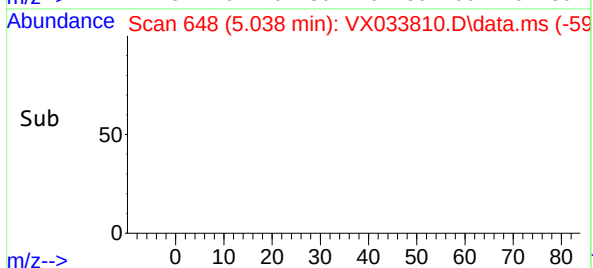
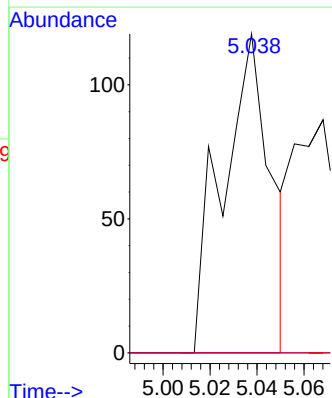
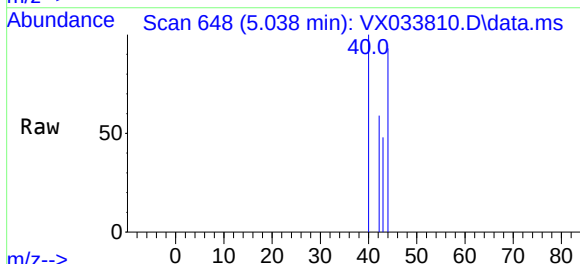
Tgt Ion: 42 Resp: 169

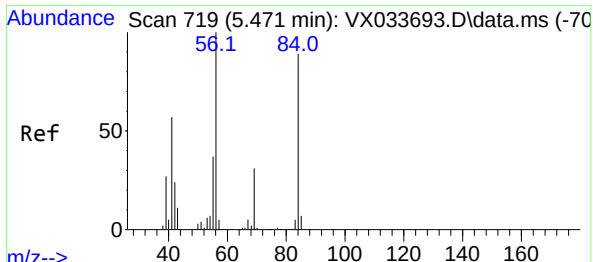
Ion Ratio Lower Upper

42 100

72 0.0 34.8 52.2#

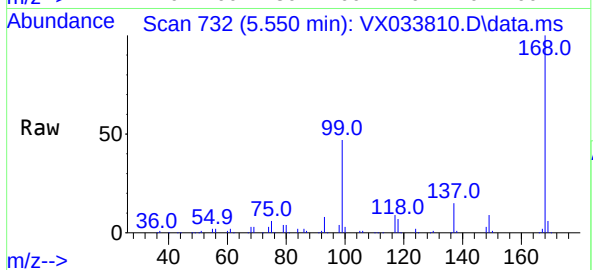
71 0.0 32.2 48.2#



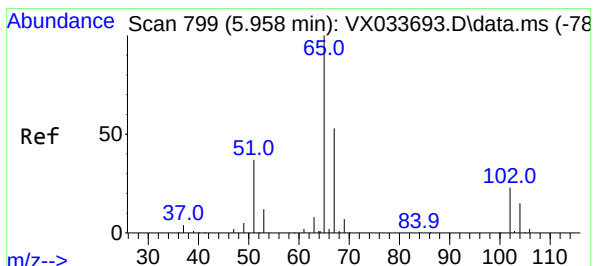
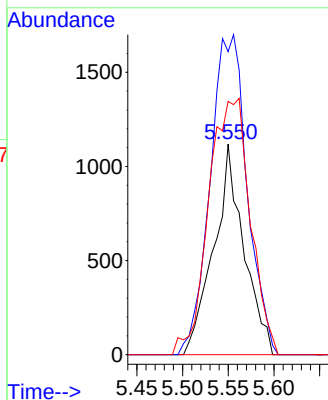
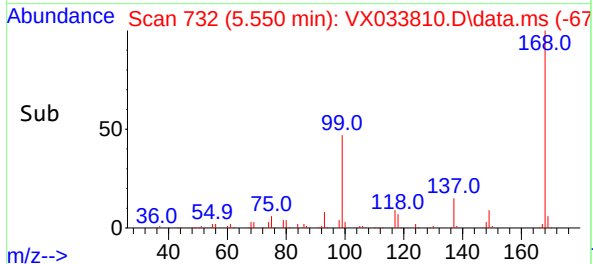


#31
Cyclohexane
Concen: 0.974 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX033810.D
Acq: 19 Jan 2023 18:39

Instrument :
MSVOA_X
ClientSampleId :

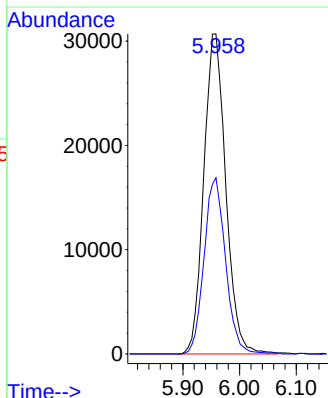
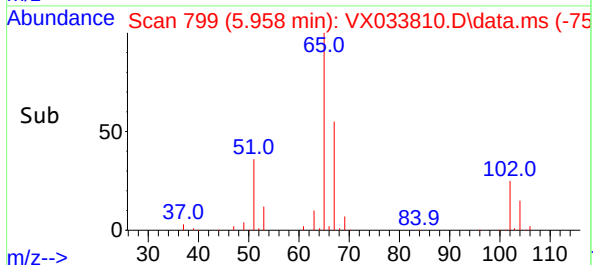
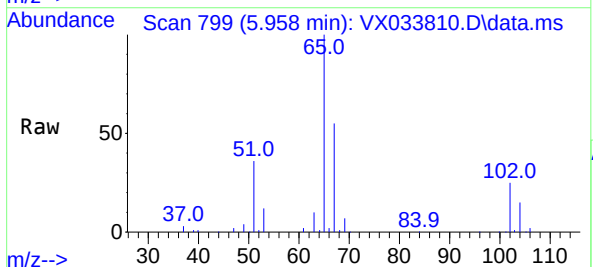


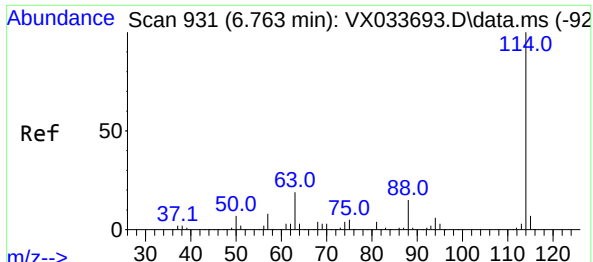
Tgt Ion: 56 Resp: 2564
Ion Ratio Lower Upper
56 100
69 143.9 24.6 37.0#
84 120.3 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 46.246 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX033810.D
Acq: 19 Jan 2023 18:39

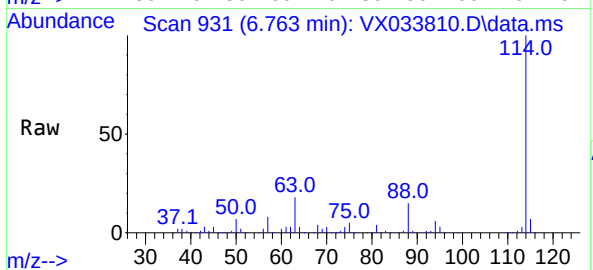
Tgt Ion: 65 Resp: 82707
Ion Ratio Lower Upper
65 100
67 53.8 0.0 104.8



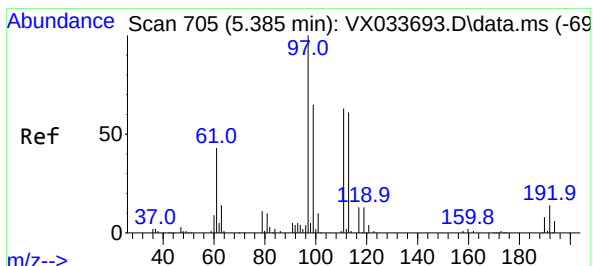
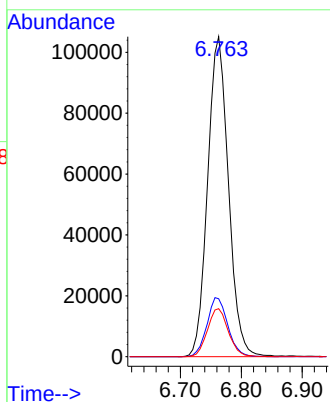
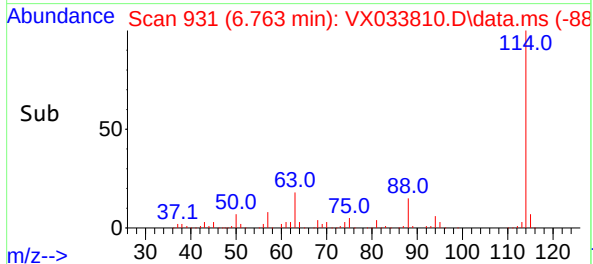


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033810.D
Acq: 19 Jan 2023 18:39

Instrument :
MSVOA_X
ClientSampleId :

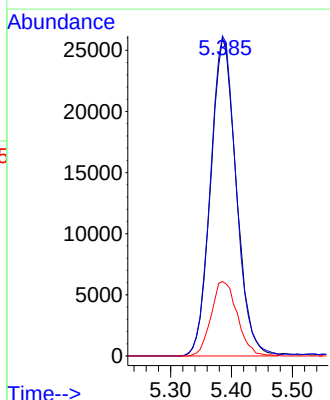
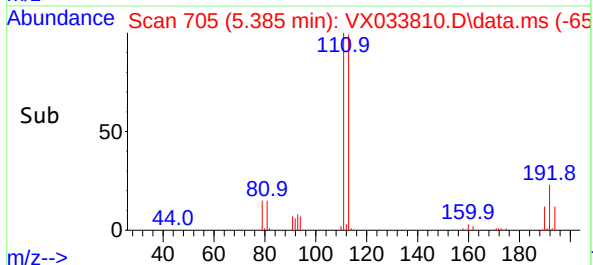
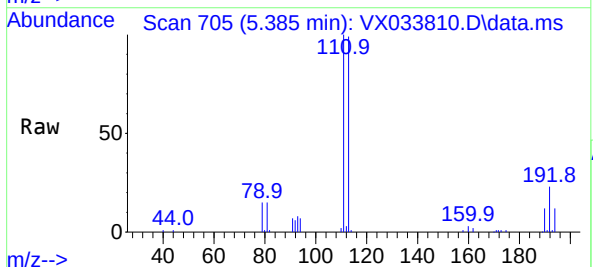


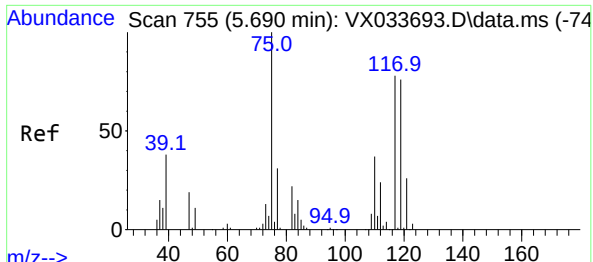
Tgt Ion:114 Resp: 249002
Ion Ratio Lower Upper
114 100
63 18.1 0.0 37.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.872 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033810.D
Acq: 19 Jan 2023 18:39

Tgt Ion:113 Resp: 75565
Ion Ratio Lower Upper
113 100
111 101.7 83.0 124.6
192 24.0 19.0 28.4





#36

1,1-Dichloropropene

Concen: 4.522 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

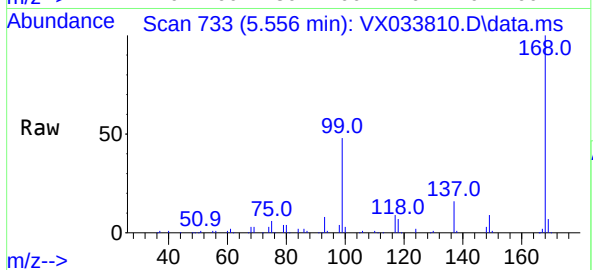
Lab File: VX033810.D

Acq: 19 Jan 2023 18:39

Instrument :

MSVOA_X

ClientSampleId :



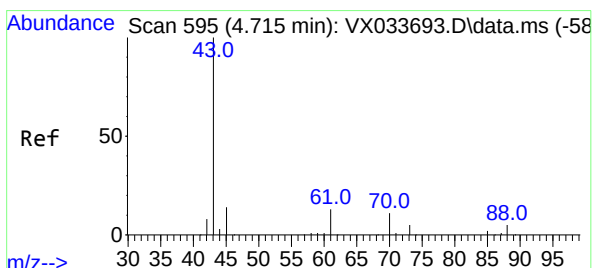
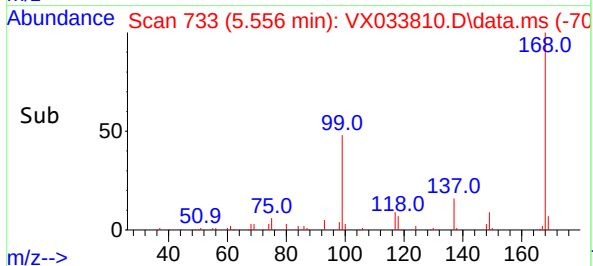
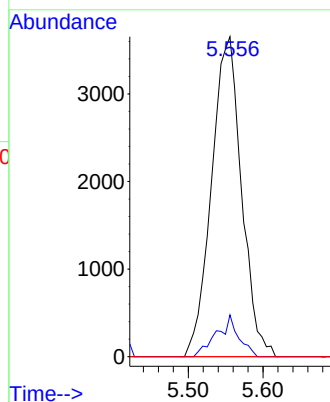
Tgt Ion: 75 Resp: 10204

Ion Ratio Lower Upper

75 100

110 9.5 18.8 56.4#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 9.146 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX033810.D

Acq: 19 Jan 2023 18:39

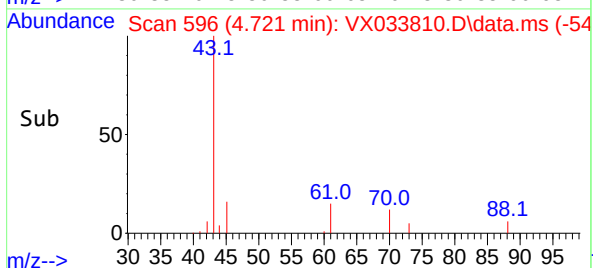
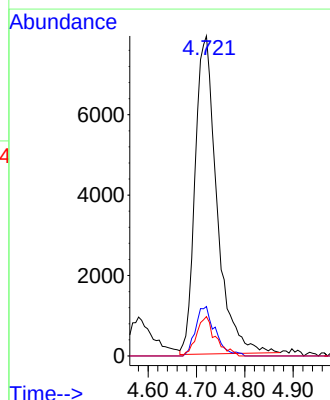
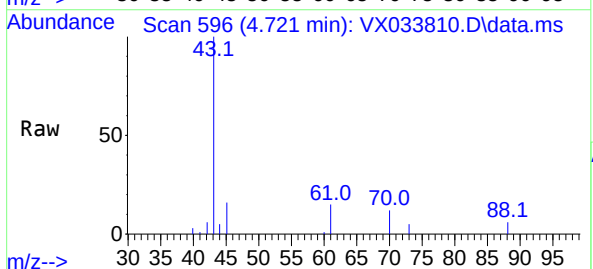
Tgt Ion: 43 Resp: 24720

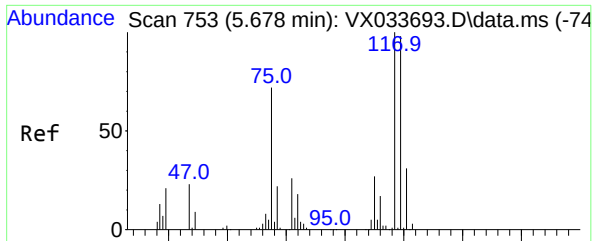
Ion Ratio Lower Upper

43 100

61 14.1 11.1 16.7

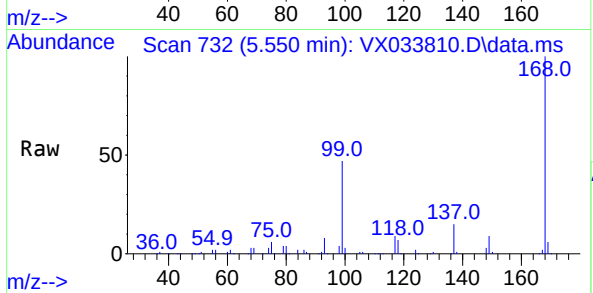
70 10.8 8.5 12.7



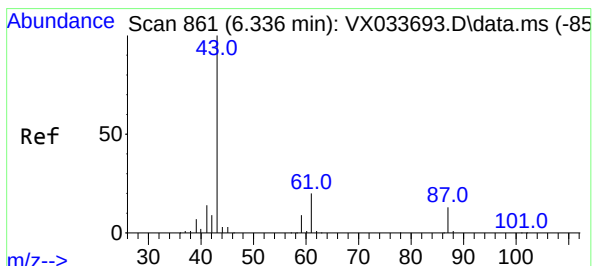
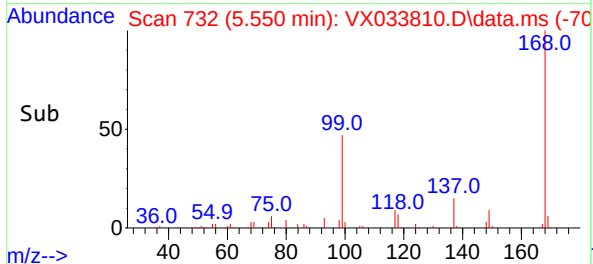
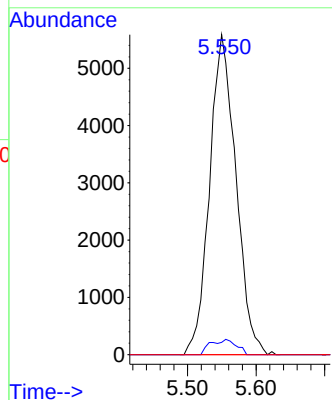


#38
Carbon Tetrachloride
Concen: 6.382 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033810.D
Acq: 19 Jan 2023 18:39

Instrument :
MSVOA_X
ClientSampleId :

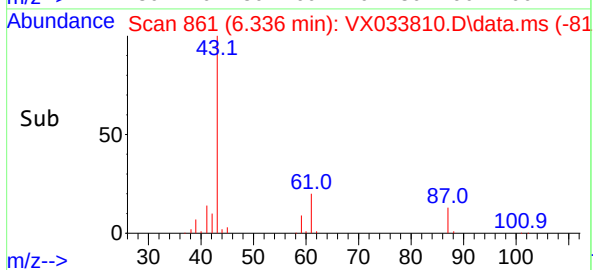
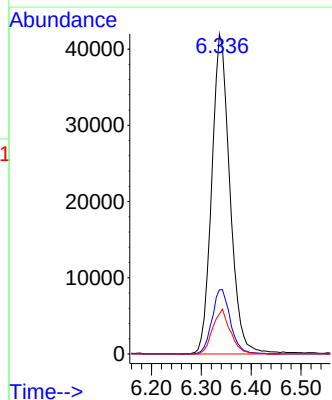
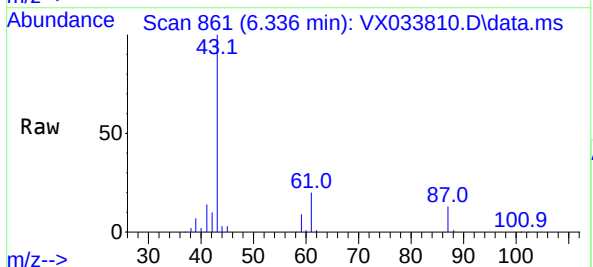


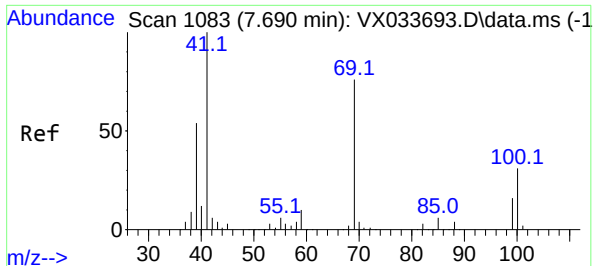
Tgt Ion:117 Resp: 14915
Ion Ratio Lower Upper
117 100
119 3.9 78.0 117.0#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 29.770 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX033810.D
Acq: 19 Jan 2023 18:39

Tgt Ion: 43 Resp: 106053
Ion Ratio Lower Upper
43 100
61 20.4 15.7 23.5
87 13.6 10.6 15.8

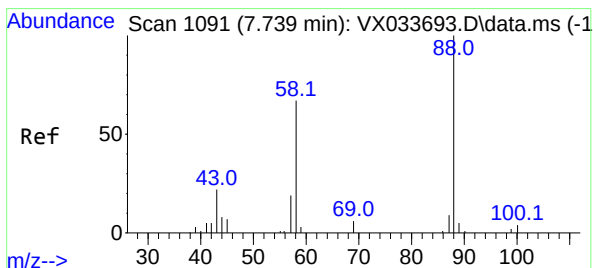
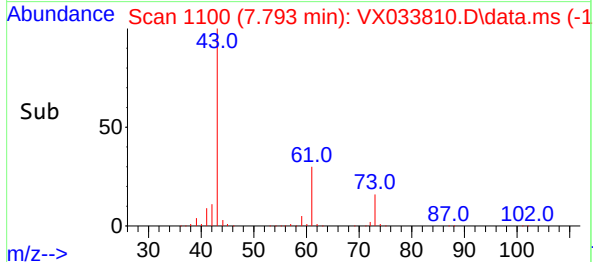
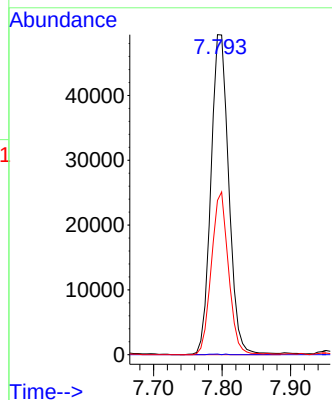
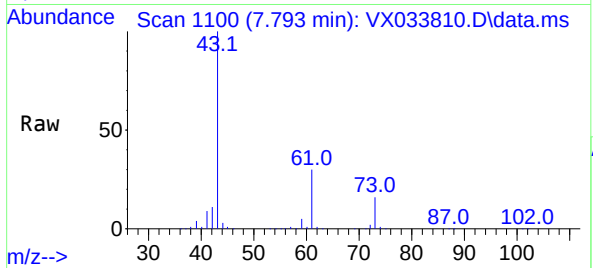




#48
Methyl methacrylate
Concen: 49.793 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.103 min
Lab File: VX033810.D
Acq: 19 Jan 2023 18:39

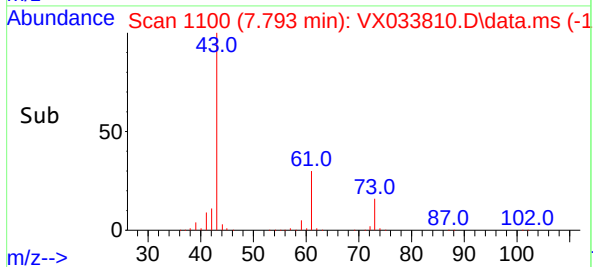
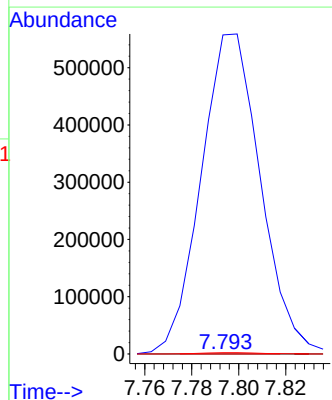
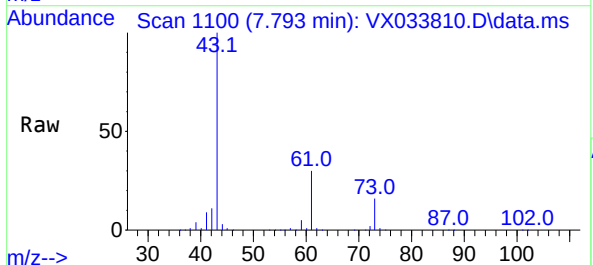
Instrument :
MSVOA_X
ClientSampleId :

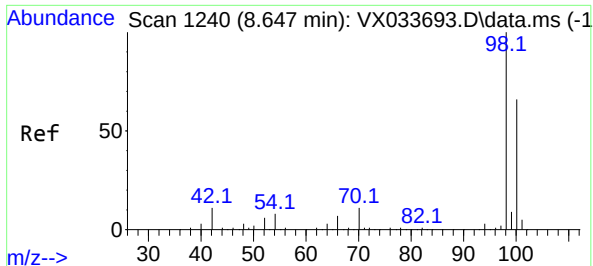
Tgt Ion: 41 Resp: 89354
Ion Ratio Lower Upper
41 100
69 0.1 63.1 94.7#
39 48.8 43.2 64.8



#49
1,4-Dioxane
Concen: 3.829 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.055 min
Lab File: VX033810.D
Acq: 19 Jan 2023 18:39

Tgt Ion: 88 Resp: 152
Ion Ratio Lower Upper
88 100
43 652986.2 0.0 0.0#
58 2634.9 56.5 84.7#

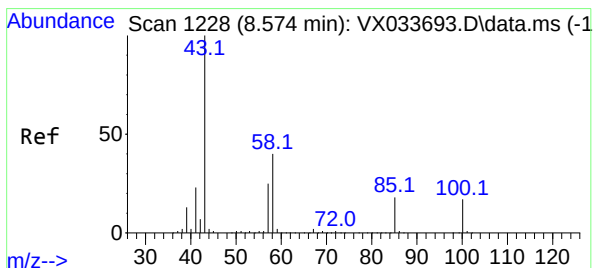
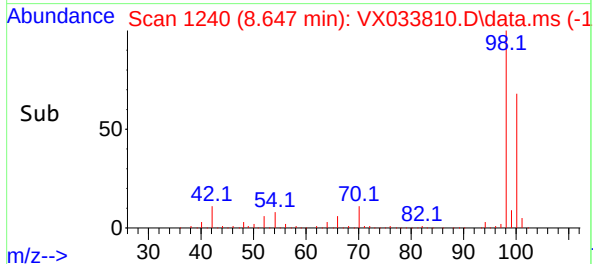
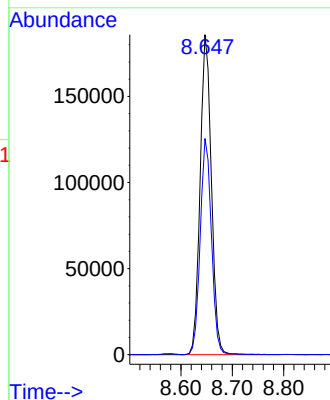
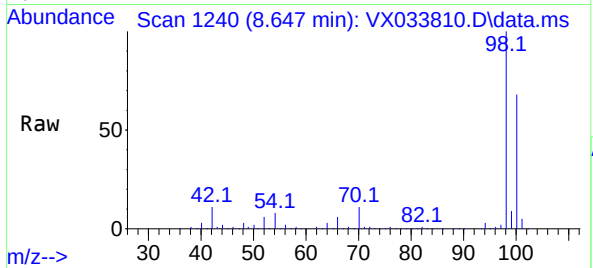




#50
Toluene-d8
Concen: 50.169 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033810.D
Acq: 19 Jan 2023 18:39

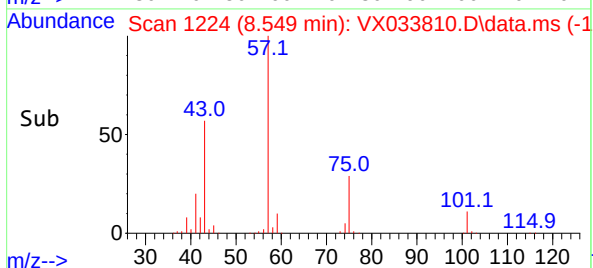
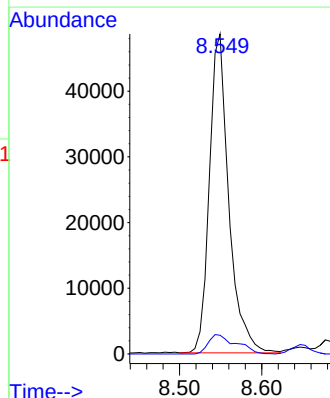
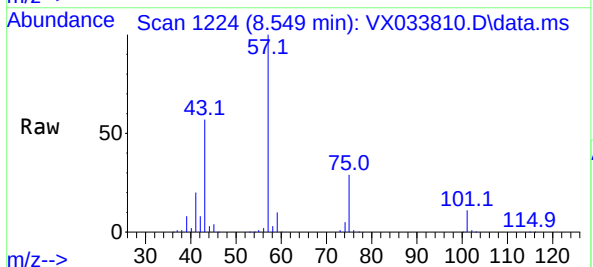
Instrument :
MSVOA_X
ClientSampleId :

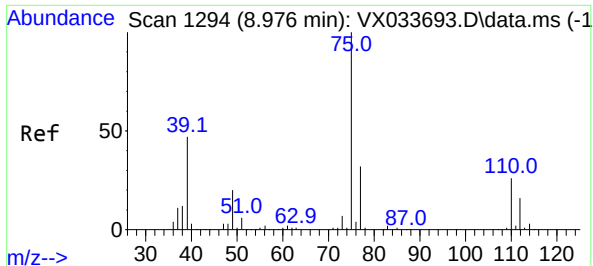
Tgt Ion: 98 Resp: 282630
Ion Ratio Lower Upper
98 100
100 67.5 53.6 80.4



#51
4-Methyl-2-Pentanone
Concen: 36.316 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX033810.D
Acq: 19 Jan 2023 18:39

Tgt Ion: 43 Resp: 79453
Ion Ratio Lower Upper
43 100
58 8.7 31.2 46.8#





#53

t-1,3-Dichloropropene

Concen: 0.324 ug/l

RT: 8.952 min Scan# 11

Delta R.T. -0.025 min

Lab File: VX033810.D

Acq: 19 Jan 2023 18:39

Instrument :

MSVOA_X

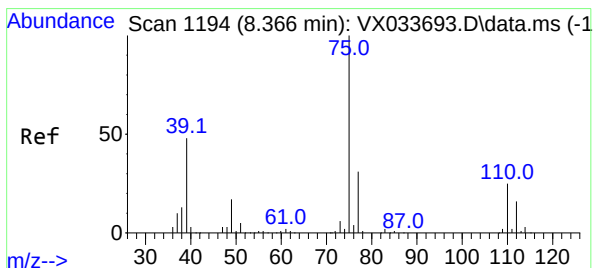
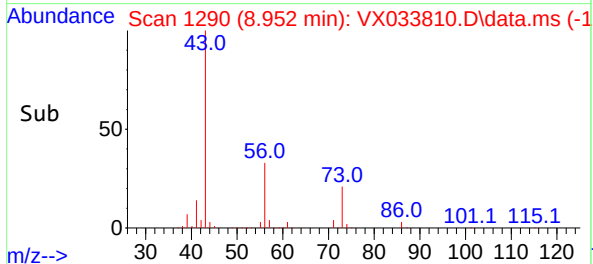
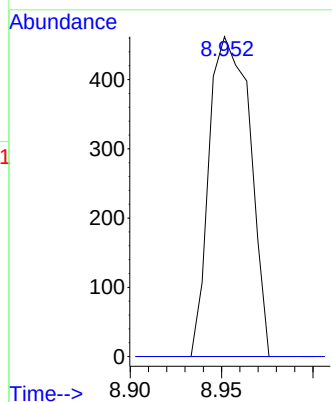
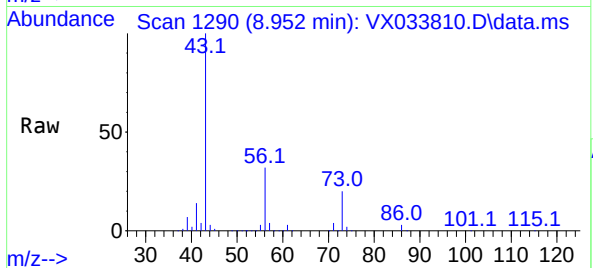
ClientSampleId :

Tgt Ion: 75 Resp: 718

Ion Ratio Lower Upper

75 100

77 0.0 25.5 38.3#



#54

cis-1,3-Dichloropropene

Concen: 15.363 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX033810.D

Acq: 19 Jan 2023 18:39

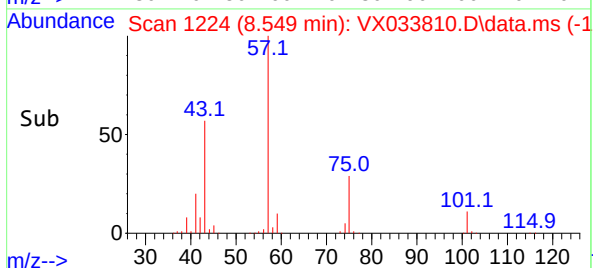
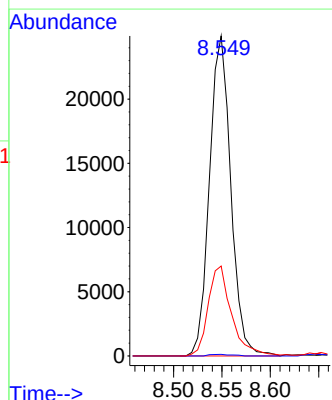
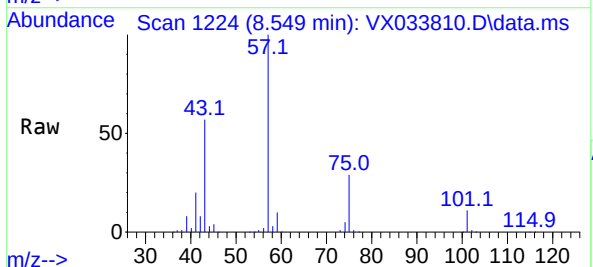
Tgt Ion: 75 Resp: 38183

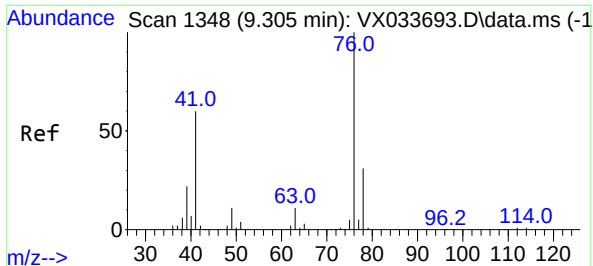
Ion Ratio Lower Upper

75 100

77 0.5 25.0 37.6#

39 28.1 38.6 58.0#

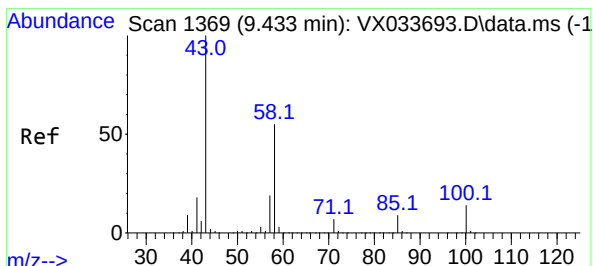
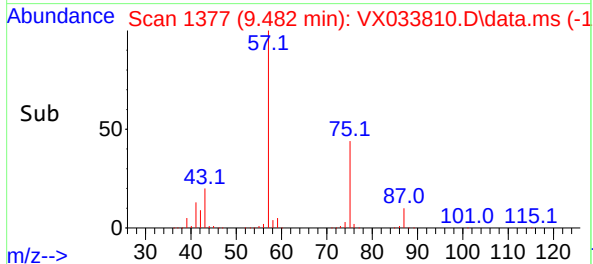
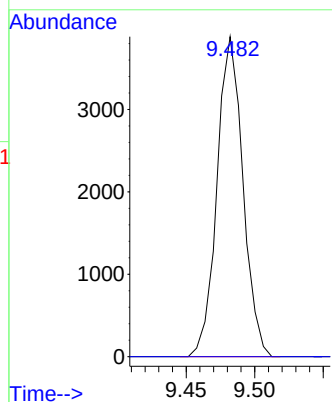
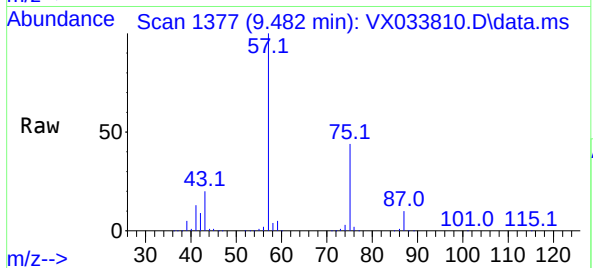




#57
1,3-Dichloropropane
Concen: 1.872 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX033810.D
Acq: 19 Jan 2023 18:39

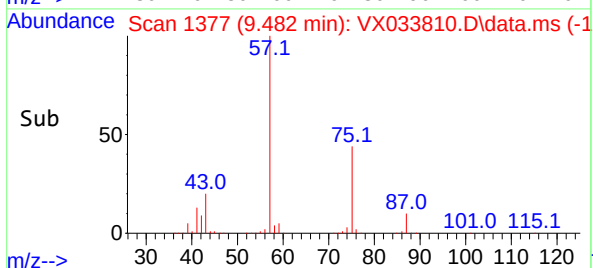
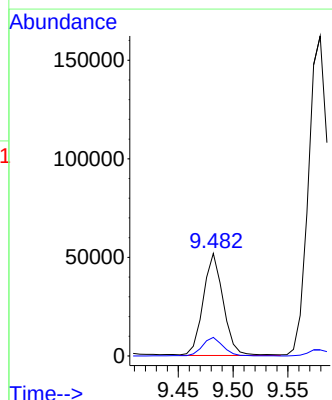
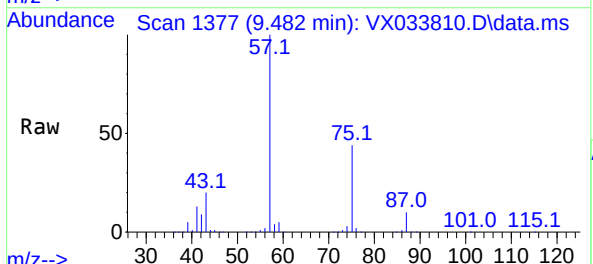
Instrument :
MSVOA_X
ClientSampleId :

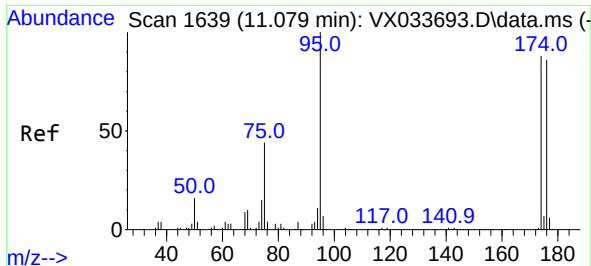
Tgt Ion: 76 Resp: 5103
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#



#59
2-Hexanone
Concen: 43.301 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX033810.D
Acq: 19 Jan 2023 18:39

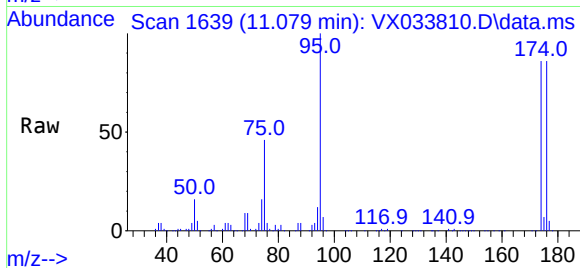
Tgt Ion: 43 Resp: 65938
Ion Ratio Lower Upper
43 100
58 19.1 27.4 82.0#



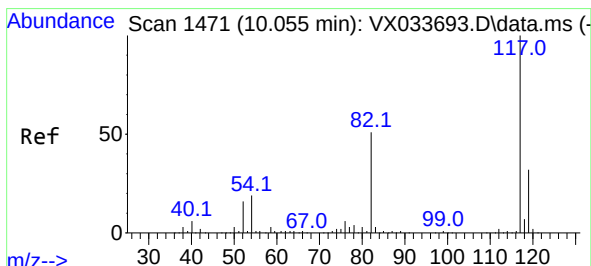
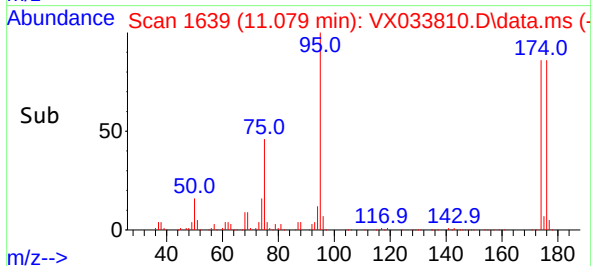
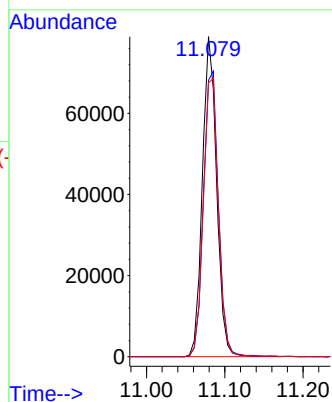


#62
4-Bromofluorobenzene
Concen: 47.668 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033810.D
Acq: 19 Jan 2023 18:39

Instrument :
MSVOA_X
ClientSampleId :

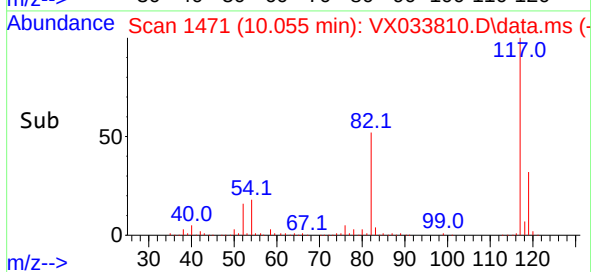
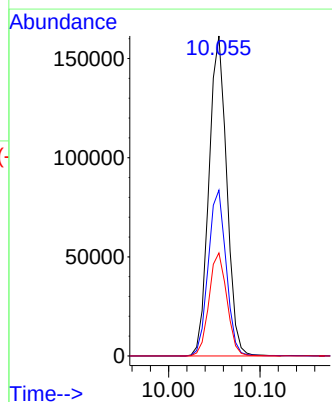
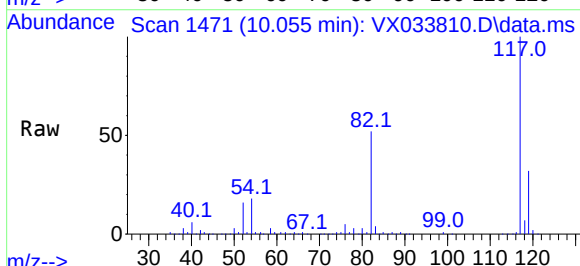


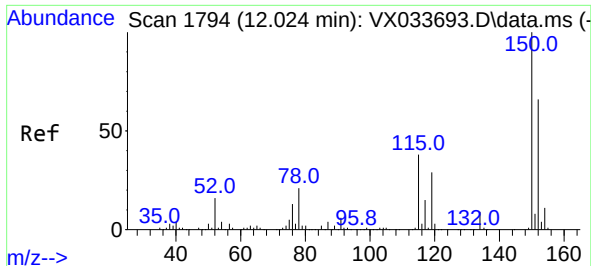
Tgt Ion: 95 Resp: 99704
Ion Ratio Lower Upper
95 100
174 93.6 0.0 184.4
176 91.6 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033810.D
Acq: 19 Jan 2023 18:39

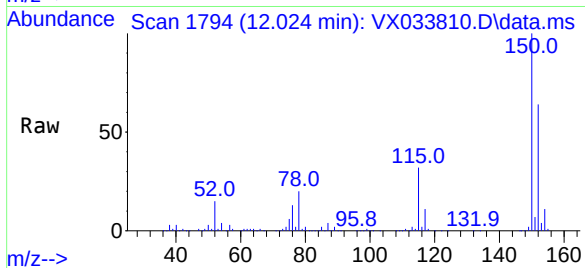
Tgt Ion: 117 Resp: 218208
Ion Ratio Lower Upper
117 100
82 51.8 40.6 60.8
119 32.2 25.6 38.4



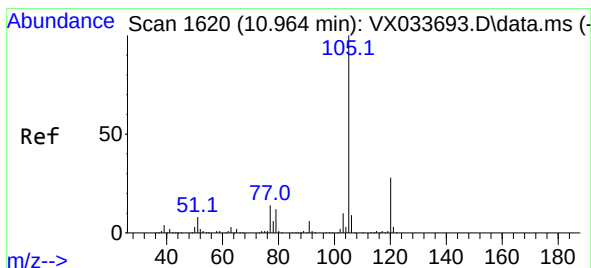
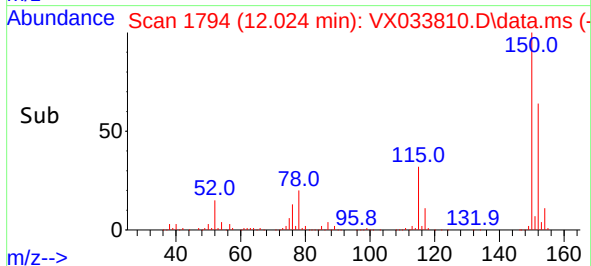
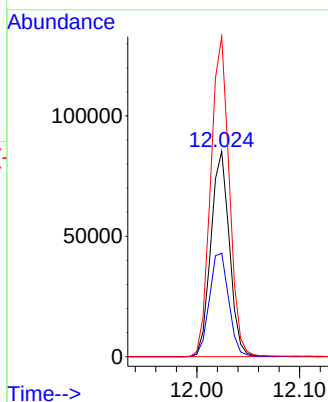


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033810.D
Acq: 19 Jan 2023 18:39

Instrument :
MSVOA_X
ClientSampleId :

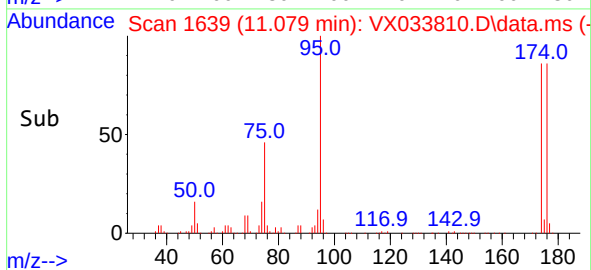
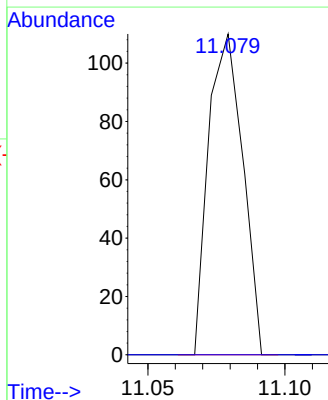
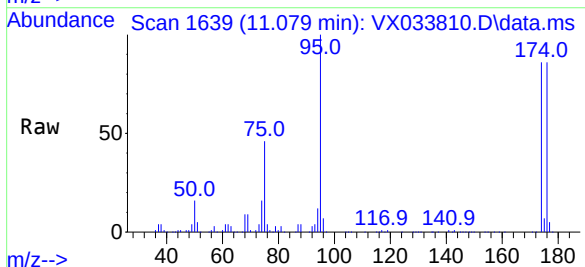


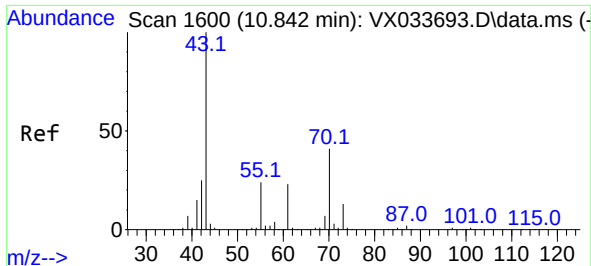
Tgt Ion:152 Resp: 106625
Ion Ratio Lower Upper
152 100
115 52.9 38.7 116.1
150 156.4 0.0 348.2



#73
Isopropylbenzene
Concen: Below Cal
RT: 11.079 min Scan# 1639
Delta R.T. 0.115 min
Lab File: VX033810.D
Acq: 19 Jan 2023 18:39

Tgt Ion:105 Resp: 95
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#

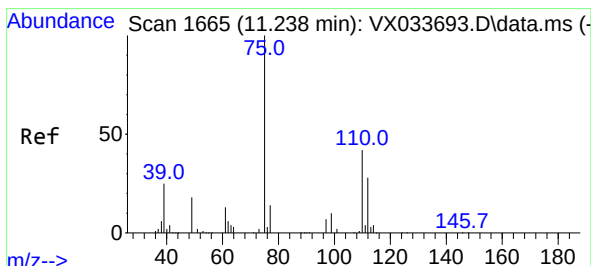
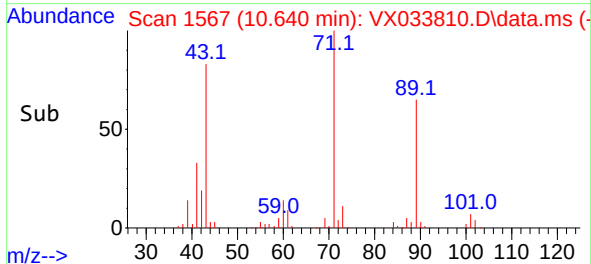
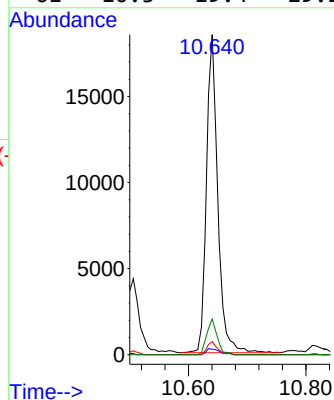
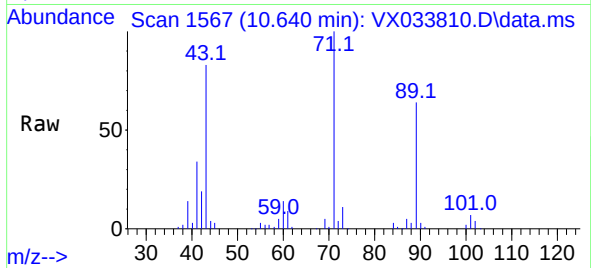




#74
N-amy1 acetate
Concen: 8.824 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.201 min
Lab File: VX033810.D
Acq: 19 Jan 2023 18:39

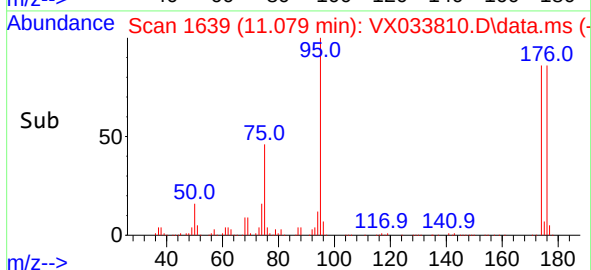
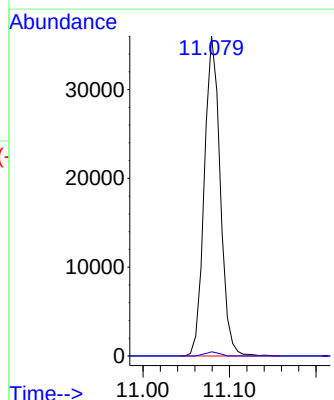
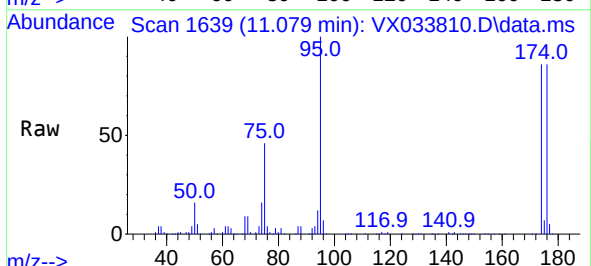
Instrument :
MSVOA_X
ClientSampleId :

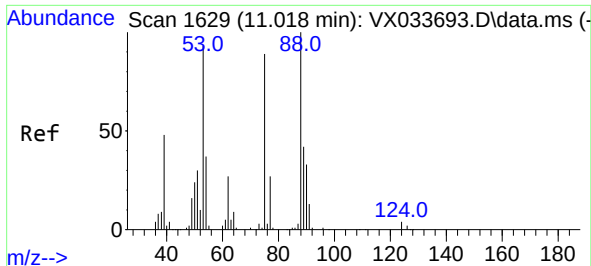
Tgt Ion: 43 Resp: 24707
Ion Ratio Lower Upper
43 100
70 2.1 34.8 52.2#
55 3.8 19.4 29.0#
61 10.3 19.4 29.2#



#76
1,2,3-Trichloropropane
Concen: 23.422 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033810.D
Acq: 19 Jan 2023 18:39

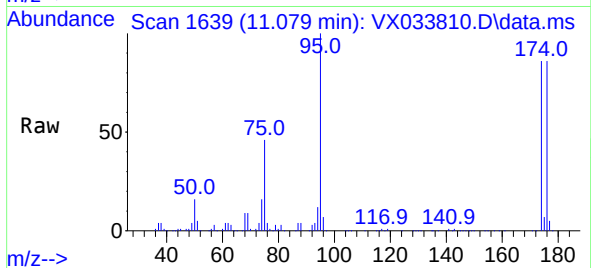
Tgt Ion: 75 Resp: 45886
Ion Ratio Lower Upper
75 100
77 1.1 21.8 65.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.794 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033810.D
 Acq: 19 Jan 2023 18:39

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 45886
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.0 124.6#
 89 0.0 37.7 56.5#

