

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011923\
 Data File : VX033812.D
 Acq On : 19 Jan 2023 19:26
 Operator : JC/MD
 Sample : 01180-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 20 05:24:26 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)

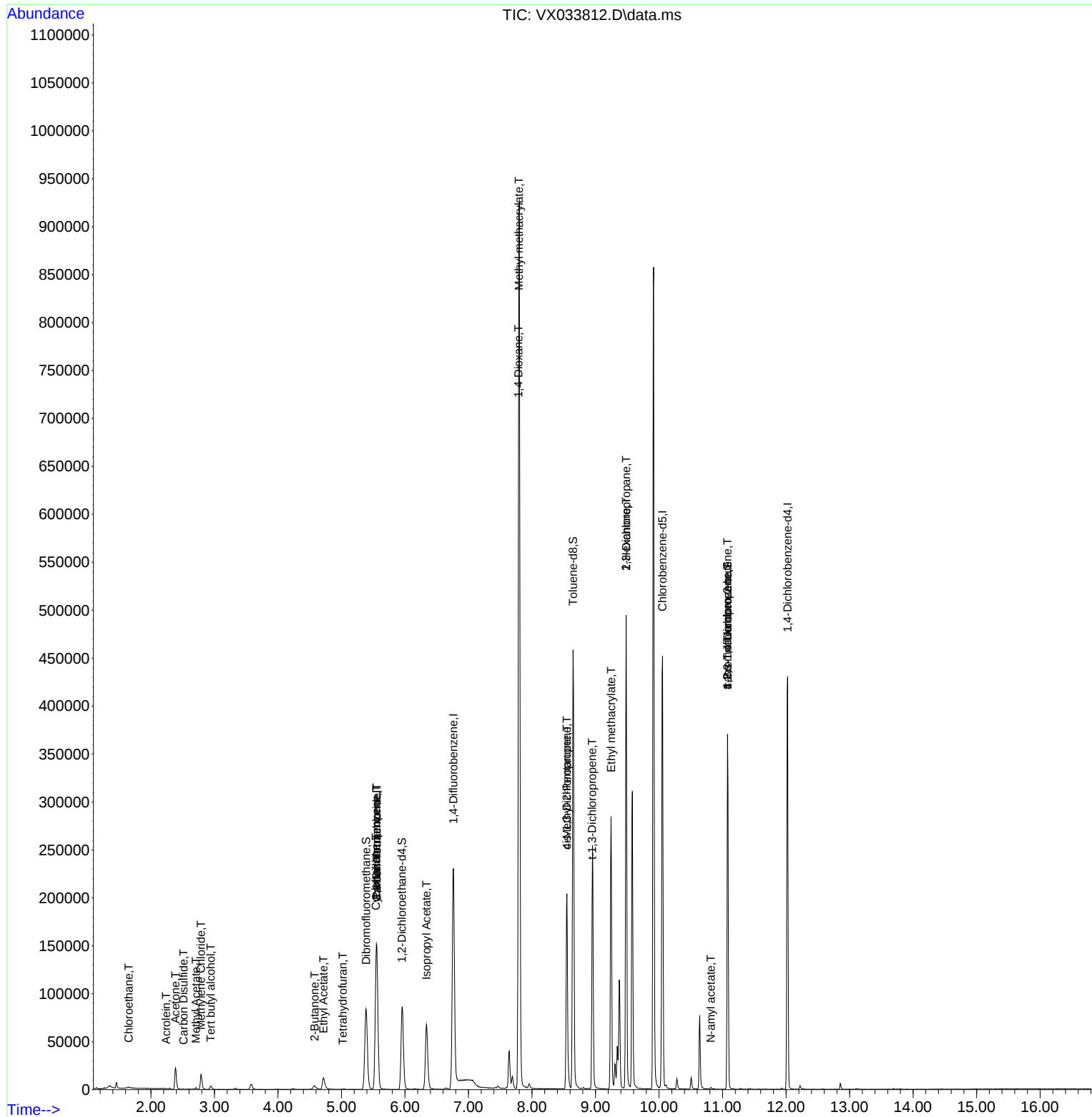
Internal Standards						
1) Pentafluorobenzene	5.550	168	166369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	244013	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82587	47.146	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.300%		
35) Dibromofluoromethane	5.385	113	74417	49.114	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.220%		
50) Toluene-d8	8.647	98	277830	50.326	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.660%		
62) 4-Bromofluorobenzene	11.079	95	96124	46.896	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.800%		
Target Compounds						
					Qvalue	
6) Chloroethane	1.648	64	227	0.261	ug/l #	42
11) Tert butyl alcohol	2.941	59	2233	7.338	ug/l #	86
13) Acrolein	2.239	56	88	0.313	ug/l #	50
16) Acetone	2.386	43	26840	31.325	ug/l	92
17) Carbon Disulfide	2.514	76	199	1.878	ug/l #	76
18) Methyl Acetate	2.709	43	1954	0.799	ug/l	99
20) Methylene Chloride	2.788	84	7501	2.547	ug/l	98
25) 2-Butanone	4.574	43	4889	4.272	ug/l	93
29) Tetrahydrofuran	5.019	42	435	0.603	ug/l #	43
31) Cyclohexane	5.544	56	2543	0.987	ug/l #	14
36) 1,1-Dichloropropene	5.550	75	9961	4.504	ug/l #	48
37) Ethyl Acetate	4.715	43	22933	8.496	ug/l	99
38) Carbon Tetrachloride	5.556	117	13970	6.100	ug/l #	15
43) Isopropyl Acetate	6.336	43	95068	27.232	ug/l	99
48) Methyl methacrylate	7.793	41	77828	44.257	ug/l #	44
49) 1,4-Dioxane	7.787	88	48	1.234	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	72052	33.606	ug/l #	51
53) t-1,3-Dichloropropene	8.946	75	551	0.253	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	33998	13.959	ug/l #	60
56) Ethyl methacrylate	9.244	69	577	0.249	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	4209	1.575	ug/l #	43
59) 2-Hexanone	9.482	43	57076	38.248	ug/l #	50
73) Isopropylbenzene	11.079	105	144	Below Cal	#	48
74) N-amyl acetate	10.817	43	701	0.259	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	44351	23.402	ug/l #	34
77) Bromobenzene	11.073	156	41	Below Cal	#	1
81) trans-1,4-Dichloro-2-b...	11.079	75	44351	72.731	ug/l #	8

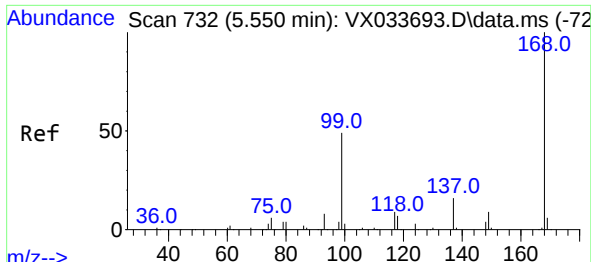
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011923\
Data File : VX033812.D
Acq On : 19 Jan 2023 19:26
Operator : JC/MD
Sample : 01180-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

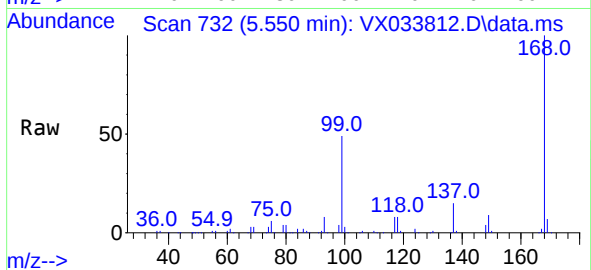
Quant Time: Jan 20 05:24:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration



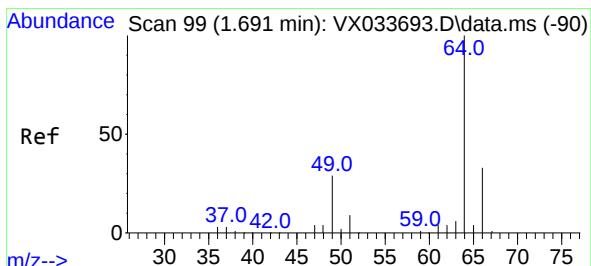
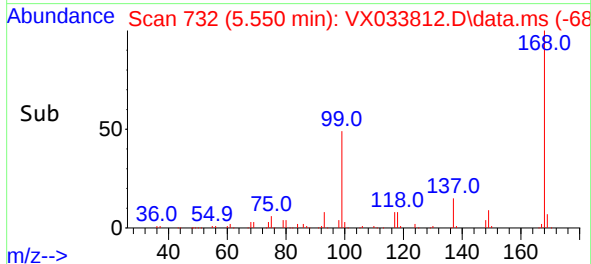
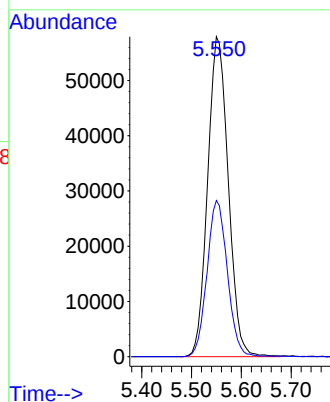


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033812.D
Acq: 19 Jan 2023 19:26

Instrument :
MSVOA_X
ClientSampleId :

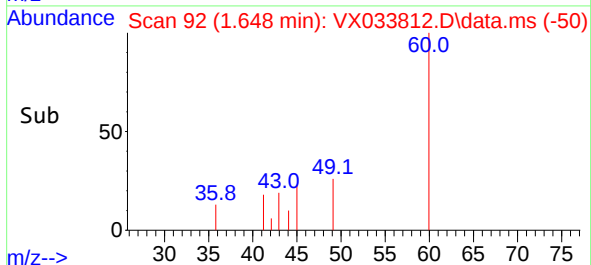
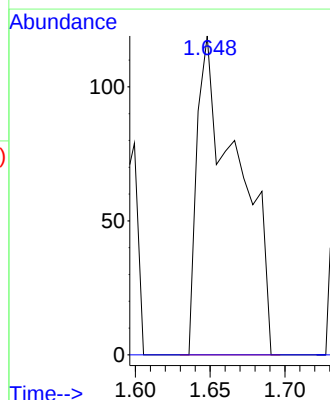
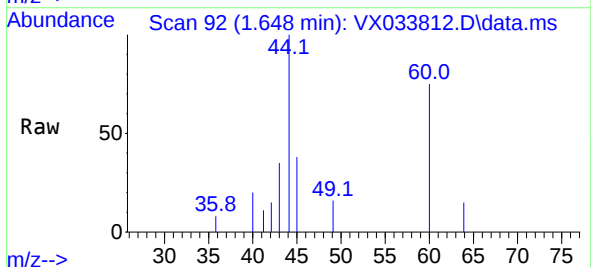


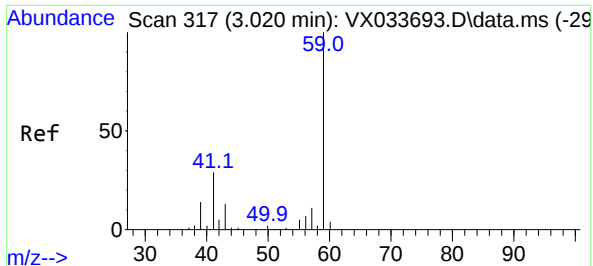
Tgt Ion:168 Resp: 166369
Ion Ratio Lower Upper
168 100
99 48.8 39.6 59.4



#6
Chloroethane
Concen: 0.261 ug/l
RT: 1.648 min Scan# 92
Delta R.T. -0.043 min
Lab File: VX033812.D
Acq: 19 Jan 2023 19:26

Tgt Ion: 64 Resp: 227
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#

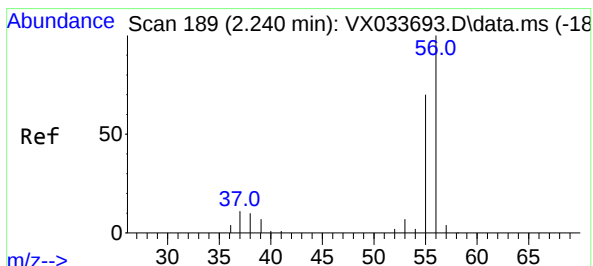
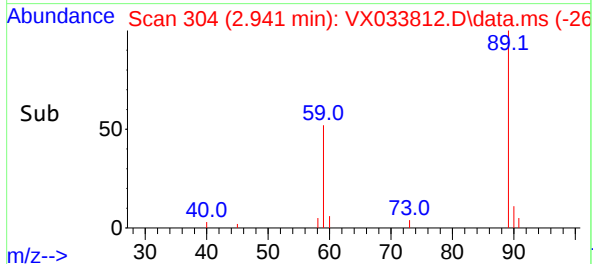
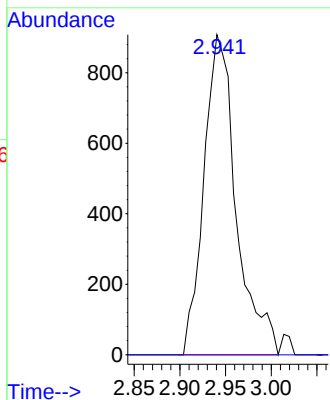
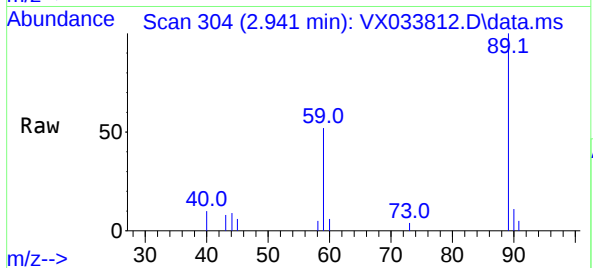




#11
Tert butyl alcohol
Concen: 7.338 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.079 min
Lab File: VX033812.D
Acq: 19 Jan 2023 19:26

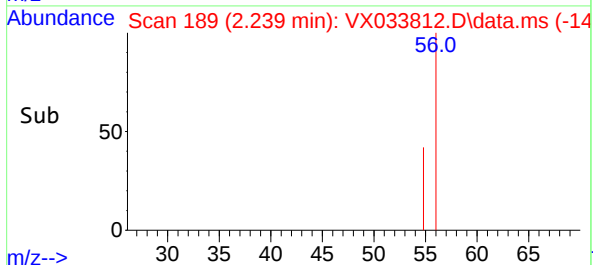
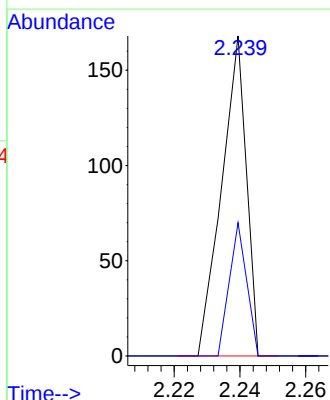
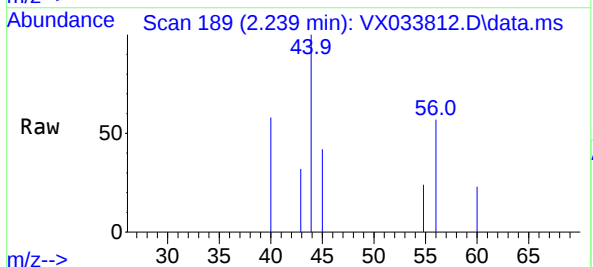
Instrument :
MSVOA_X
ClientSampleId :

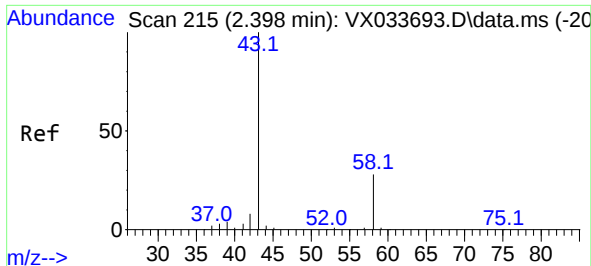
Tgt Ion: 59 Resp: 2233
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#



#13
Acrolein
Concen: 0.313 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX033812.D
Acq: 19 Jan 2023 19:26

Tgt Ion: 56 Resp: 88
Ion Ratio Lower Upper
56 100
55 29.5 56.3 84.5#

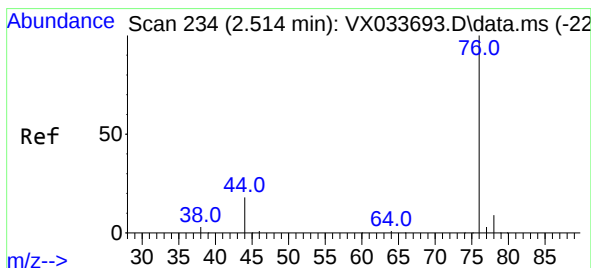
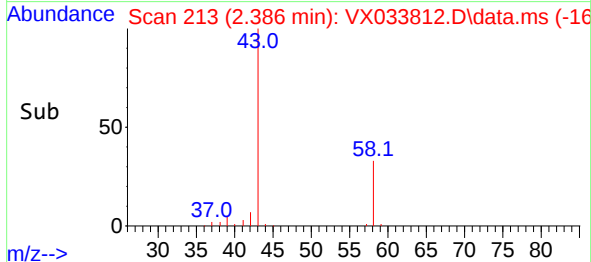
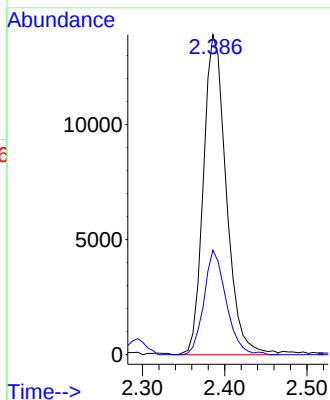
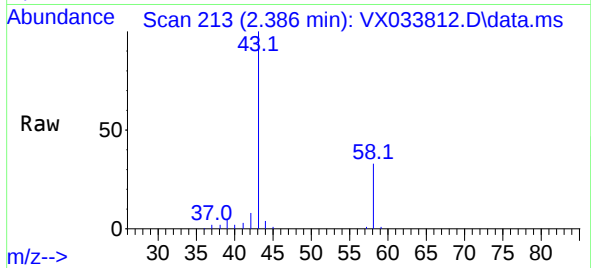




#16
Acetone
Concen: 31.325 ug/l
RT: 2.386 min Scan# 215
Delta R.T. -0.012 min
Lab File: VX033812.D
Acq: 19 Jan 2023 19:26

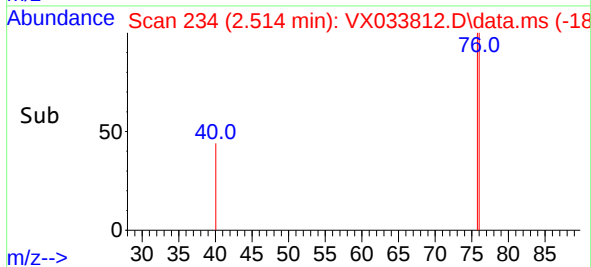
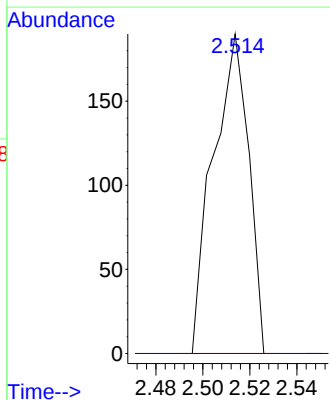
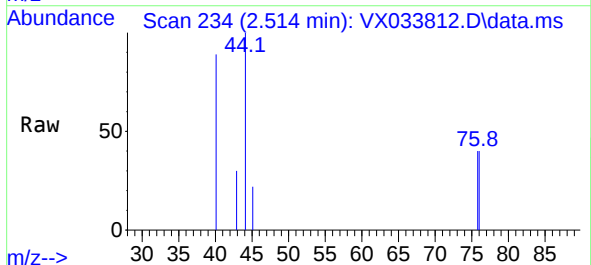
Instrument :
MSVOA_X
ClientSampleId :

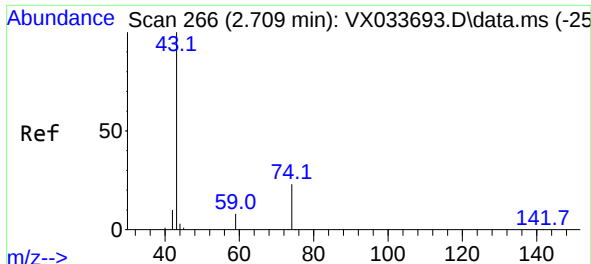
Tgt Ion: 43 Resp: 26840
Ion Ratio Lower Upper
43 100
58 32.6 22.6 33.8



#17
Carbon Disulfide
Concen: 1.878 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033812.D
Acq: 19 Jan 2023 19:26

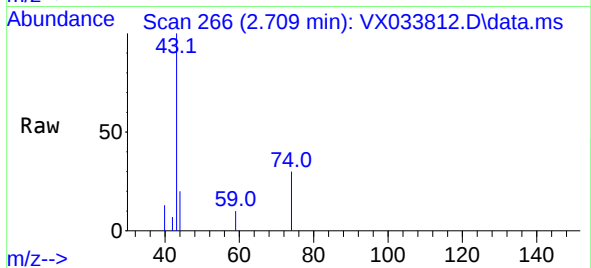
Tgt Ion: 76 Resp: 199
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



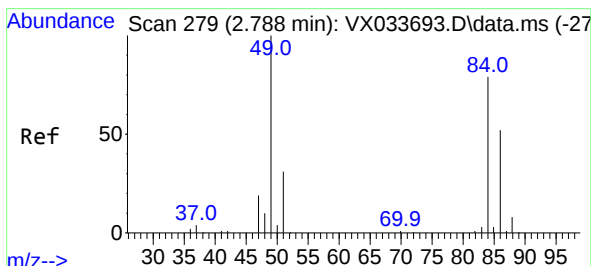
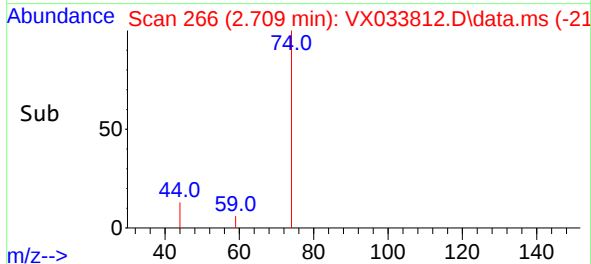
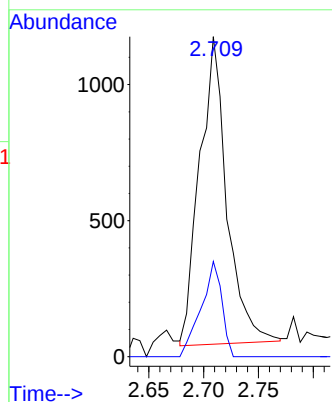


#18
Methyl Acetate
Concen: 0.799 ug/l
RT: 2.709 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX033812.D
Acq: 19 Jan 2023 19:26

Instrument :
MSVOA_X
ClientSampleId :

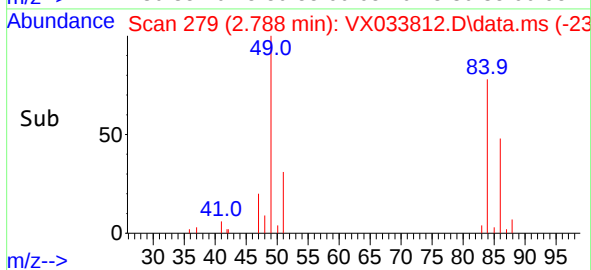
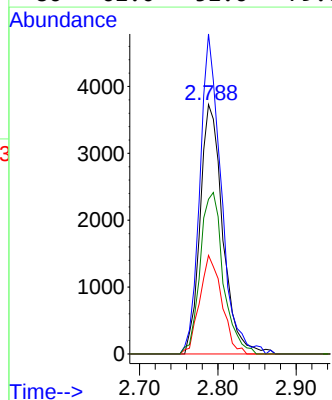
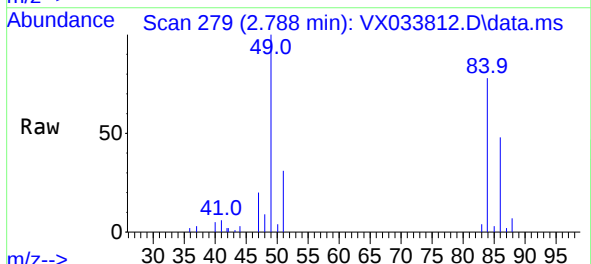


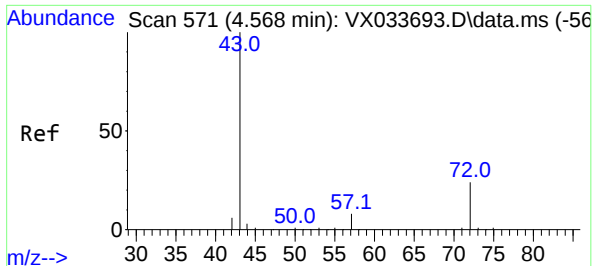
Tgt Ion: 43 Resp: 1954
Ion Ratio Lower Upper
43 100
74 23.4 18.2 27.4



#20
Methylene Chloride
Concen: 2.547 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033812.D
Acq: 19 Jan 2023 19:26

Tgt Ion: 84 Resp: 7501
Ion Ratio Lower Upper
84 100
49 128.3 101.1 151.7
51 39.5 31.0 46.6
86 62.0 52.6 79.0





#25

2-Butanone

Concen: 4.272 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX033812.D

Acq: 19 Jan 2023 19:26

Instrument :

MSVOA_X

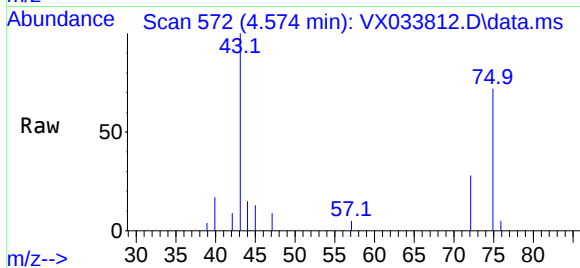
ClientSampleId :

Tgt Ion: 43 Resp: 4889

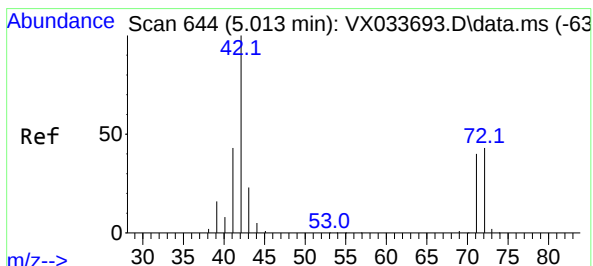
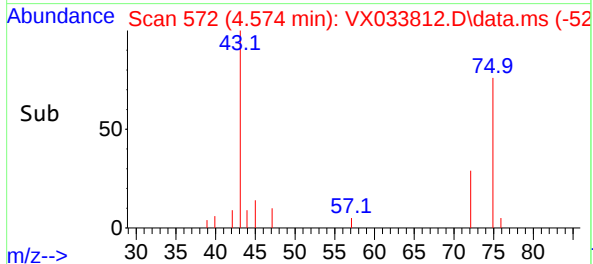
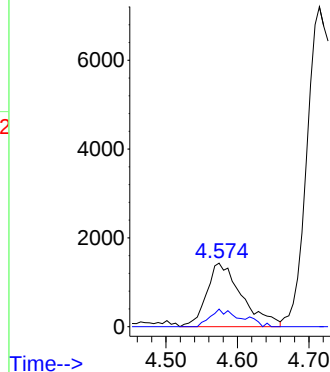
Ion Ratio Lower Upper

43 100

72 27.8 19.4 29.2



Abundance



#29

Tetrahydrofuran

Concen: 0.603 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.006 min

Lab File: VX033812.D

Acq: 19 Jan 2023 19:26

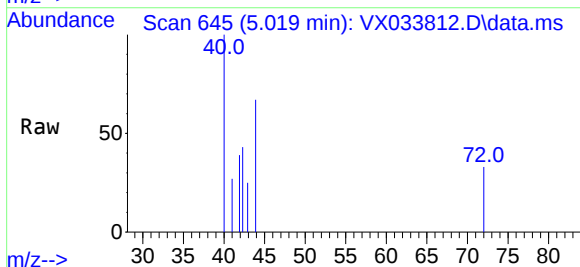
Tgt Ion: 42 Resp: 435

Ion Ratio Lower Upper

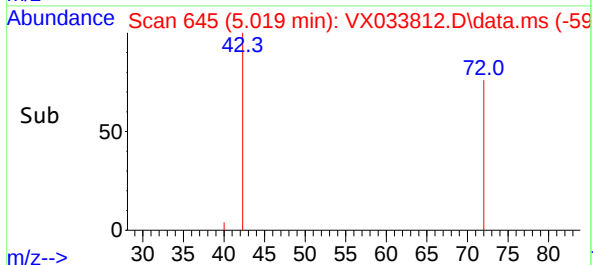
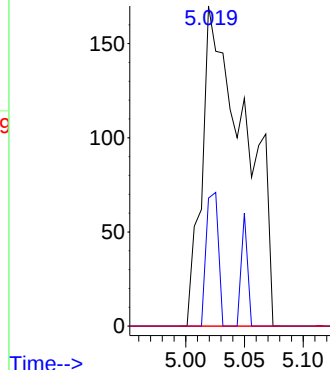
42 100

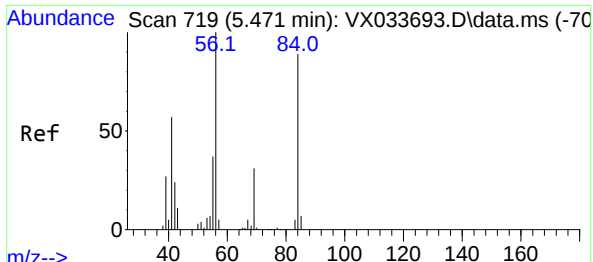
72 11.7 34.8 52.2#

71 0.0 32.2 48.2#



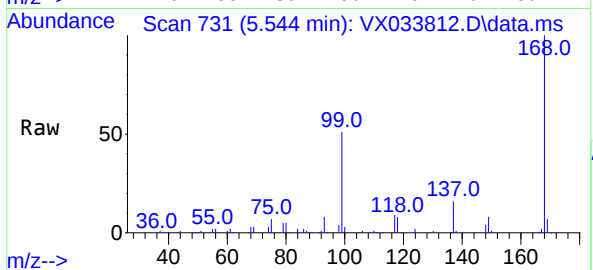
Abundance



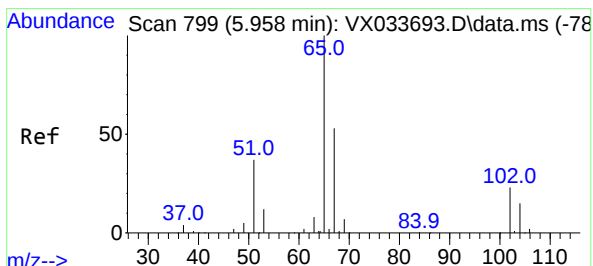
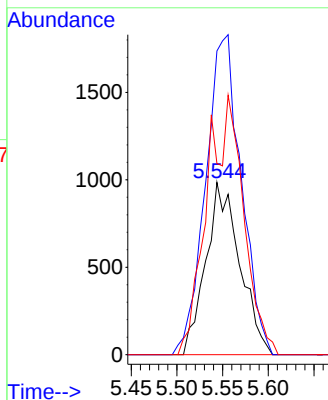
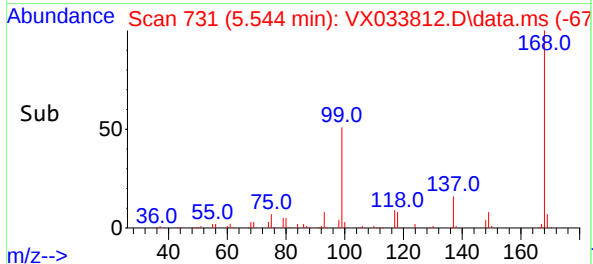


#31
Cyclohexane
Concen: 0.987 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX033812.D
Acq: 19 Jan 2023 19:26

Instrument :
MSVOA_X
ClientSampleId :

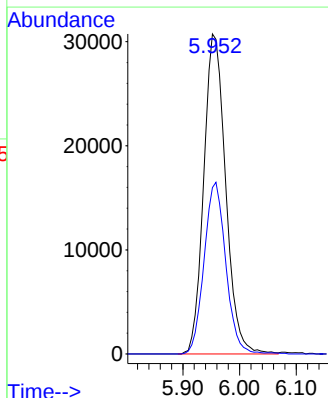
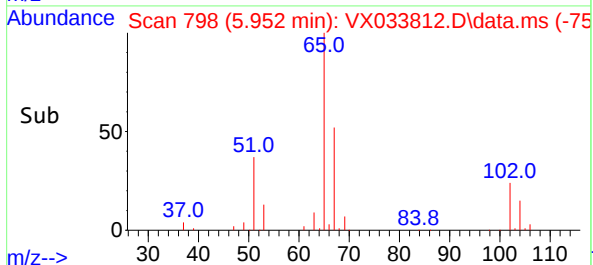
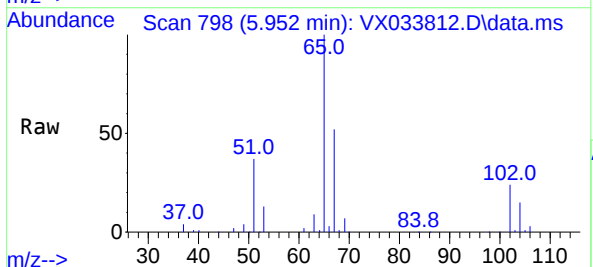


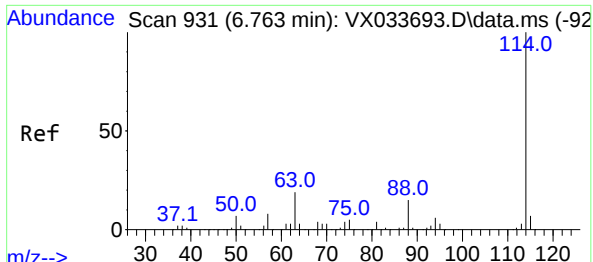
Tgt Ion: 56 Resp: 2543
Ion Ratio Lower Upper
56 100
69 176.3 24.6 37.0#
84 111.0 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 47.146 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033812.D
Acq: 19 Jan 2023 19:26

Tgt Ion: 65 Resp: 82587
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.8

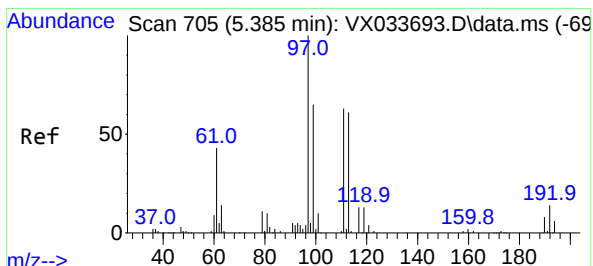
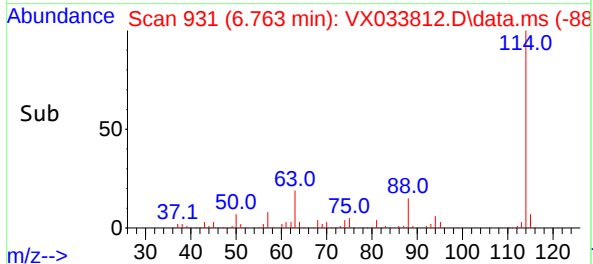
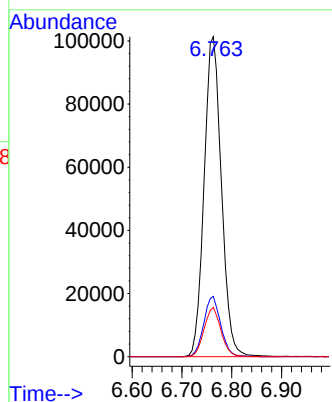
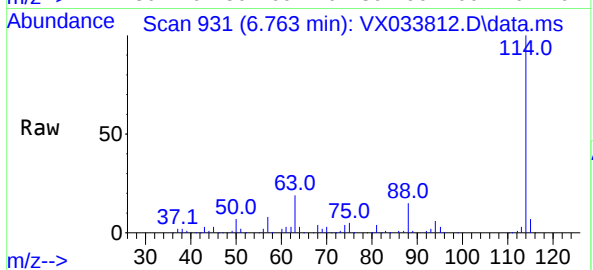




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033812.D
Acq: 19 Jan 2023 19:26

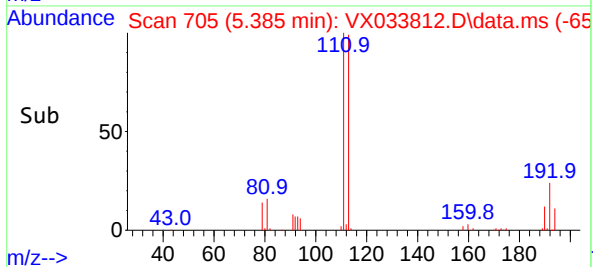
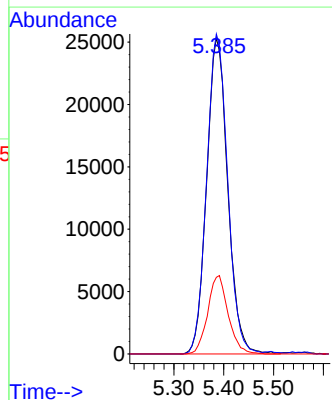
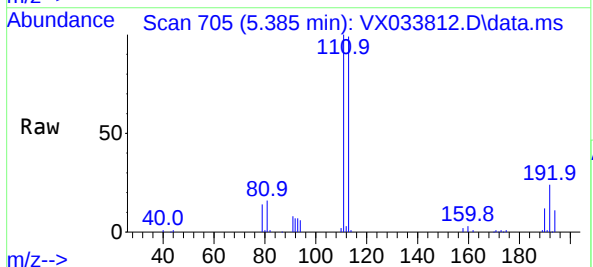
Instrument :
MSVOA_X
ClientSampleId :

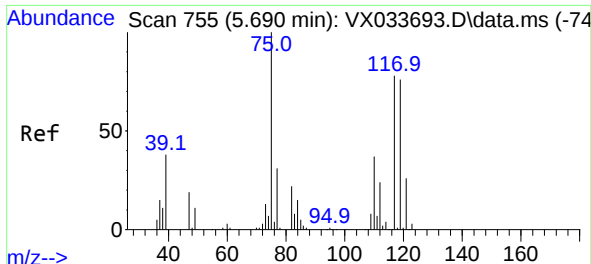
Tgt Ion:114 Resp: 244013
Ion Ratio Lower Upper
114 100
63 18.8 0.0 37.4
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.114 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033812.D
Acq: 19 Jan 2023 19:26

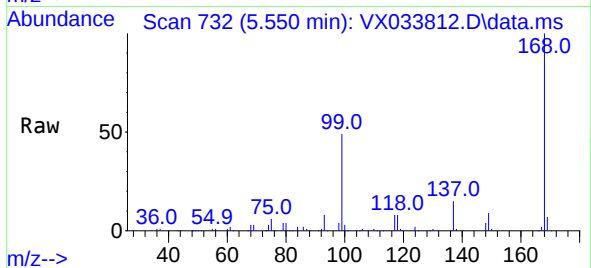
Tgt Ion:113 Resp: 74417
Ion Ratio Lower Upper
113 100
111 100.7 83.0 124.6
192 24.1 19.0 28.4



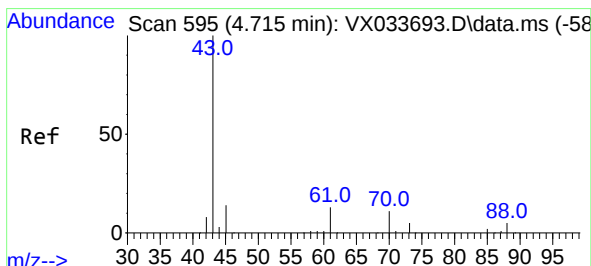
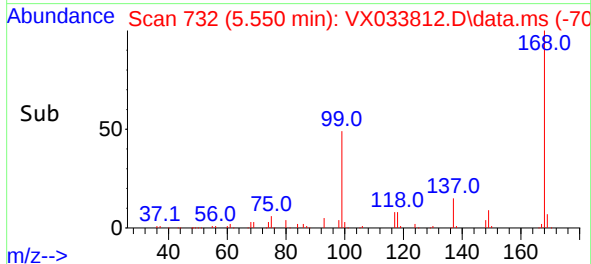
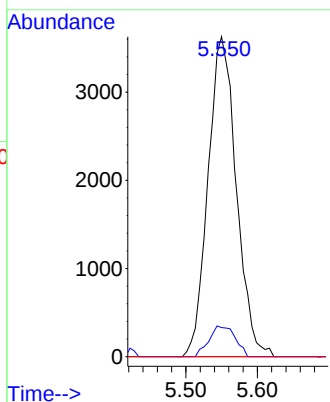


#36
1,1-Dichloropropene
Concen: 4.504 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX033812.D
Acq: 19 Jan 2023 19:26

Instrument :
MSVOA_X
ClientSampleId :

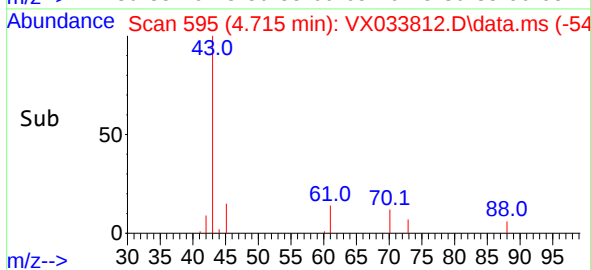
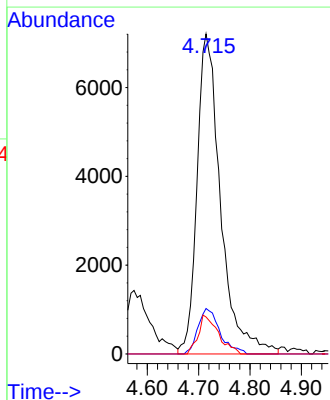
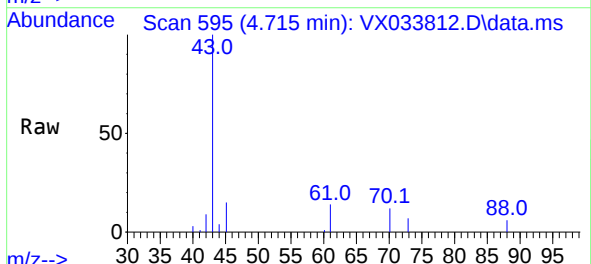


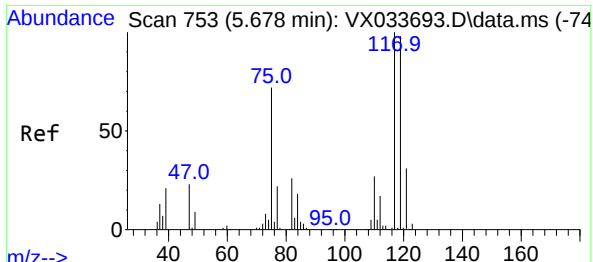
Tgt Ion: 75 Resp: 9961
Ion Ratio Lower Upper
75 100
110 8.8 18.8 56.4#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 8.496 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX033812.D
Acq: 19 Jan 2023 19:26

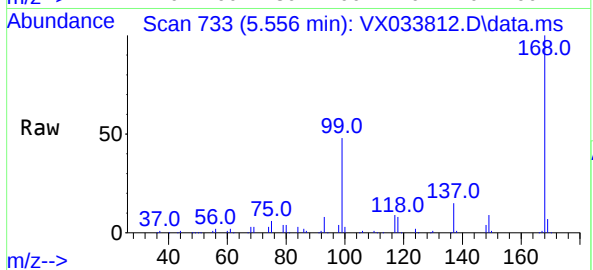
Tgt Ion: 43 Resp: 22933
Ion Ratio Lower Upper
43 100
61 13.2 11.1 16.7
70 10.4 8.5 12.7



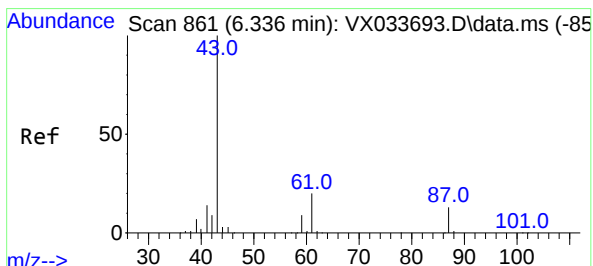
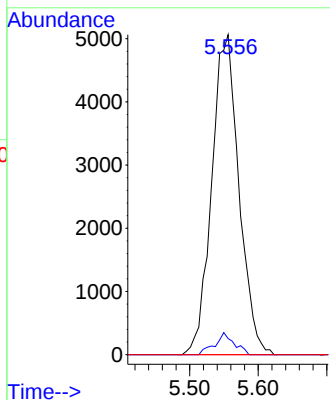
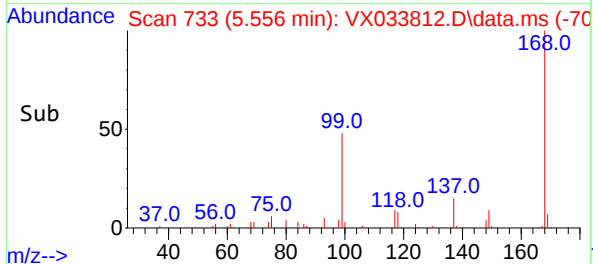


#38
Carbon Tetrachloride
Concen: 6.100 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX033812.D
Acq: 19 Jan 2023 19:26

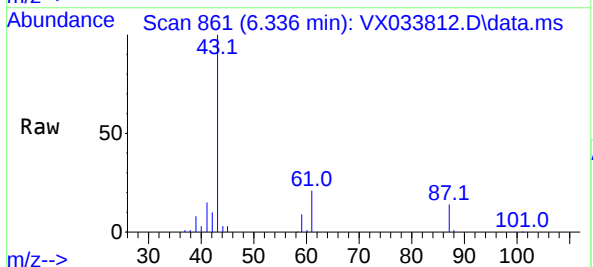
Instrument :
MSVOA_X
ClientSampleId :



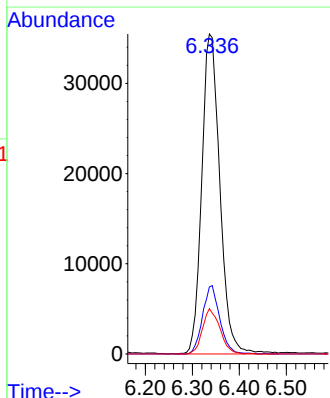
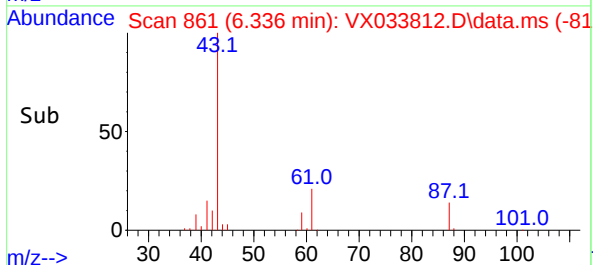
Tgt Ion:117 Resp: 13970
Ion Ratio Lower Upper
117 100
119 5.0 78.0 117.0#
121 0.0 24.4 36.6#

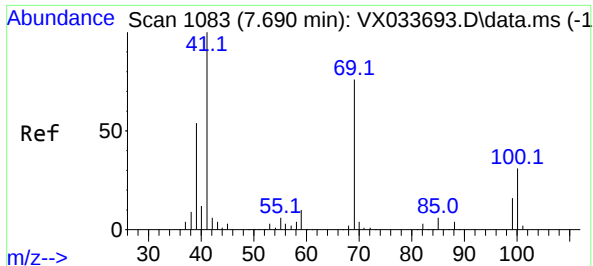


#43
Isopropyl Acetate
Concen: 27.232 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX033812.D
Acq: 19 Jan 2023 19:26



Tgt Ion: 43 Resp: 95068
Ion Ratio Lower Upper
43 100
61 20.2 15.7 23.5
87 13.6 10.6 15.8





#48

Methyl methacrylate

Concen: 44.257 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.104 min

Lab File: VX033812.D

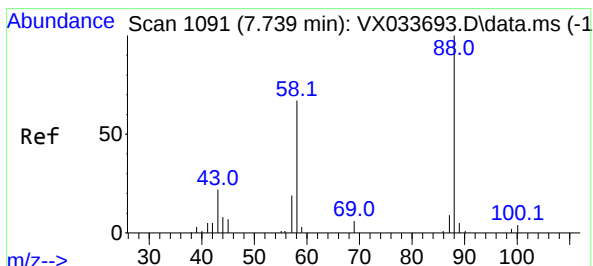
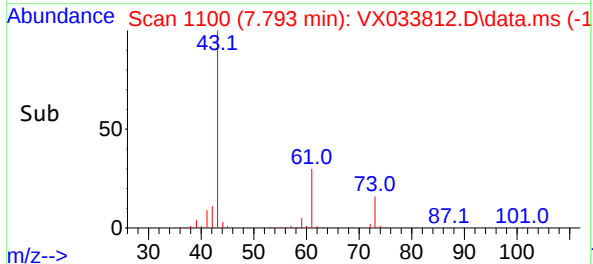
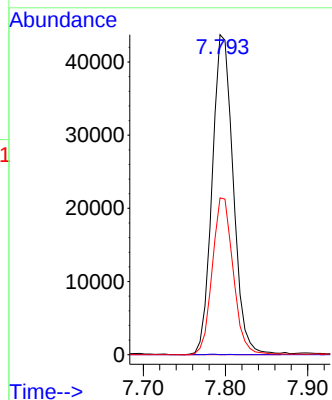
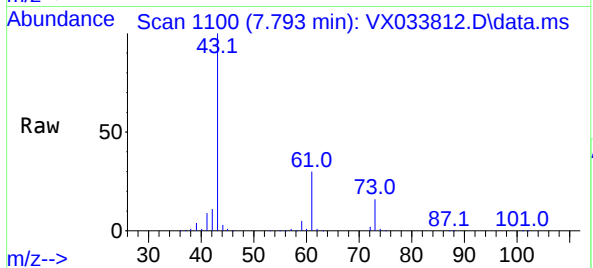
Acq: 19 Jan 2023 19:26

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	41	Resp:	77828
Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.1	94.7#
39	48.8	43.2	64.8



#49

1,4-Dioxane

Concen: 1.234 ug/l

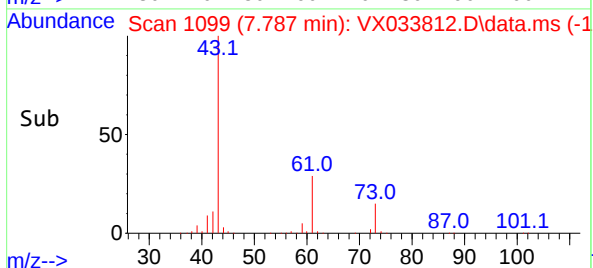
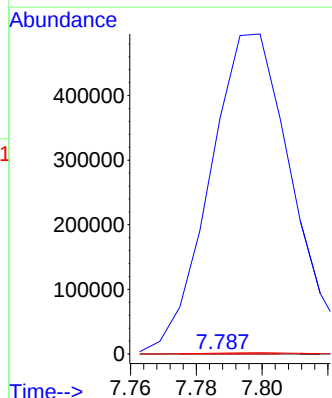
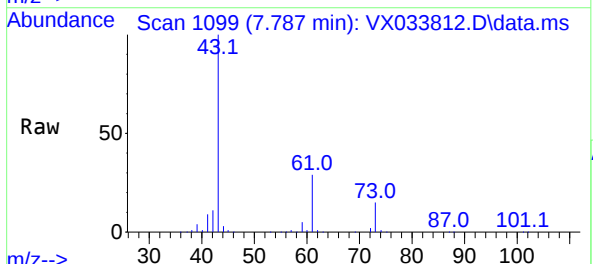
RT: 7.787 min Scan# 1099

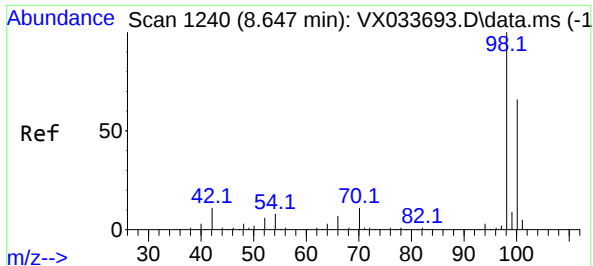
Delta R.T. 0.049 min

Lab File: VX033812.D

Acq: 19 Jan 2023 19:26

Tgt Ion:	88	Resp:	48
Ion	Ratio	Lower	Upper
88	100		
43	1816316.7	0.0	0.0#
58	6997.9	56.5	84.7#

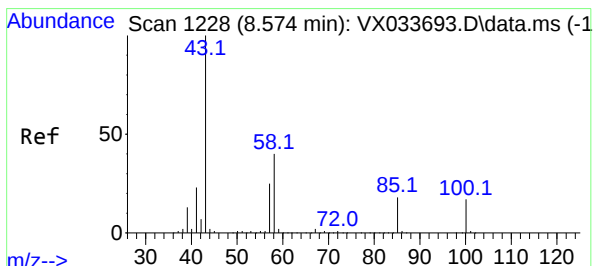
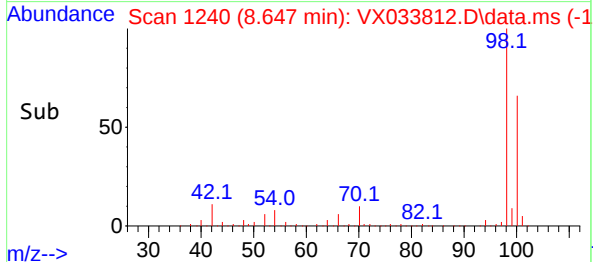
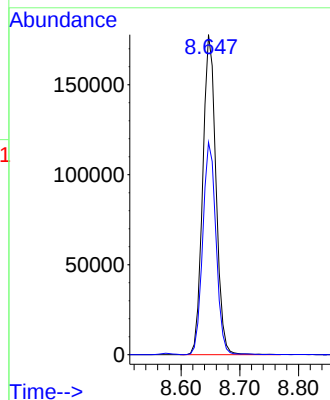
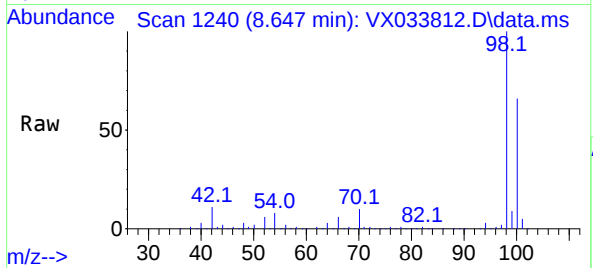




#50
Toluene-d8
Concen: 50.326 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033812.D
Acq: 19 Jan 2023 19:26

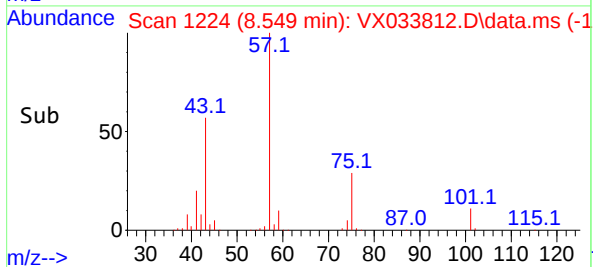
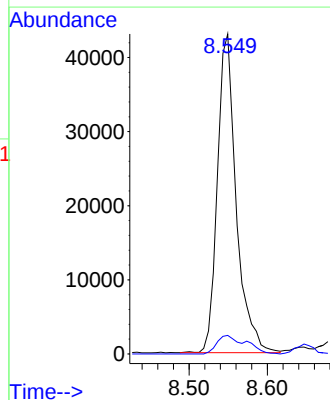
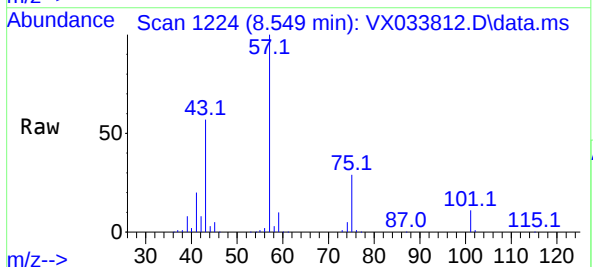
Instrument :
MSVOA_X
ClientSampleId :

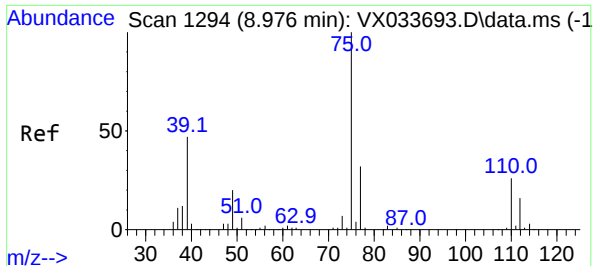
Tgt Ion: 98 Resp: 277830
Ion Ratio Lower Upper
98 100
100 66.5 53.6 80.4



#51
4-Methyl-2-Pentanone
Concen: 33.606 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX033812.D
Acq: 19 Jan 2023 19:26

Tgt Ion: 43 Resp: 72052
Ion Ratio Lower Upper
43 100
58 9.0 31.2 46.8#

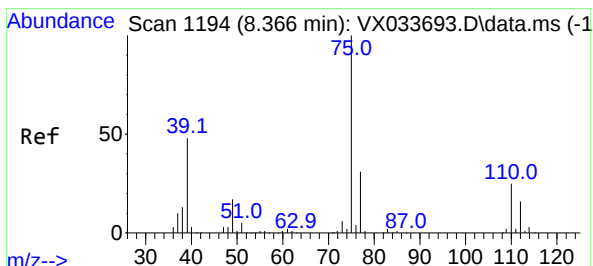
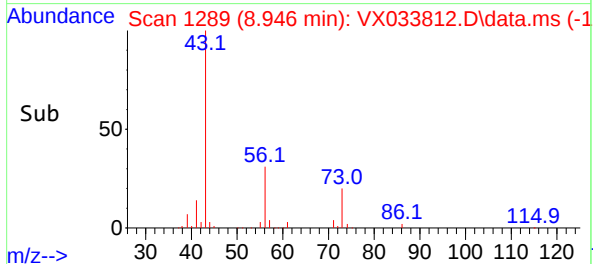
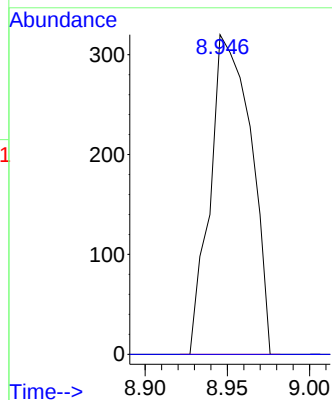
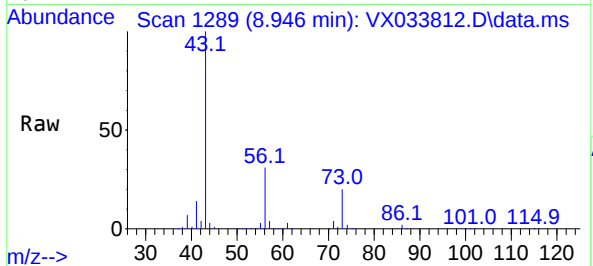




#53
t-1,3-Dichloropropene
Concen: 0.253 ug/l
RT: 8.946 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX033812.D
Acq: 19 Jan 2023 19:26

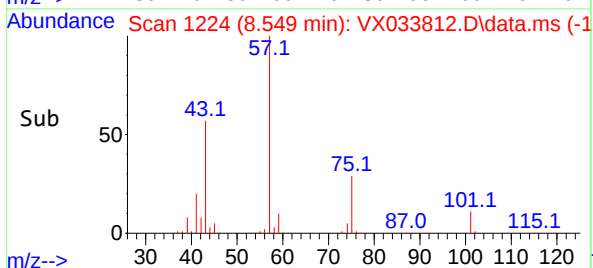
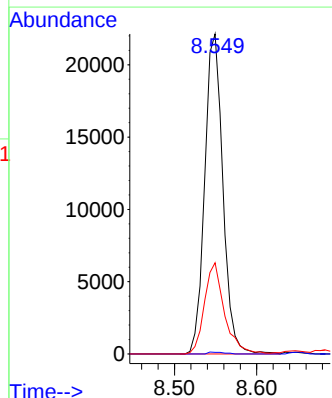
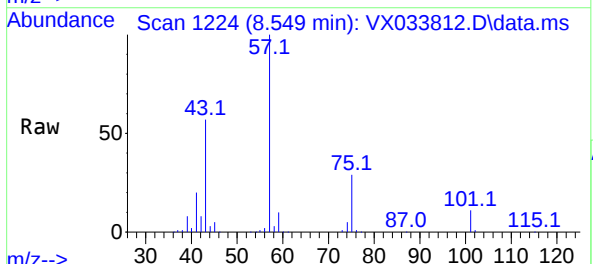
Instrument :
MSVOA_X
ClientSampleId :

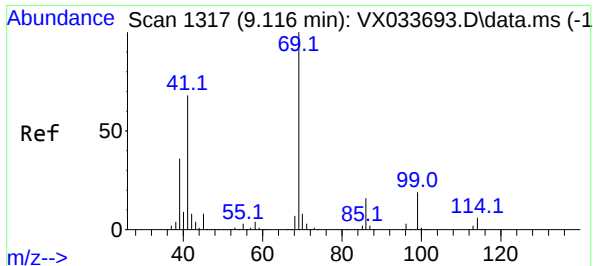
Tgt Ion: 75 Resp: 551
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#



#54
cis-1,3-Dichloropropene
Concen: 13.959 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX033812.D
Acq: 19 Jan 2023 19:26

Tgt Ion: 75 Resp: 33998
Ion Ratio Lower Upper
75 100
77 0.5 25.0 37.6#
39 28.5 38.6 58.0#





#56

Ethyl methacrylate

Concen: 0.249 ug/l

RT: 9.244 min Scan# 1

Delta R.T. 0.128 min

Lab File: VX033812.D

Acq: 19 Jan 2023 19:26

Instrument :

MSVOA_X

ClientSampleId :

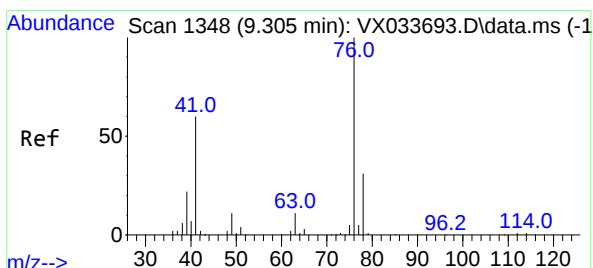
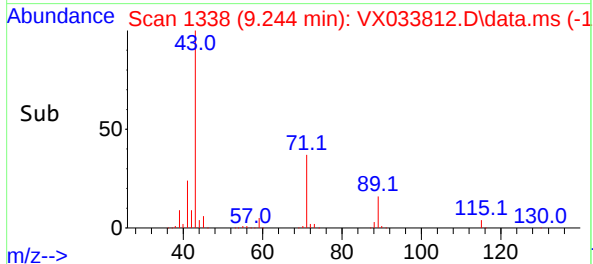
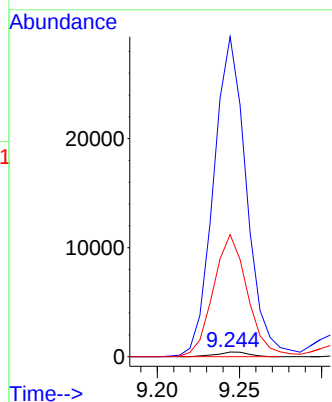
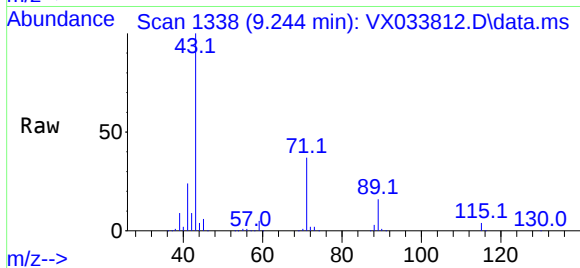
Tgt Ion: 69 Resp: 577

Ion Ratio Lower Upper

69 100

41 7116.1 55.1 82.7#

39 2817.3 28.5 42.7#



#57

1,3-Dichloropropane

Concen: 1.575 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX033812.D

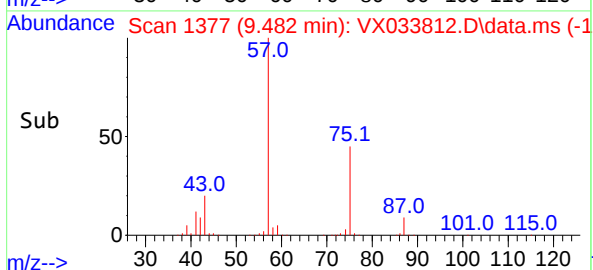
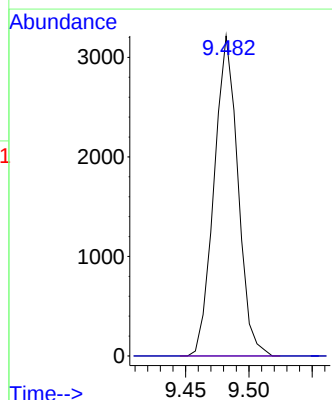
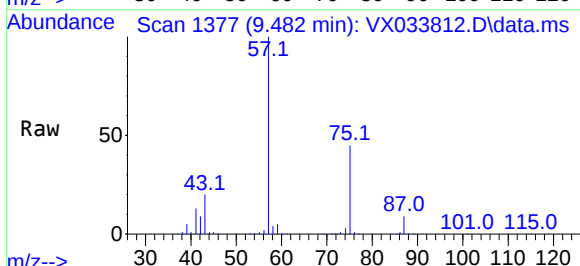
Acq: 19 Jan 2023 19:26

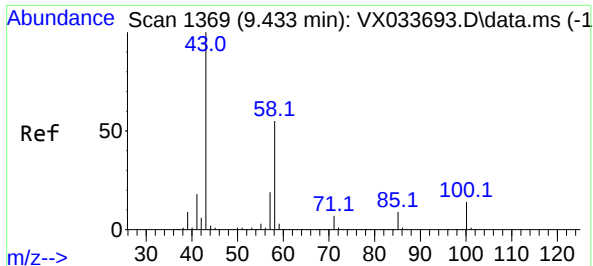
Tgt Ion: 76 Resp: 4209

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#





#59

2-Hexanone

Concen: 38.248 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.049 min

Lab File: VX033812.D

Acq: 19 Jan 2023 19:26

Instrument :

MSVOA_X

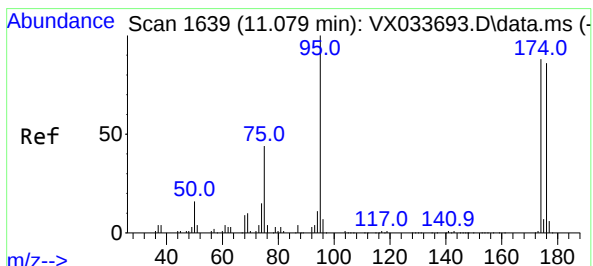
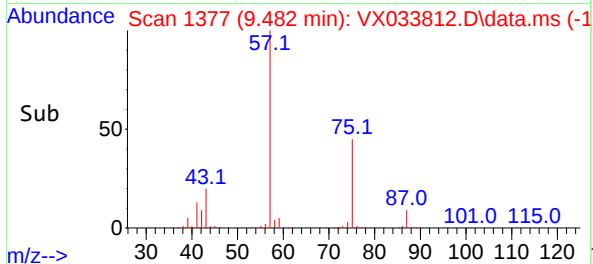
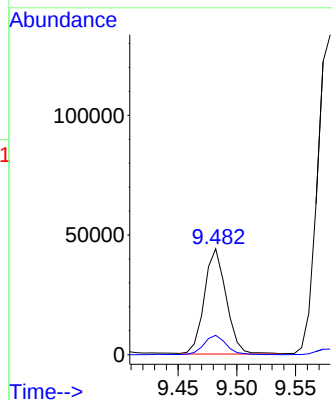
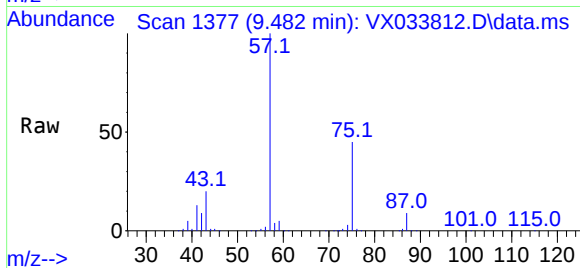
ClientSampleId :

Tgt Ion: 43 Resp: 57076

Ion Ratio Lower Upper

43 100

58 18.9 27.4 82.0#



#62

4-Bromofluorobenzene

Concen: 46.896 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX033812.D

Acq: 19 Jan 2023 19:26

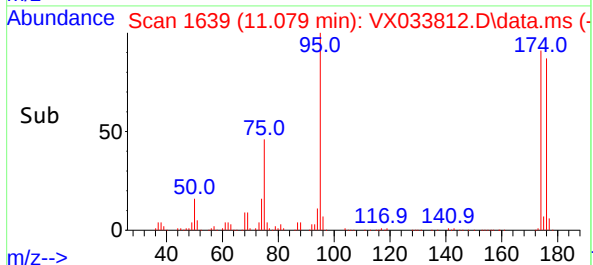
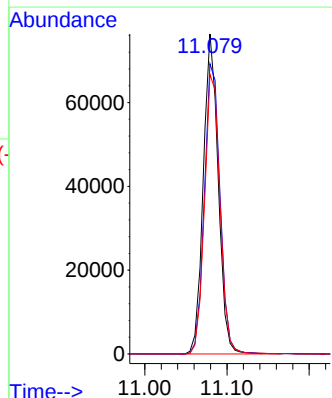
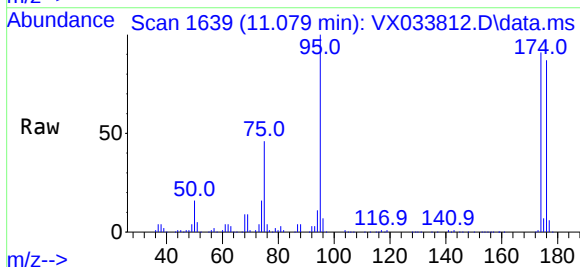
Tgt Ion: 95 Resp: 96124

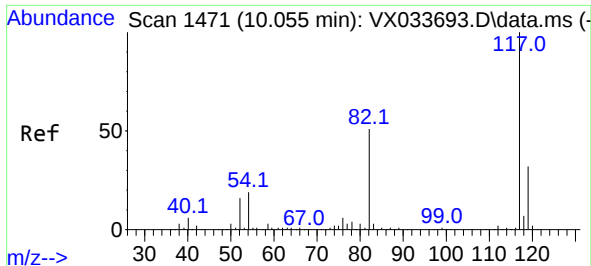
Ion Ratio Lower Upper

95 100

174 95.4 0.0 184.4

176 91.0 0.0 178.8

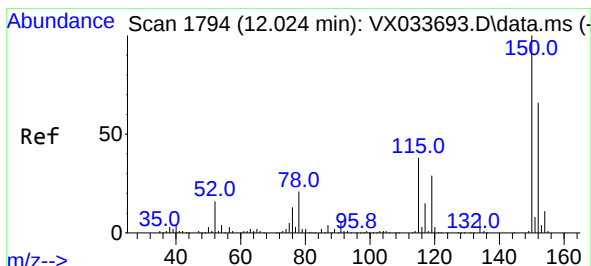
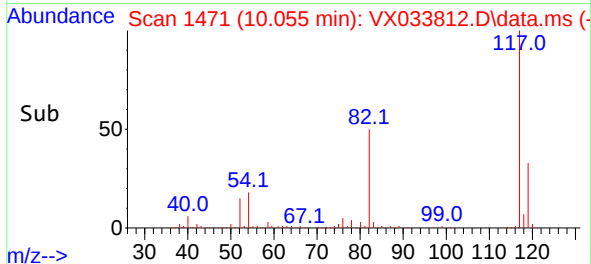
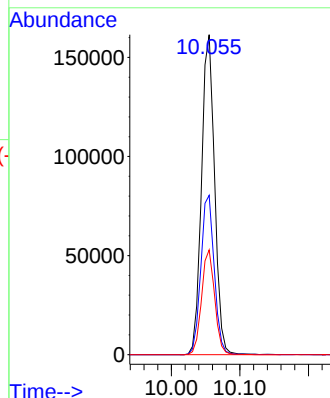
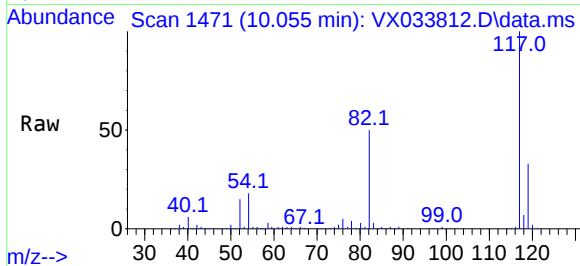




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033812.D
Acq: 19 Jan 2023 19:26

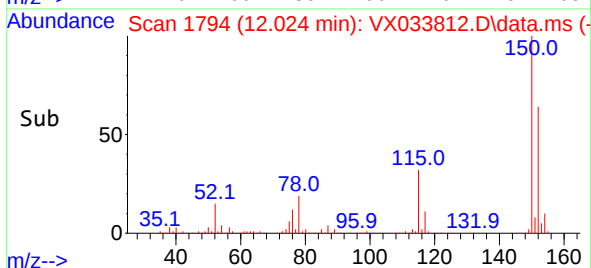
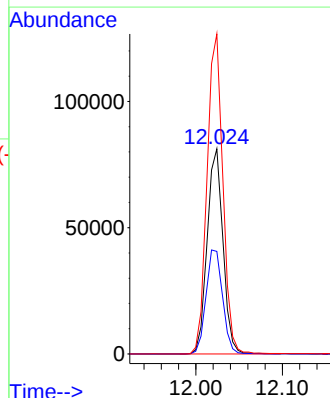
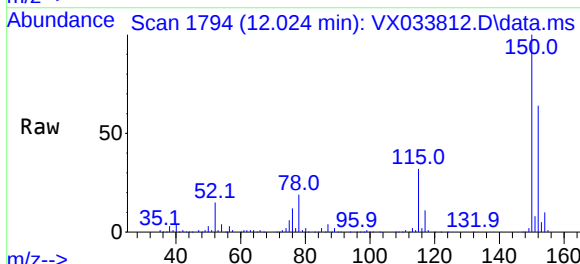
Instrument :
MSVOA_X
ClientSampleId :

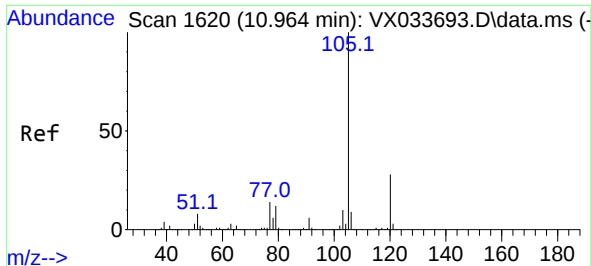
Tgt Ion:117 Resp: 215558
Ion Ratio Lower Upper
117 100
82 49.8 40.6 60.8
119 32.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033812.D
Acq: 19 Jan 2023 19:26

Tgt Ion:152 Resp: 103147
Ion Ratio Lower Upper
152 100
115 53.3 38.7 116.1
150 156.0 0.0 348.2

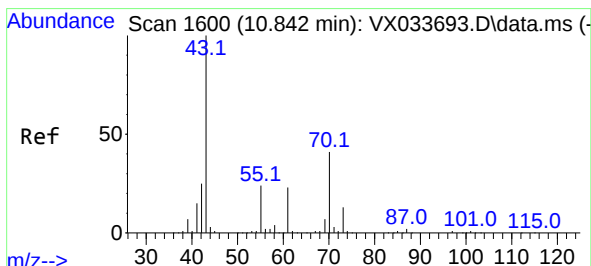
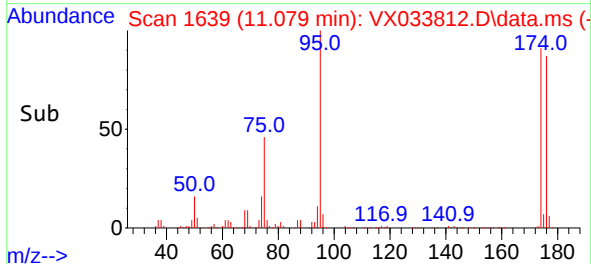
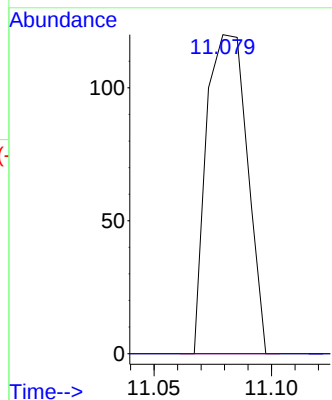
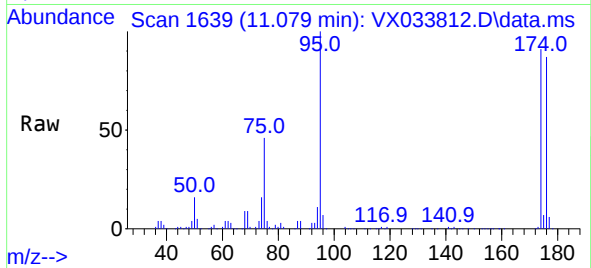




#73
Isopropylbenzene
Concen: Below Cal
RT: 11.079 min Scan# 1
Delta R.T. 0.115 min
Lab File: VX033812.D
Acq: 19 Jan 2023 19:26

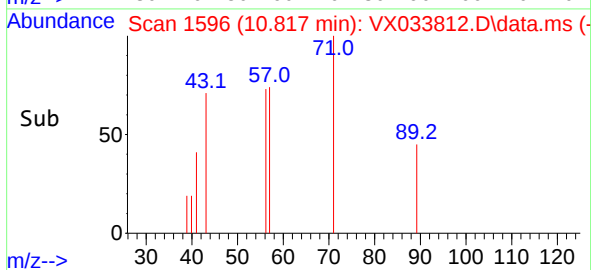
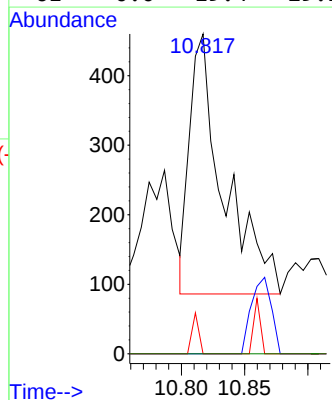
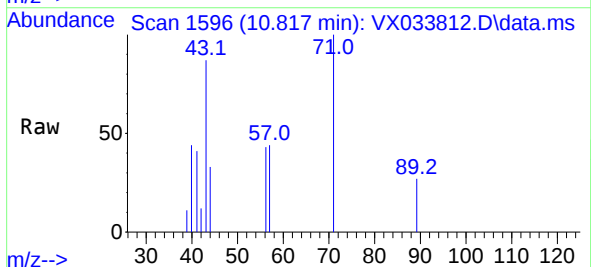
Instrument :
MSVOA_X
ClientSampleId :

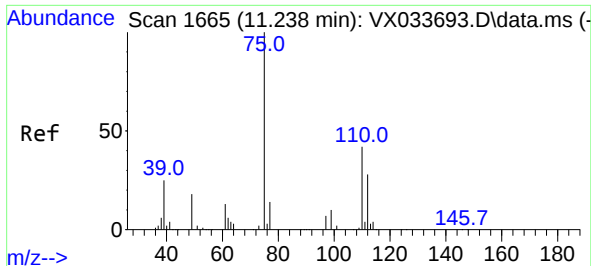
Tgt Ion:105 Resp: 144
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#



#74
N-ethyl acetate
Concen: 0.259 ug/l
RT: 10.817 min Scan# 1596
Delta R.T. -0.024 min
Lab File: VX033812.D
Acq: 19 Jan 2023 19:26

Tgt Ion: 43 Resp: 701
Ion Ratio Lower Upper
43 100
70 0.0 34.8 52.2#
55 3.1 19.4 29.0#
61 0.0 19.4 29.2#

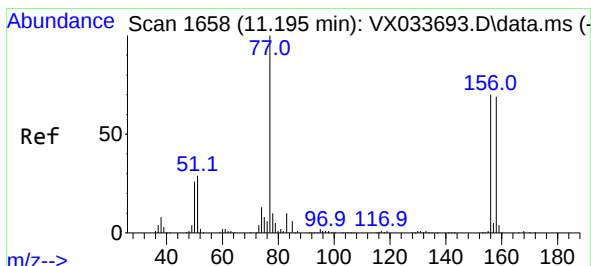
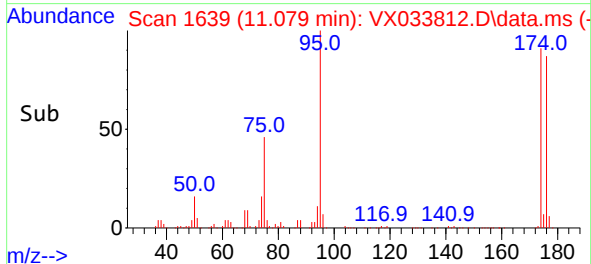
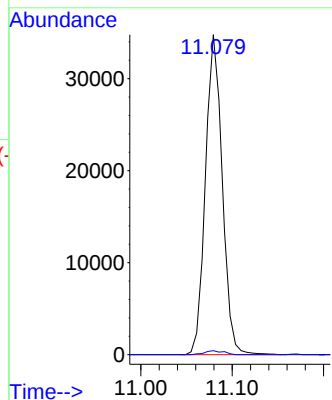
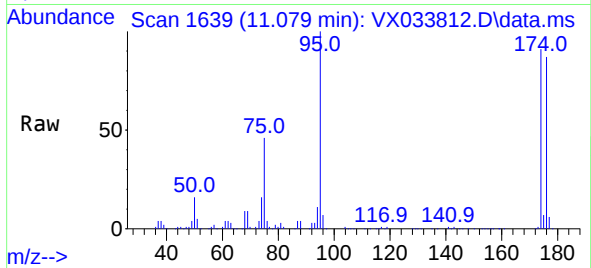




#76
1,2,3-Trichloropropane
Concen: 23.402 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033812.D
Acq: 19 Jan 2023 19:26

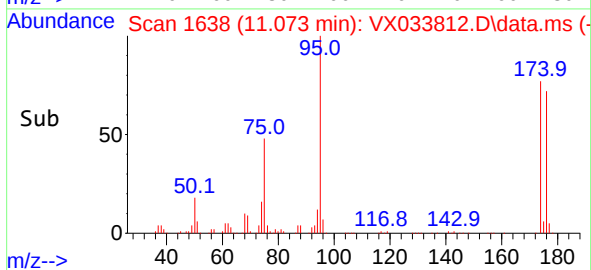
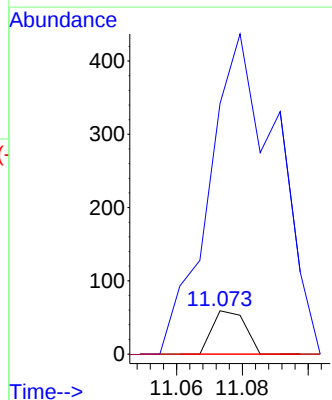
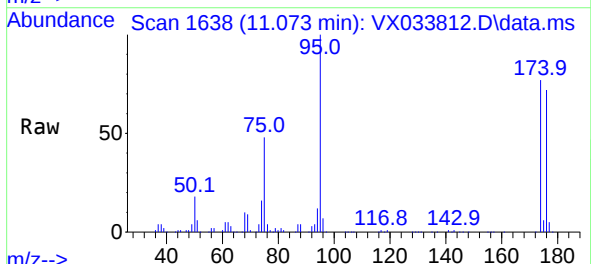
Instrument :
MSVOA_X
ClientSampleId :

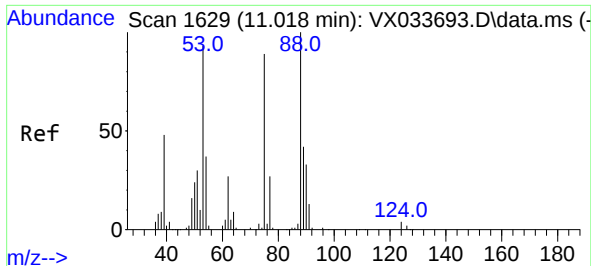
Tgt Ion: 75 Resp: 44351
Ion Ratio Lower Upper
75 100
77 1.4 21.8 65.4#



#77
Bromobenzene
Concen: Below Cal
RT: 11.073 min Scan# 1638
Delta R.T. -0.122 min
Lab File: VX033812.D
Acq: 19 Jan 2023 19:26

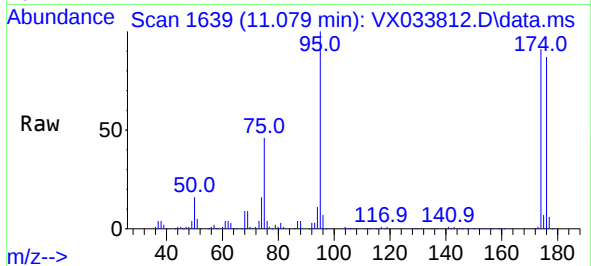
Tgt Ion:156 Resp: 41
Ion Ratio Lower Upper
156 100
77 1531.7 68.1 204.3#
158 0.0 48.0 144.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.731 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033812.D
 Acq: 19 Jan 2023 19:26

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 44351
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.0 124.6#
 89 0.0 37.7 56.5#

