

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052223\
 Data File : VX035775.D
 Acq On : 22 May 2023 11:14
 Operator : JC/MD
 Sample : VX0522MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522MBL01

Quant Time: May 23 06:07:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

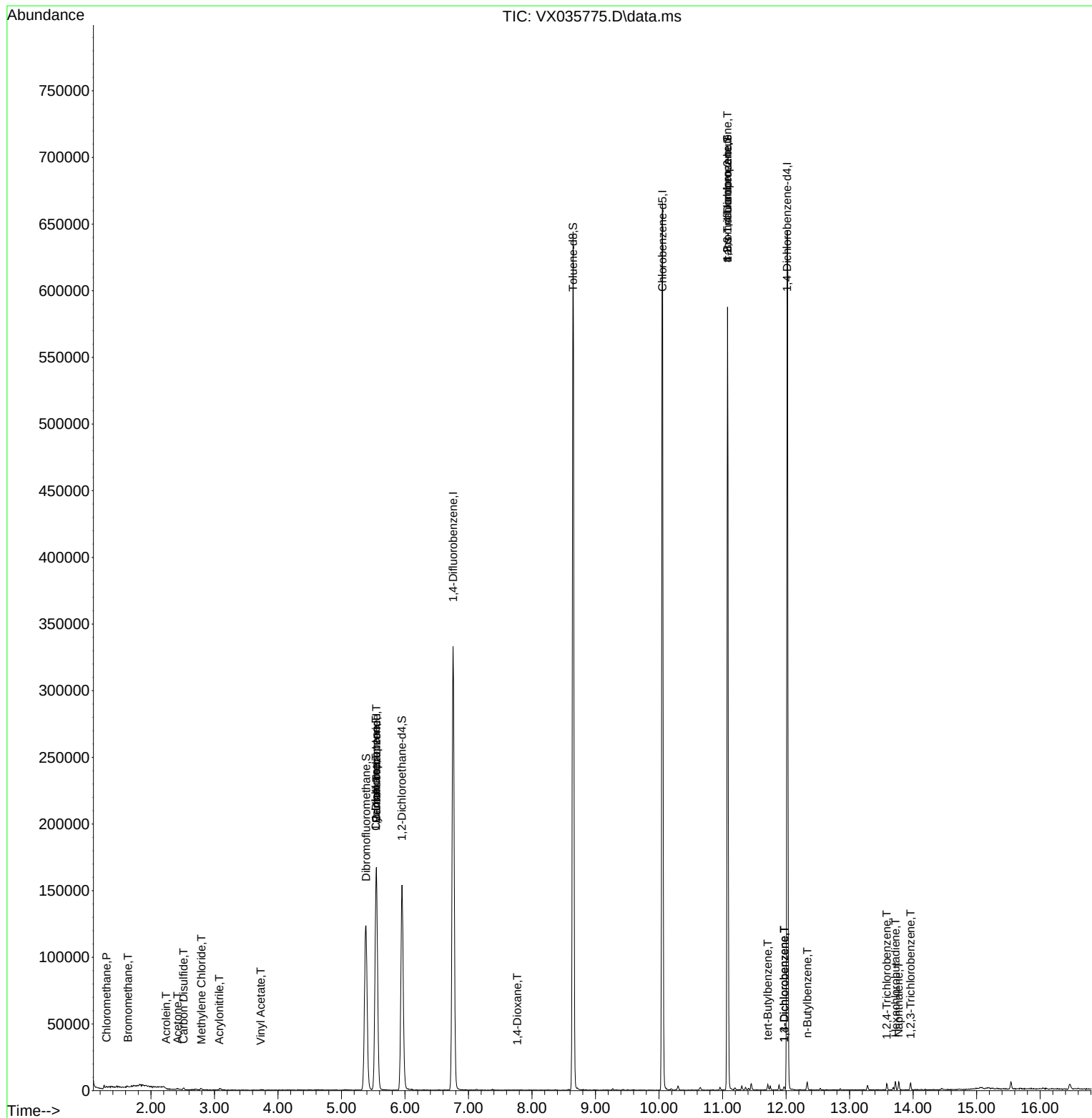
Internal Standards						
1) Pentafluorobenzene	5.550	168	142015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	312864	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	283892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	115598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	152366	61.500	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 123.000%#	
35) Dibromofluoromethane	5.385	113	107296	50.853	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.700%	
50) Toluene-d8	8.647	98	362056	46.449	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 92.900%	
62) 4-Bromofluorobenzene	11.079	95	153520	48.916	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.840%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	472	0.210	ug/l #	80
5) Bromomethane	1.636	94	265	0.257	ug/l #	2
13) Acrolein	2.239	56	170	0.328	ug/l #	53
15) Acrylonitrile	3.075	53	460	0.478	ug/l #	65
16) Acetone	2.416	43	907	0.852	ug/l	97
17) Carbon Disulfide	2.514	76	1583	0.415	ug/l #	90
20) Methylene Chloride	2.794	84	612	0.317	ug/l #	59
23) Vinyl Acetate	3.727	43	952	0.203	ug/l #	72
31) Cyclohexane	5.544	56	4004	1.279	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	13853	4.159	ug/l #	50
38) Carbon Tetrachloride	5.550	117	16773	5.316	ug/l #	18
49) 1,4-Dioxane	7.769	88	51	2.770	ug/l #	30
76) 1,2,3-Trichloropropane	11.079	75	86547	30.608	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	86547	98.646	ug/l #	8
83) tert-Butylbenzene	11.713	119	1619	0.201	ug/l	92
87) 1,3-Dichlorobenzene	11.969	146	932	0.222	ug/l	98
88) 1,4-Dichlorobenzene	11.969	146	932	0.220	ug/l	99
89) n-Butylbenzene	12.335	91	1900	0.251	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	1050	0.424	ug/l	92
94) Hexachlorobutadiene	13.725	225	811	0.825	ug/l	85
95) Naphthalene	13.774	128	3921	0.462	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	1191	0.489	ug/l	95

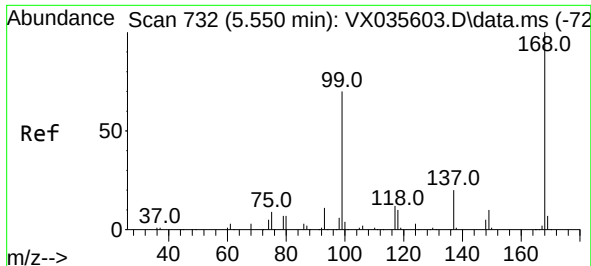
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052223\
Data File : VX035775.D
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Sample : VX0522MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0522MBL01

Quant Time: May 23 06:07:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

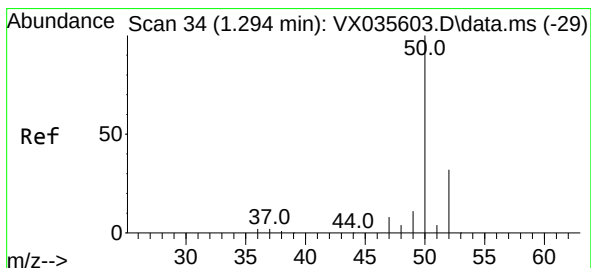
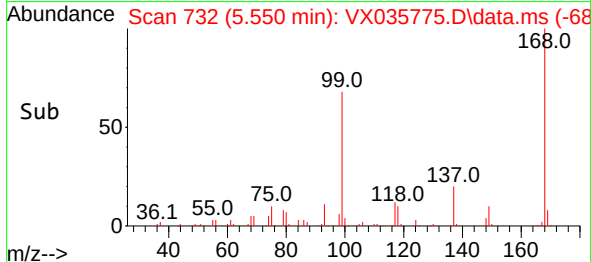
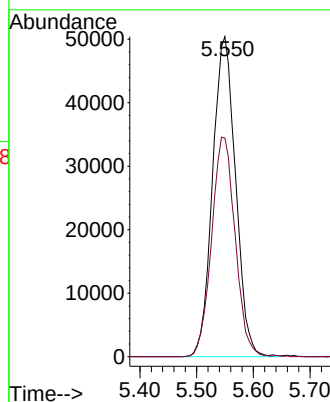
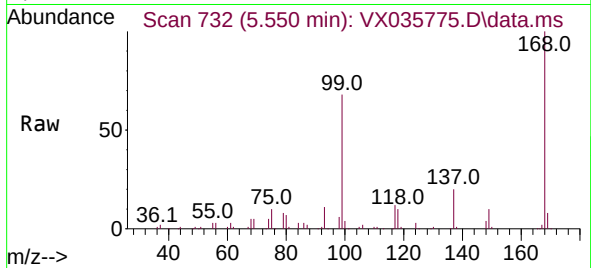




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035775.D
Acq: 22 May 2023 11:14

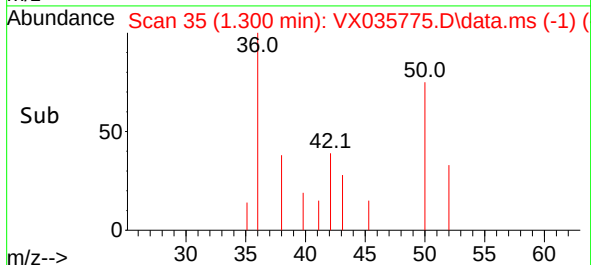
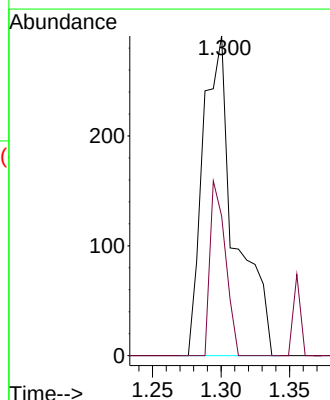
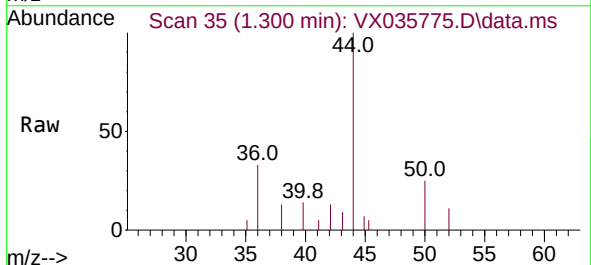
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBL01

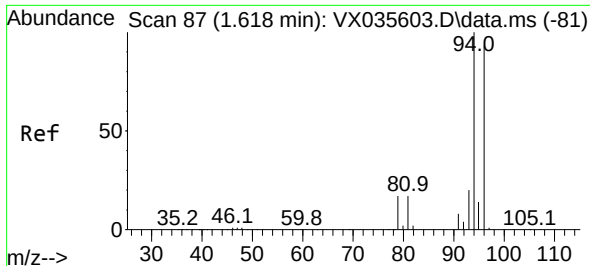
Tgt Ion:168 Resp: 142015
Ion Ratio Lower Upper
168 100
99 68.3 45.7 68.5



#3
Chloromethane
Concen: 0.210 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX035775.D
Acq: 22 May 2023 11:14

Tgt Ion: 50 Resp: 472
Ion Ratio Lower Upper
50 100
52 43.6 25.9 38.9#

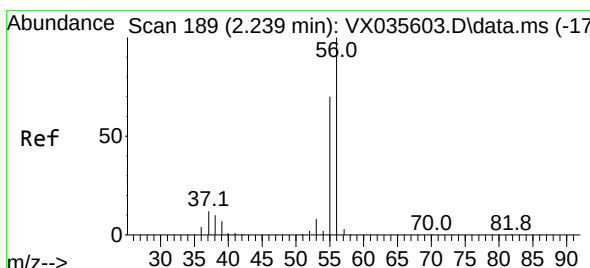
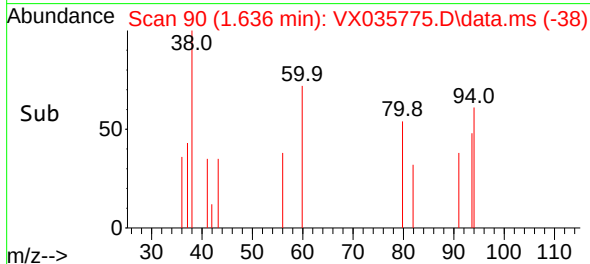
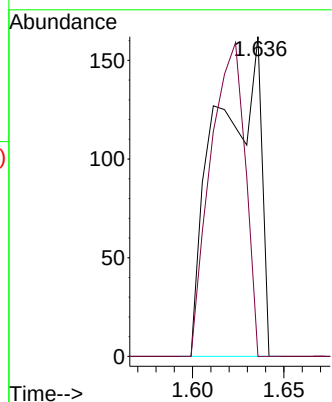
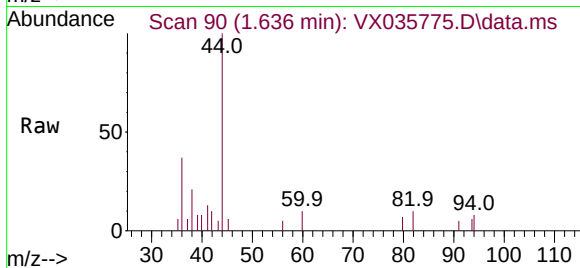




#5
Bromomethane
Concen: 0.257 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.018 min
Lab File: VX035775.D
Acq: 22 May 2023 11:14

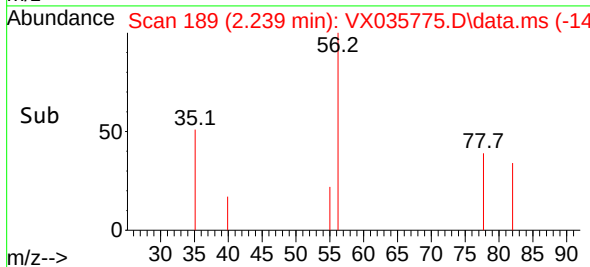
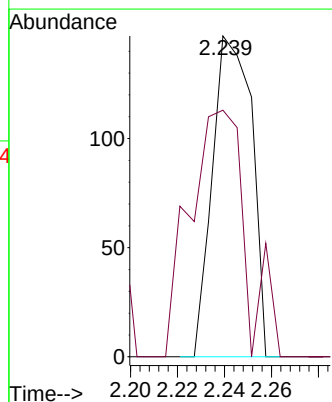
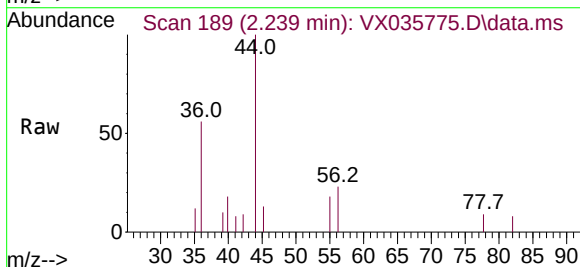
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBL01

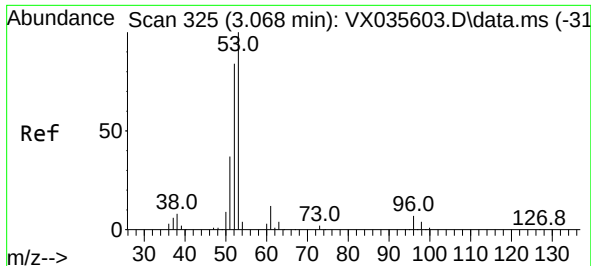
Tgt Ion: 94 Resp: 265
Ion Ratio Lower Upper
94 100
96 0.0 77.0 115.6#



#13
Acrolein
Concen: 0.328 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035775.D
Acq: 22 May 2023 11:14

Tgt Ion: 56 Resp: 170
Ion Ratio Lower Upper
56 100
55 110.0 56.6 85.0#





#15

Acrylonitrile

Concen: 0.478 ug/l

RT: 3.075 min Scan# 31

Delta R.T. 0.007 min

Lab File: VX035775.D

Acq: 22 May 2023 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBL01

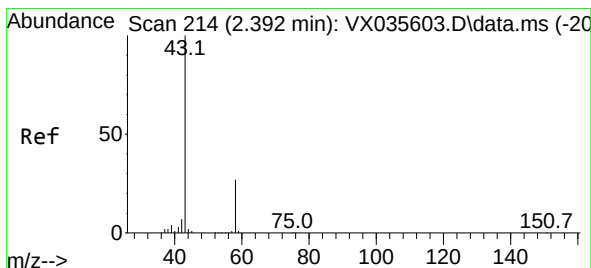
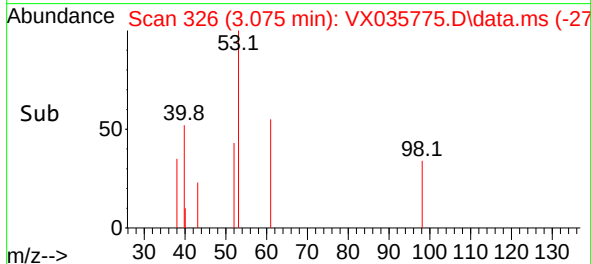
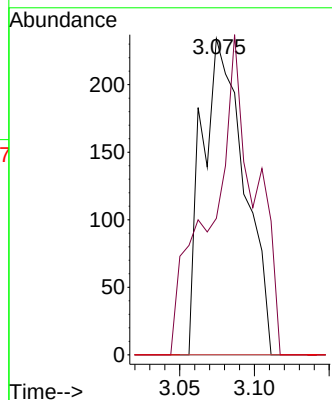
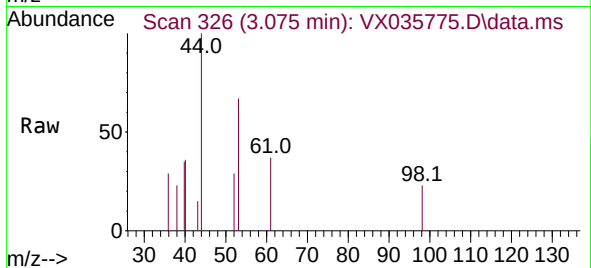
Tgt Ion: 53 Resp: 460

Ion Ratio Lower Upper

53 100

52 104.3 66.2 99.2#

51 0.0 28.3 42.5#



#16

Acetone

Concen: 0.852 ug/l

RT: 2.416 min Scan# 218

Delta R.T. 0.024 min

Lab File: VX035775.D

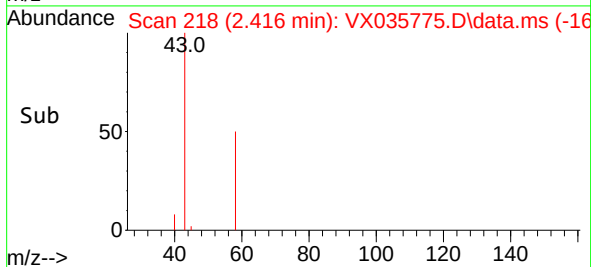
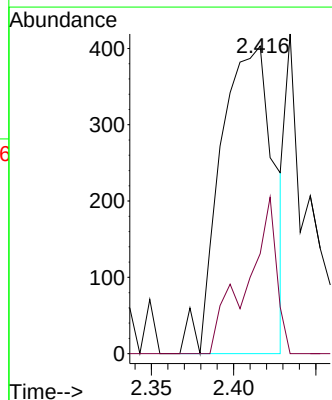
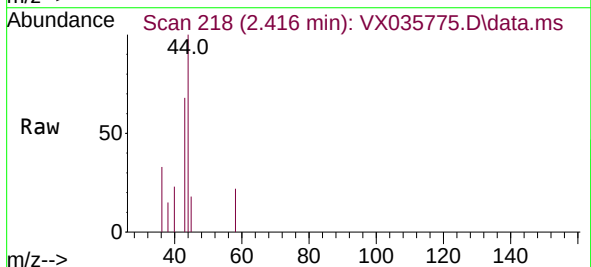
Acq: 22 May 2023 11:14

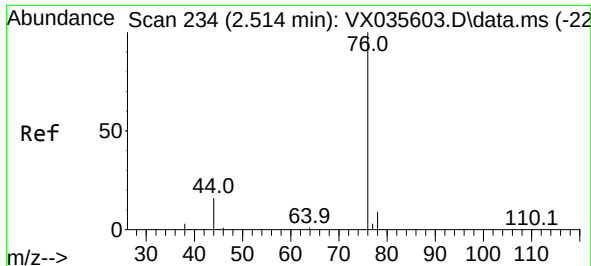
Tgt Ion: 43 Resp: 907

Ion Ratio Lower Upper

43 100

58 32.5 24.7 37.1

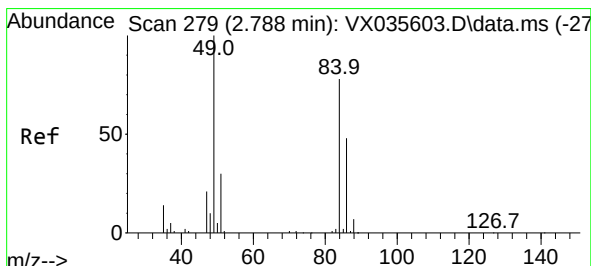
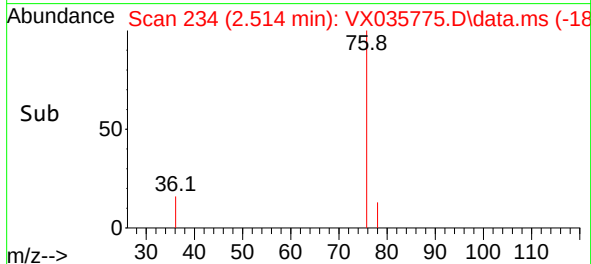
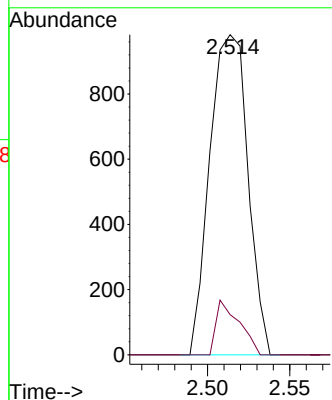
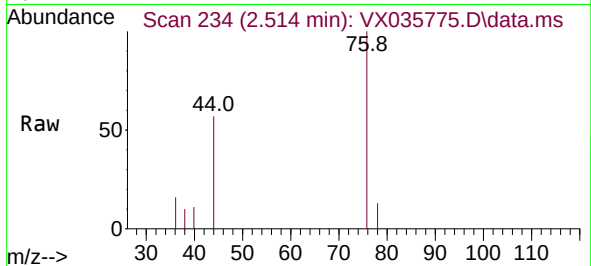




#17
Carbon Disulfide
Concen: 0.415 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035775.D
Acq: 22 May 2023 11:14

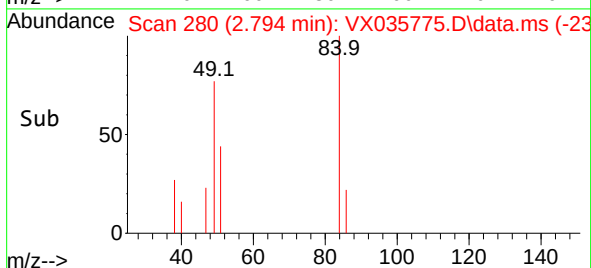
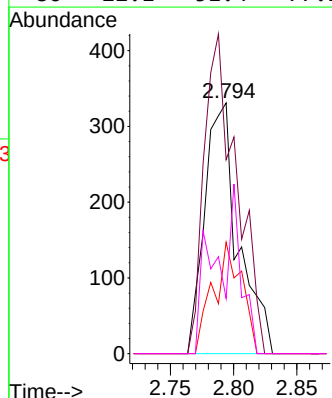
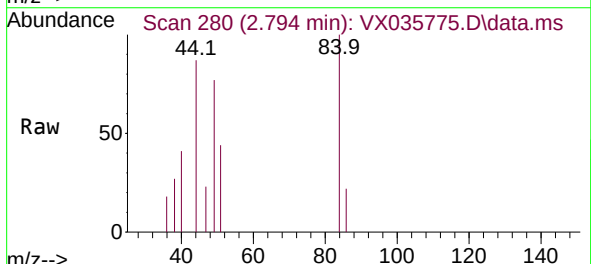
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBL01

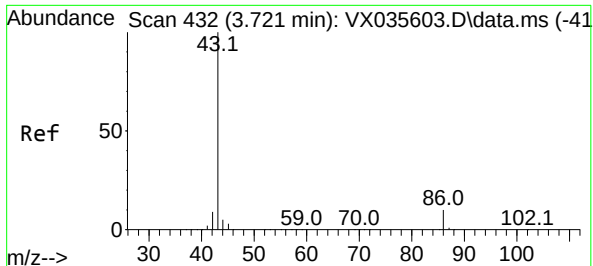
Tgt Ion: 76 Resp: 1583
Ion Ratio Lower Upper
76 100
78 12.5 7.2 10.8#



#20
Methylene Chloride
Concen: 0.317 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX035775.D
Acq: 22 May 2023 11:14

Tgt Ion: 84 Resp: 612
Ion Ratio Lower Upper
84 100
49 77.3 103.8 155.8#
51 44.4 31.8 47.8
86 22.1 51.4 77.2#

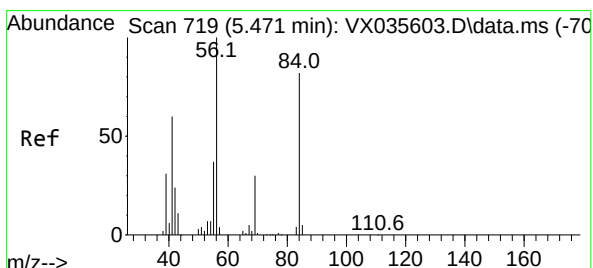
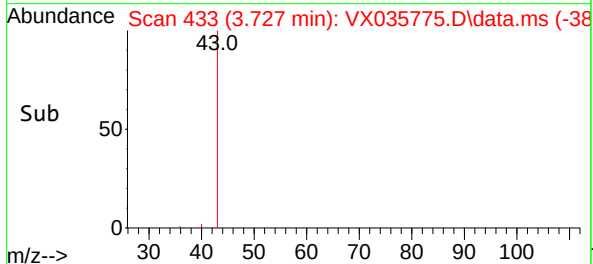
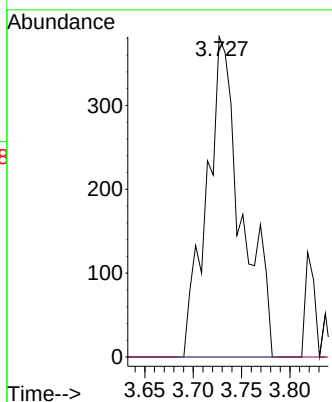
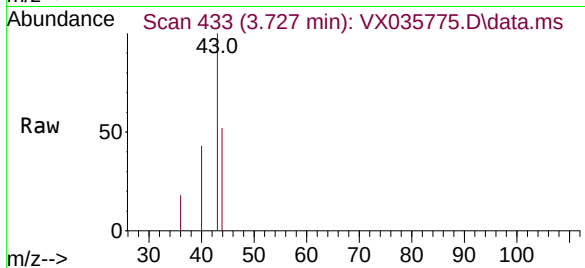




#23
 Vinyl Acetate
 Concen: 0.203 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX035775.D
 Acq: 22 May 2023 11:14

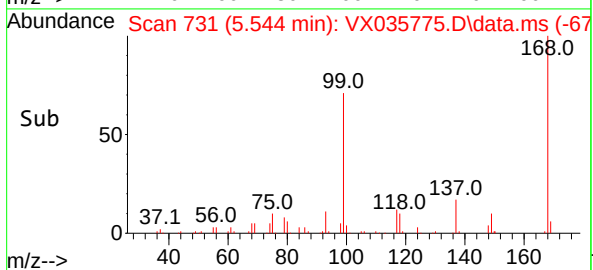
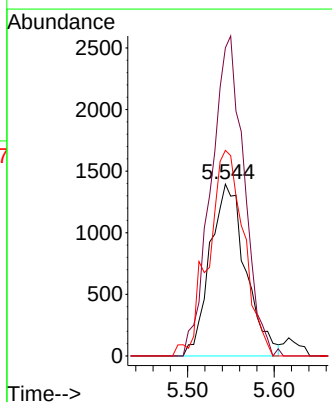
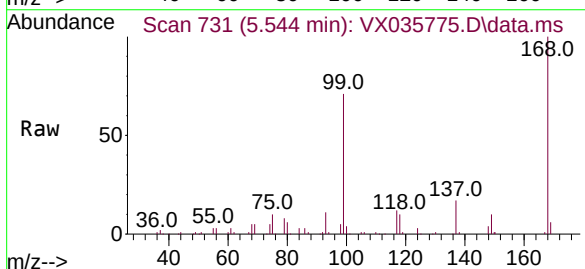
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522MBL01

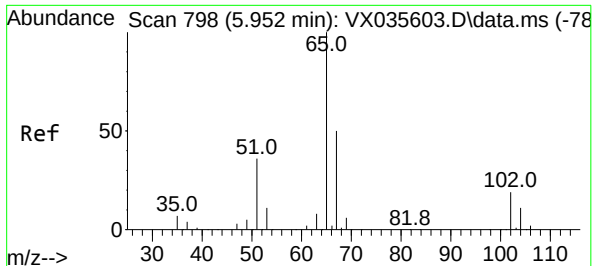
Tgt Ion: 43 Resp: 952
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.5 12.7#



#31
 Cyclohexane
 Concen: 1.279 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. 0.073 min
 Lab File: VX035775.D
 Acq: 22 May 2023 11:14

Tgt Ion: 56 Resp: 4004
 Ion Ratio Lower Upper
 56 100
 69 179.4 23.7 35.5#
 84 119.7 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 61.500 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035775.D

Acq: 22 May 2023 11:14

Instrument :

MSVOA_X

ClientSampleId :

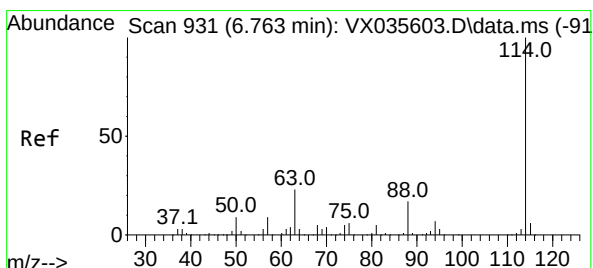
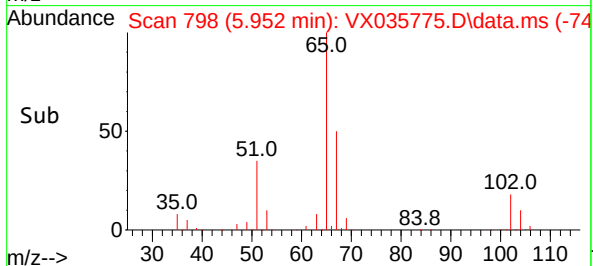
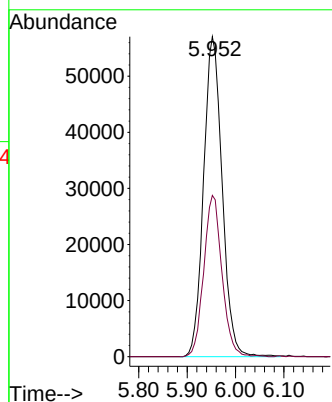
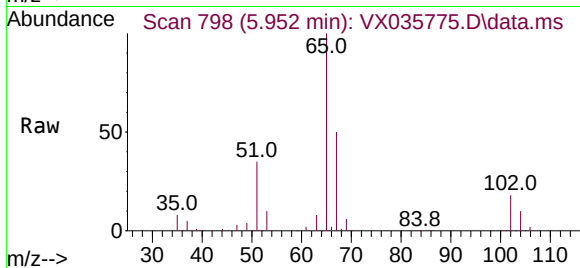
VX0522MBL01

Tgt Ion: 65 Resp: 152366

Ion Ratio Lower Upper

65 100

67 49.2 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035775.D

Acq: 22 May 2023 11:14

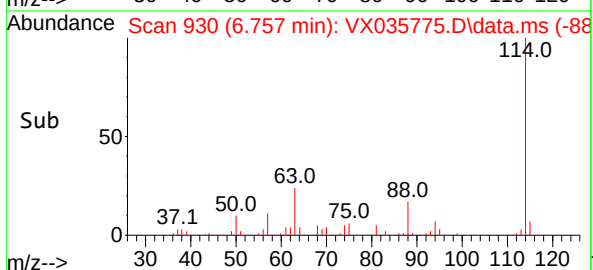
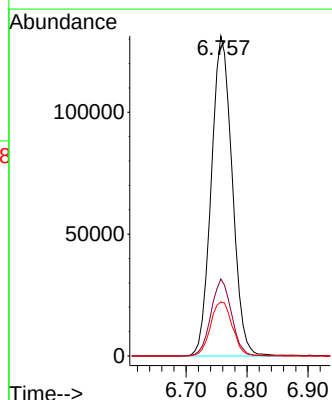
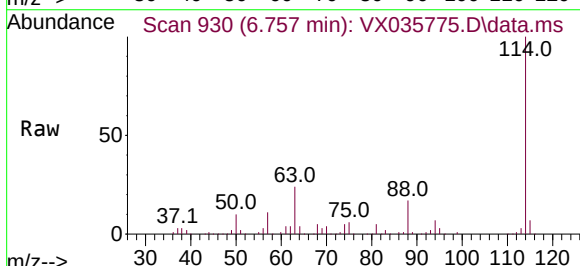
Tgt Ion: 114 Resp: 312864

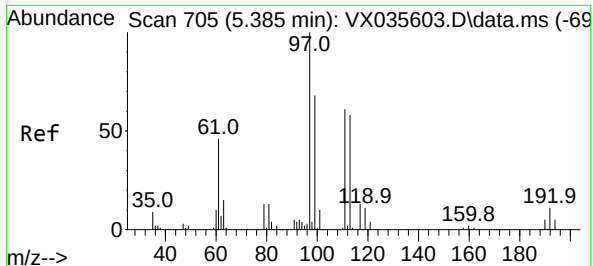
Ion Ratio Lower Upper

114 100

63 24.0 0.0 42.2

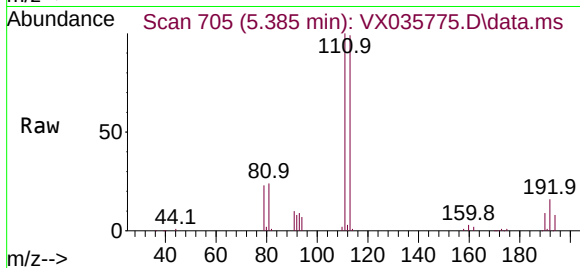
88 16.9 0.0 33.2



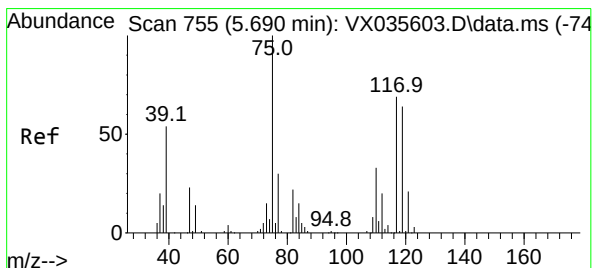
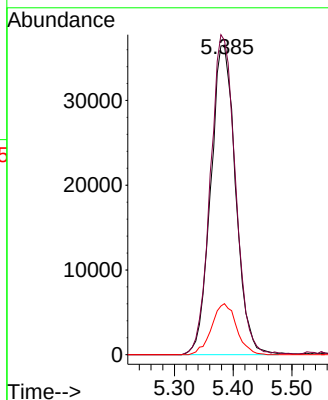
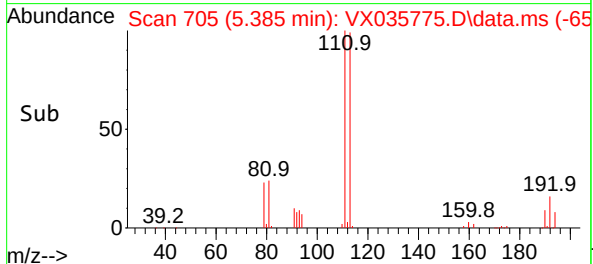


#35
Dibromofluoromethane
Concen: 50.853 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035775.D
Acq: 22 May 2023 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0522MBL01

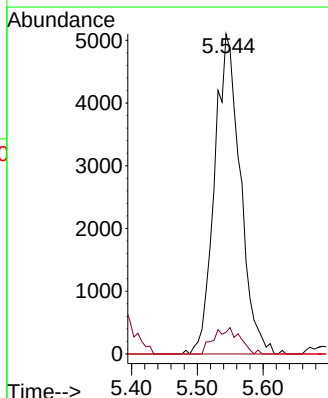
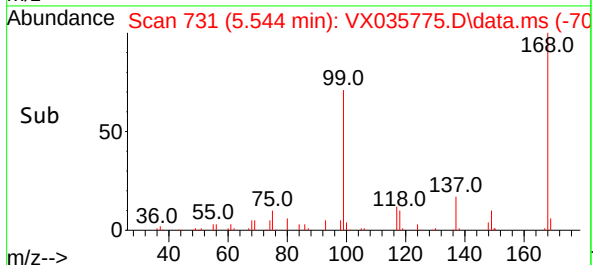
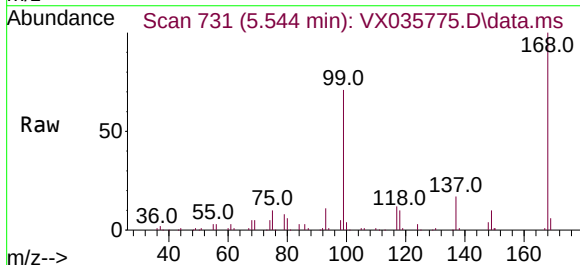


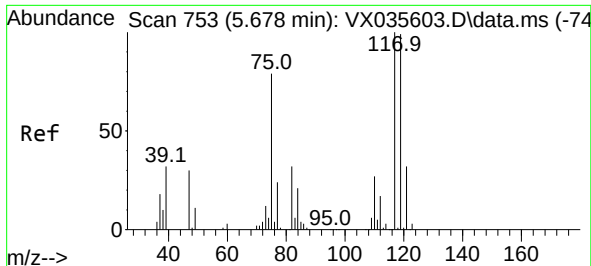
Tgt Ion:113 Resp: 107296
Ion Ratio Lower Upper
113 100
111 104.1 83.7 125.5
192 16.5 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.159 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX035775.D
Acq: 22 May 2023 11:14

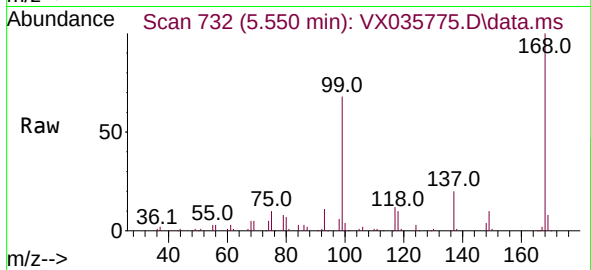
Tgt Ion: 75 Resp: 13853
Ion Ratio Lower Upper
75 100
110 8.4 17.5 52.5#
77 0.0 24.3 36.5#



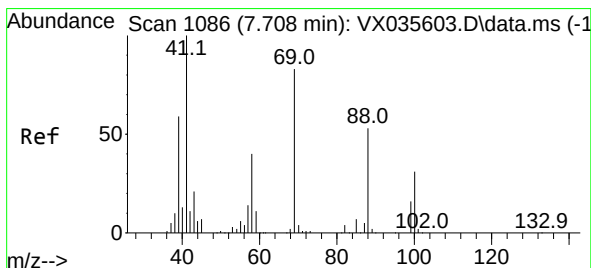
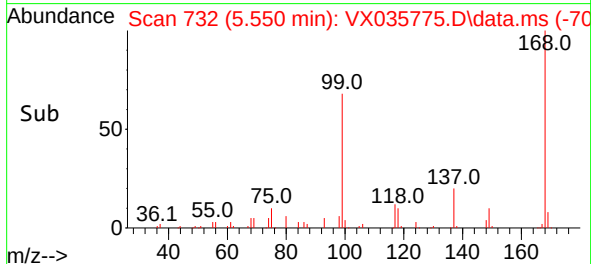
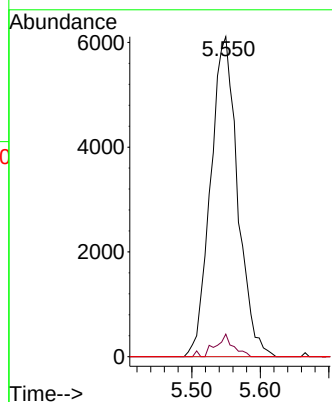


#38
Carbon Tetrachloride
Concen: 5.316 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035775.D
Acq: 22 May 2023 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0522MBL01

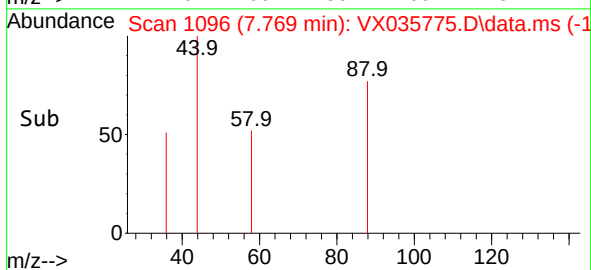
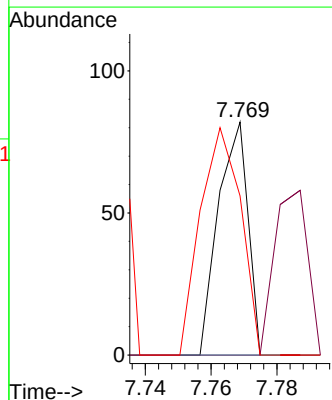
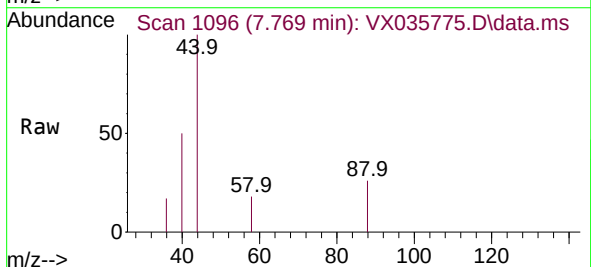


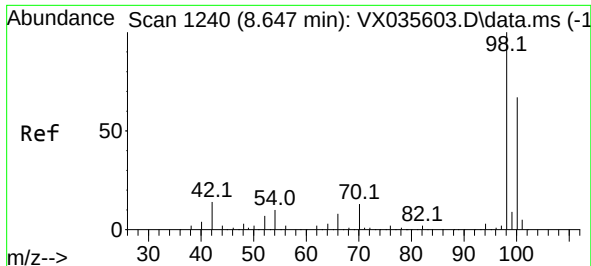
Tgt Ion:117 Resp: 16773
Ion Ratio Lower Upper
117 100
119 7.1 76.6 114.8#
121 0.0 23.8 35.6#



#49
1,4-Dioxane
Concen: 2.770 ug/l
RT: 7.769 min Scan# 1096
Delta R.T. 0.061 min
Lab File: VX035775.D
Acq: 22 May 2023 11:14

Tgt Ion: 88 Resp: 51
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 133.3 56.8 85.2#

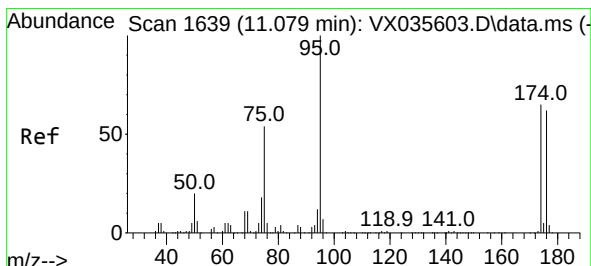
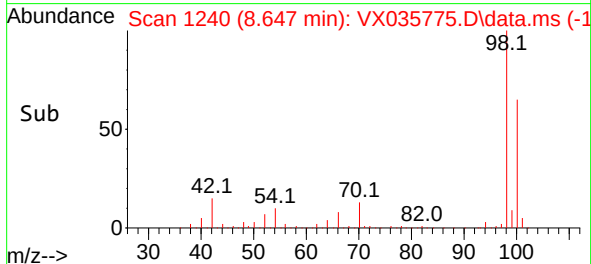
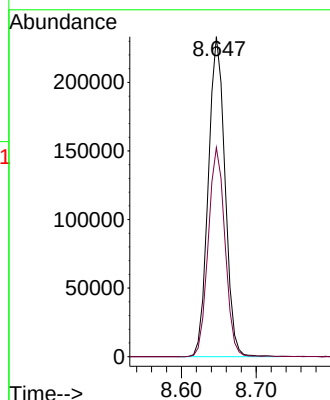
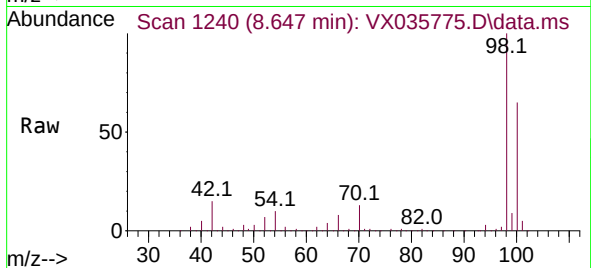




#50
Toluene-d8
Concen: 46.449 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035775.D
Acq: 22 May 2023 11:14

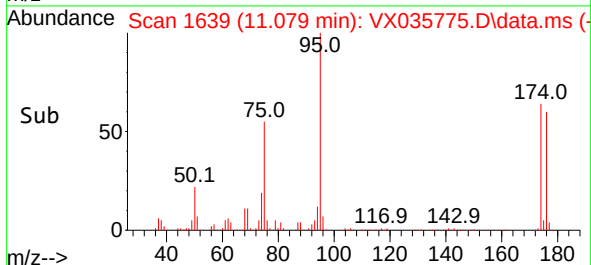
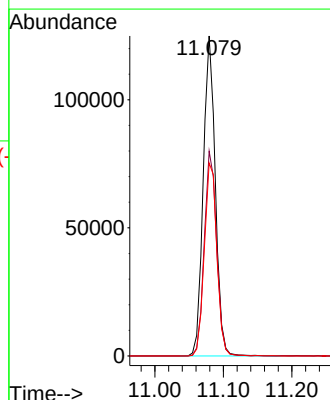
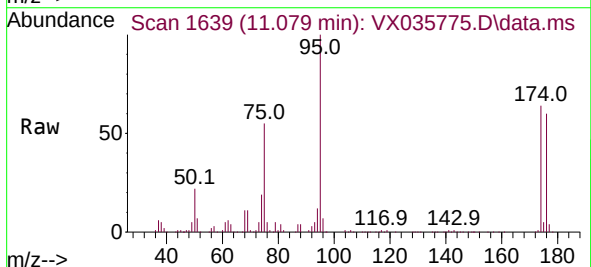
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBL01

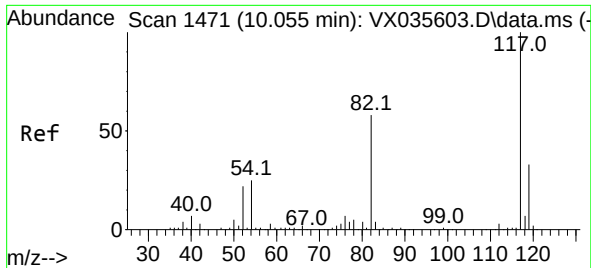
Tgt Ion: 98 Resp: 362056
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 48.916 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035775.D
Acq: 22 May 2023 11:14

Tgt Ion: 95 Resp: 153520
Ion Ratio Lower Upper
95 100
174 65.3 0.0 147.4
176 62.5 0.0 140.6

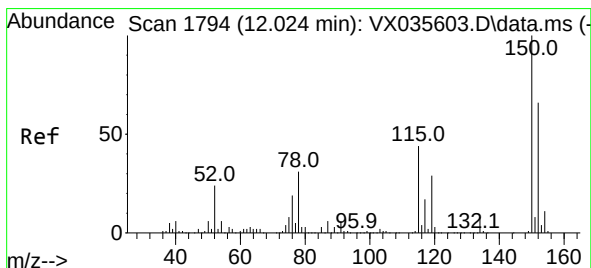
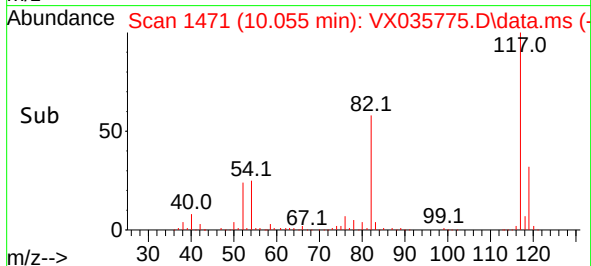
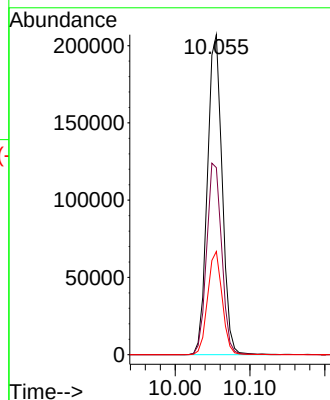
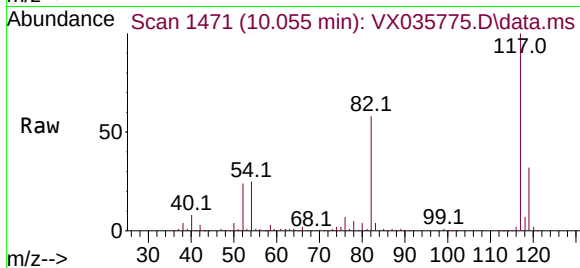




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035775.D
Acq: 22 May 2023 11:14

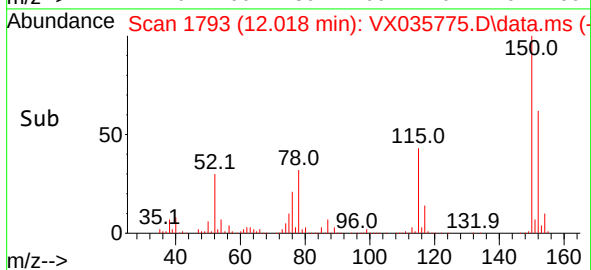
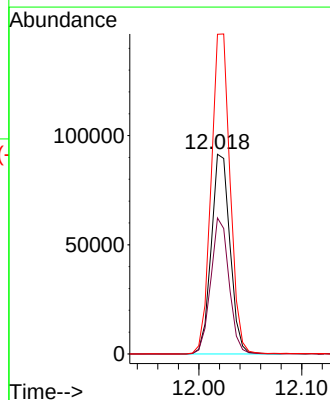
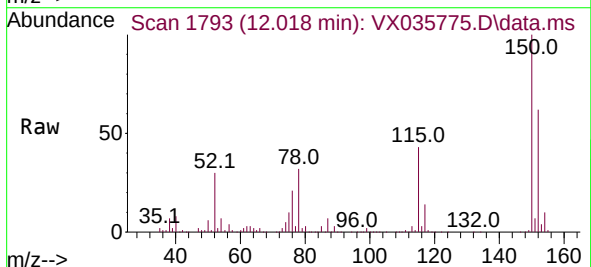
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBL01

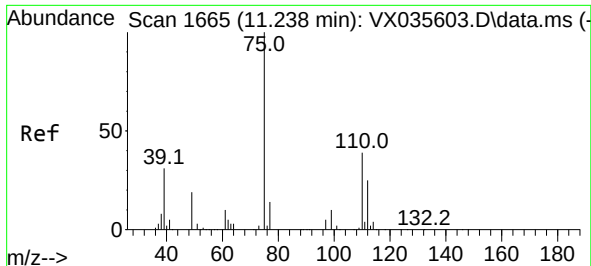
Tgt Ion:117 Resp: 283892
Ion Ratio Lower Upper
117 100
82 58.5 45.0 67.4
119 32.3 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX035775.D
Acq: 22 May 2023 11:14

Tgt Ion:152 Resp: 115598
Ion Ratio Lower Upper
152 100
115 66.3 45.0 135.0
150 162.5 0.0 352.4

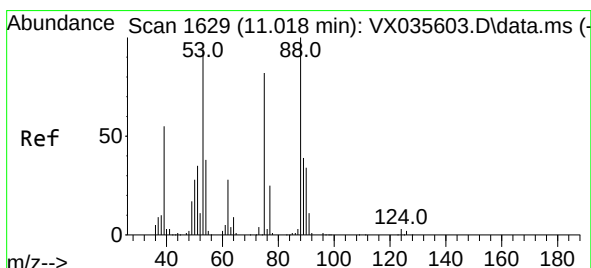
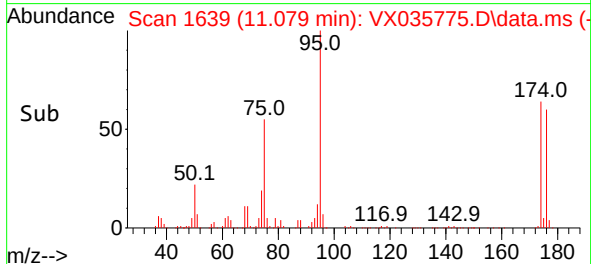
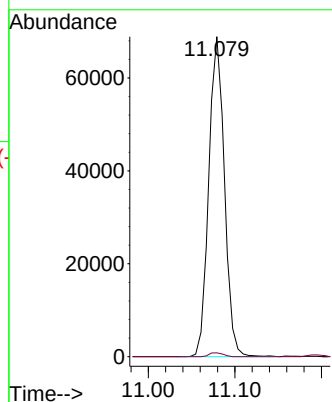
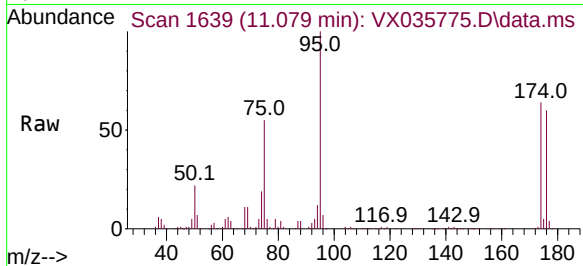




#76
1,2,3-Trichloropropane
Concen: 30.608 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035775.D
Acq: 22 May 2023 11:14

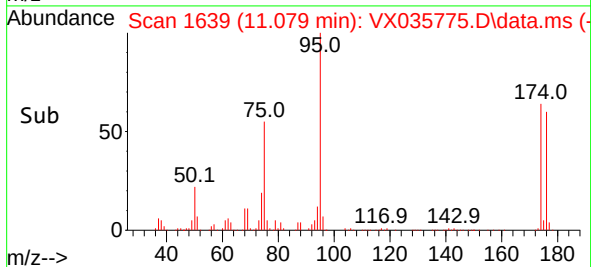
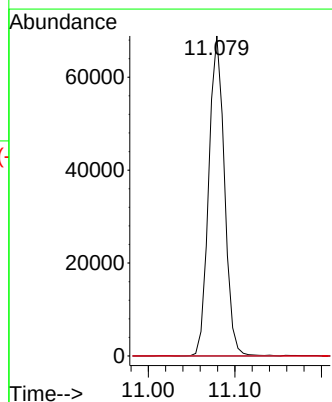
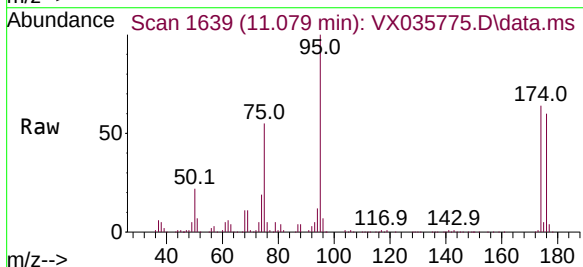
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBL01

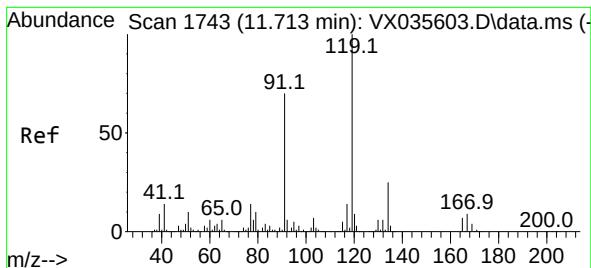
Tgt Ion: 75 Resp: 86547
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.646 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035775.D
Acq: 22 May 2023 11:14

Tgt Ion: 75 Resp: 86547
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#





#83

tert-Butylbenzene

Concen: 0.201 ug/l

RT: 11.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035775.D

Acq: 22 May 2023 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBL01

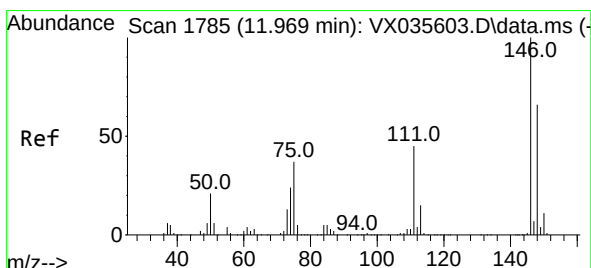
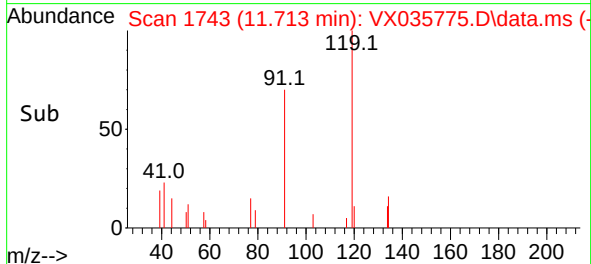
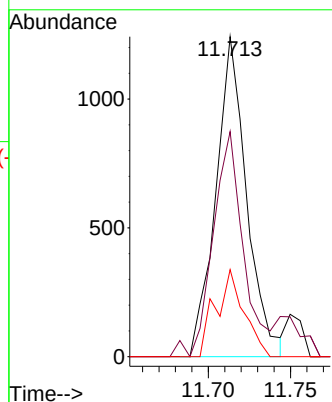
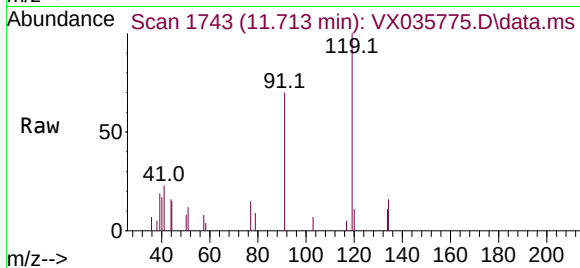
Tgt Ion:119 Resp: 1619

Ion Ratio Lower Upper

119 100

91 69.4 30.6 92.0

134 25.0 11.8 35.4



#87

1,3-Dichlorobenzene

Concen: 0.222 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035775.D

Acq: 22 May 2023 11:14

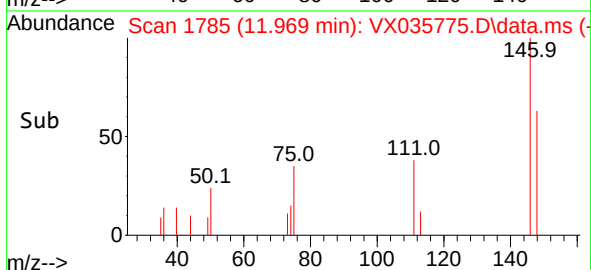
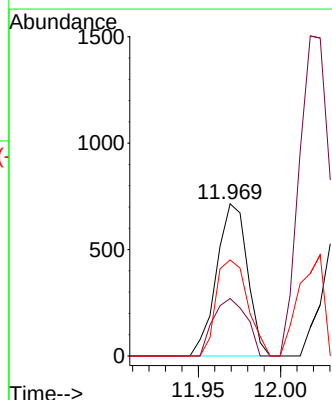
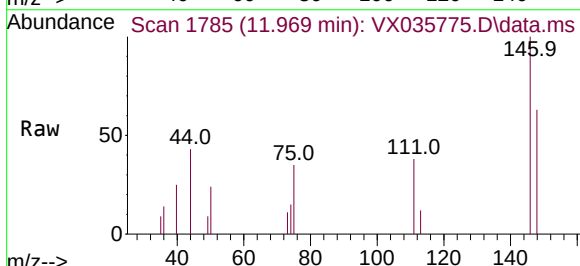
Tgt Ion:146 Resp: 932

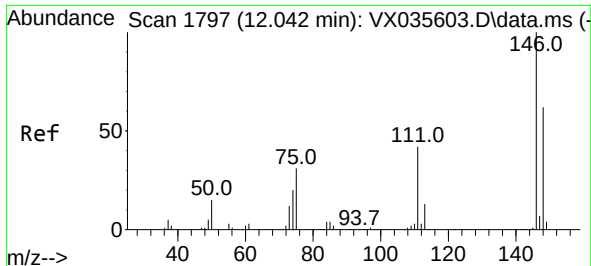
Ion Ratio Lower Upper

146 100

111 40.7 20.9 62.8

148 64.7 31.6 95.0

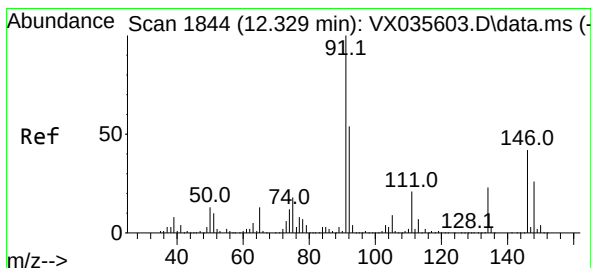
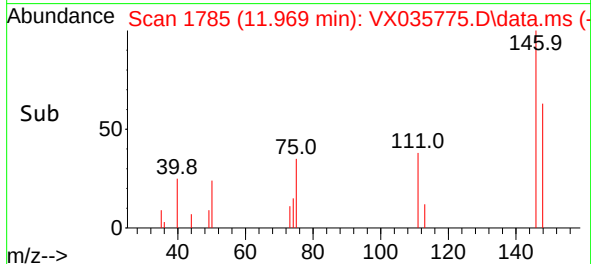
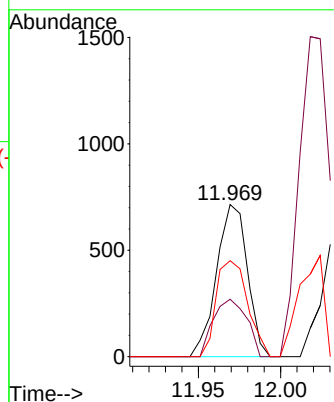
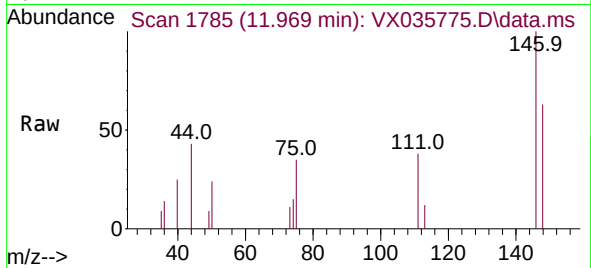




#88
1,4-Dichlorobenzene
Concen: 0.220 ug/l
RT: 11.969 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX035775.D
Acq: 22 May 2023 11:14

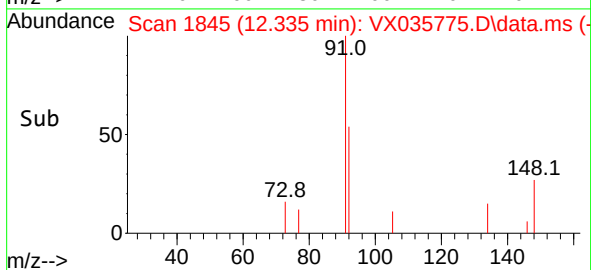
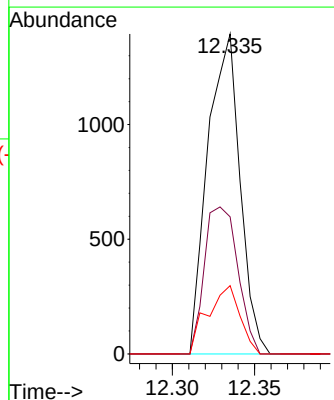
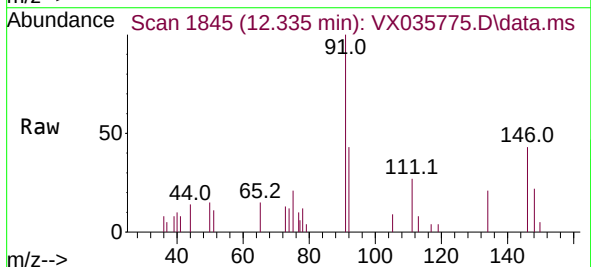
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBL01

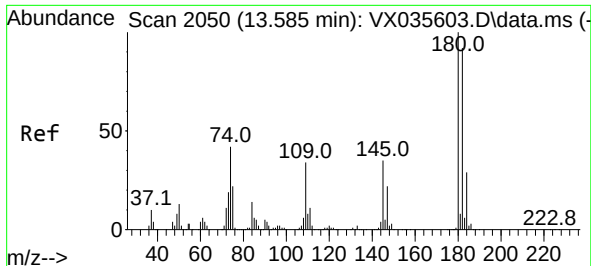
Tgt Ion:146 Resp: 932
Ion Ratio Lower Upper
146 100
111 40.7 20.6 61.9
148 64.7 31.8 95.4



#89
n-Butylbenzene
Concen: 0.251 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX035775.D
Acq: 22 May 2023 11:14

Tgt Ion: 91 Resp: 1900
Ion Ratio Lower Upper
91 100
92 47.6 27.7 83.0
134 21.5 13.0 38.9

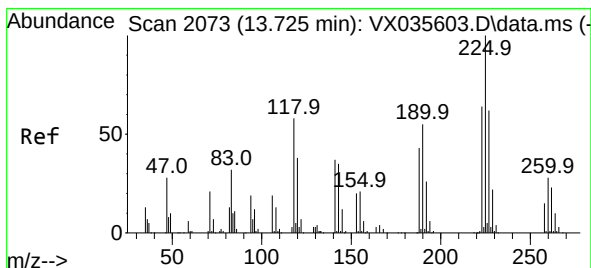
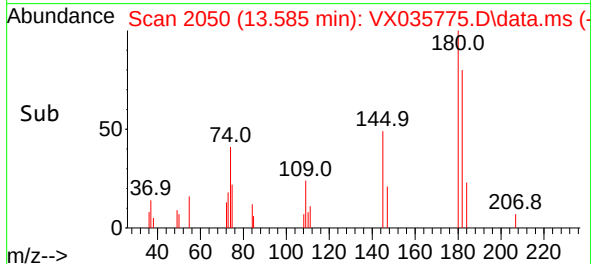
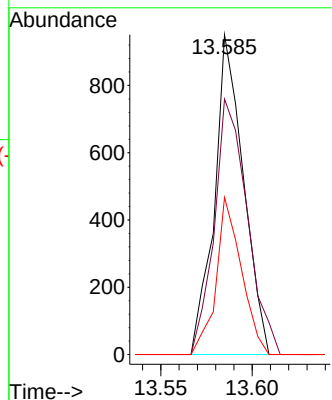
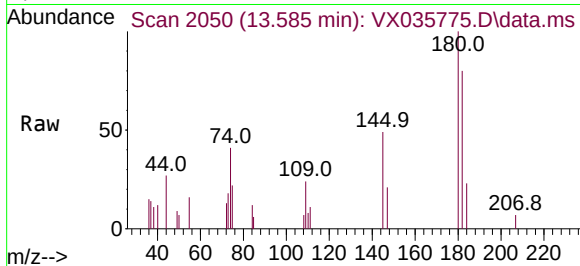




#93
1,2,4-Trichlorobenzene
Concen: 0.424 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX035775.D
Acq: 22 May 2023 11:14

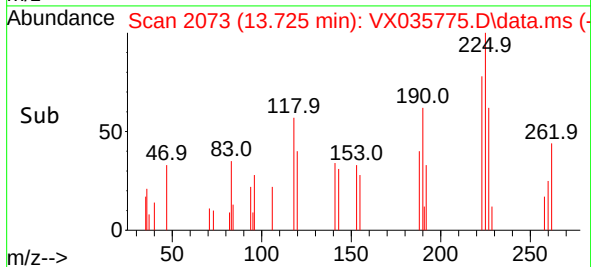
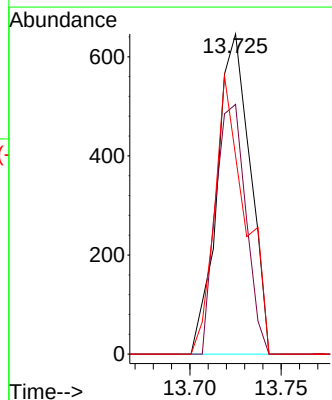
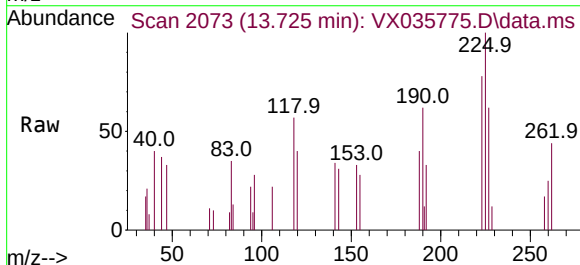
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBL01

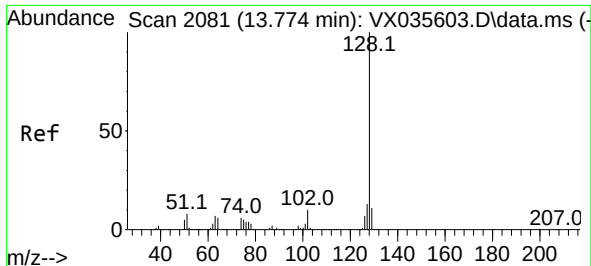
Tgt Ion:	180	Resp:	1050
Ion	Ratio	Lower	Upper
180	100		
182	90.8	47.0	141.0
145	42.9	15.9	47.7



#94
Hexachlorobutadiene
Concen: 0.825 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035775.D
Acq: 22 May 2023 11:14

Tgt Ion:	225	Resp:	811
Ion	Ratio	Lower	Upper
225	100		
223	71.8	32.1	96.5
227	80.0	31.8	95.4

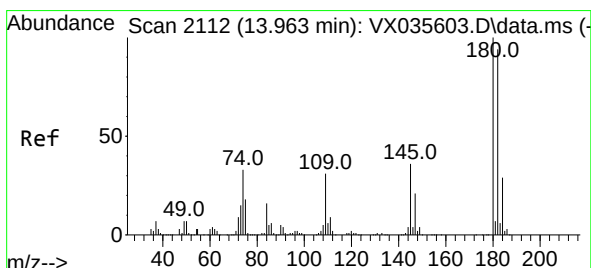
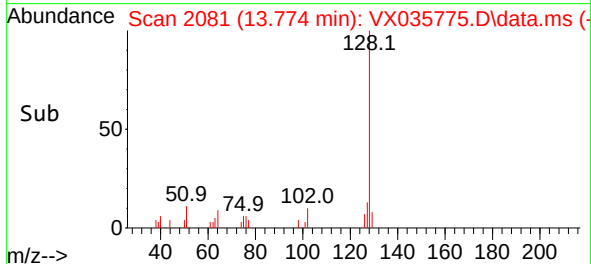
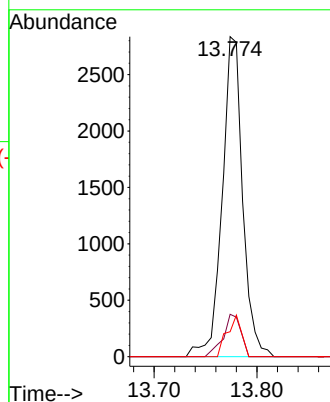
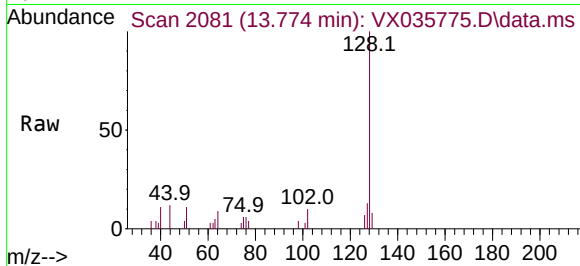




#95
Naphthalene
Concen: 0.462 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035775.D
Acq: 22 May 2023 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0522MBL01

Tgt Ion:128	Resp:	3921
Ion Ratio	Lower	Upper
128	100	
127	11.4	10.2 15.4
129	9.1	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.489 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035775.D
Acq: 22 May 2023 11:14

Tgt Ion:180	Resp:	1191
Ion Ratio	Lower	Upper
180	100	
182	92.4	48.0 144.2
145	39.3	17.7 53.1

