

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045078.D
 Acq On : 28 Feb 2025 11:00
 Operator : JC/MD
 Sample : VX0228MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228MBL01

Quant Time: Feb 28 14:28:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

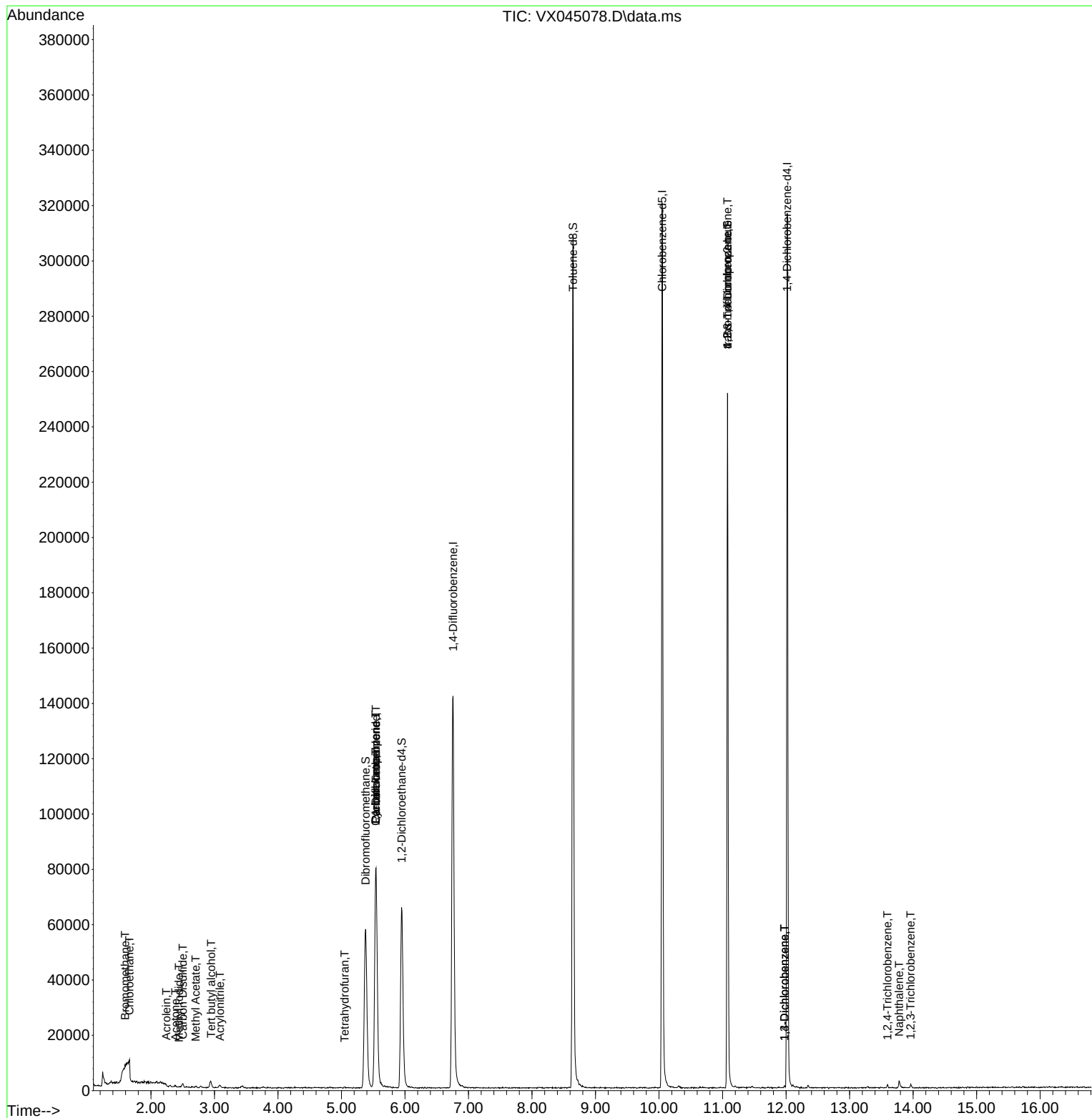
Internal Standards						
1) Pentafluorobenzene	5.544	168	76120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	151906	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	142042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	61931	51.149	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.300%			
35) Dibromofluoromethane	5.379	113	51125	50.332	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.660%			
50) Toluene-d8	8.647	98	185328	50.327	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.660%			
62) 4-Bromofluorobenzene	11.079	95	64271	52.670	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.340%			
Target Compounds					Qvalue	
5) Bromomethane	1.593	94	182	0.398	ug/l #	71
6) Chloroethane	1.660	64	232	0.432	ug/l #	41
10) Methyl Iodide	2.441	142	240	0.217	ug/l #	52
11) Tert butyl alcohol	2.947	59	1370	5.974	ug/l #	73
13) Acrolein	2.239	56	324	1.222	ug/l	94
15) Acrylonitrile	3.087	53	368	0.599	ug/l #	62
16) Acetone	2.386	43	542	0.965	ug/l #	44
17) Carbon Disulfide	2.502	76	1683	0.676	ug/l	97
18) Methyl Acetate	2.703	43	663	0.491	ug/l #	61
29) Tetrahydrofuran	5.050	42	114	0.201	ug/l #	34
31) Cyclohexane	5.538	56	1986	1.206	ug/l #	21
36) 1,1-Dichloropropene	5.538	75	6194	4.447	ug/l #	51
38) Carbon Tetrachloride	5.544	117	7535	5.328	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	35144	25.033	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	35144	85.668	ug/l #	6
87) 1,3-Dichlorobenzene	11.976	146	406	0.205	ug/l	90
88) 1,4-Dichlorobenzene	11.976	146	406	0.203	ug/l	92
93) 1,2,4-Trichlorobenzene	13.597	180	377	0.333	ug/l	96
95) Naphthalene	13.780	128	2693	0.619	ug/l #	91
96) 1,2,3-Trichlorobenzene	13.963	180	571	0.478	ug/l #	81

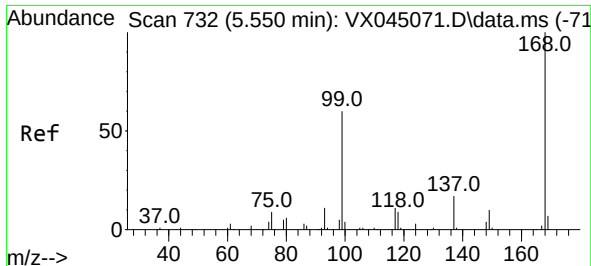
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045078.D
Acq On : 28 Feb 2025 11:00
Operator : JC/MD
Sample : VX0228MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0228MBL01

Quant Time: Feb 28 14:28:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

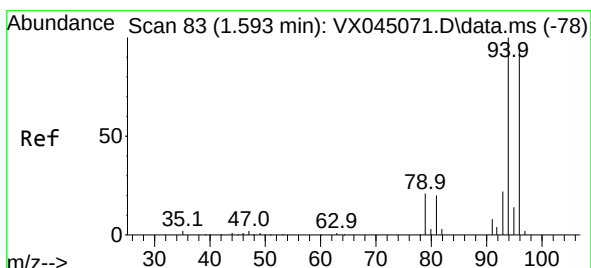
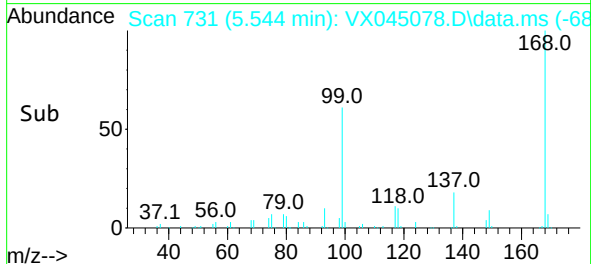
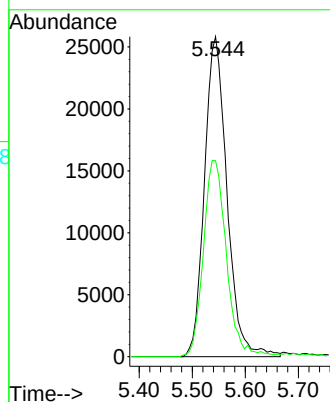
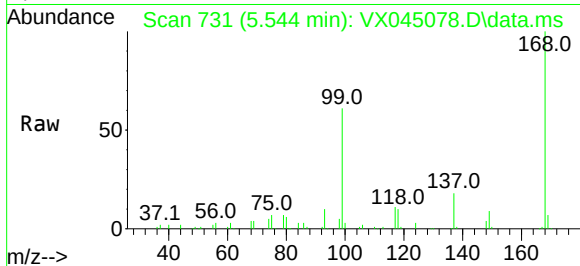




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045078.D
Acq: 28 Feb 2025 11:00

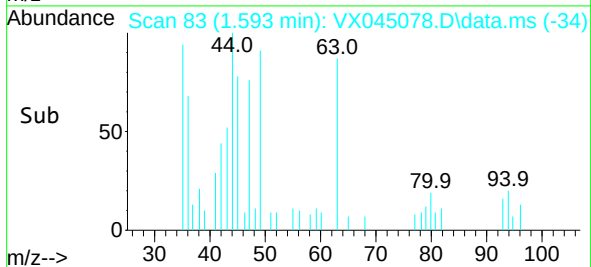
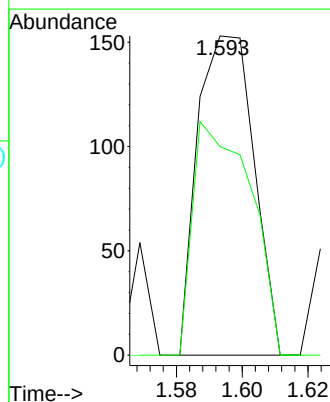
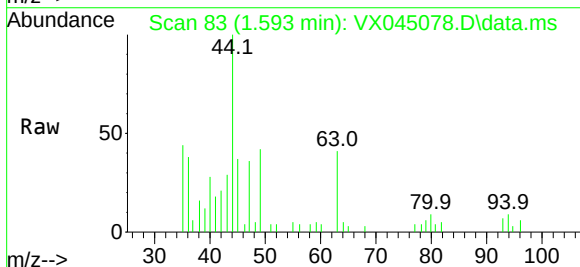
Instrument :
MSVOA_X
ClientSampleId :
VX0228MBL01

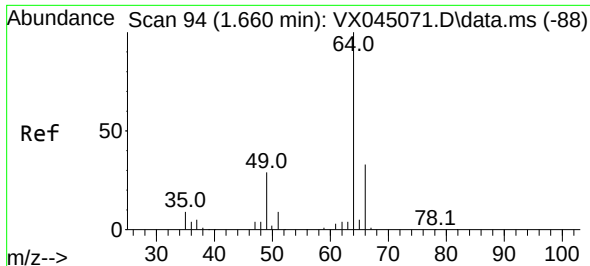
Tgt Ion:168 Resp: 76120
Ion Ratio Lower Upper
168 100
99 61.3 48.2 72.4



#5
Bromomethane
Concen: 0.398 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX045078.D
Acq: 28 Feb 2025 11:00

Tgt Ion: 94 Resp: 182
Ion Ratio Lower Upper
94 100
96 65.4 75.0 112.4#

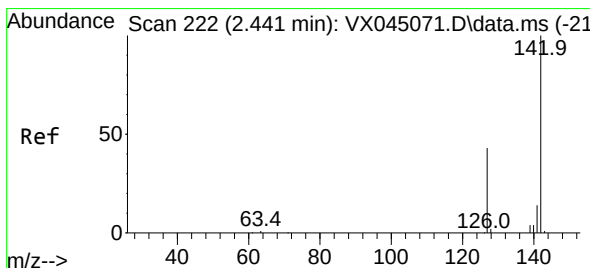
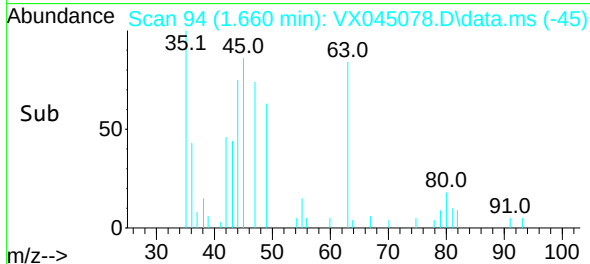
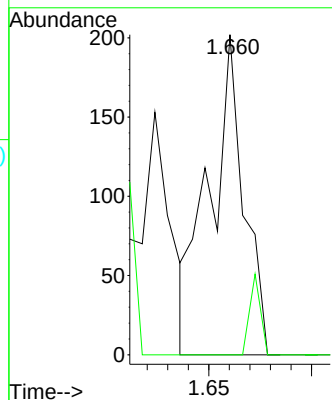
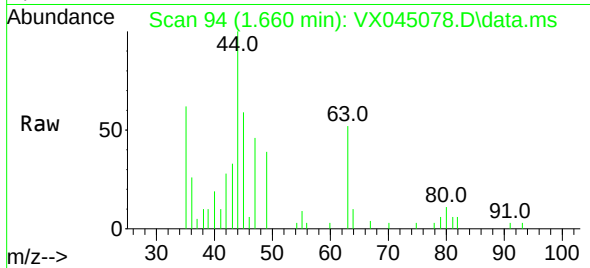




#6
Chloroethane
Concen: 0.432 ug/l
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX045078.D
Acq: 28 Feb 2025 11:00

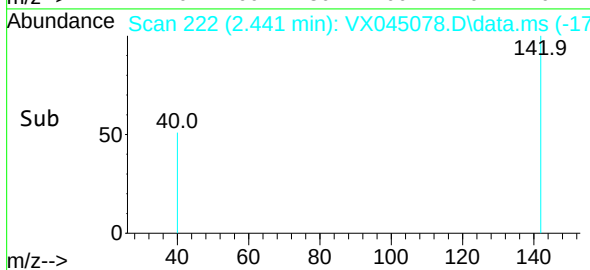
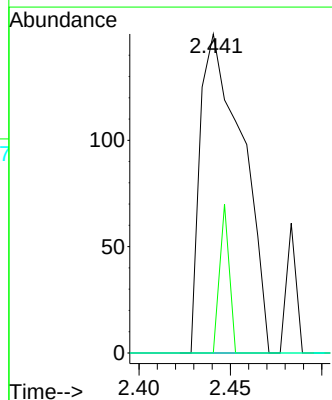
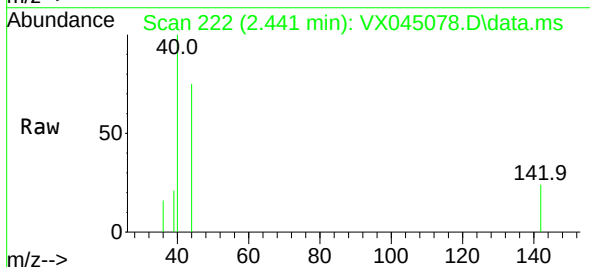
Instrument :
MSVOA_X
ClientSampleId :
VX0228MBL01

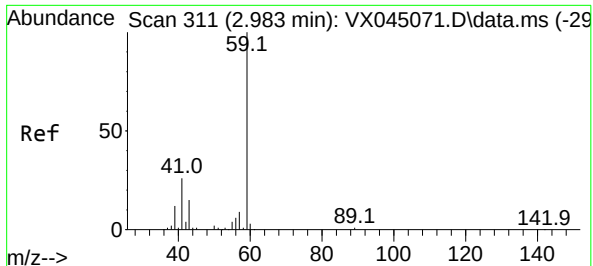
Tgt Ion: 64 Resp: 232
Ion Ratio Lower Upper
64 100
66 0.0 26.7 40.1#



#10
Methyl Iodide
Concen: 0.217 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX045078.D
Acq: 28 Feb 2025 11:00

Tgt Ion: 142 Resp: 240
Ion Ratio Lower Upper
142 100
127 10.8 35.4 53.2#
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: 5.974 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.037 min

Lab File: VX045078.D

Acq: 28 Feb 2025 11:00

Instrument :

MSVOA_X

ClientSampleId :

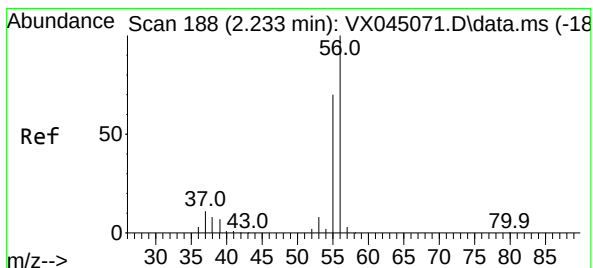
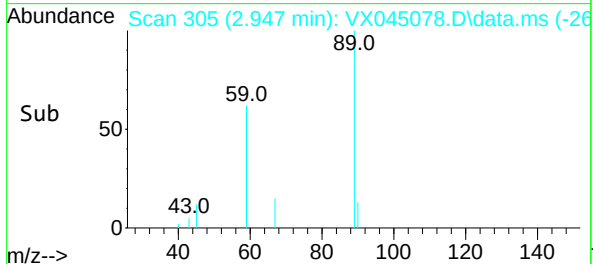
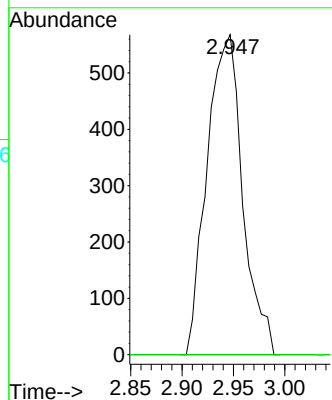
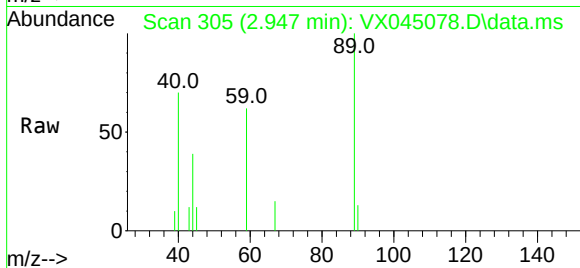
VX0228MBL01

Tgt Ion: 59 Resp: 1370

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#13

Acrolein

Concen: 1.222 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX045078.D

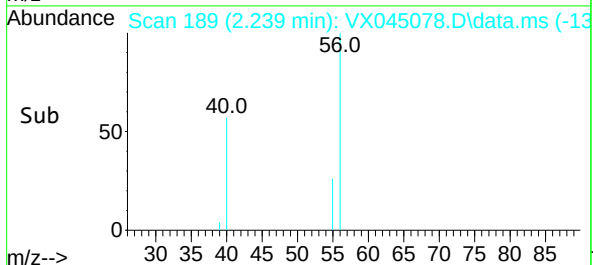
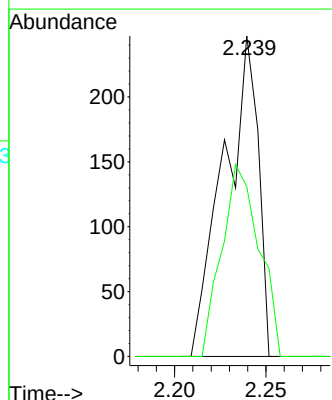
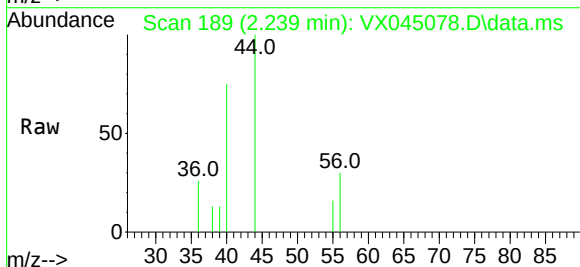
Acq: 28 Feb 2025 11:00

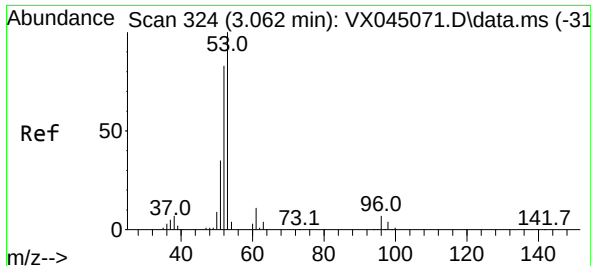
Tgt Ion: 56 Resp: 324

Ion Ratio Lower Upper

56 100

55 65.1 56.2 84.4

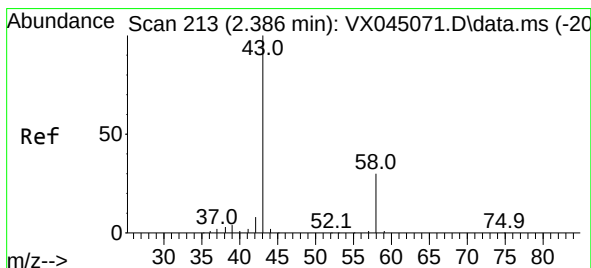
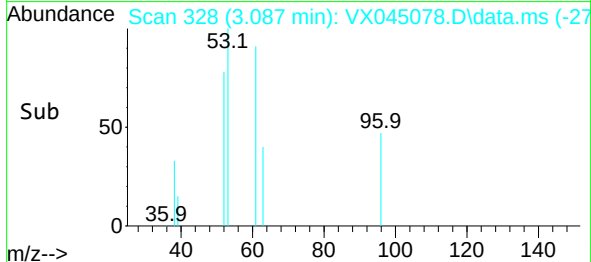
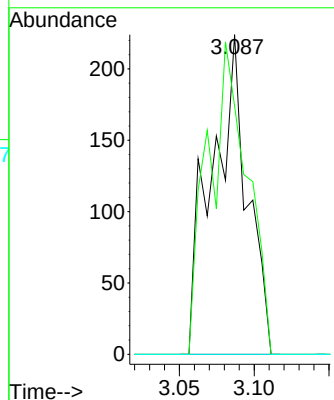
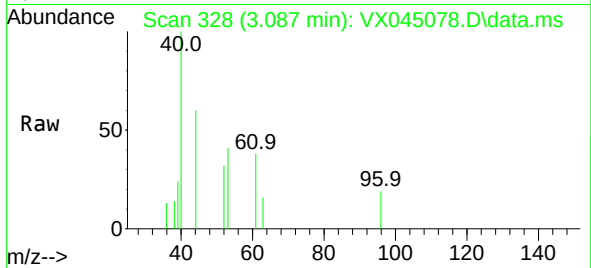




#15
Acrylonitrile
Concen: 0.599 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.024 min
Lab File: VX045078.D
Acq: 28 Feb 2025 11:00

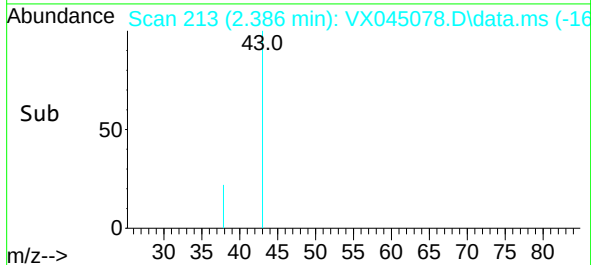
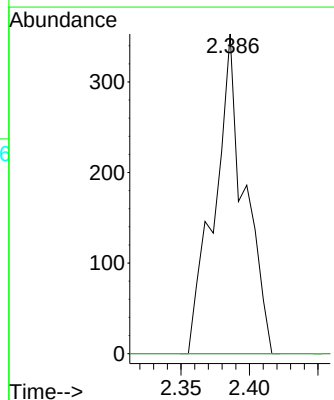
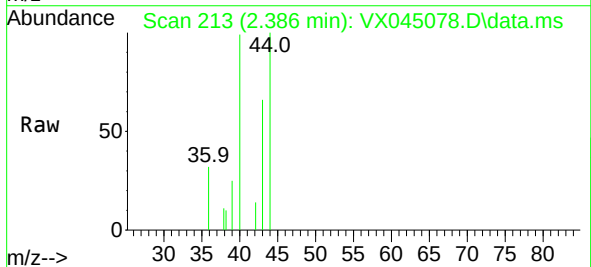
Instrument :
MSVOA_X
ClientSampleId :
VX0228MBL01

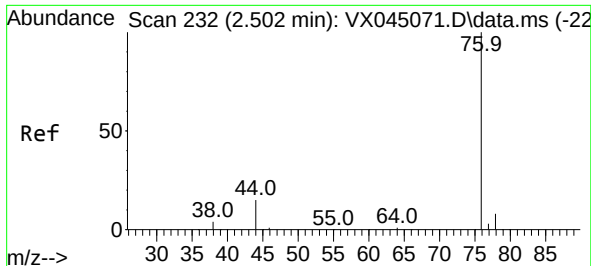
Tgt Ion: 53 Resp: 368
Ion Ratio Lower Upper
53 100
52 107.9 66.2 99.2#
51 0.0 29.0 43.4#



#16
Acetone
Concen: 0.965 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045078.D
Acq: 28 Feb 2025 11:00

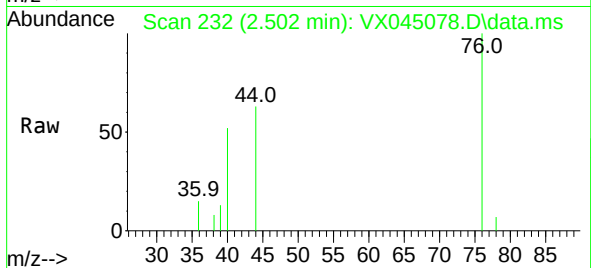
Tgt Ion: 43 Resp: 542
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



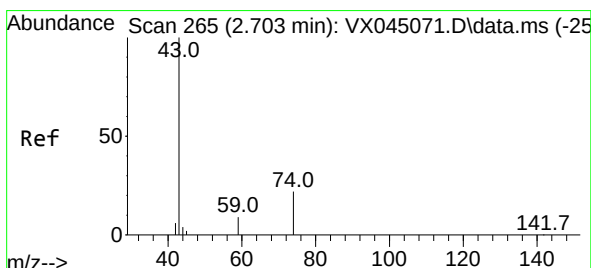
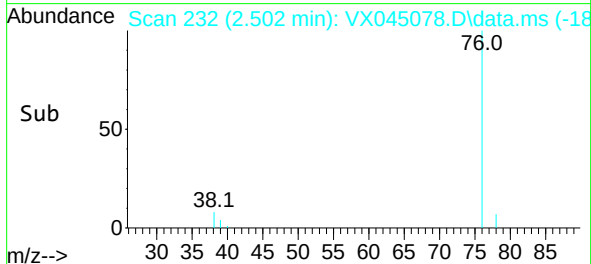
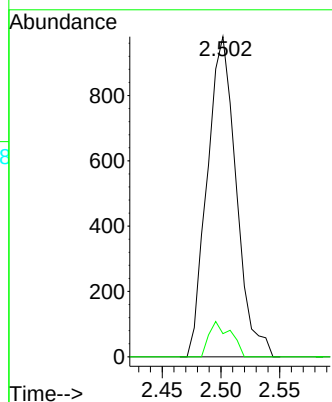


#17
Carbon Disulfide
Concen: 0.676 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045078.D
Acq: 28 Feb 2025 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX0228MBL01

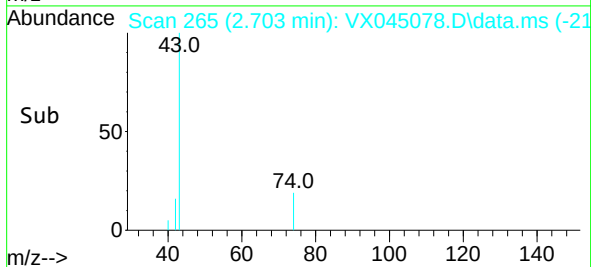
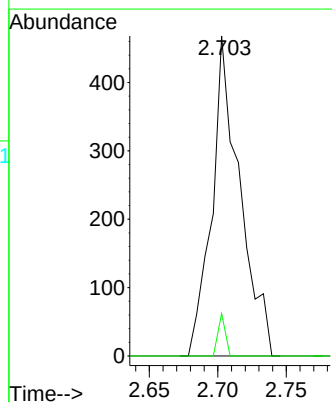
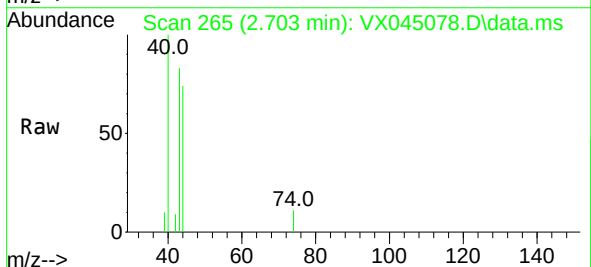


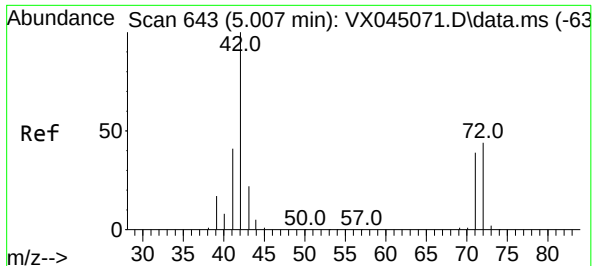
Tgt Ion: 76 Resp: 1683
Ion Ratio Lower Upper
76 100
78 7.2 6.6 9.8



#18
Methyl Acetate
Concen: 0.491 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045078.D
Acq: 28 Feb 2025 11:00

Tgt Ion: 43 Resp: 663
Ion Ratio Lower Upper
43 100
74 3.5 17.4 26.2#





#29

Tetrahydrofuran

Concen: 0.201 ug/l

RT: 5.050 min Scan# 61

Delta R.T. 0.043 min

Lab File: VX045078.D

Acq: 28 Feb 2025 11:00

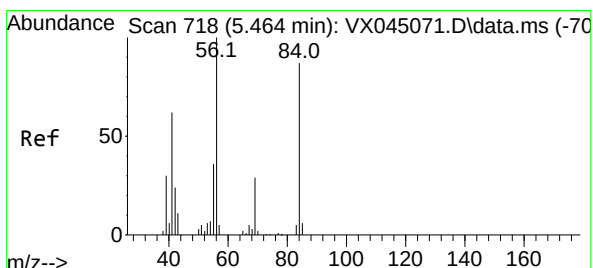
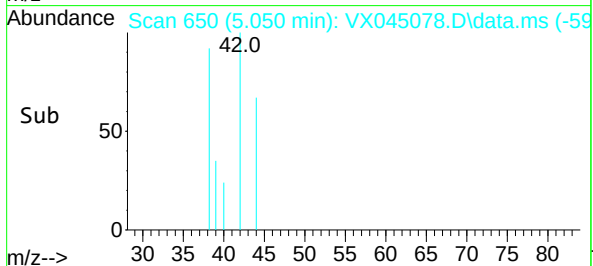
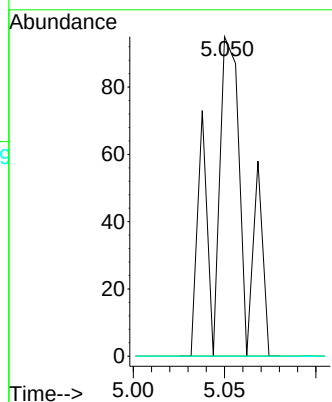
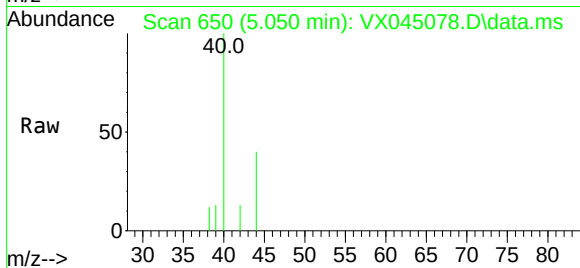
Instrument :

MSVOA_X

ClientSampleId :

VX0228MBL01

Tgt Ion:	42	Resp:	114
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.1	51.1#
71	0.0	31.4	47.0#



#31

Cyclohexane

Concen: 1.206 ug/l

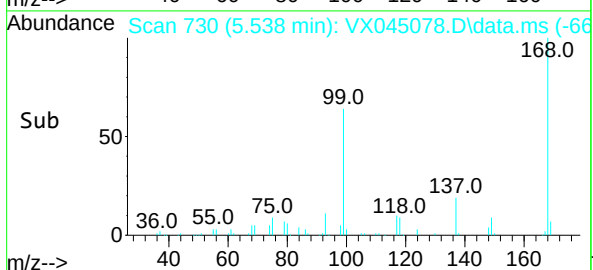
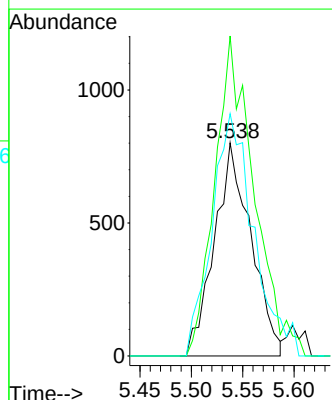
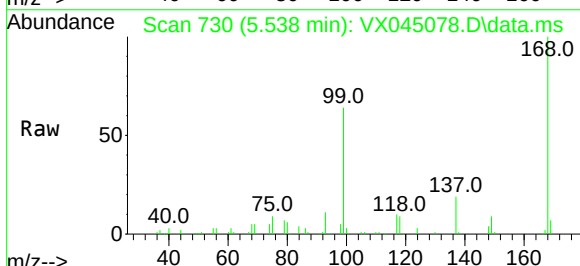
RT: 5.538 min Scan# 730

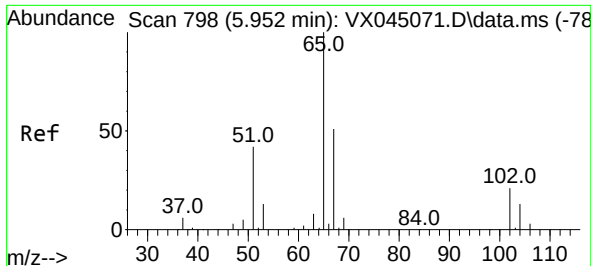
Delta R.T. 0.073 min

Lab File: VX045078.D

Acq: 28 Feb 2025 11:00

Tgt Ion:	56	Resp:	1986
Ion	Ratio	Lower	Upper
56	100		
69	150.2	23.4	35.2#
84	113.7	69.4	104.2#





#33

1,2-Dichloroethane-d4

Concen: 51.149 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045078.D

Acq: 28 Feb 2025 11:00

Instrument :

MSVOA_X

ClientSampleId :

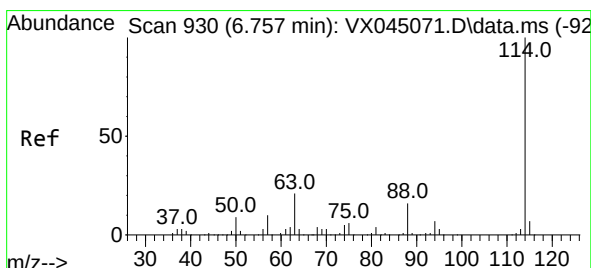
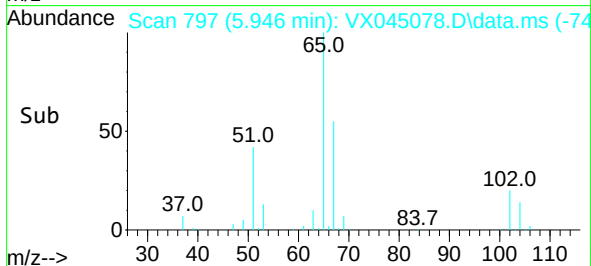
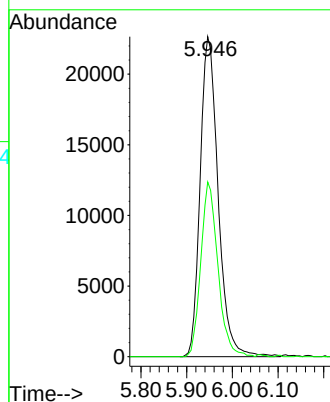
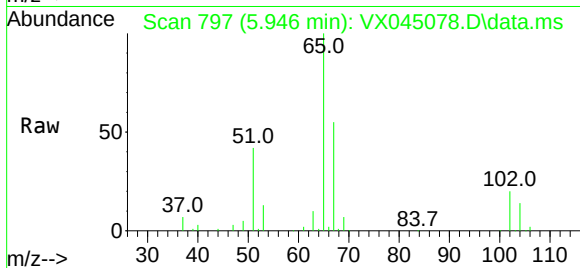
VX0228MBL01

Tgt Ion: 65 Resp: 61931

Ion Ratio Lower Upper

65 100

67 52.0 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045078.D

Acq: 28 Feb 2025 11:00

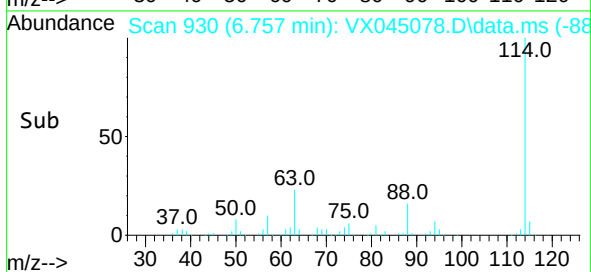
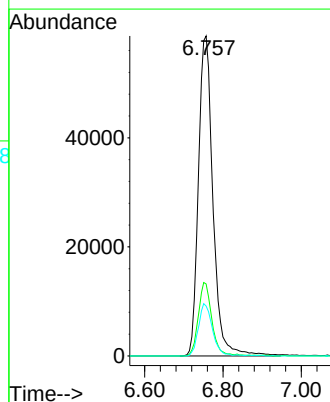
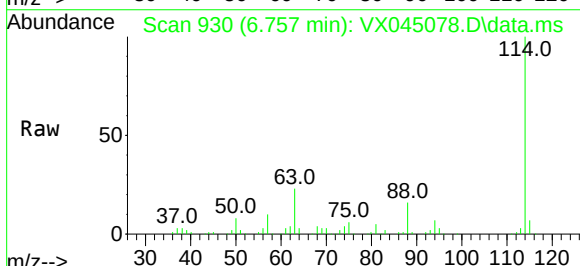
Tgt Ion: 114 Resp: 151906

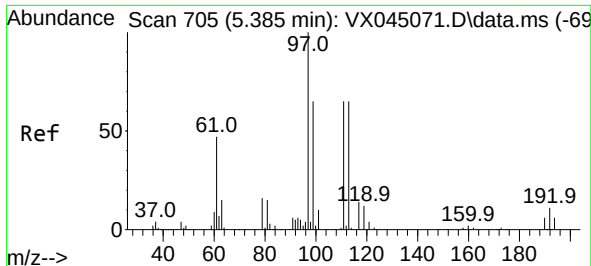
Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

88 15.6 0.0 32.8

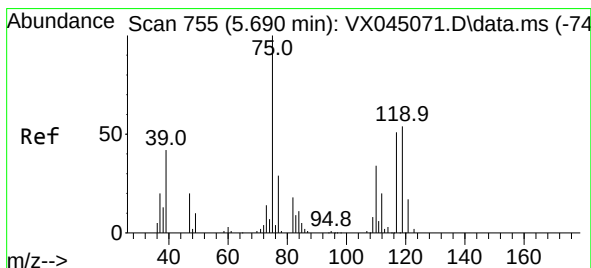
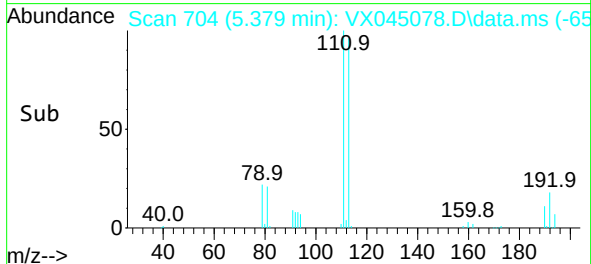
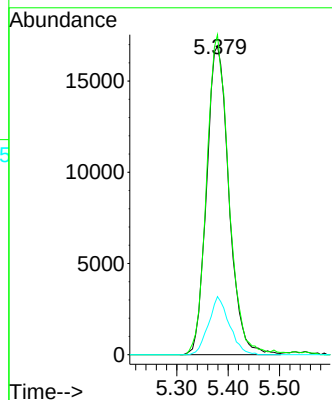
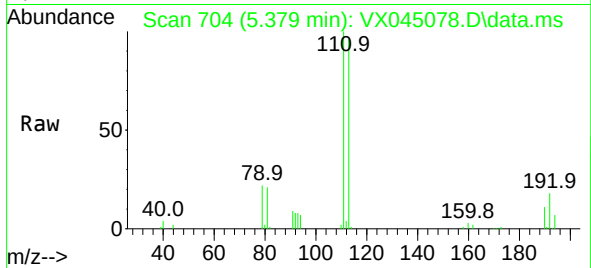




#35
Dibromofluoromethane
Concen: 50.332 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045078.D
Acq: 28 Feb 2025 11:00

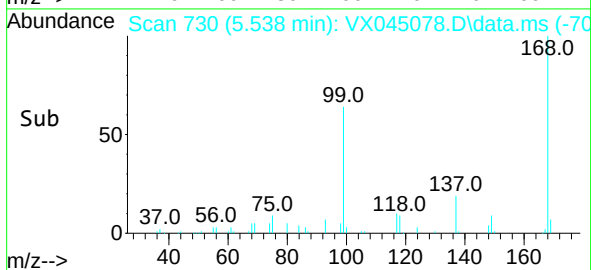
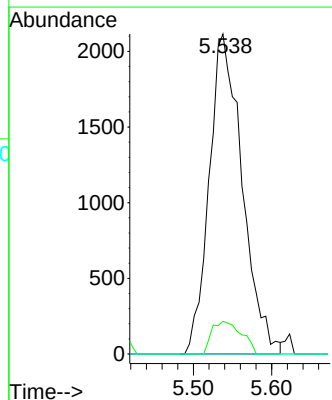
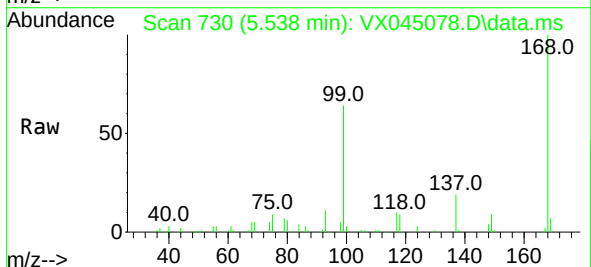
Instrument :
MSVOA_X
ClientSampleId :
VX0228MBL01

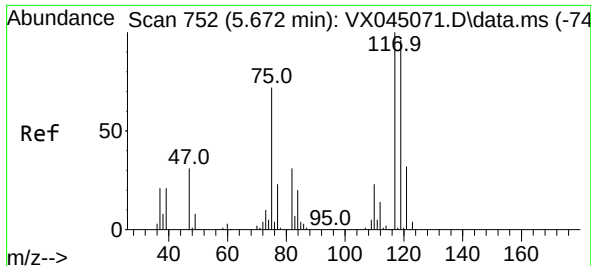
Tgt Ion:113 Resp: 51125
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.6
192 17.5 14.3 21.5



#36
1,1-Dichloropropene
Concen: 4.447 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.152 min
Lab File: VX045078.D
Acq: 28 Feb 2025 11:00

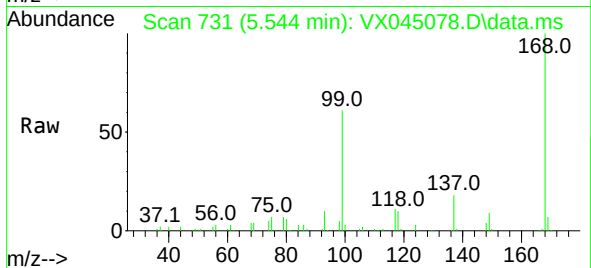
Tgt Ion: 75 Resp: 6194
Ion Ratio Lower Upper
75 100
110 9.2 16.9 50.6#
77 0.0 24.5 36.7#



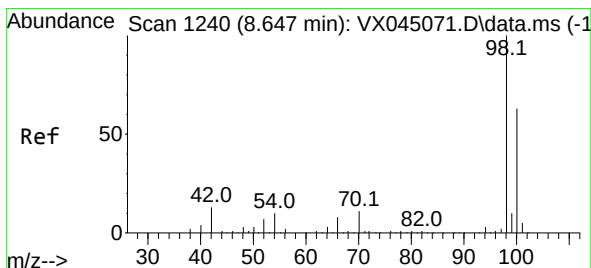
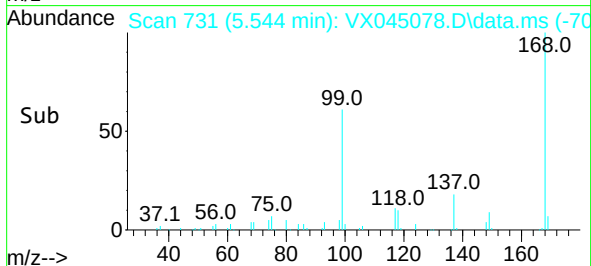
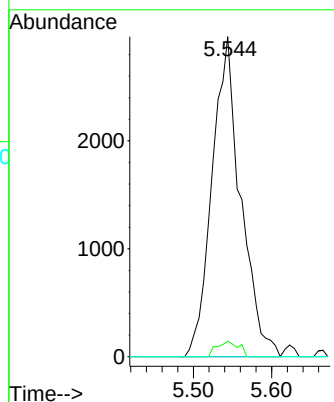


#38
Carbon Tetrachloride
Concen: 5.328 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045078.D
Acq: 28 Feb 2025 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX0228MBL01

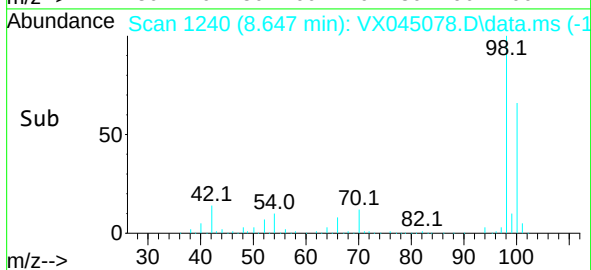
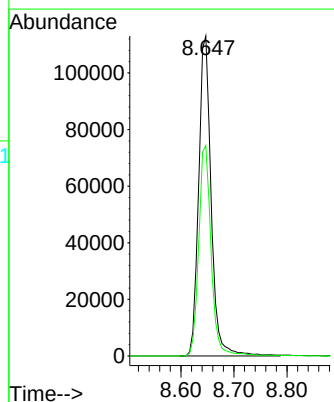
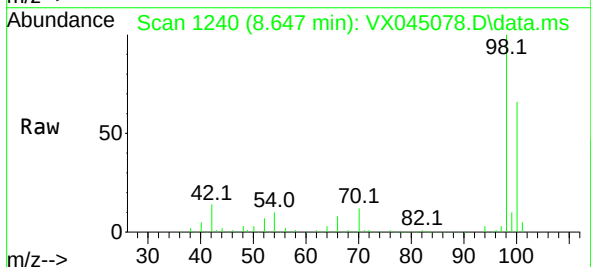


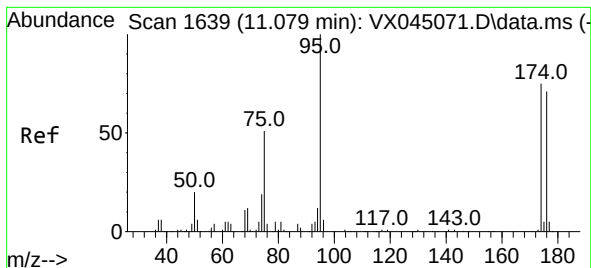
Tgt Ion:117 Resp: 7535
Ion Ratio Lower Upper
117 100
119 4.9 76.7 115.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 50.327 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045078.D
Acq: 28 Feb 2025 11:00

Tgt Ion: 98 Resp: 185328
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0

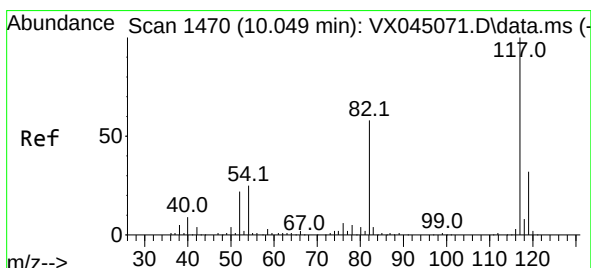
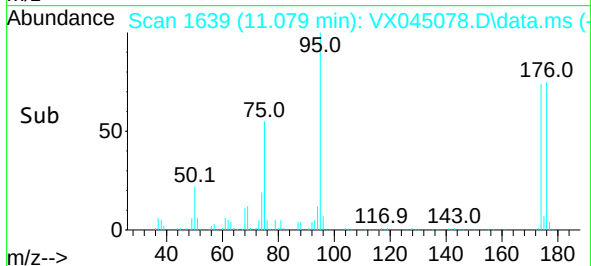
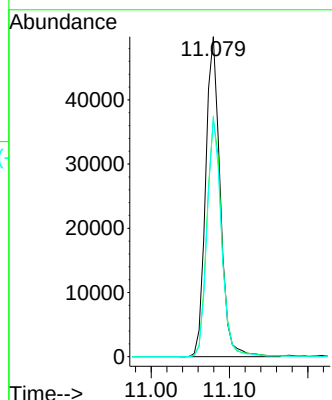
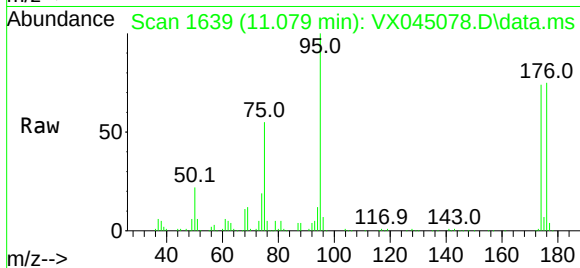




#62
4-Bromofluorobenzene
Concen: 52.670 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045078.D
Acq: 28 Feb 2025 11:00

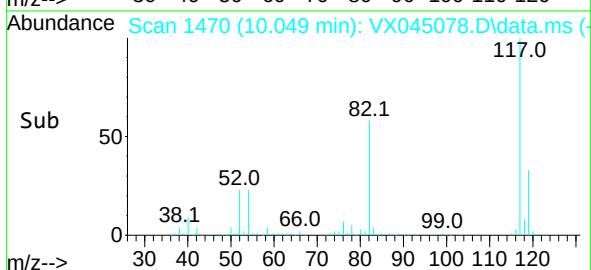
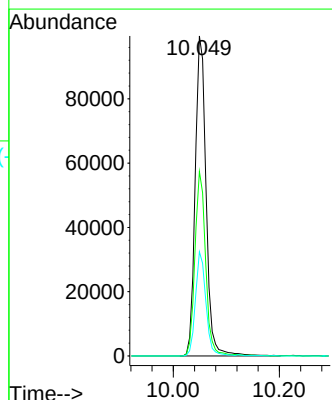
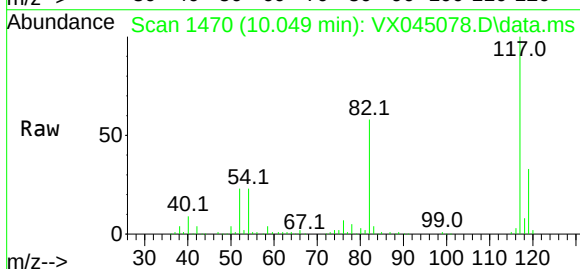
Instrument :
MSVOA_X
ClientSampleId :
VX0228MBL01

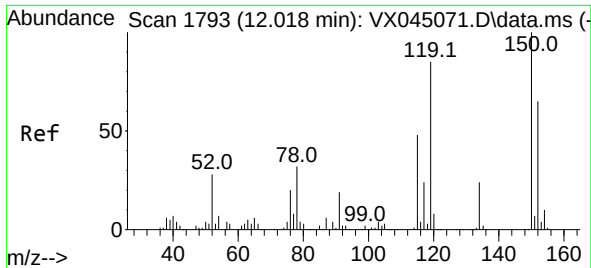
Tgt Ion: 95 Resp: 64271
Ion Ratio Lower Upper
95 100
174 75.9 0.0 148.2
176 73.4 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045078.D
Acq: 28 Feb 2025 11:00

Tgt Ion: 117 Resp: 142042
Ion Ratio Lower Upper
117 100
82 57.6 46.3 69.5
119 32.5 25.7 38.5

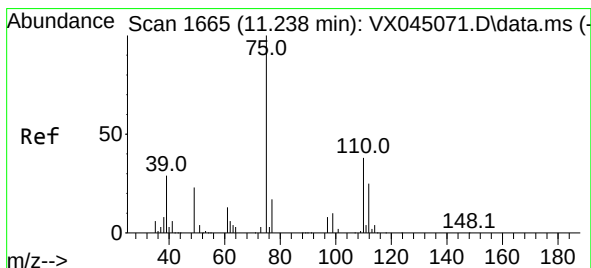
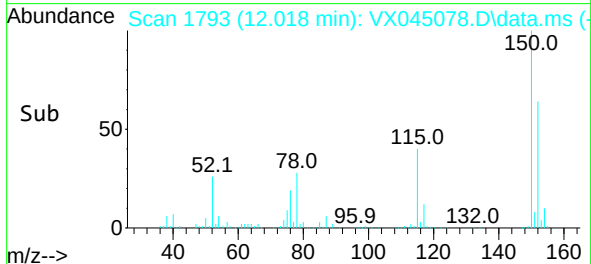
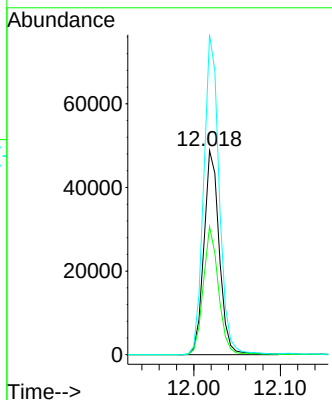
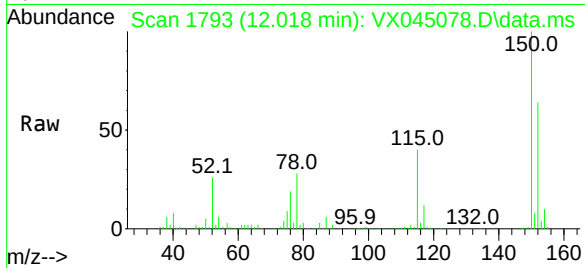




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045078.D
 Acq: 28 Feb 2025 11:00

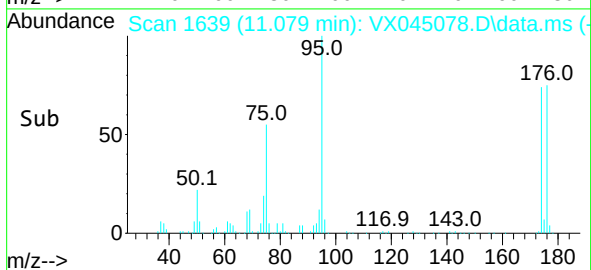
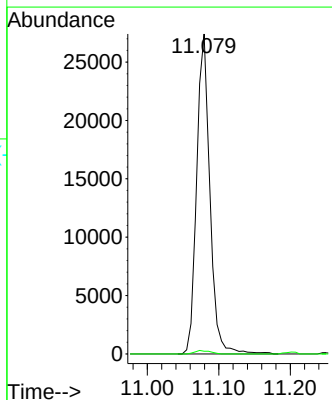
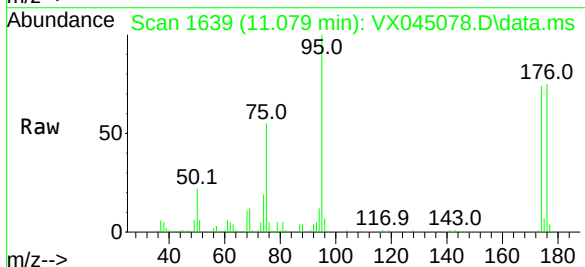
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228MBL01

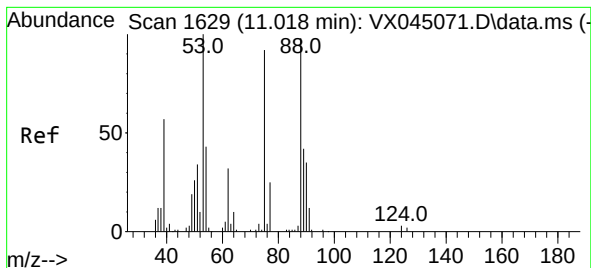
Tgt Ion:152 Resp: 60318
 Ion Ratio Lower Upper
 152 100
 115 61.9 44.2 132.6
 150 157.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.033 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX045078.D
 Acq: 28 Feb 2025 11:00

Tgt Ion: 75 Resp: 35144
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.7 62.1#

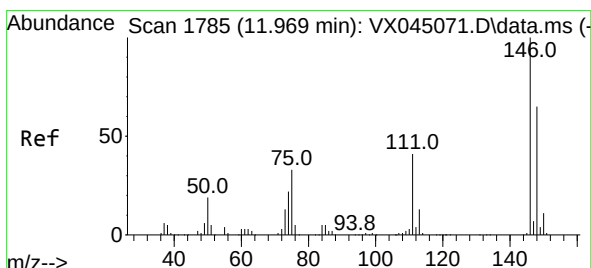
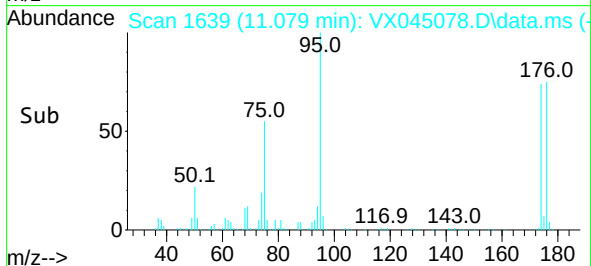
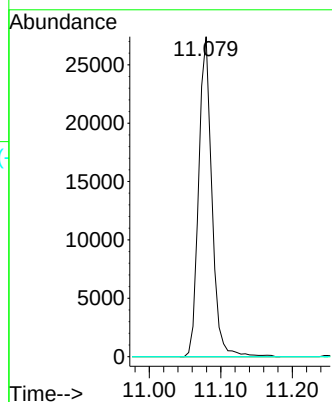
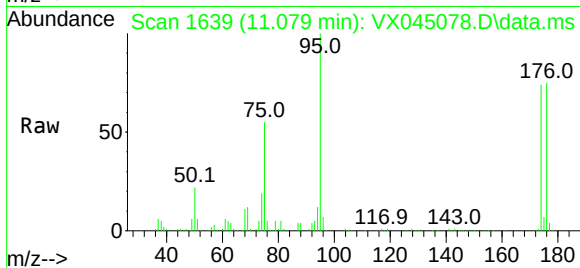




#81
trans-1,4-Dichloro-2-butene
Concen: 85.668 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045078.D
Acq: 28 Feb 2025 11:00

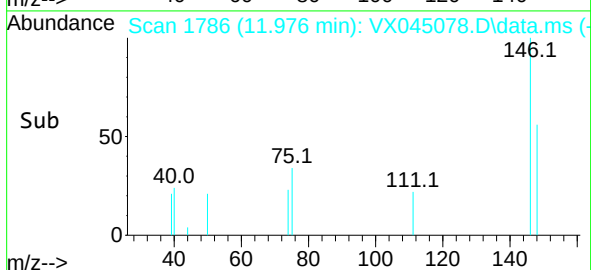
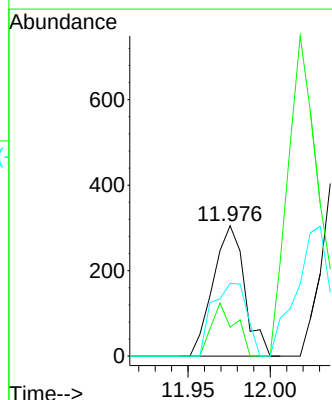
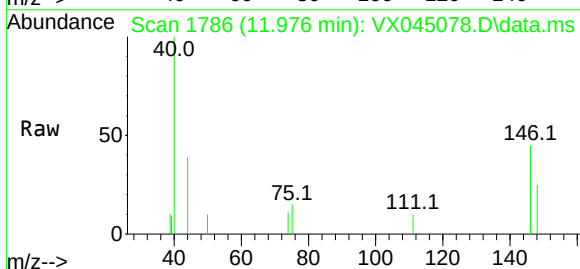
Instrument :
MSVOA_X
ClientSampleId :
VX0228MBL01

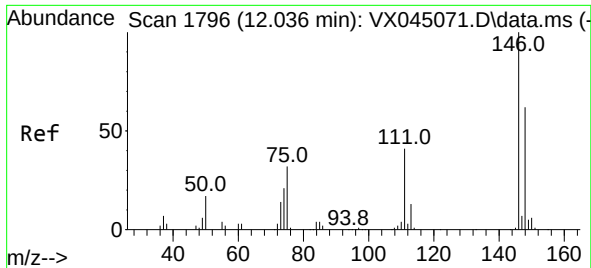
Tgt Ion: 75 Resp: 35144
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#



#87
1,3-Dichlorobenzene
Concen: 0.205 ug/l
RT: 11.976 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX045078.D
Acq: 28 Feb 2025 11:00

Tgt Ion:146 Resp: 406
Ion Ratio Lower Upper
146 100
111 30.8 21.1 63.4
148 60.8 31.9 95.7

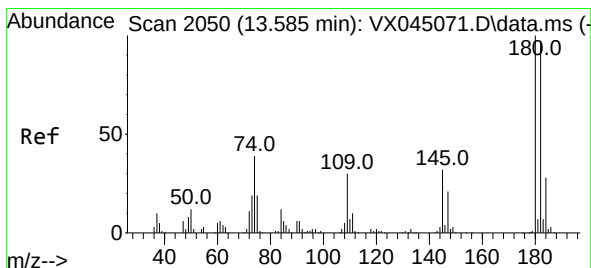
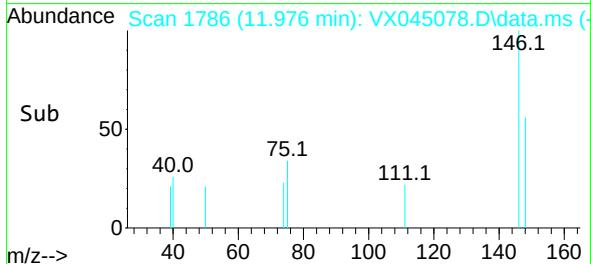
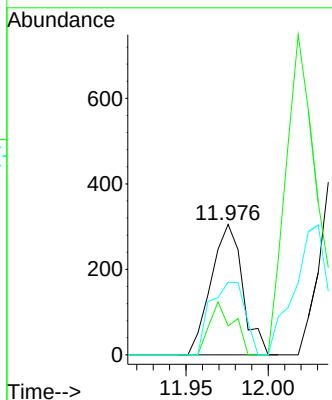
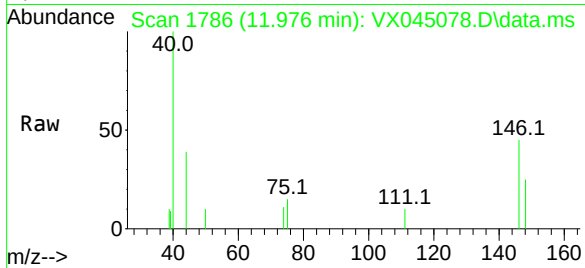




#88
1,4-Dichlorobenzene
Concen: 0.203 ug/l
RT: 11.976 min Scan# 1
Delta R.T. -0.061 min
Lab File: VX045078.D
Acq: 28 Feb 2025 11:00

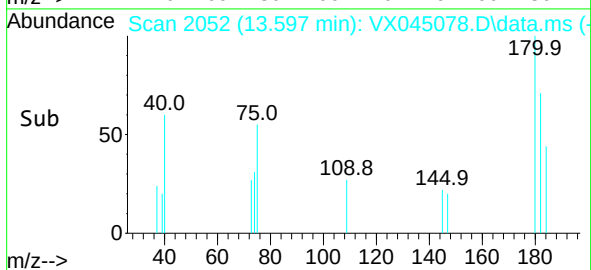
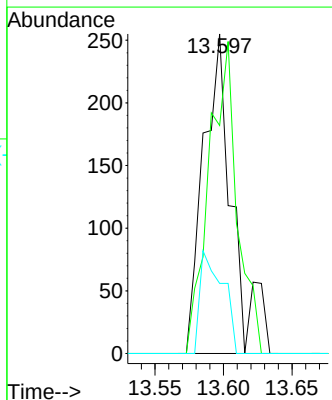
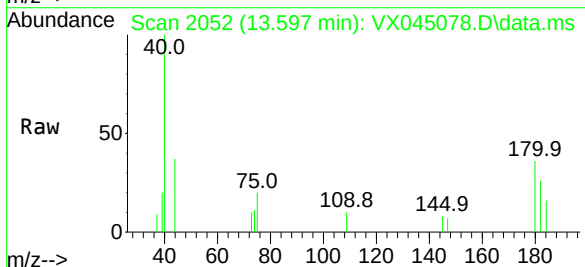
Instrument :
MSVOA_X
ClientSampleId :
VX0228MBL01

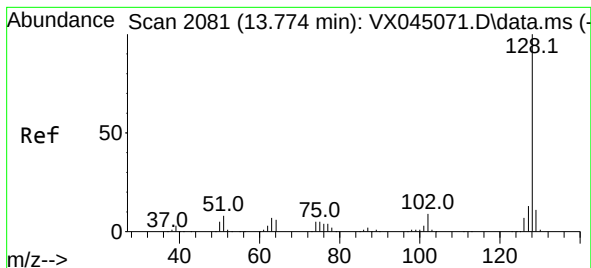
Tgt Ion:146 Resp: 406
Ion Ratio Lower Upper
146 100
111 30.8 20.2 60.5
148 60.8 31.9 95.9



#93
1,2,4-Trichlorobenzene
Concen: 0.333 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX045078.D
Acq: 28 Feb 2025 11:00

Tgt Ion:180 Resp: 377
Ion Ratio Lower Upper
180 100
182 94.4 47.3 141.9
145 25.2 16.3 48.9





#95

Naphthalene

Concen: 0.619 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX045078.D

Acq: 28 Feb 2025 11:00

Instrument :

MSVOA_X

ClientSampleId :

VX0228MBL01

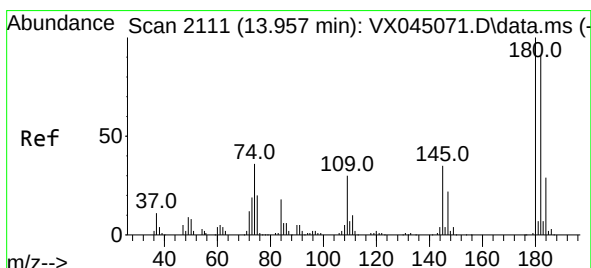
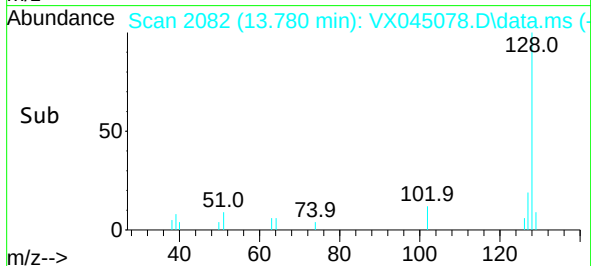
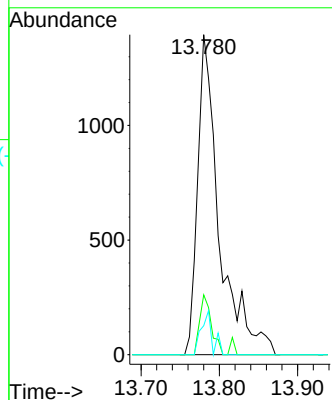
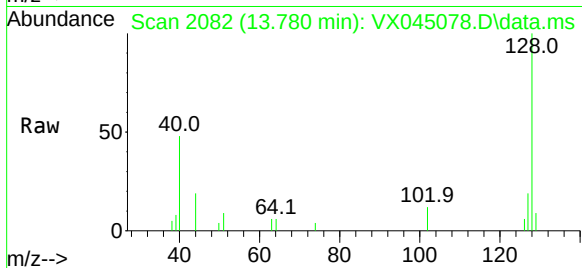
Tgt Ion:128 Resp: 2693

Ion Ratio Lower Upper

128 100

127 10.1 10.3 15.5#

129 7.0 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.478 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX045078.D

Acq: 28 Feb 2025 11:00

Tgt Ion:180 Resp: 571

Ion Ratio Lower Upper

180 100

182 86.0 47.5 142.6

145 7.5 17.0 50.9#

