

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
 Data File : VX045986.D
 Acq On : 30 Apr 2025 10:32
 Operator : JC/MD
 Sample : VX0430MBL01
 Misc : 5.00g/10mL100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430MBL01

Quant Time: May 01 03:35:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

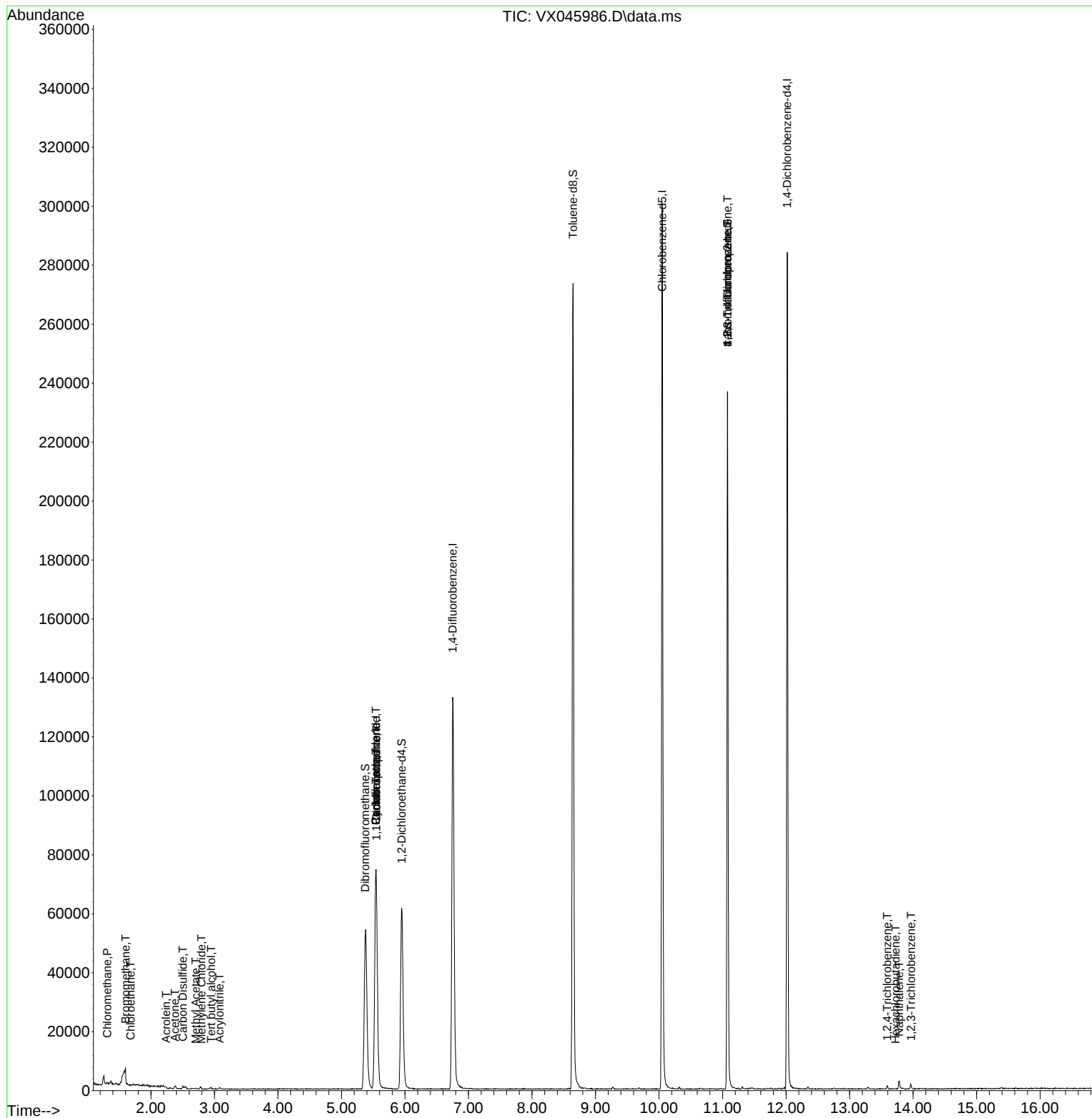
Internal Standards						
1) Pentafluorobenzene	5.544	168	64334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	128575	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	118214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	64222	54.587	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.180%			
35) Dibromofluoromethane	5.373	113	47365	51.922	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.840%			
50) Toluene-d8	8.647	98	159607	50.127	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.260%			
62) 4-Bromofluorobenzene	11.079	95	60417	52.093	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.180%			
Target Compounds						Qvalue
3) Chloromethane	1.313	50	772	0.781	ug/l	98
5) Bromomethane	1.599	94	132	0.308	ug/l #	67
6) Chloroethane	1.679	64	133	0.277	ug/l #	42
11) Tert butyl alcohol	2.947	59	50	0.316	ug/l #	72
13) Acrolein	2.239	56	158	0.726	ug/l #	34
15) Acrylonitrile	3.081	53	157	0.315	ug/l #	45
16) Acetone	2.380	43	1125	2.329	ug/l	99
17) Carbon Disulfide	2.502	76	976	0.512	ug/l #	76
18) Methyl Acetate	2.703	43	282	0.254	ug/l #	54
20) Methylene Chloride	2.794	84	225	0.249	ug/l #	44
31) Cyclohexane	5.544	56	1959	1.357	ug/l #	9
36) 1,1-Dichloropropene	5.550	75	6596	5.355	ug/l #	51
38) Carbon Tetrachloride	5.544	117	7609	5.716	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	35233	28.507	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35233	96.748	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.591	180	384	0.406	ug/l	89
94) Hexachlorobutadiene	13.725	225	102	0.251	ug/l #	35
95) Naphthalene	13.780	128	2432	0.692	ug/l #	96
96) 1,2,3-Trichlorobenzene	13.969	180	526	0.532	ug/l	86

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

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Instrument :
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Quant Time: May 01 03:35:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
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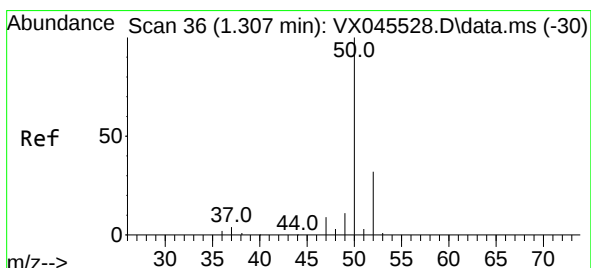
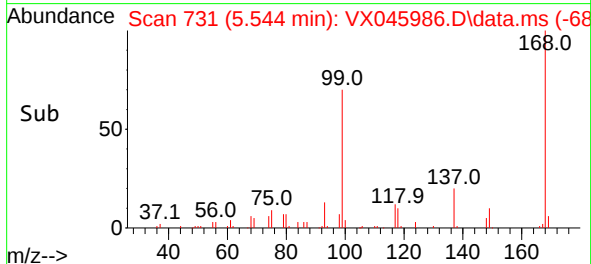
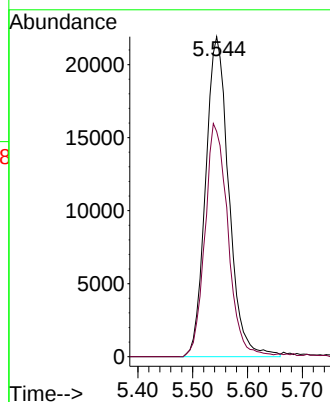
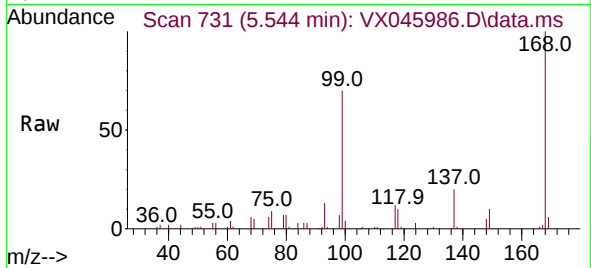




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045986.D
Acq: 30 Apr 2025 10:32

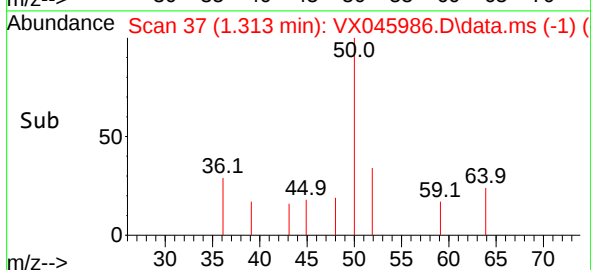
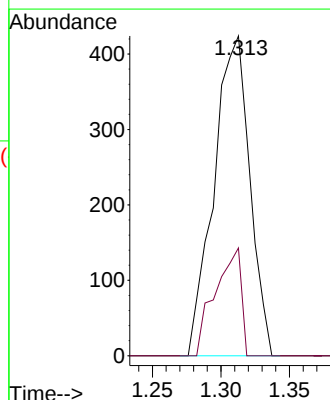
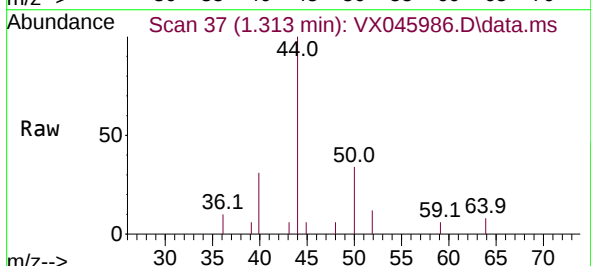
Instrument :
MSVOA_X
ClientSampleId :
VX0430MBL01

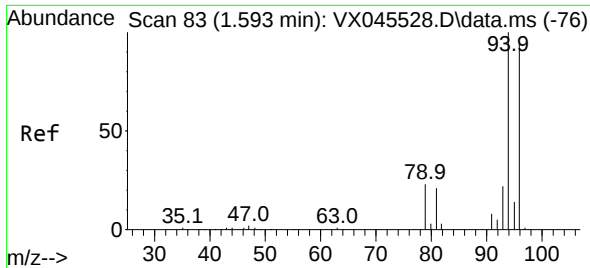
Tgt Ion:168 Resp: 64334
Ion Ratio Lower Upper
168 100
99 70.4 52.3 78.5



#3
Chloromethane
Concen: 0.781 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.006 min
Lab File: VX045986.D
Acq: 30 Apr 2025 10:32

Tgt Ion: 50 Resp: 772
Ion Ratio Lower Upper
50 100
52 33.7 25.9 38.9

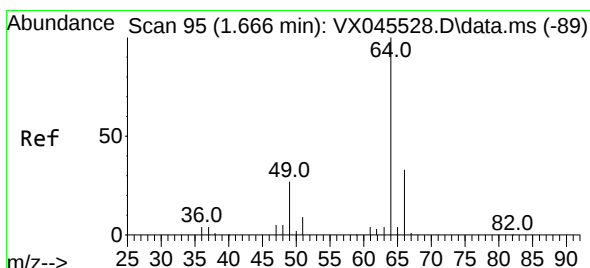
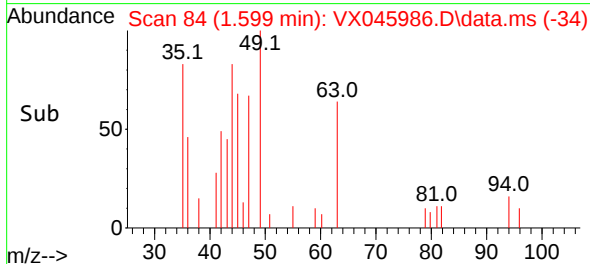
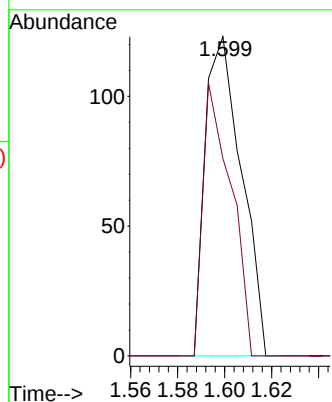
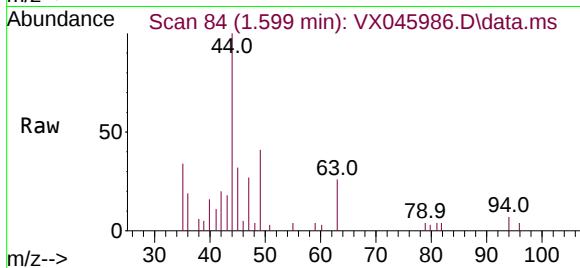




#5
Bromomethane
Concen: 0.308 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045986.D
Acq: 30 Apr 2025 10:32

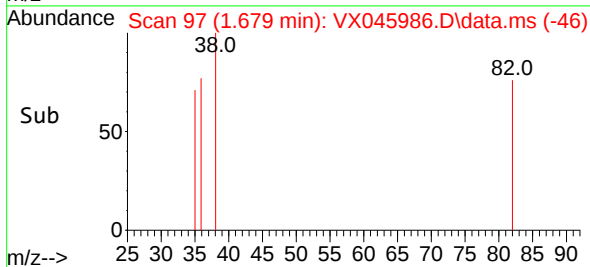
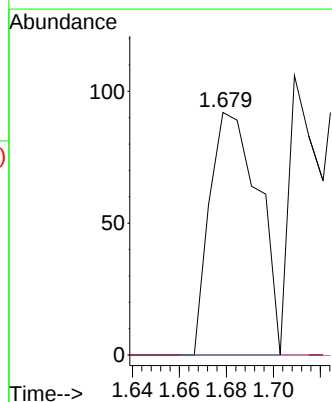
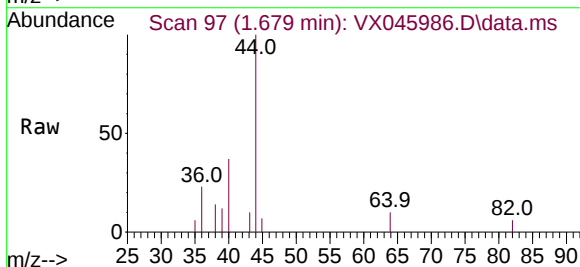
Instrument :
MSVOA_X
ClientSampleId :
VX0430MBL01

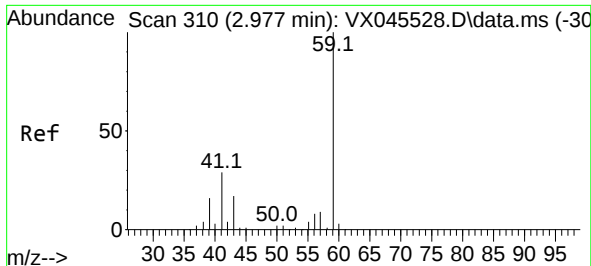
Tgt Ion: 94 Resp: 132
Ion Ratio Lower Upper
94 100
96 61.8 74.8 112.2#



#6
Chloroethane
Concen: 0.277 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.012 min
Lab File: VX045986.D
Acq: 30 Apr 2025 10:32

Tgt Ion: 64 Resp: 133
Ion Ratio Lower Upper
64 100
66 0.0 26.3 39.5#





#11

Tert butyl alcohol

Concen: 0.316 ug/l

RT: 2.947 min Scan# 30

Delta R.T. -0.030 min

Lab File: VX045986.D

Acq: 30 Apr 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

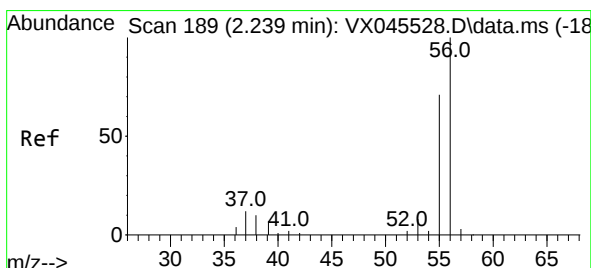
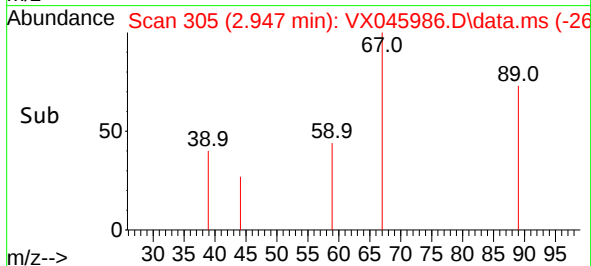
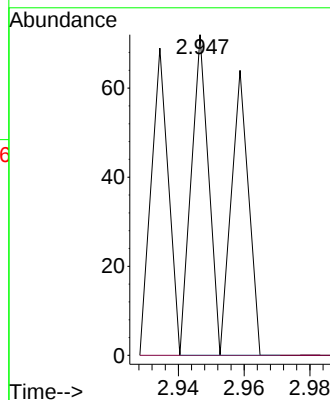
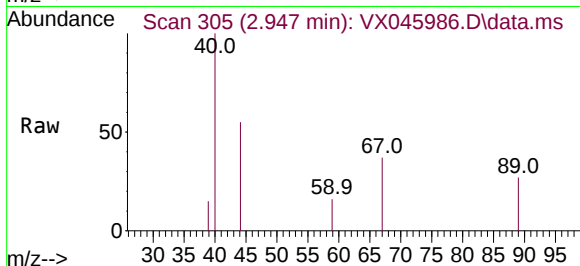
VX0430MBL01

Tgt Ion: 59 Resp: 50

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#13

Acrolein

Concen: 0.726 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX045986.D

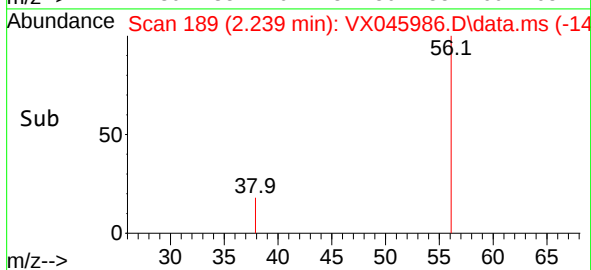
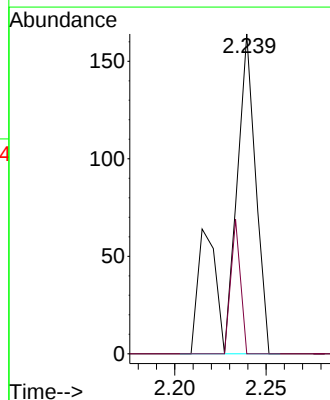
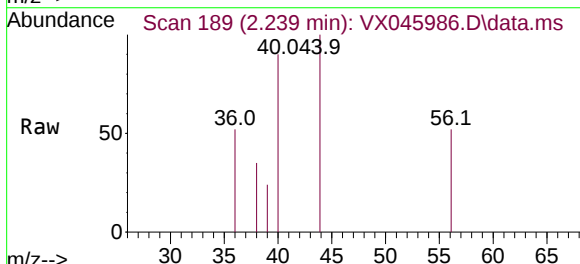
Acq: 30 Apr 2025 10:32

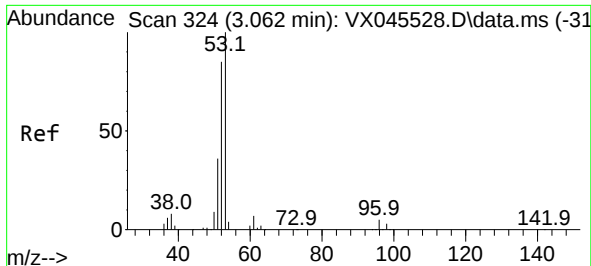
Tgt Ion: 56 Resp: 158

Ion Ratio Lower Upper

56 100

55 15.8 56.2 84.2#





#15

Acrylonitrile

Concen: 0.315 ug/l

RT: 3.081 min Scan# 31

Delta R.T. 0.018 min

Lab File: VX045986.D

Acq: 30 Apr 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

VX0430MBL01

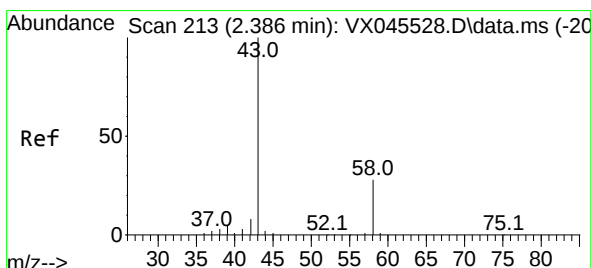
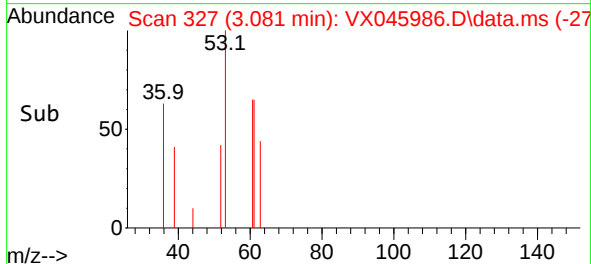
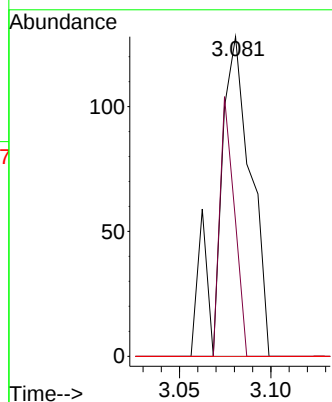
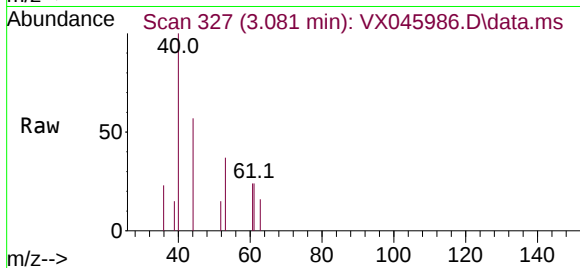
Tgt Ion: 53 Resp: 157

Ion Ratio Lower Upper

53 100

52 36.9 67.4 101.2#

51 0.0 29.9 44.9#



#16

Acetone

Concen: 2.329 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX045986.D

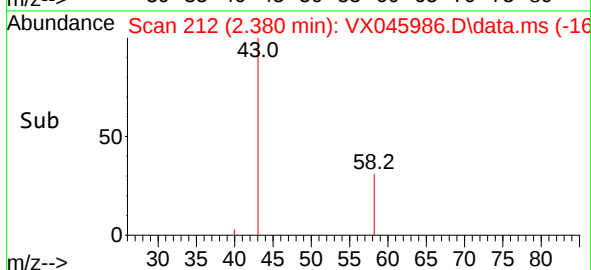
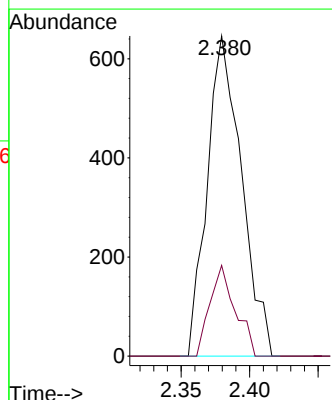
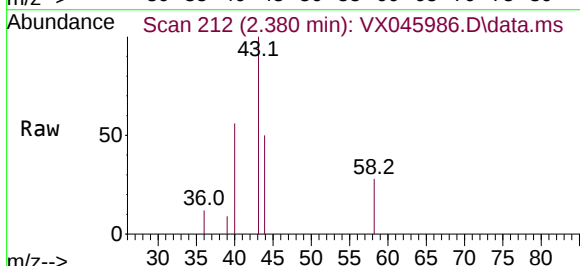
Acq: 30 Apr 2025 10:32

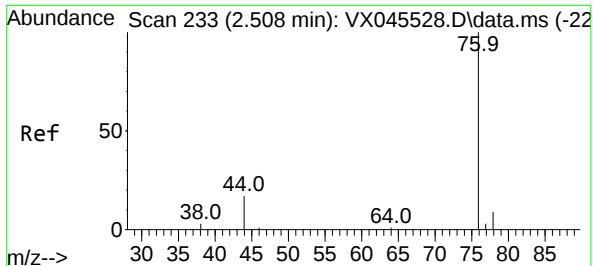
Tgt Ion: 43 Resp: 1125

Ion Ratio Lower Upper

43 100

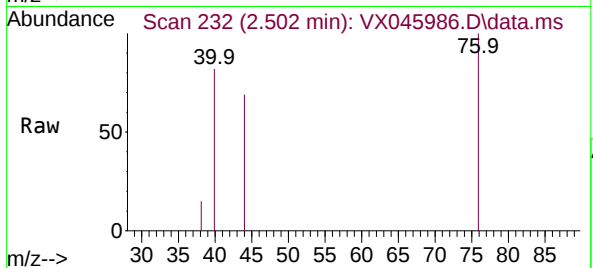
58 28.3 22.3 33.5



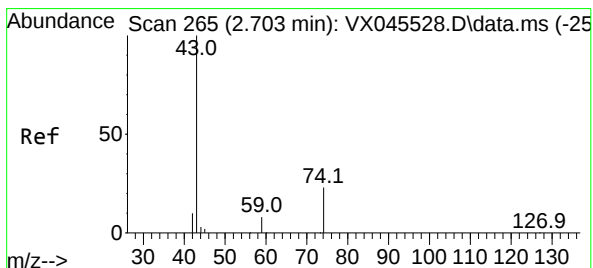
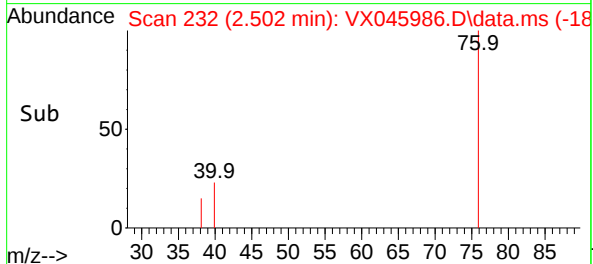
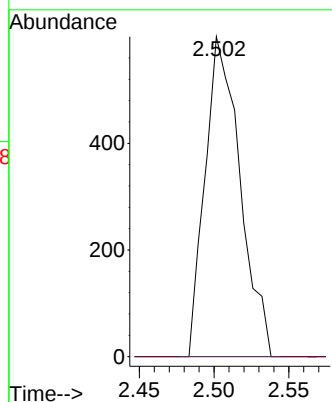


#17
Carbon Disulfide
Concen: 0.512 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045986.D
Acq: 30 Apr 2025 10:32

Instrument :
MSVOA_X
ClientSampleId :
VX0430MBL01

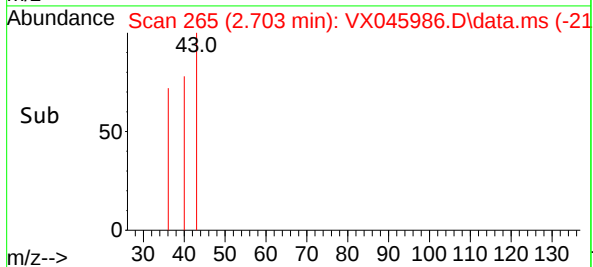
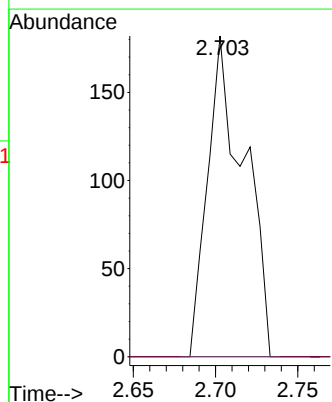
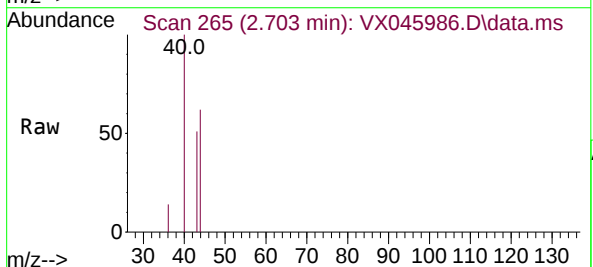


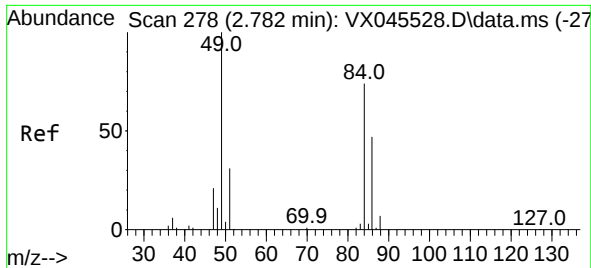
Tgt Ion: 76 Resp: 976
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#18
Methyl Acetate
Concen: 0.254 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045986.D
Acq: 30 Apr 2025 10:32

Tgt Ion: 43 Resp: 282
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#

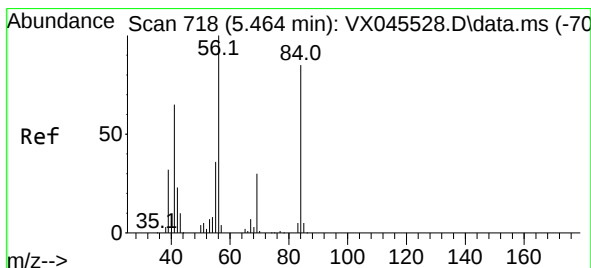
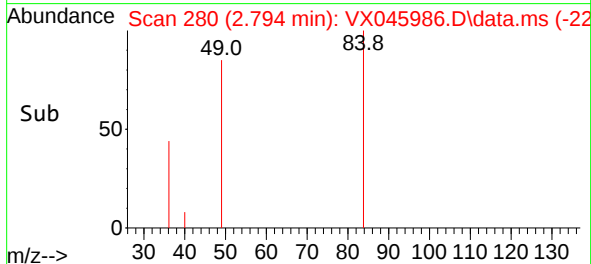
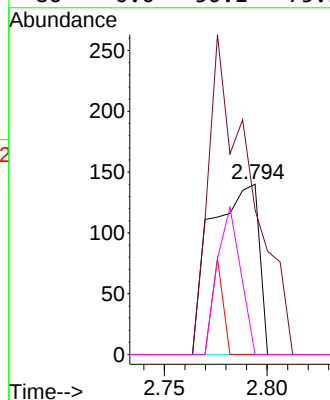
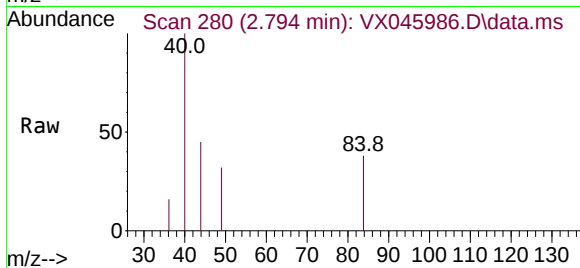




#20
Methylene Chloride
Concen: 0.249 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX045986.D
Acq: 30 Apr 2025 10:32

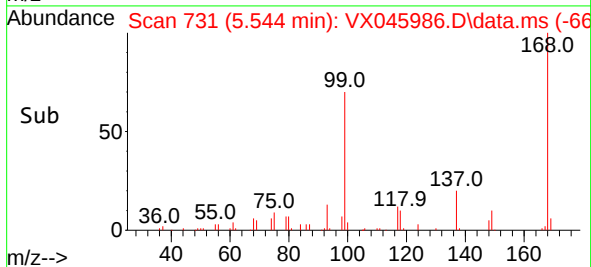
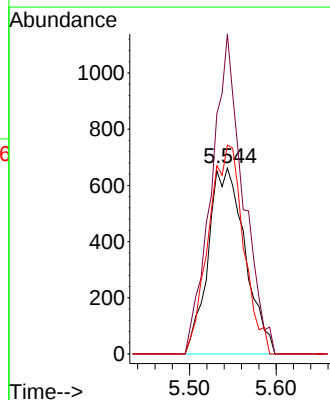
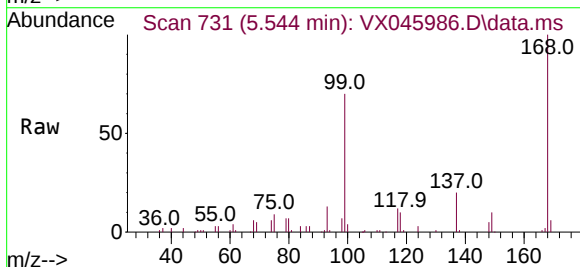
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MSVOA_X
ClientSampleId :
VX0430MBL01

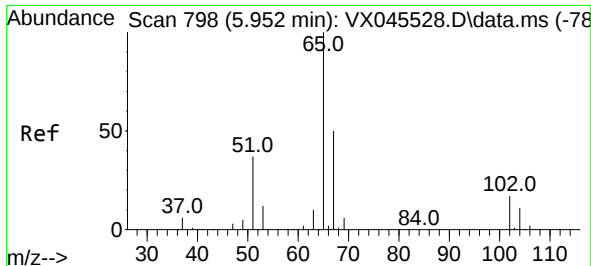
Tgt Ion:	84	Resp:	225
Ion	Ratio	Lower	Upper
84	100		
49	85.0	107.5	161.3#
51	0.0	33.0	49.6#
86	0.0	50.1	75.1#



#31
Cyclohexane
Concen: 1.357 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045986.D
Acq: 30 Apr 2025 10:32

Tgt Ion:	56	Resp:	1959
Ion	Ratio	Lower	Upper
56	100		
69	172.3	23.6	35.4#
84	112.4	67.7	101.5#

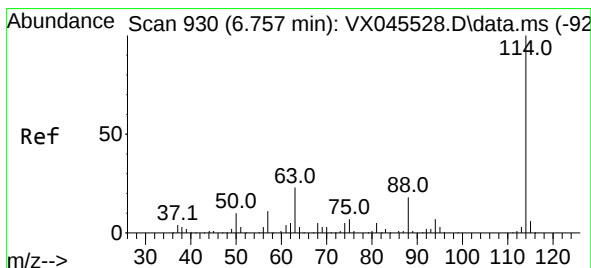
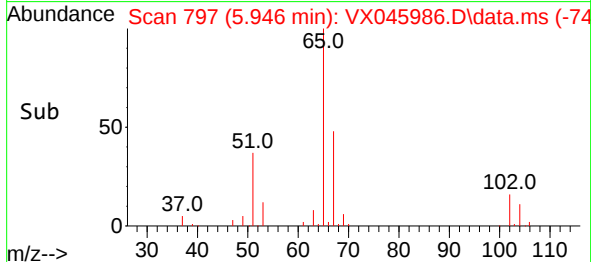
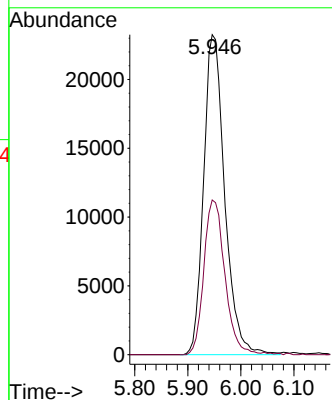
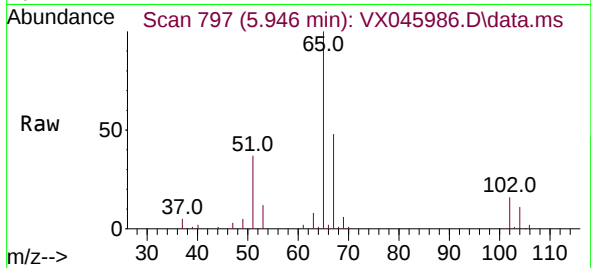




#33
 1,2-Dichloroethane-d4
 Concen: 54.587 ug/l
 RT: 5.946 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: VX045986.D
 Acq: 30 Apr 2025 10:32

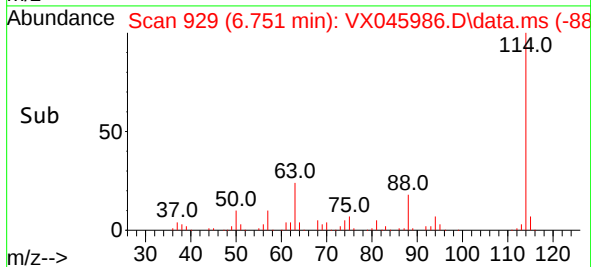
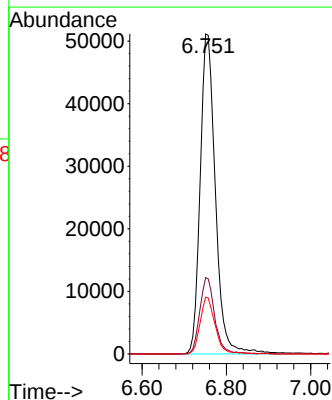
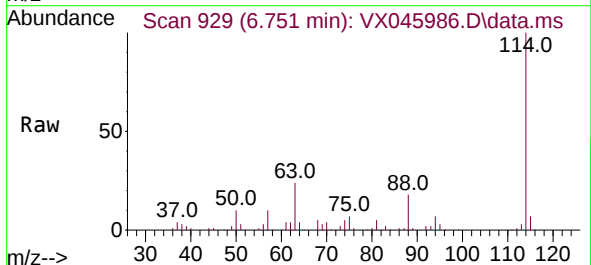
Instrument :
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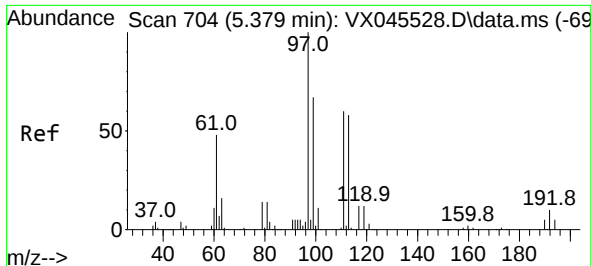
Tgt Ion: 65 Resp: 64222
 Ion Ratio Lower Upper
 65 100
 67 48.1 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. -0.006 min
 Lab File: VX045986.D
 Acq: 30 Apr 2025 10:32

Tgt Ion: 114 Resp: 128575
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 46.8
 88 17.8 0.0 35.4

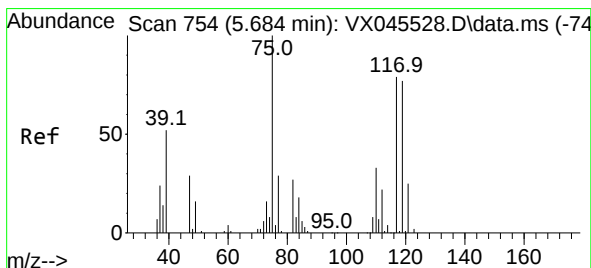
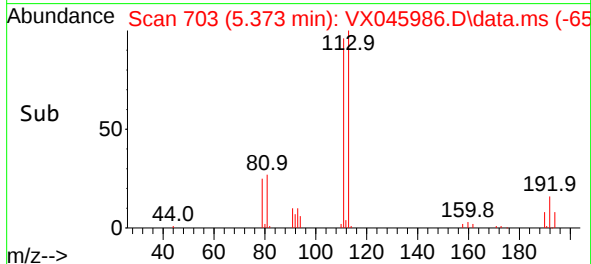
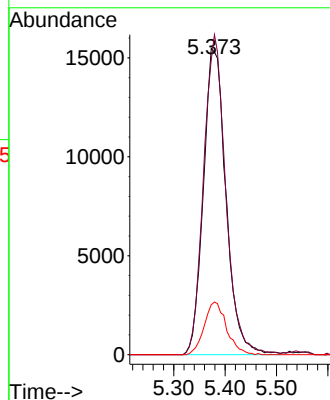
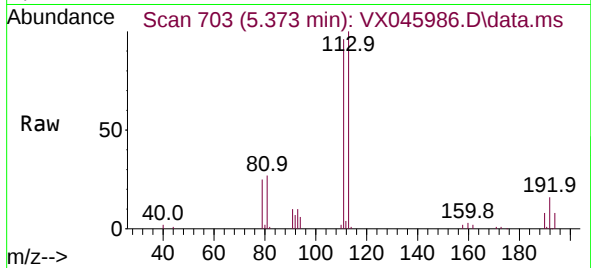




#35
Dibromofluoromethane
Concen: 51.922 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045986.D
Acq: 30 Apr 2025 10:32

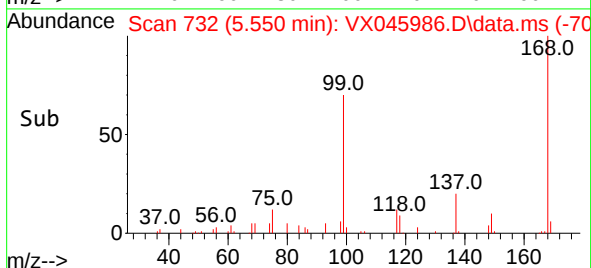
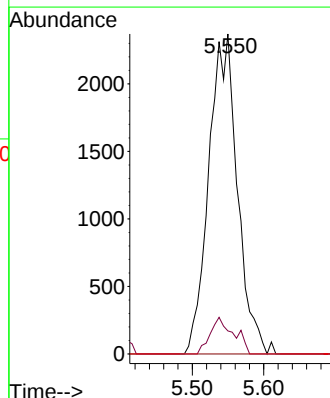
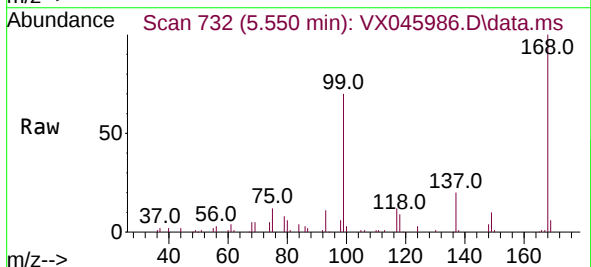
Instrument :
MSVOA_X
ClientSampleId :
VX0430MBL01

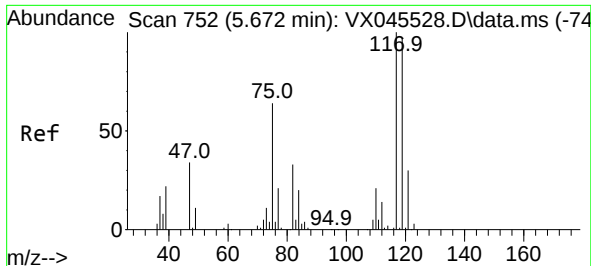
Tgt Ion:113 Resp: 47365
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.6
192 17.0 13.8 20.6



#36
1,1-Dichloropropene
Concen: 5.355 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX045986.D
Acq: 30 Apr 2025 10:32

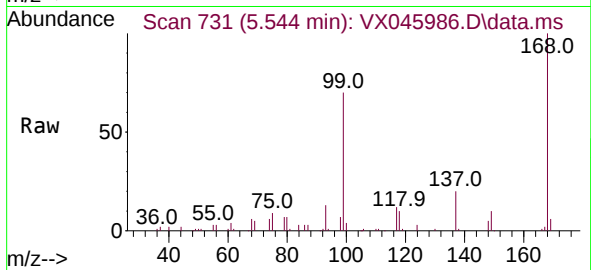
Tgt Ion: 75 Resp: 6596
Ion Ratio Lower Upper
75 100
110 9.4 16.9 50.6#
77 0.0 25.0 37.4#



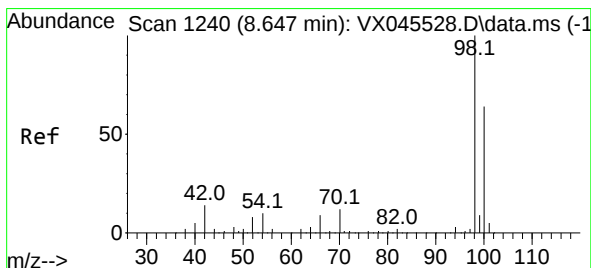
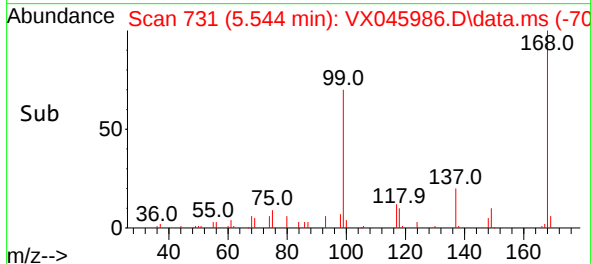
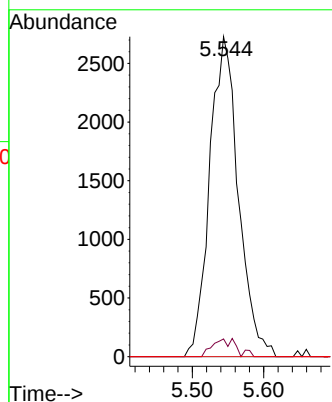


#38
Carbon Tetrachloride
Concen: 5.716 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045986.D
Acq: 30 Apr 2025 10:32

Instrument :
MSVOA_X
ClientSampleId :
VX0430MBL01

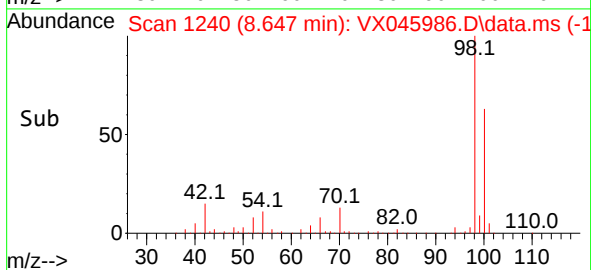
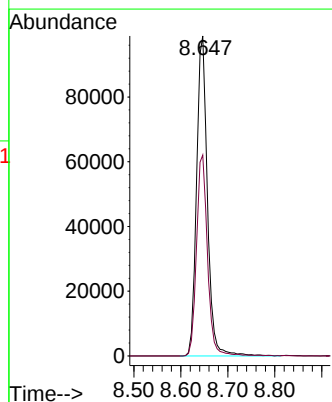
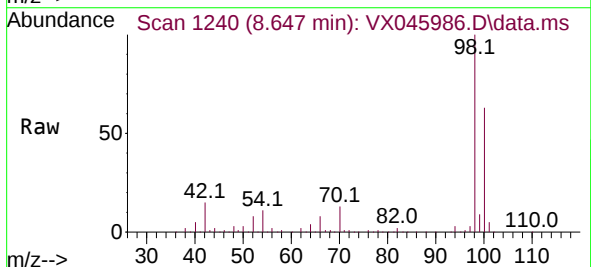


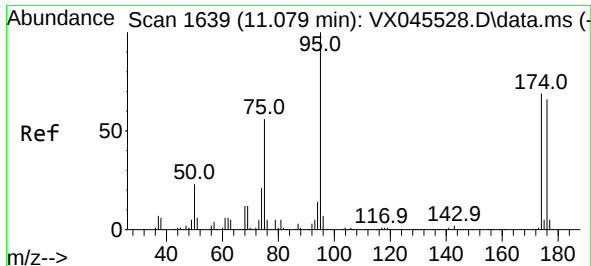
Tgt Ion:117 Resp: 7609
Ion Ratio Lower Upper
117 100
119 5.5 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.127 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045986.D
Acq: 30 Apr 2025 10:32

Tgt Ion: 98 Resp: 159607
Ion Ratio Lower Upper
98 100
100 63.5 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 52.093 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045986.D

Acq: 30 Apr 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

VX0430MBL01

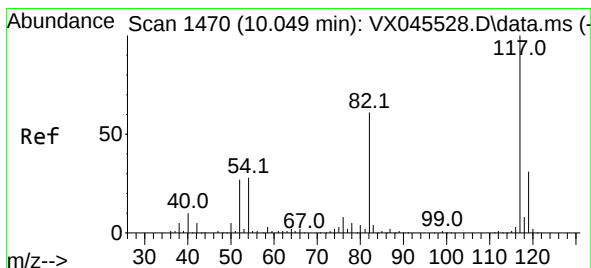
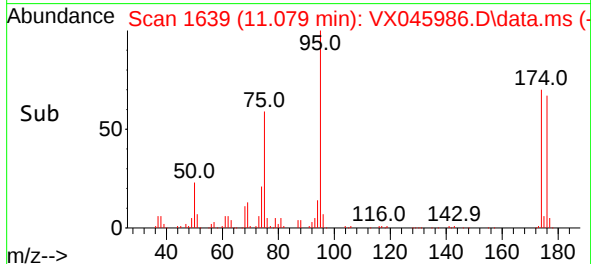
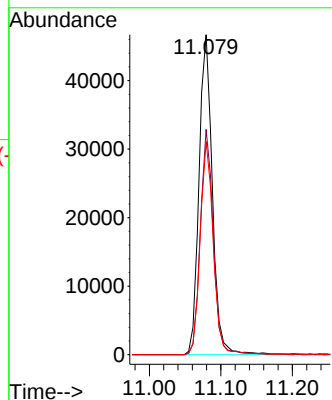
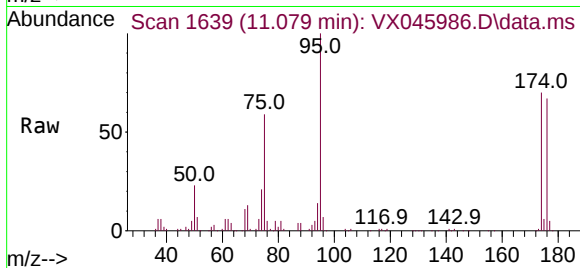
Tgt Ion: 95 Resp: 60417

Ion Ratio Lower Upper

95 100

174 68.5 0.0 135.8

176 65.7 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX045986.D

Acq: 30 Apr 2025 10:32

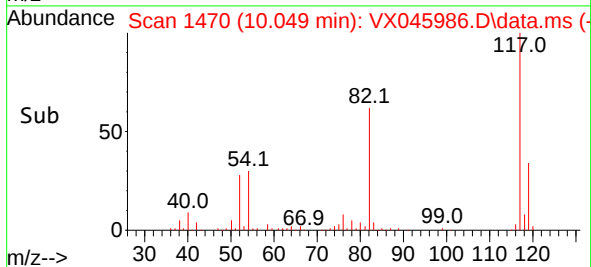
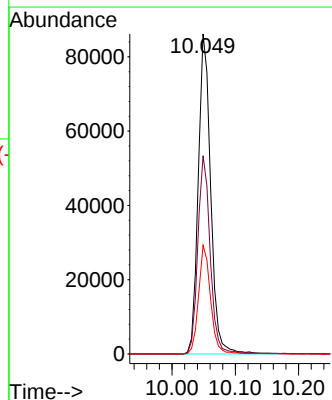
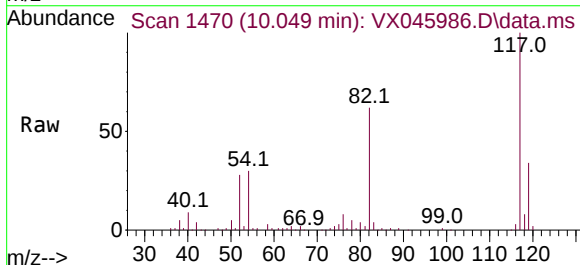
Tgt Ion: 117 Resp: 118214

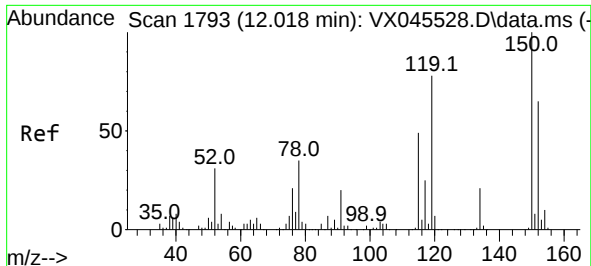
Ion Ratio Lower Upper

117 100

82 62.0 49.2 73.8

119 34.0 25.1 37.7

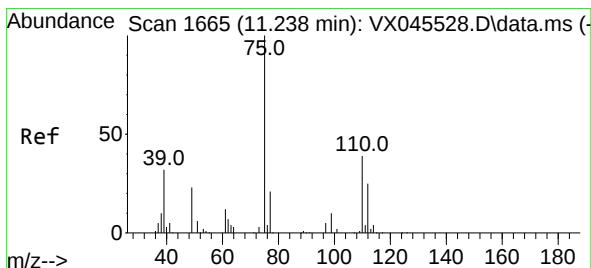
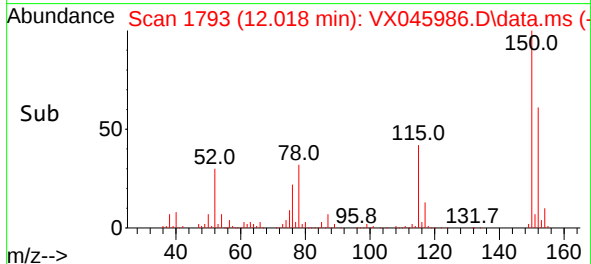
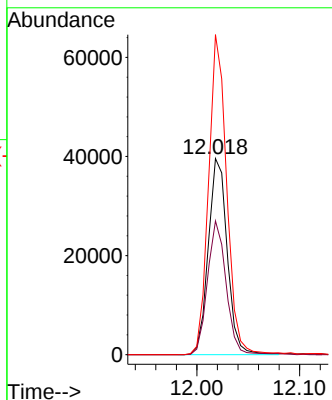
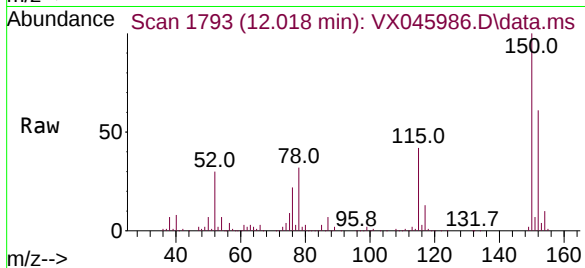




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX045986.D
 Acq: 30 Apr 2025 10:32

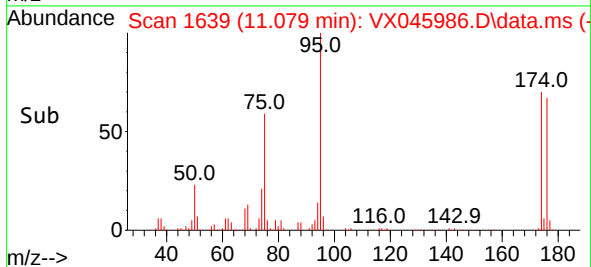
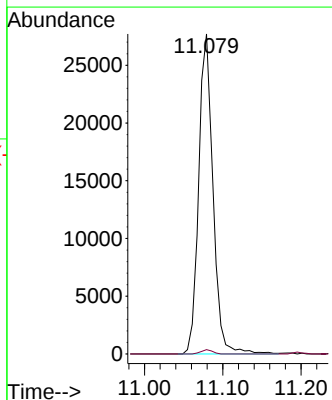
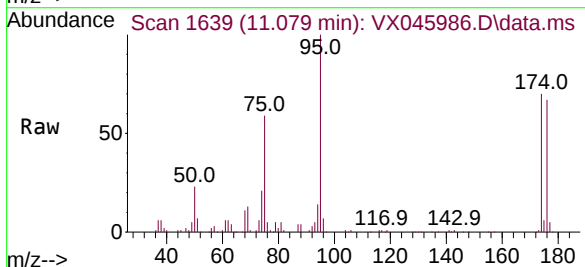
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430MBL01

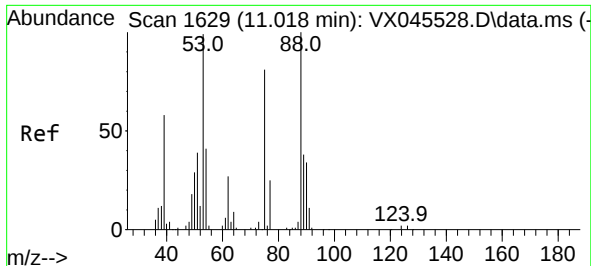
Tgt Ion:152 Resp: 50670
 Ion Ratio Lower Upper
 152 100
 115 67.2 46.9 140.7
 150 156.5 0.0 349.4



#76
 1,2,3-Trichloropropane
 Concen: 28.507 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045986.D
 Acq: 30 Apr 2025 10:32

Tgt Ion: 75 Resp: 35233
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.0 59.9#

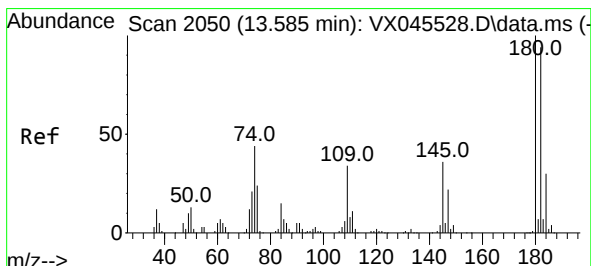
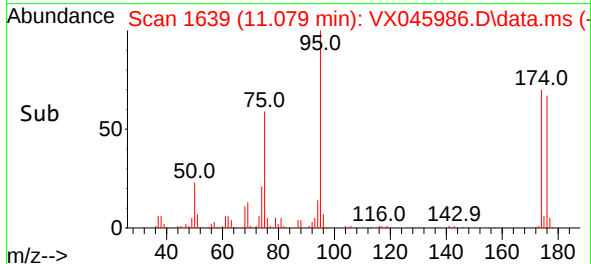
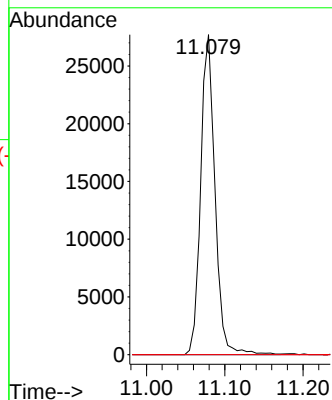
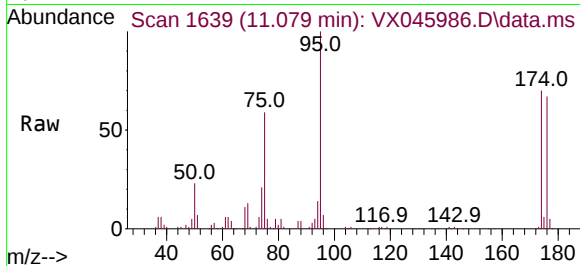




#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.748 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX045986.D
 Acq: 30 Apr 2025 10:32

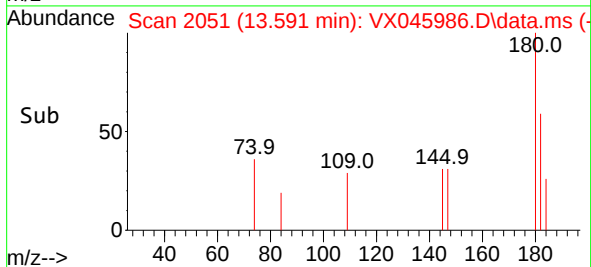
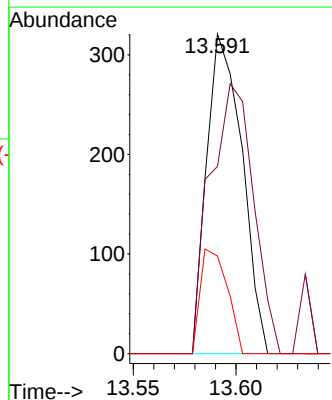
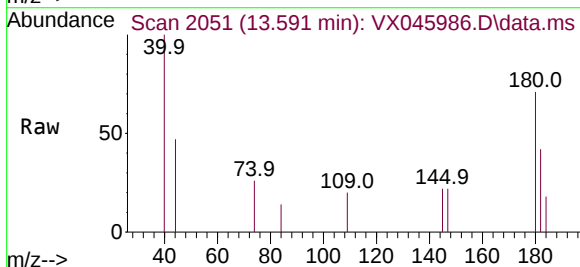
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430MBL01

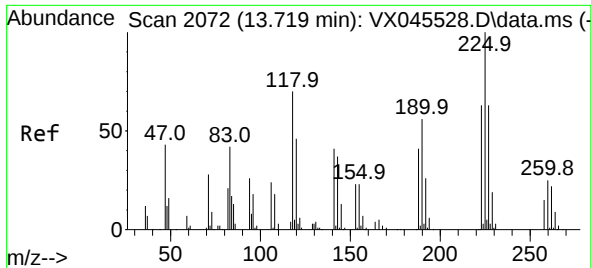
Tgt Ion: 75 Resp: 35233
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.8 152.6#
 89 0.0 37.2 55.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.406 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX045986.D
 Acq: 30 Apr 2025 10:32

Tgt Ion:180 Resp: 384
 Ion Ratio Lower Upper
 180 100
 182 103.1 47.9 143.6
 145 24.7 17.9 53.8

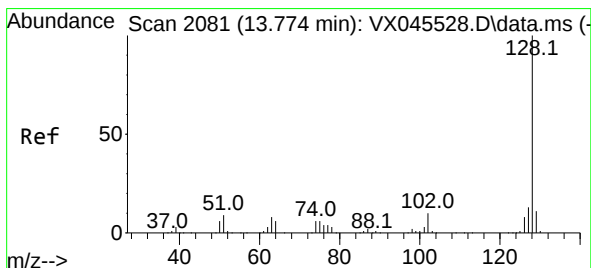
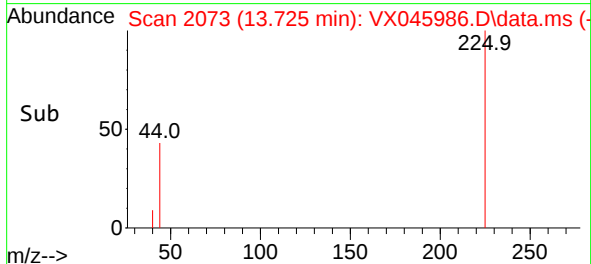
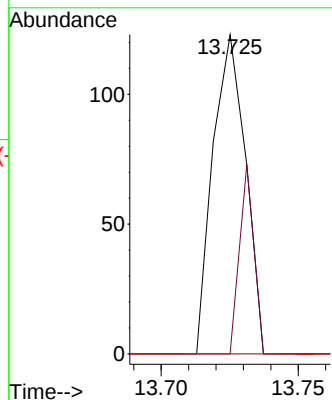
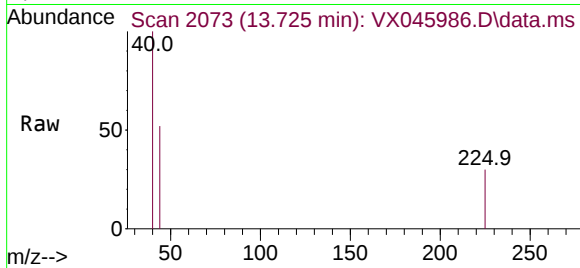




#94
Hexachlorobutadiene
Concen: 0.251 ug/l
RT: 13.725 min Scan# 2072
Delta R.T. 0.006 min
Lab File: VX045986.D
Acq: 30 Apr 2025 10:32

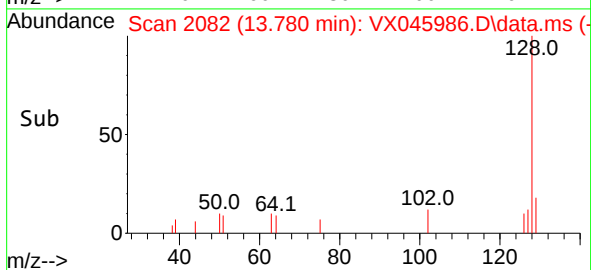
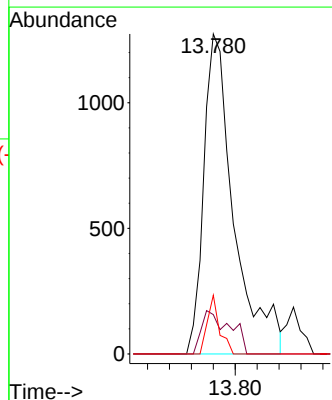
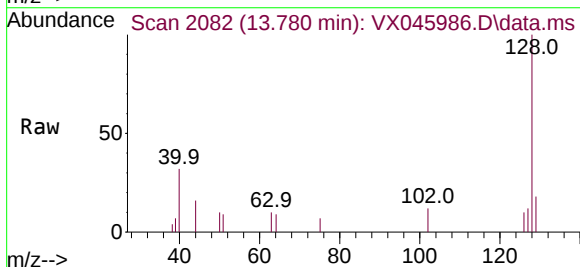
Instrument :
MSVOA_X
ClientSampleId :
VX0430MBL01

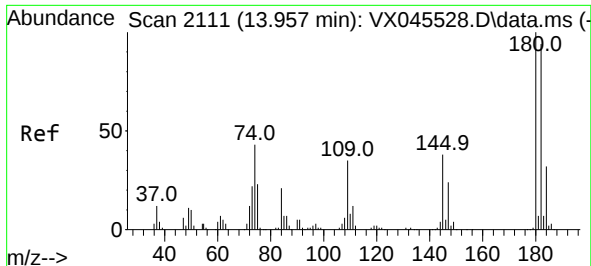
Tgt Ion:225 Resp: 102
Ion Ratio Lower Upper
225 100
223 26.5 31.1 93.3#
227 0.0 32.2 96.6#



#95
Naphthalene
Concen: 0.692 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX045986.D
Acq: 30 Apr 2025 10:32

Tgt Ion:128 Resp: 2432
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 7.3 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.532 ug/l
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.012 min
 Lab File: VX045986.D
 Acq: 30 Apr 2025 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430MBL01

Tgt Ion:180 Resp: 526
 Ion Ratio Lower Upper
 180 100
 182 83.7 47.3 141.8
 145 23.2 18.2 54.6

