

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021925\
 Data File : VX045002.D
 Acq On : 19 Feb 2025 13:18
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 20 02:37:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

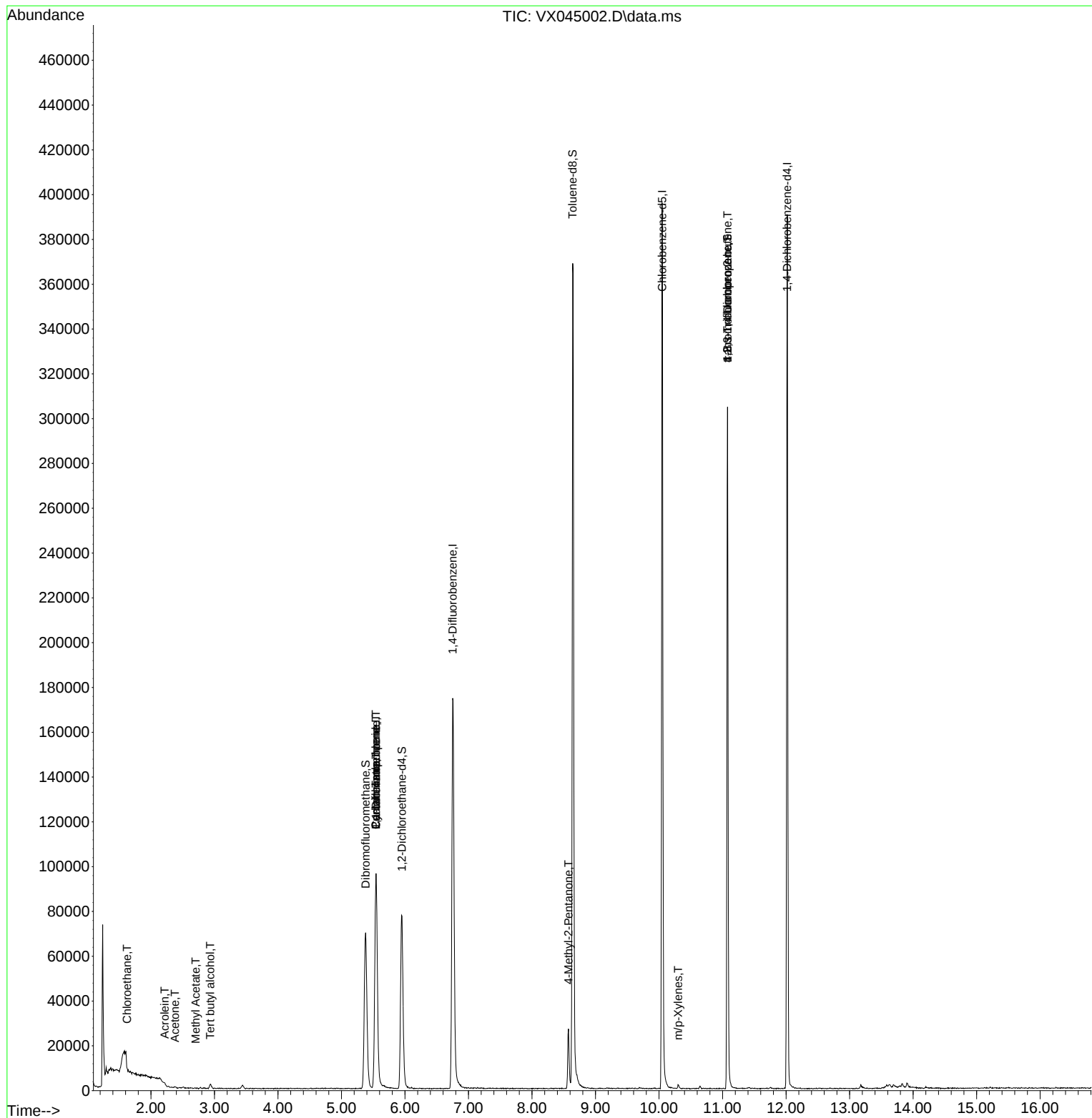
Internal Standards						
1) Pentafluorobenzene	5.544	168	90620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	186687	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	168777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	76733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74322	56.028	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.060%			
35) Dibromofluoromethane	5.379	113	62576	51.555	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.100%			
50) Toluene-d8	8.641	98	230830	50.292	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.580%			
62) 4-Bromofluorobenzene	11.079	95	80745	52.184	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.360%			
Target Compounds						Qvalue
6) Chloroethane	1.624	64	1206	3.008	ug/l #	56
11) Tert butyl alcohol	2.934	59	997	4.051	ug/l #	73
13) Acrolein	2.215	56	105	0.414	ug/l #	1
16) Acetone	2.380	43	679	1.273	ug/l	89
18) Methyl Acetate	2.703	43	413	0.245	ug/l #	52
31) Cyclohexane	5.544	56	2375	1.153	ug/l #	7
36) 1,1-Dichloropropene	5.544	75	8165	4.663	ug/l #	49
38) Carbon Tetrachloride	5.544	117	9729	5.669	ug/l #	14
51) 4-Methyl-2-Pentanone	8.574	43	17294	9.044	ug/l	97
68) m/p-Xylenes	10.299	106	583	0.247	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	42751	25.129	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	42751	64.641	ug/l #	11

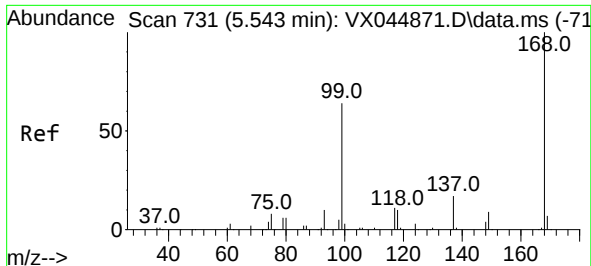
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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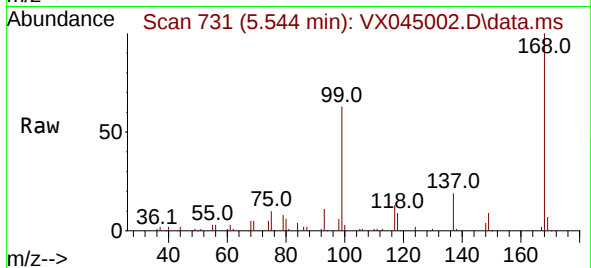
Quant Time: Feb 20 02:37:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration



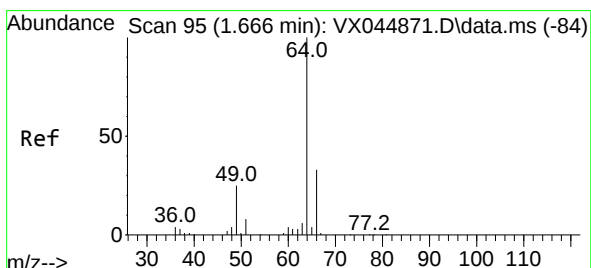
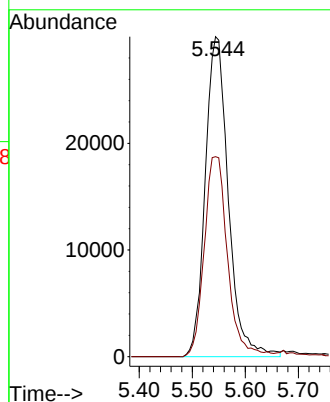
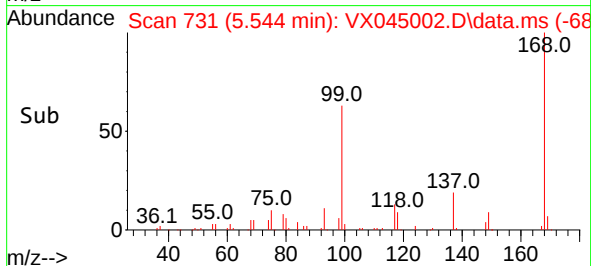


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX045002.D
Acq: 19 Feb 2025 13:18

Instrument :
MSVOA_X
ClientSampleId :

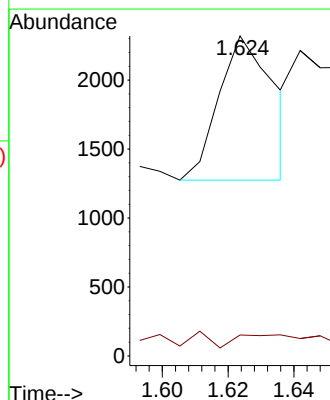
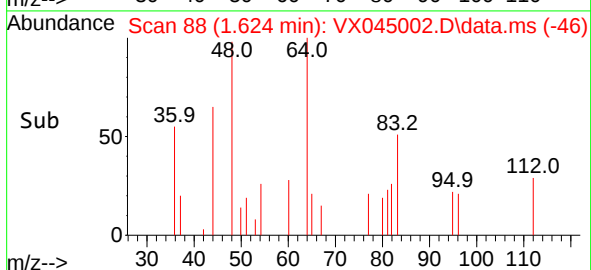
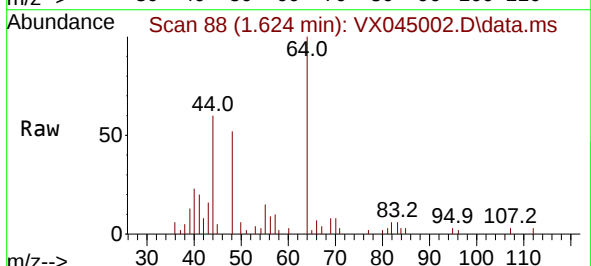


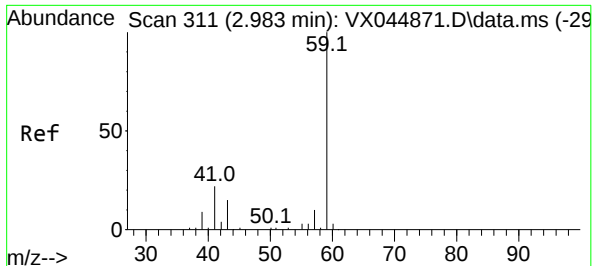
Tgt Ion:168 Resp: 90620
Ion Ratio Lower Upper
168 100
99 62.5 51.2 76.8



#6
Chloroethane
Concen: 3.008 ug/l
RT: 1.624 min Scan# 88
Delta R.T. -0.042 min
Lab File: VX045002.D
Acq: 19 Feb 2025 13:18

Tgt Ion: 64 Resp: 1206
Ion Ratio Lower Upper
64 100
66 7.8 25.9 38.9#

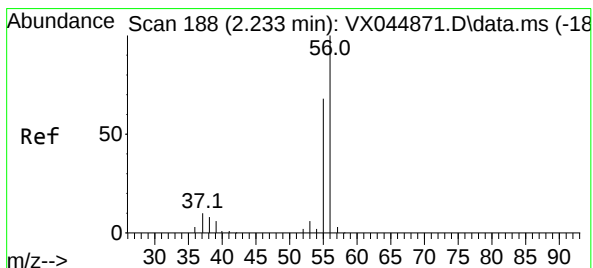
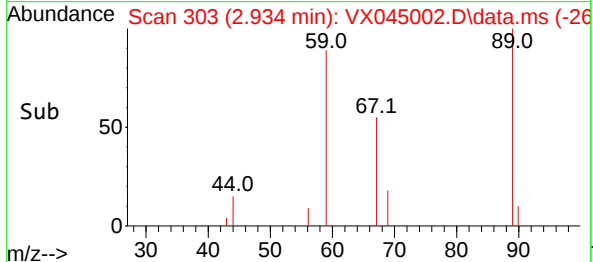
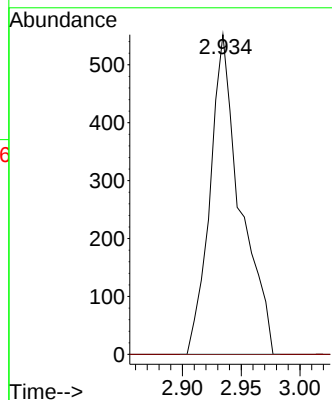
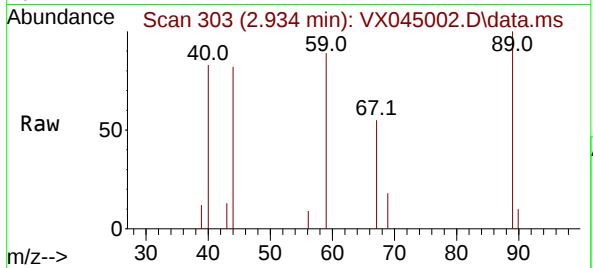




#11
Tert butyl alcohol
Concen: 4.051 ug/l
RT: 2.934 min Scan# 30
Delta R.T. -0.048 min
Lab File: VX045002.D
Acq: 19 Feb 2025 13:18

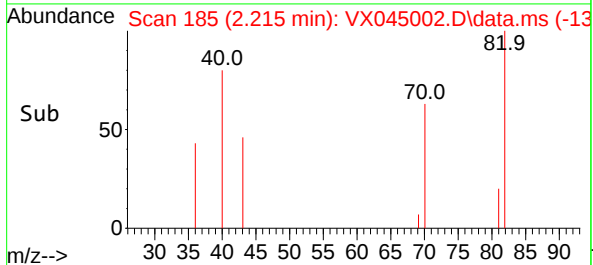
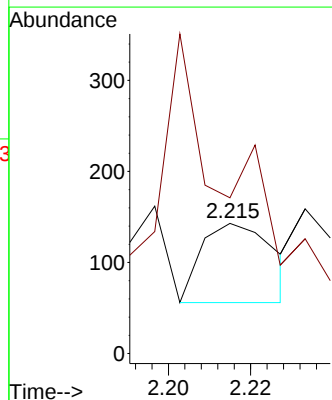
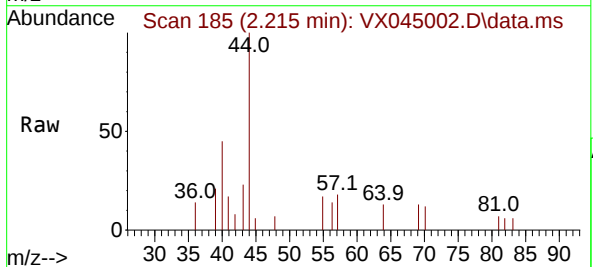
Instrument :
MSVOA_X
ClientSampleId :

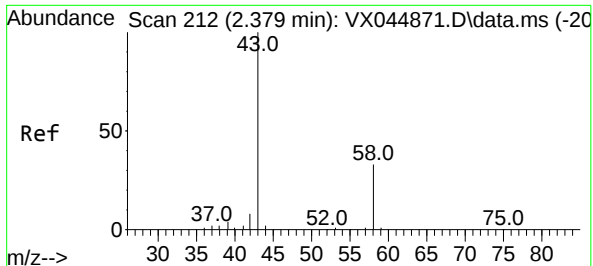
Tgt Ion: 59 Resp: 997
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#13
Acrolein
Concen: 0.414 ug/l
RT: 2.215 min Scan# 185
Delta R.T. -0.018 min
Lab File: VX045002.D
Acq: 19 Feb 2025 13:18

Tgt Ion: 56 Resp: 105
Ion Ratio Lower Upper
56 100
55 511.4 55.7 83.5#

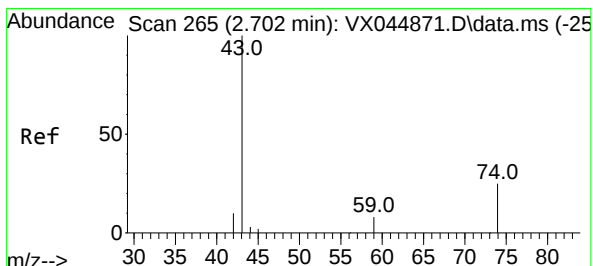
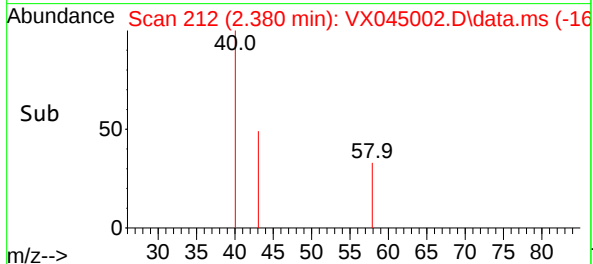
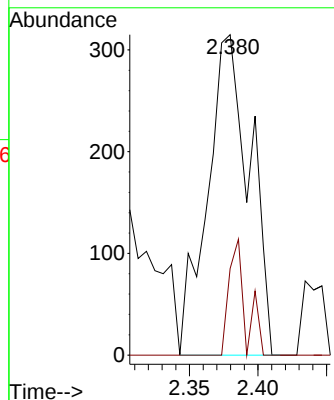
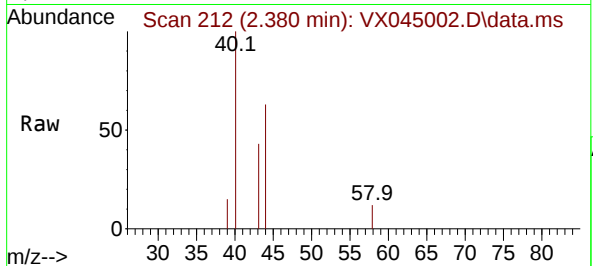




#16
Acetone
Concen: 1.273 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX045002.D
Acq: 19 Feb 2025 13:18

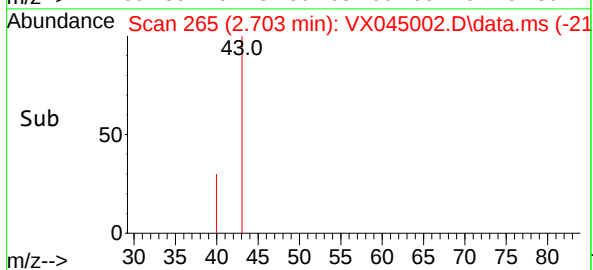
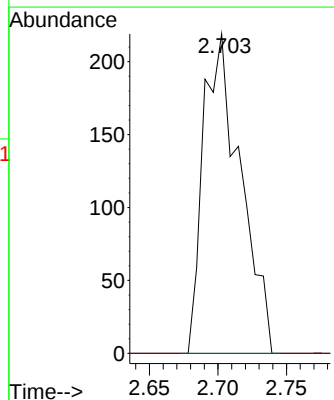
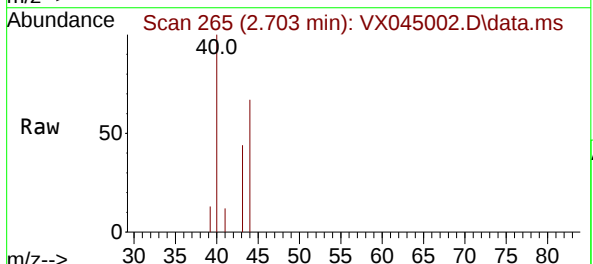
Instrument :
MSVOA_X
ClientSampleId :

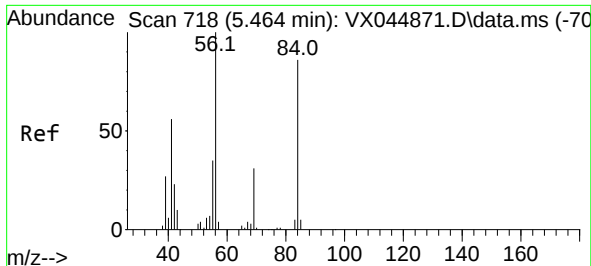
Tgt Ion: 43 Resp: 679
Ion Ratio Lower Upper
43 100
58 27.0 26.5 39.7



#18
Methyl Acetate
Concen: 0.245 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045002.D
Acq: 19 Feb 2025 13:18

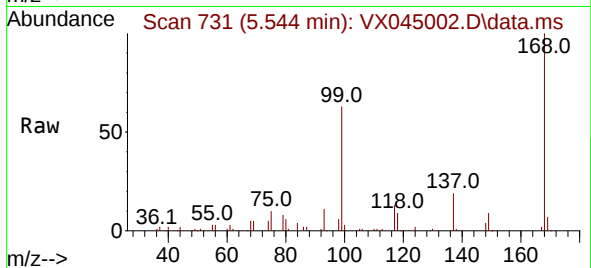
Tgt Ion: 43 Resp: 413
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#



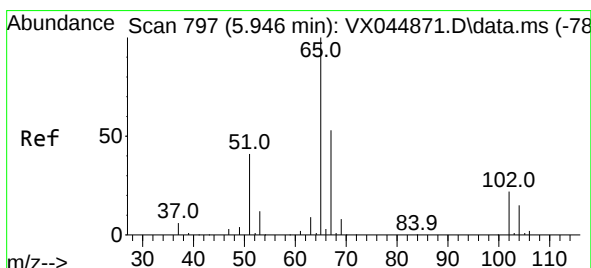
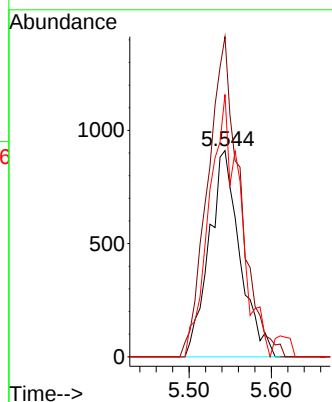
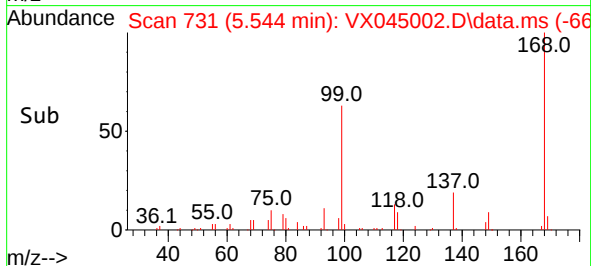


#31
Cyclohexane
Concen: 1.153 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.080 min
Lab File: VX045002.D
Acq: 19 Feb 2025 13:18

Instrument :
MSVOA_X
ClientSampleId :

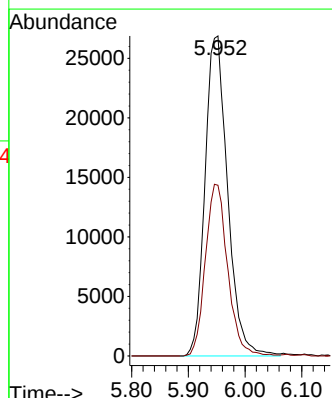
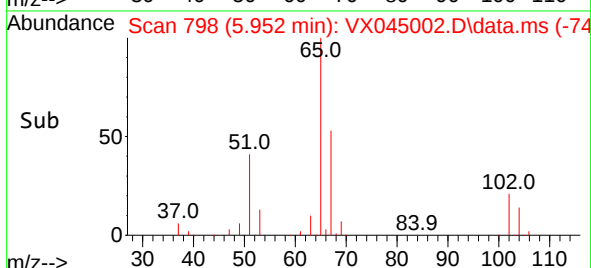
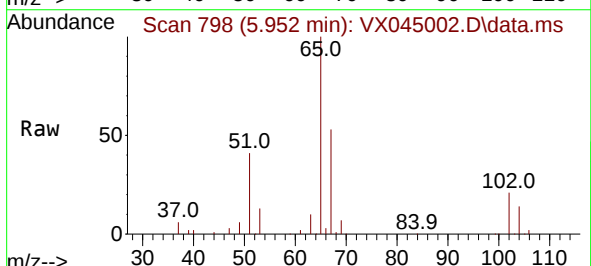


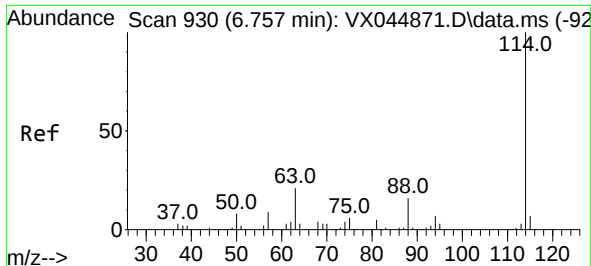
Tgt Ion: 56 Resp: 2375
Ion Ratio Lower Upper
56 100
69 155.2 24.4 36.6#
84 127.2 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 56.028 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX045002.D
Acq: 19 Feb 2025 13:18

Tgt Ion: 65 Resp: 74322
Ion Ratio Lower Upper
65 100
67 52.9 0.0 108.2

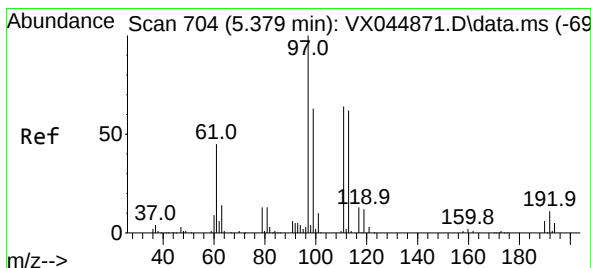
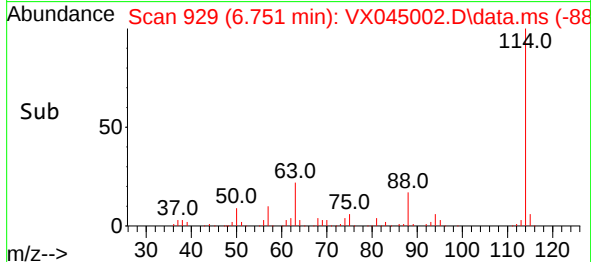
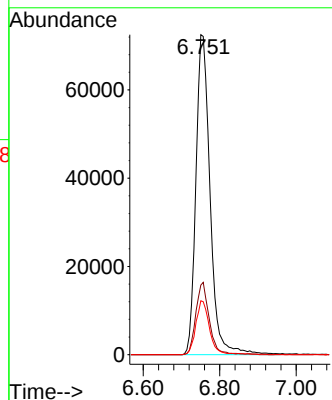
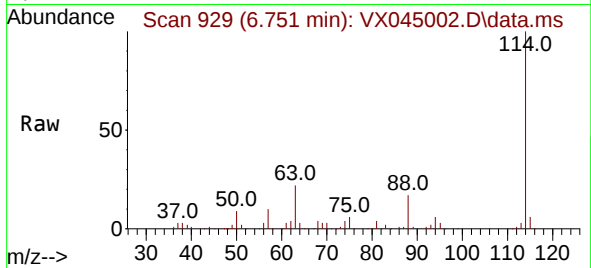




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX045002.D
Acq: 19 Feb 2025 13:18

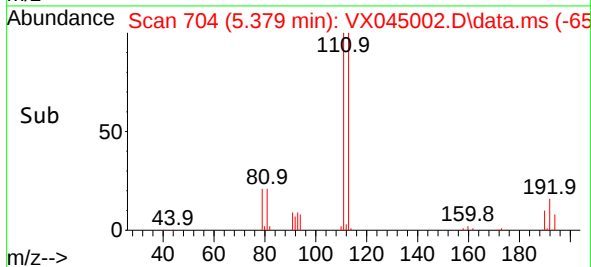
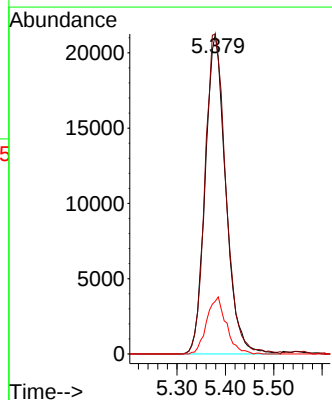
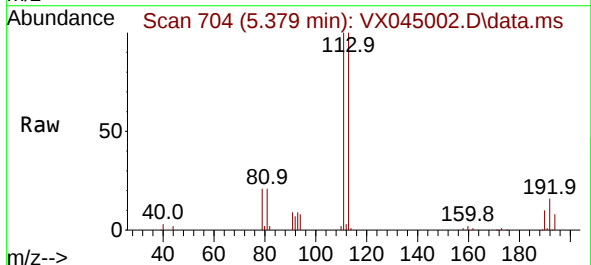
Instrument :
MSVOA_X
ClientSampleId :

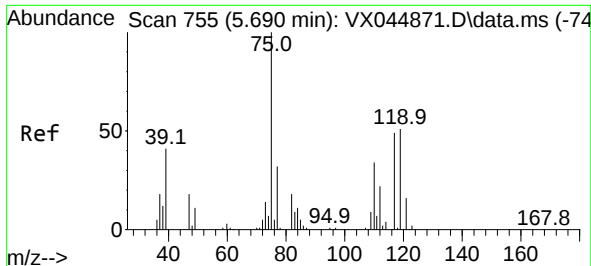
Tgt Ion:114 Resp: 186687
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.4
88 16.8 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.555 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045002.D
Acq: 19 Feb 2025 13:18

Tgt Ion:113 Resp: 62576
Ion Ratio Lower Upper
113 100
111 101.9 83.5 125.3
192 17.0 14.4 21.6

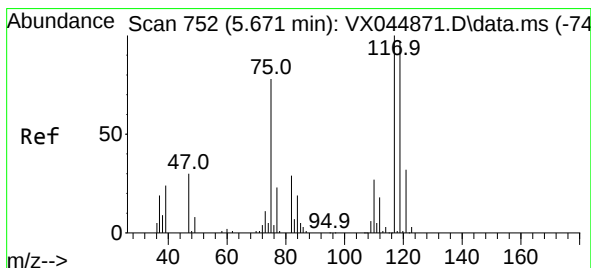
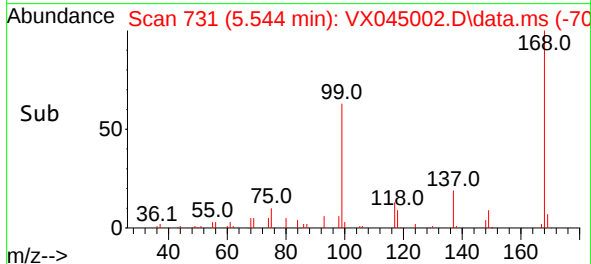
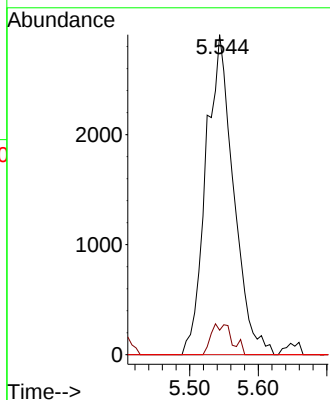
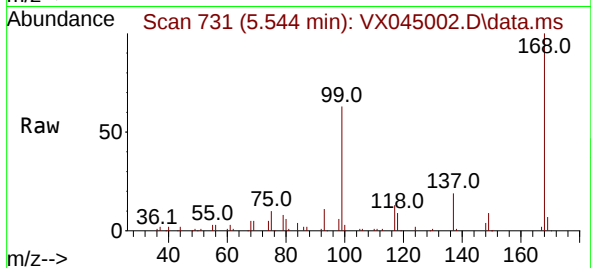




#36
1,1-Dichloropropene
Concen: 4.663 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX045002.D
Acq: 19 Feb 2025 13:18

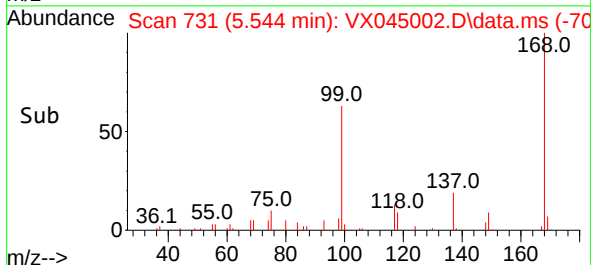
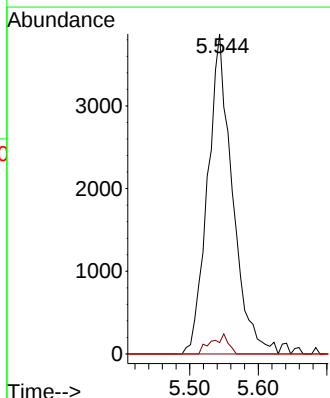
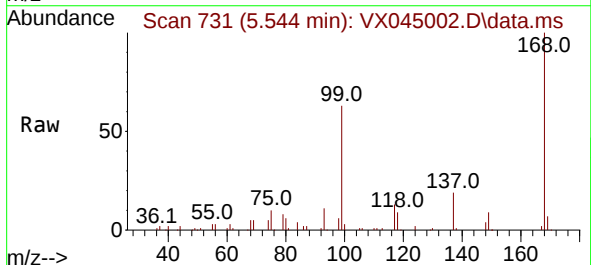
Instrument :
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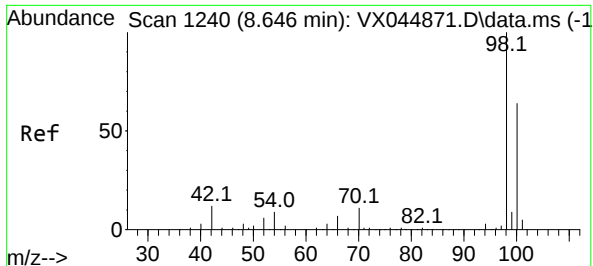
Tgt Ion: 75 Resp: 8165
Ion Ratio Lower Upper
75 100
110 7.2 17.2 51.6#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.669 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX045002.D
Acq: 19 Feb 2025 13:18

Tgt Ion: 117 Resp: 9729
Ion Ratio Lower Upper
117 100
119 3.6 77.5 116.3#
121 0.0 25.6 38.4#





#50

Toluene-d8

Concen: 50.292 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. -0.006 min

Lab File: VX045002.D

Acq: 19 Feb 2025 13:18

Instrument :

MSVOA_X

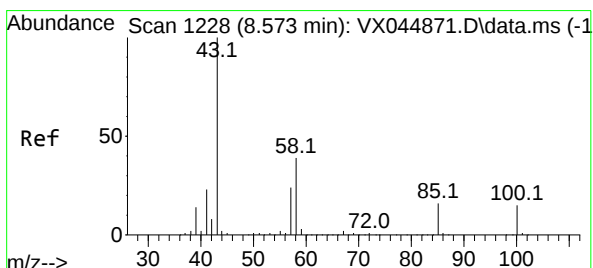
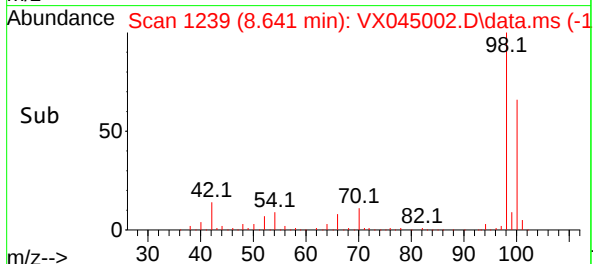
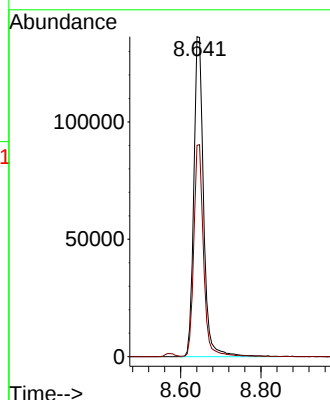
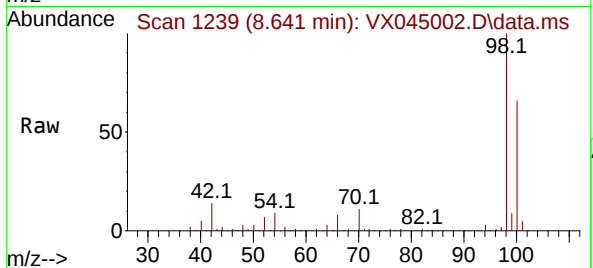
ClientSampleId :

Tgt Ion: 98 Resp: 230830

Ion Ratio Lower Upper

98 100

100 64.9 52.7 79.1



#51

4-Methyl-2-Pentanone

Concen: 9.044 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX045002.D

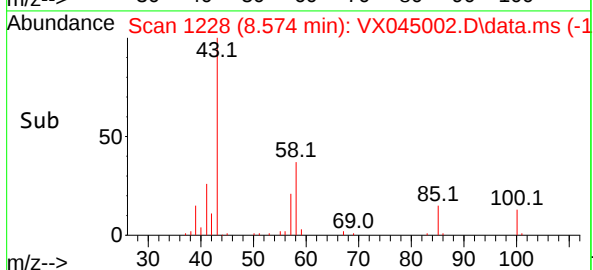
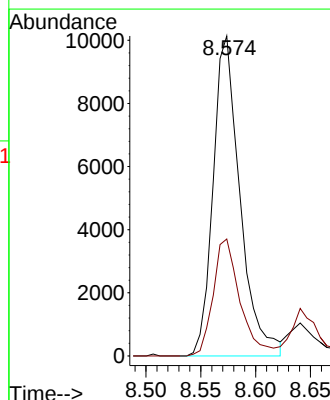
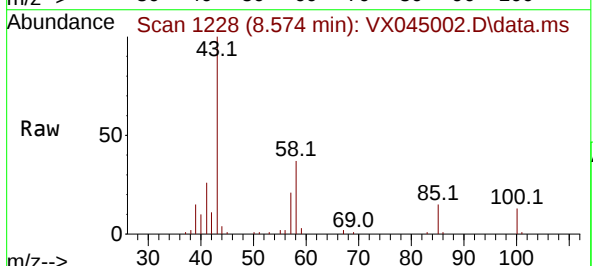
Acq: 19 Feb 2025 13:18

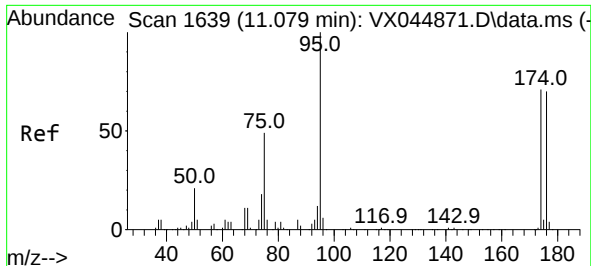
Tgt Ion: 43 Resp: 17294

Ion Ratio Lower Upper

43 100

58 36.6 30.8 46.2





#62

4-Bromofluorobenzene

Concen: 52.184 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045002.D

Acq: 19 Feb 2025 13:18

Instrument :

MSVOA_X

ClientSampleId :

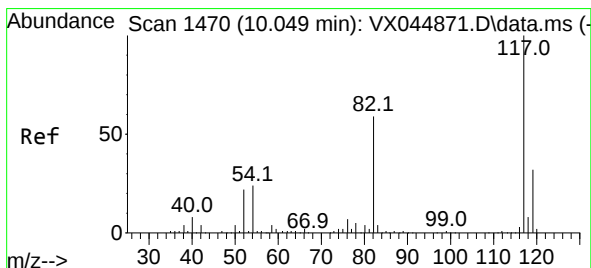
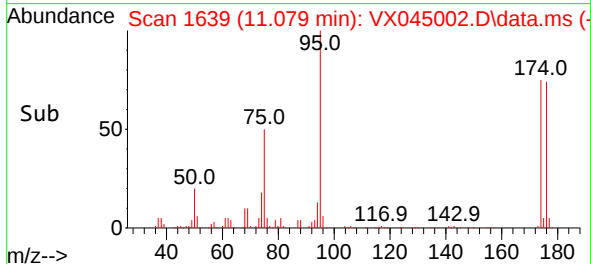
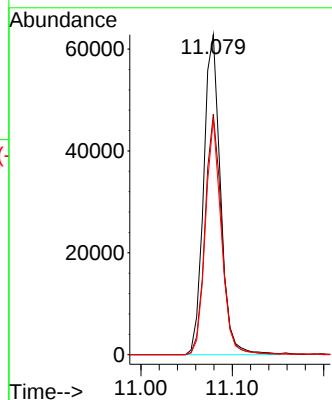
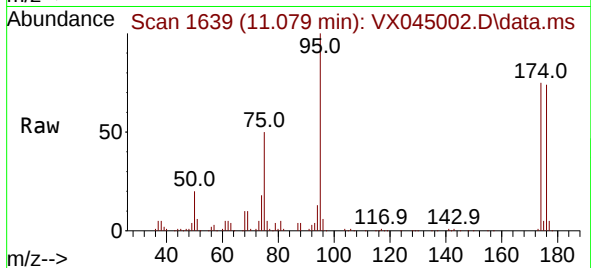
Tgt Ion: 95 Resp: 80745

Ion Ratio Lower Upper

95 100

174 74.4 0.0 142.6

176 69.7 0.0 141.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX045002.D

Acq: 19 Feb 2025 13:18

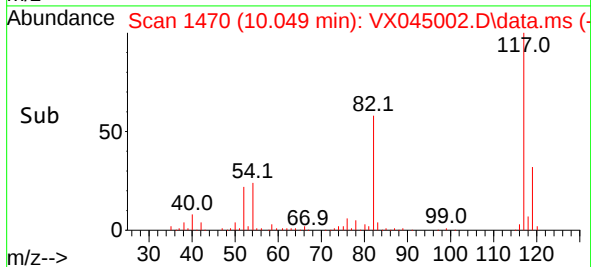
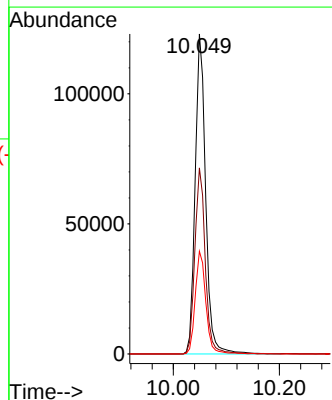
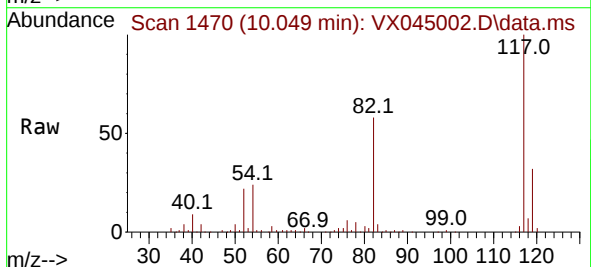
Tgt Ion: 117 Resp: 168777

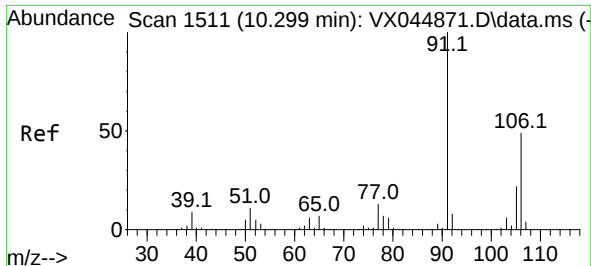
Ion Ratio Lower Upper

117 100

82 58.2 47.5 71.3

119 32.1 25.4 38.0

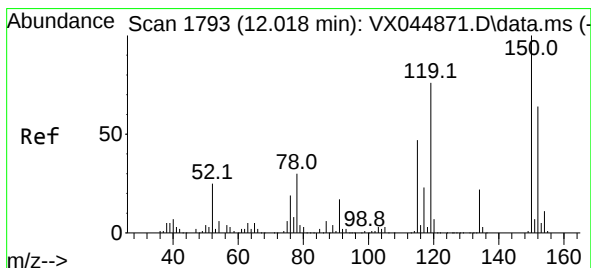
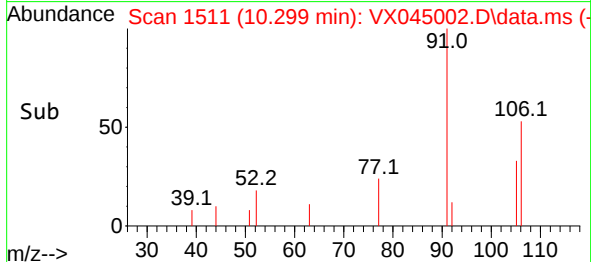
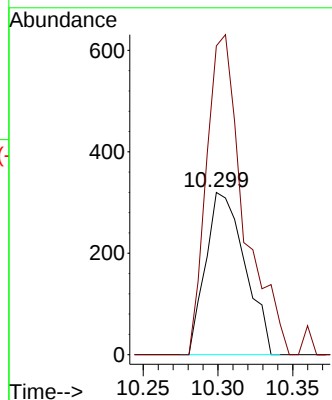
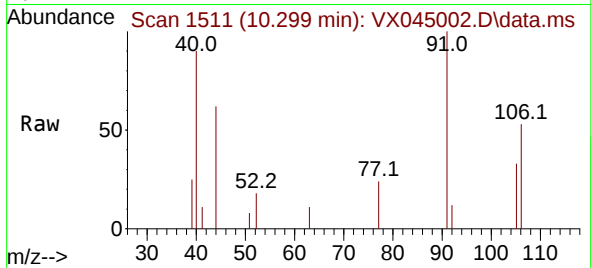




#68
m/p-Xylenes
Concen: 0.247 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045002.D
Acq: 19 Feb 2025 13:18

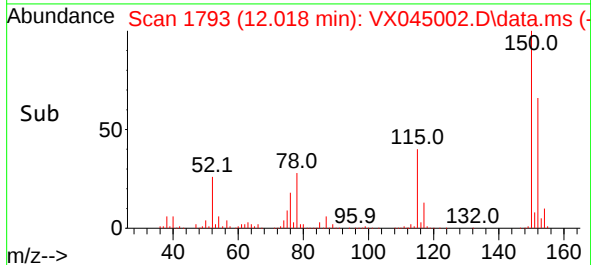
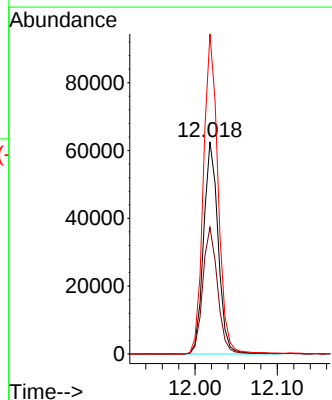
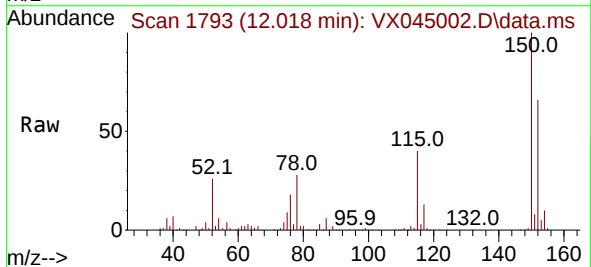
Instrument :
MSVOA_X
ClientSampleId :

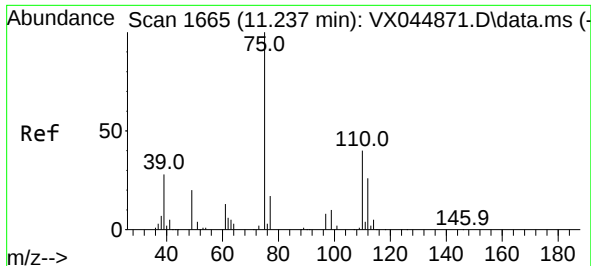
Tgt Ion:106 Resp: 583
Ion Ratio Lower Upper
106 100
91 188.2 164.3 246.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045002.D
Acq: 19 Feb 2025 13:18

Tgt Ion:152 Resp: 76733
Ion Ratio Lower Upper
152 100
115 60.9 43.4 130.1
150 151.7 0.0 350.4

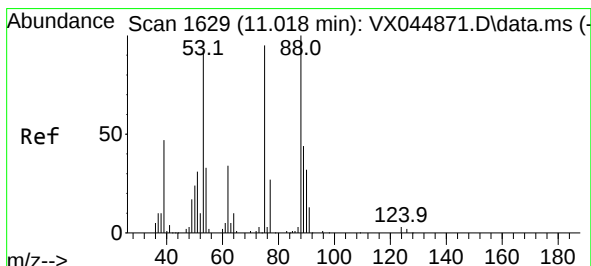
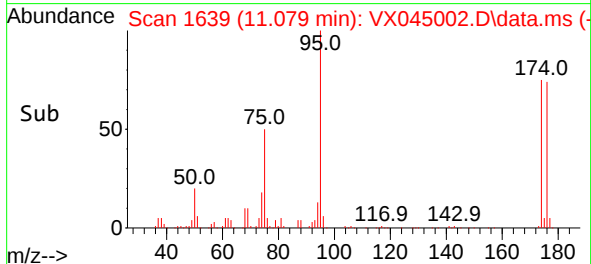
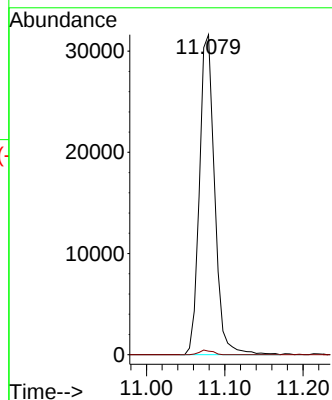
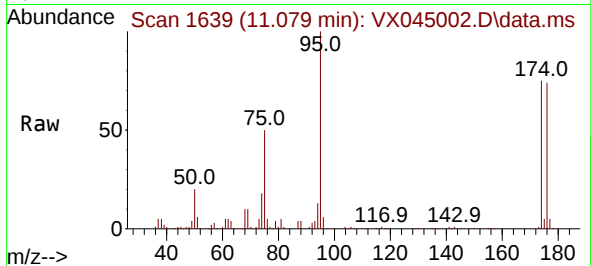




#76
1,2,3-Trichloropropane
Concen: 25.129 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045002.D
Acq: 19 Feb 2025 13:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 42751
Ion Ratio Lower Upper
75 100
77 1.2 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.641 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045002.D
Acq: 19 Feb 2025 13:18

Tgt Ion: 75 Resp: 42751
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 36.6 54.8#

