

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
 Data File : VX045147.D
 Acq On : 05 Mar 2025 17:05
 Operator : JC/MD
 Sample : Q1501-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-030525

Quant Time: Mar 06 01:09:45 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)

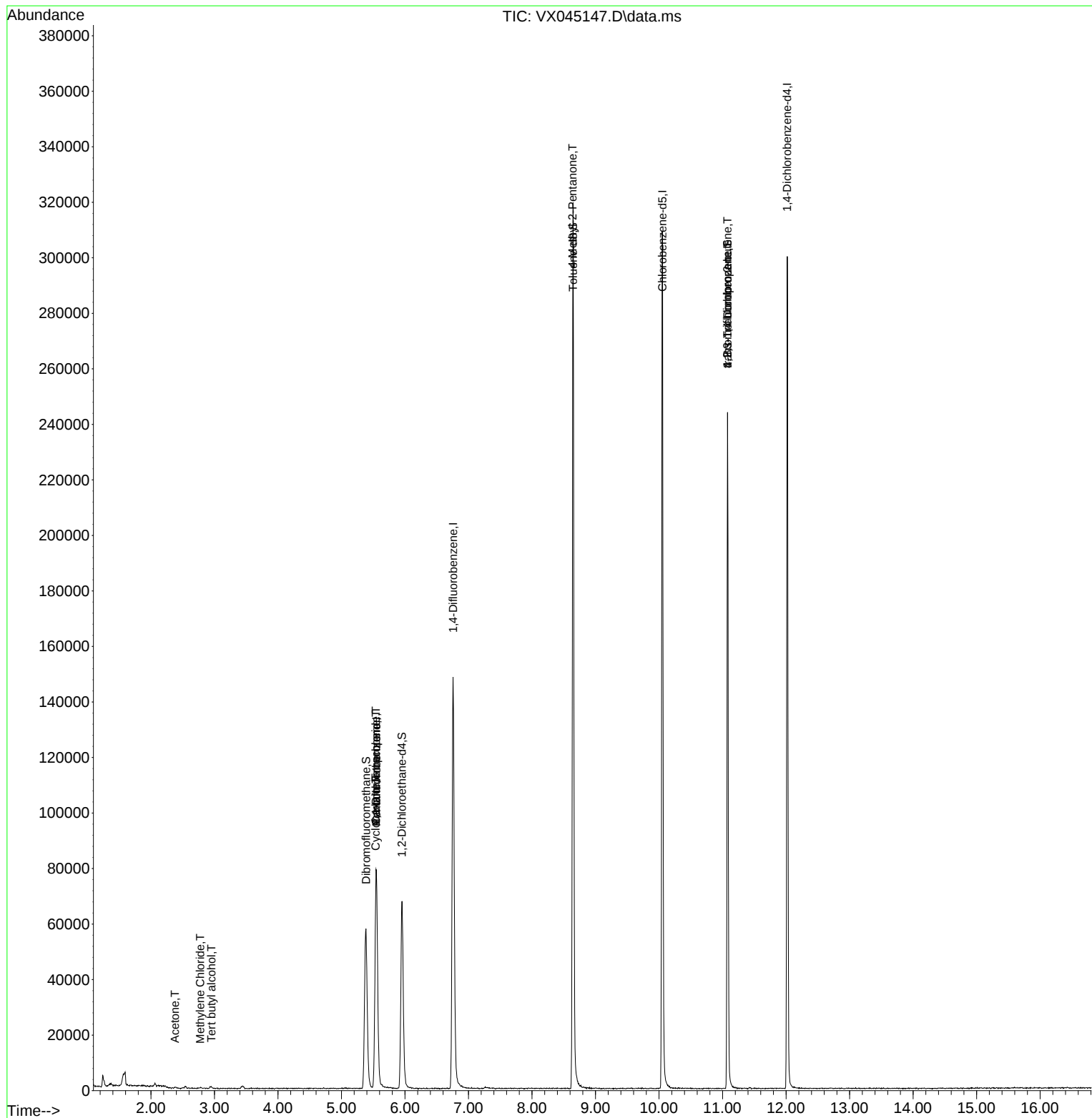
Internal Standards						
1) Pentafluorobenzene	5.550	168	75698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	149796	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63165	52.459	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.920%	
35) Dibromofluoromethane	5.385	113	50535	50.452	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.900%	
50) Toluene-d8	8.647	98	188258	51.843	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.680%	
62) 4-Bromofluorobenzene	11.079	95	64827	53.874	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.740%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	192	0.842	ug/l #	73
16) Acetone	2.380	43	444	0.795	ug/l #	82
20) Methylene Chloride	2.776	84	273	0.247	ug/l #	52
31) Cyclohexane	5.538	56	1789	1.092	ug/l #	13
36) 1,1-Dichloropropene	5.544	75	6451	4.696	ug/l #	49
38) Carbon Tetrachloride	5.544	117	8134	5.833	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	987	0.562	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34869	25.174	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	34869	86.148	ug/l #	6

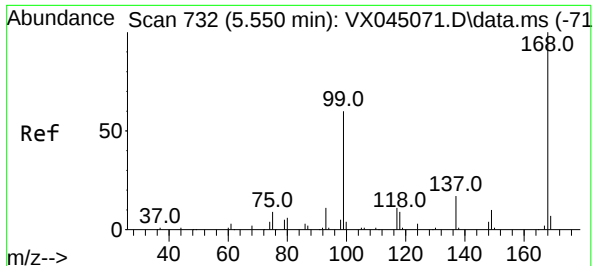
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

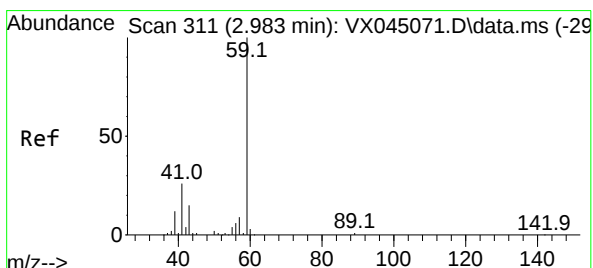
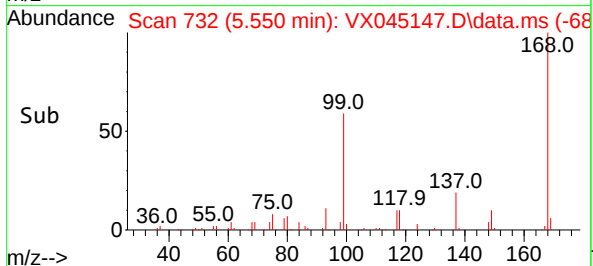
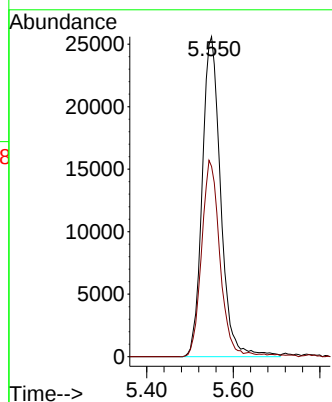
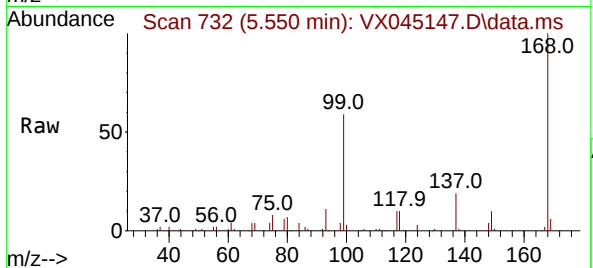




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045147.D
Acq: 05 Mar 2025 17:05

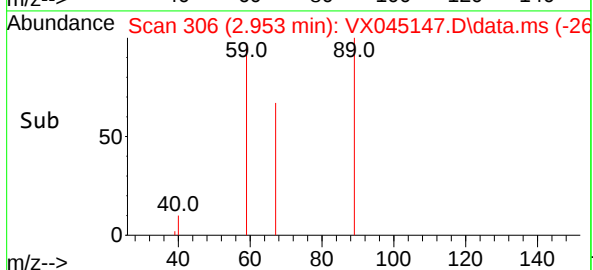
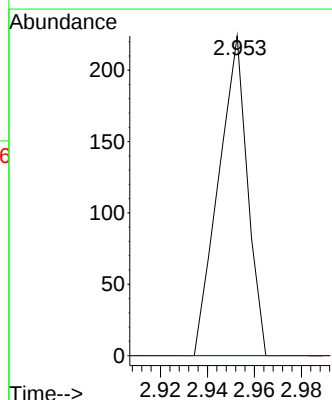
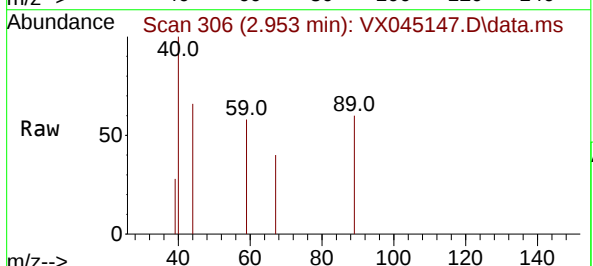
Instrument :
MSVOA_X
ClientSampleId :
TB01-030525

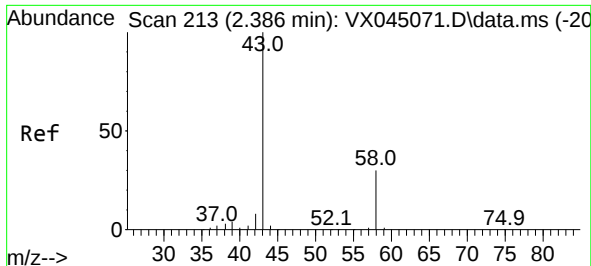
Tgt Ion:168 Resp: 75698
Ion Ratio Lower Upper
168 100
99 59.4 48.2 72.4



#11
Tert butyl alcohol
Concen: 0.842 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.031 min
Lab File: VX045147.D
Acq: 05 Mar 2025 17:05

Tgt Ion: 59 Resp: 192
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

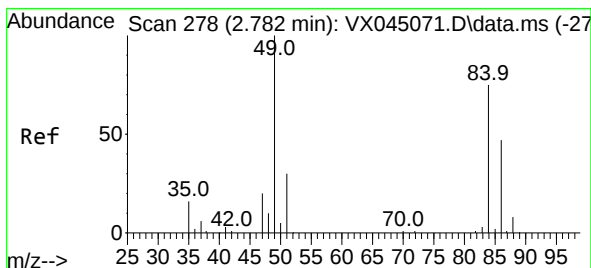
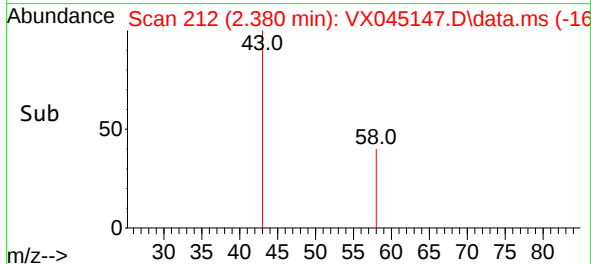
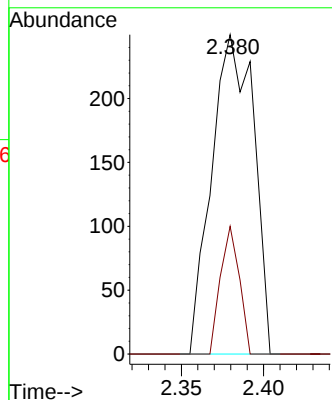
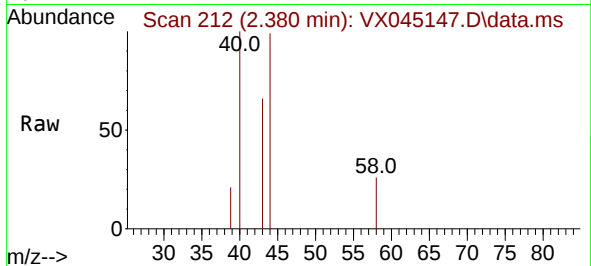




#16
Acetone
Concen: 0.795 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045147.D
Acq: 05 Mar 2025 17:05

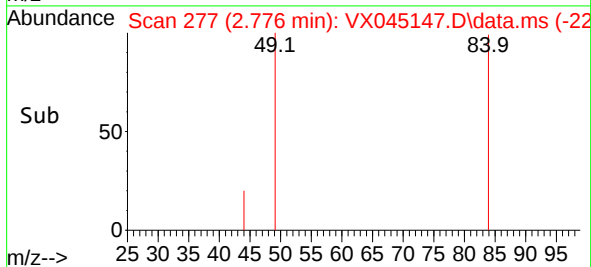
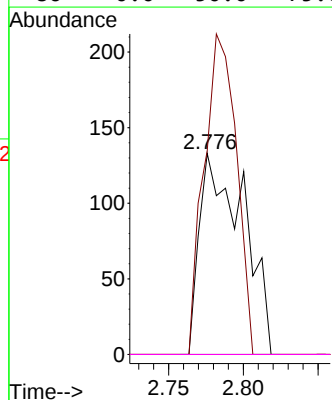
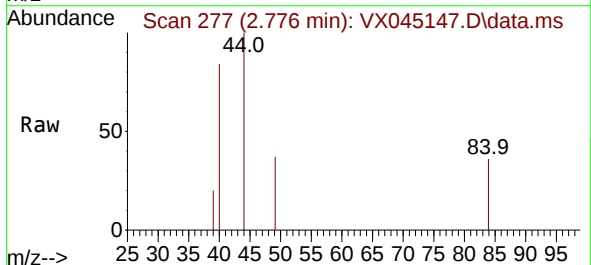
Instrument :
MSVOA_X
ClientSampleId :
TB01-030525

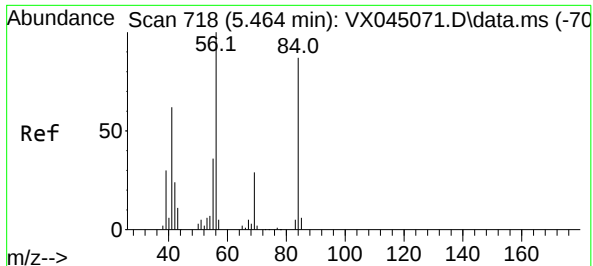
Tgt Ion: 43 Resp: 444
Ion Ratio Lower Upper
43 100
58 40.0 24.2 36.4#



#20
Methylene Chloride
Concen: 0.247 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.006 min
Lab File: VX045147.D
Acq: 05 Mar 2025 17:05

Tgt Ion: 84 Resp: 273
Ion Ratio Lower Upper
84 100
49 101.5 106.5 159.7#
51 0.0 32.1 48.1#
86 0.0 50.0 75.0#

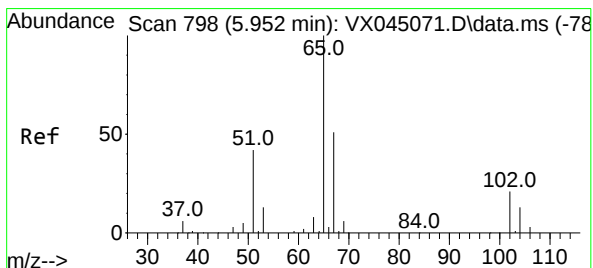
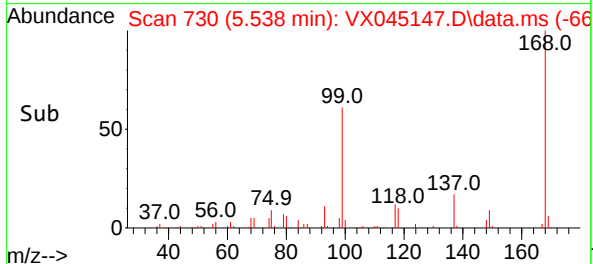
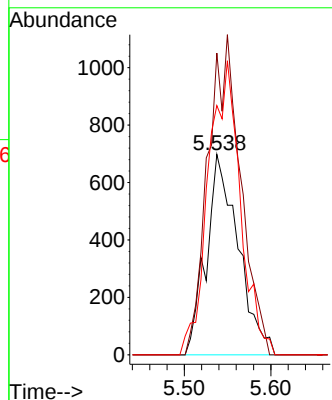
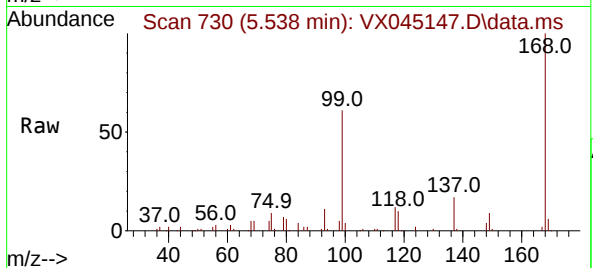




#31
Cyclohexane
Concen: 1.092 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX045147.D
Acq: 05 Mar 2025 17:05

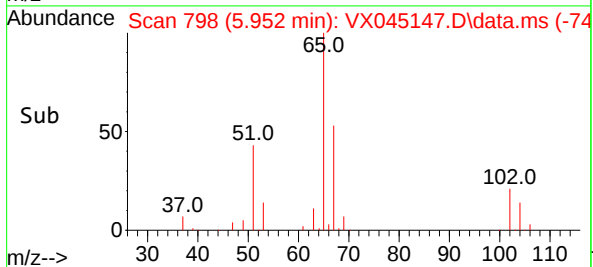
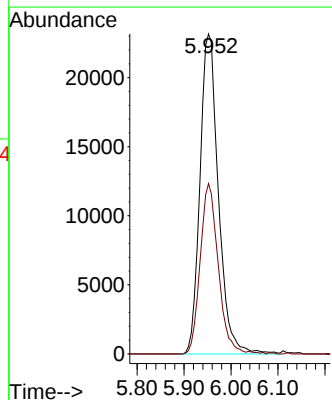
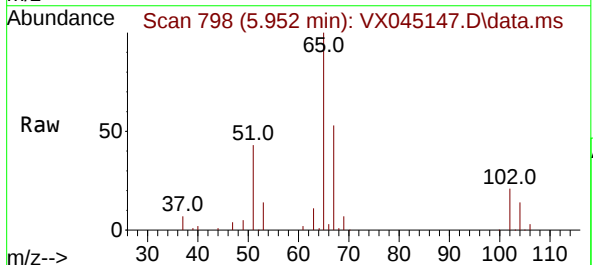
Instrument :
MSVOA_X
ClientSampleId :
TB01-030525

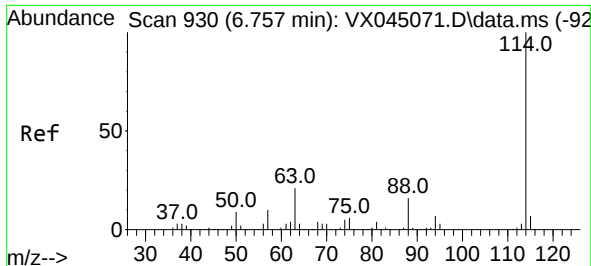
Tgt Ion: 56 Resp: 1789
Ion Ratio Lower Upper
56 100
69 150.6 23.4 35.2#
84 124.4 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 52.459 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045147.D
Acq: 05 Mar 2025 17:05

Tgt Ion: 65 Resp: 63165
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.2

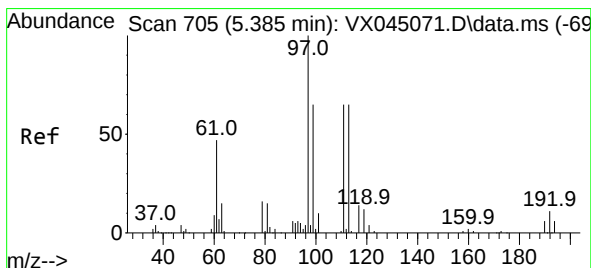
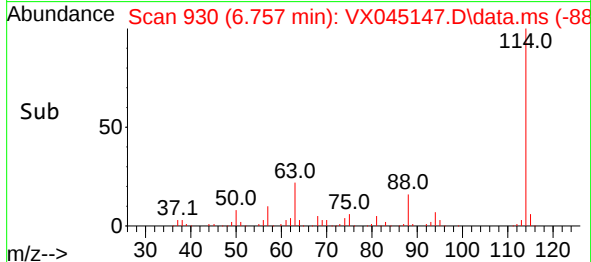
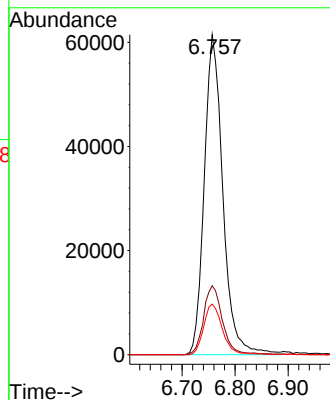
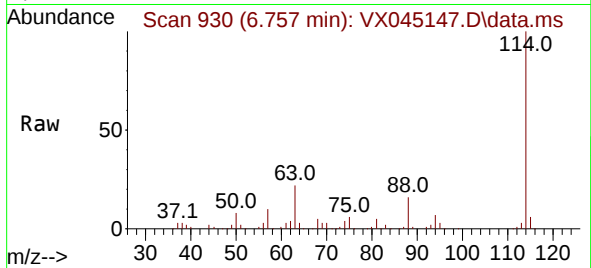




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045147.D
Acq: 05 Mar 2025 17:05

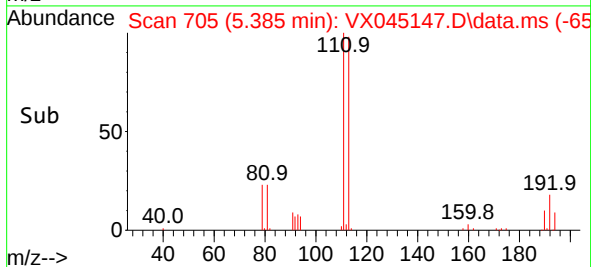
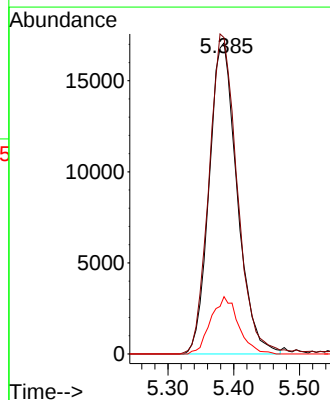
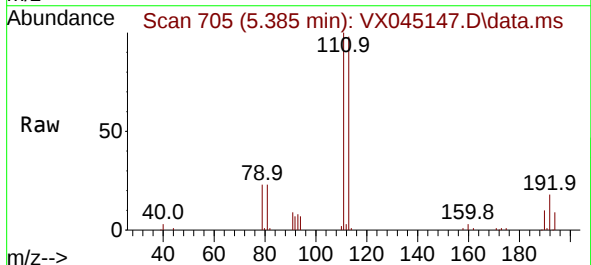
Instrument :
MSVOA_X
ClientSampleId :
TB01-030525

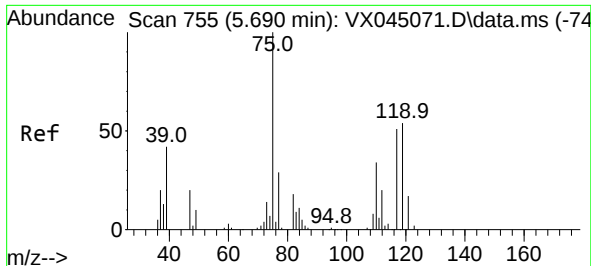
Tgt Ion:114 Resp: 149796
Ion Ratio Lower Upper
114 100
63 21.5 0.0 41.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.452 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045147.D
Acq: 05 Mar 2025 17:05

Tgt Ion:113 Resp: 50535
Ion Ratio Lower Upper
113 100
111 104.4 81.8 122.6
192 18.2 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.696 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX045147.D

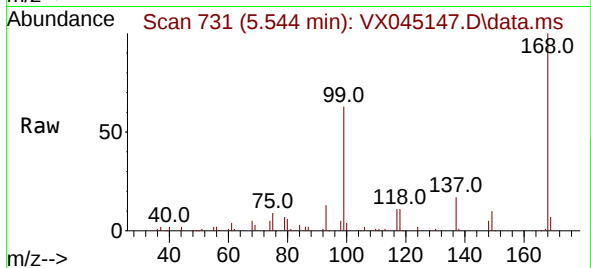
Acq: 05 Mar 2025 17:05

Instrument :

MSVOA_X

ClientSampleId :

TB01-030525



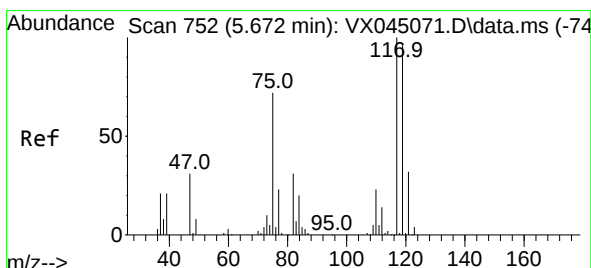
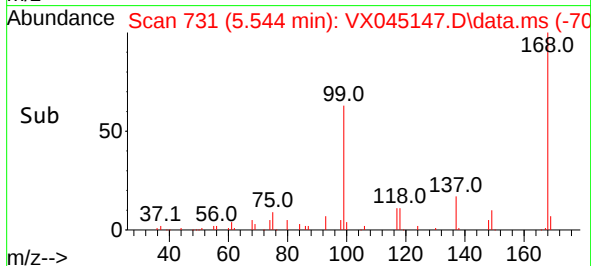
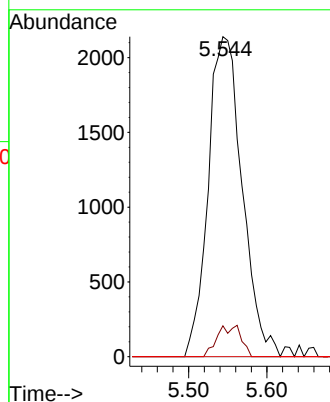
Tgt Ion: 75 Resp: 6451

Ion Ratio Lower Upper

75 100

110 6.8 16.9 50.6#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 5.833 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX045147.D

Acq: 05 Mar 2025 17:05

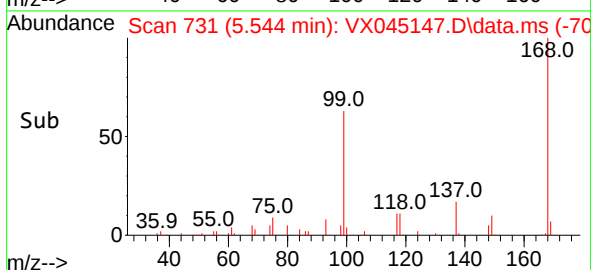
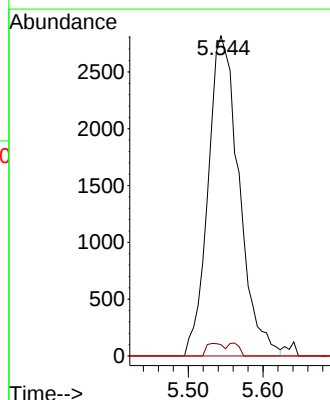
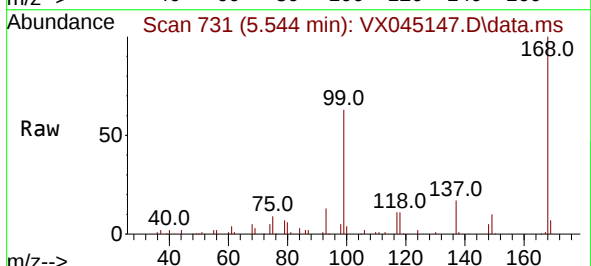
Tgt Ion: 117 Resp: 8134

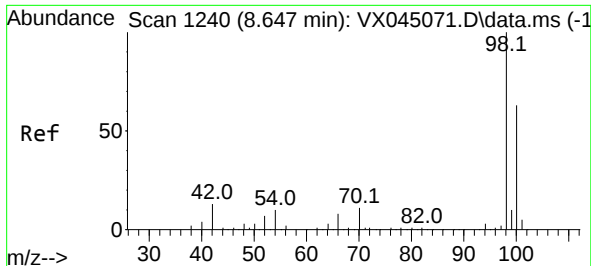
Ion Ratio Lower Upper

117 100

119 3.6 76.7 115.1#

121 0.0 25.5 38.3#

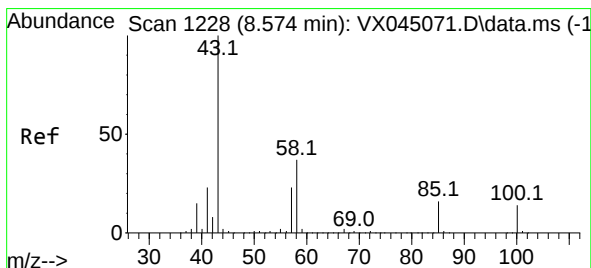
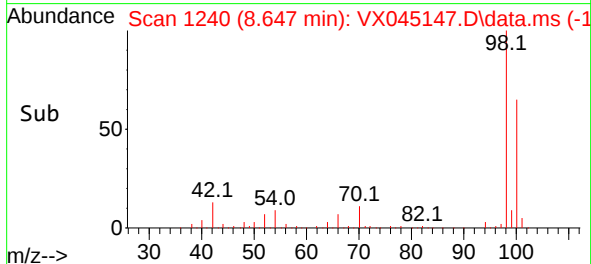
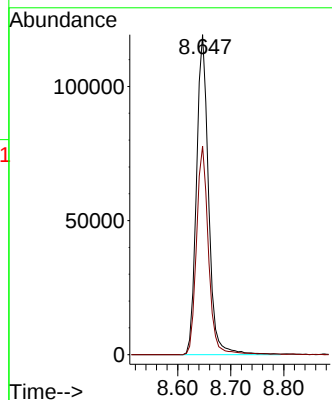
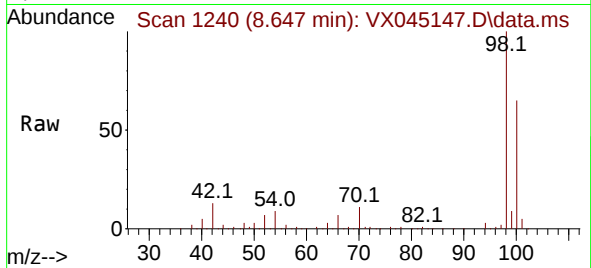




#50
Toluene-d8
Concen: 51.843 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045147.D
Acq: 05 Mar 2025 17:05

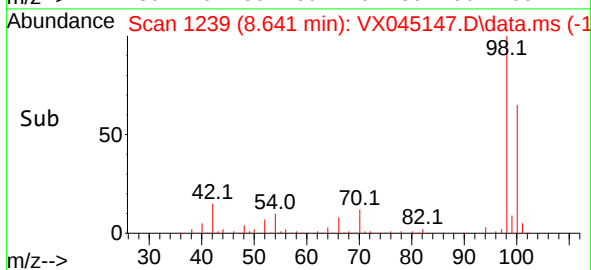
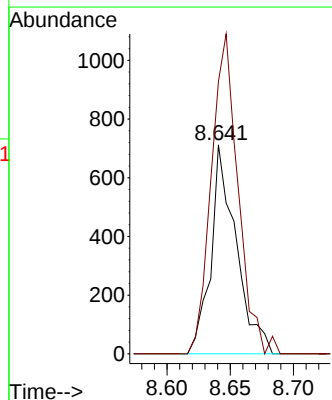
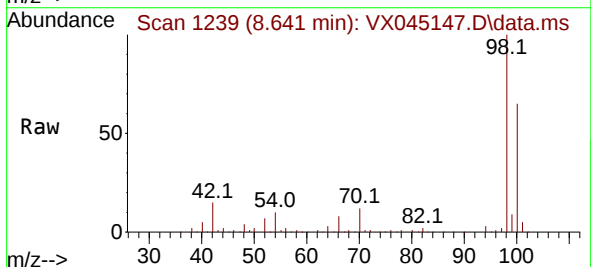
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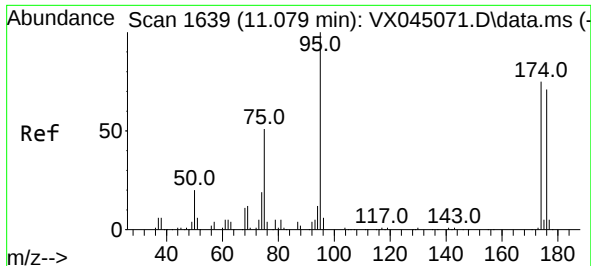
Tgt Ion: 98 Resp: 188258
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.562 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045147.D
Acq: 05 Mar 2025 17:05

Tgt Ion: 43 Resp: 987
Ion Ratio Lower Upper
43 100
58 162.8 29.2 43.8#

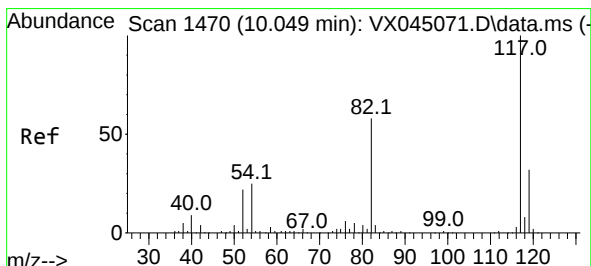
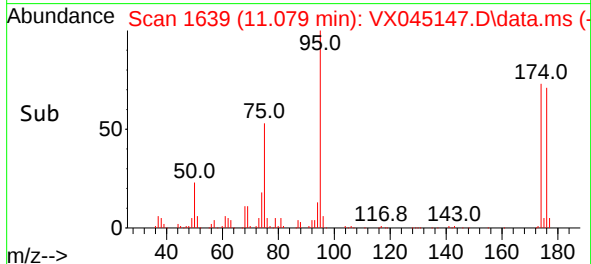
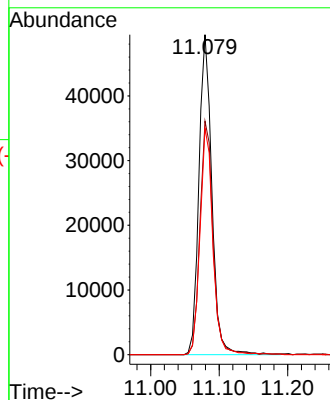
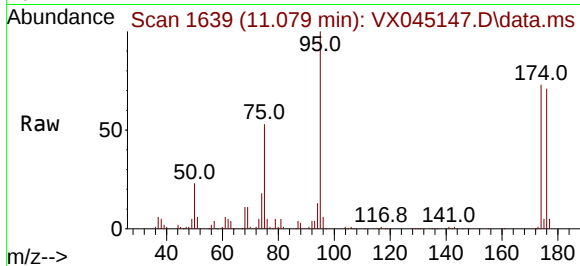




#62
4-Bromofluorobenzene
Concen: 53.874 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045147.D
Acq: 05 Mar 2025 17:05

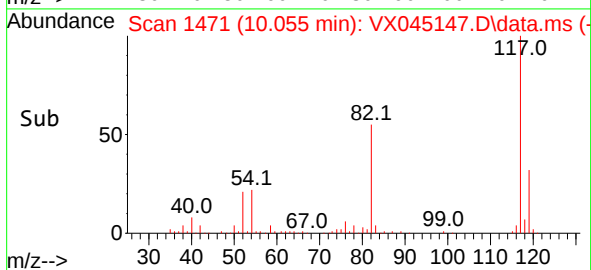
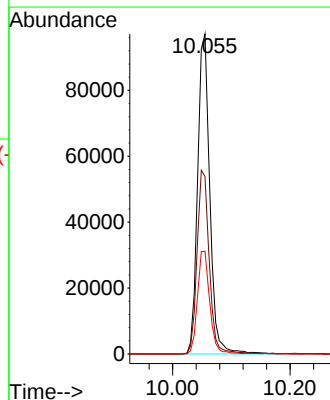
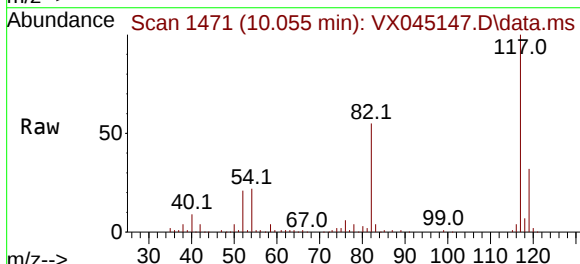
Instrument :
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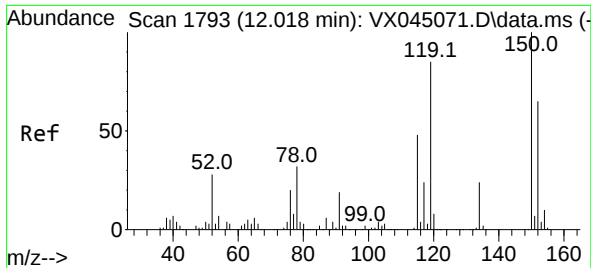
Tgt Ion: 95 Resp: 64827
Ion Ratio Lower Upper
95 100
174 73.8 0.0 148.2
176 70.7 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045147.D
Acq: 05 Mar 2025 17:05

Tgt Ion: 117 Resp: 139795
Ion Ratio Lower Upper
117 100
82 55.5 46.3 69.5
119 32.1 25.7 38.5

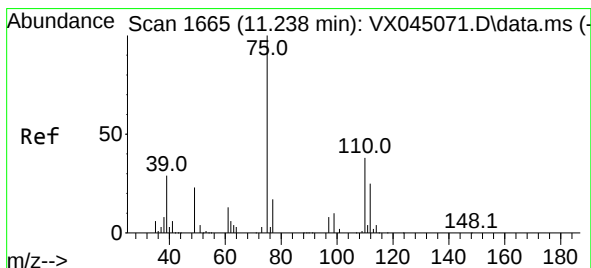
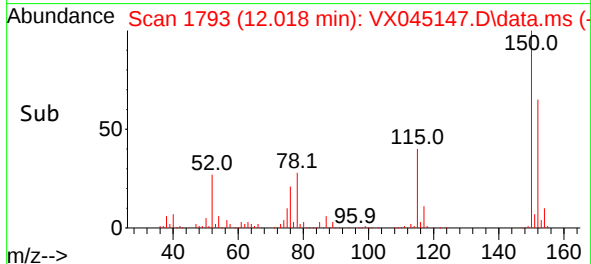
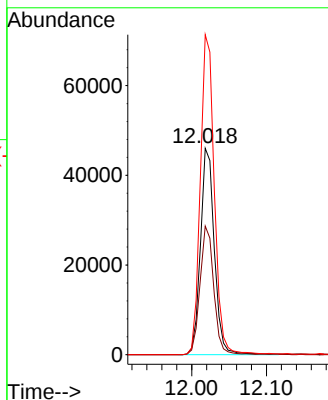
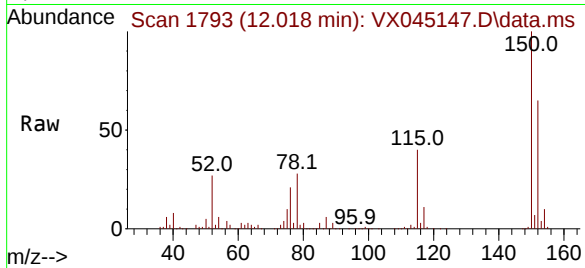




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045147.D
Acq: 05 Mar 2025 17:05

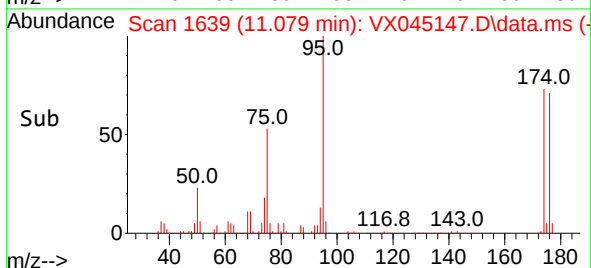
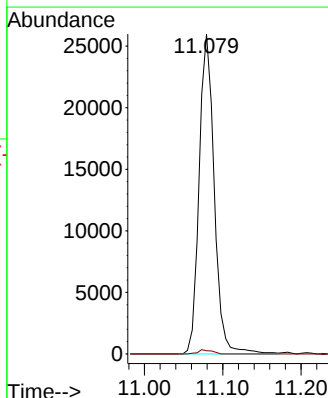
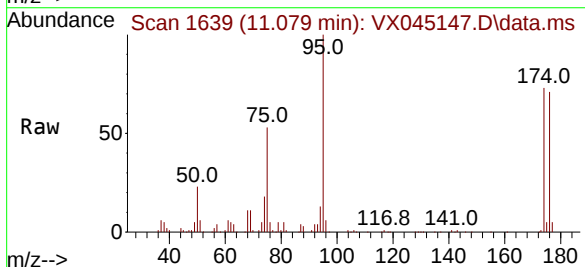
Instrument :
MSVOA_X
ClientSampleId :
TB01-030525

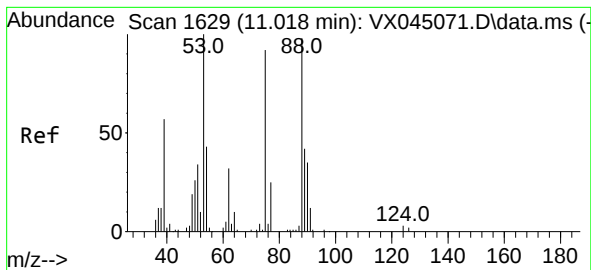
Tgt Ion:152 Resp: 59512
Ion Ratio Lower Upper
152 100
115 61.8 44.2 132.6
150 156.2 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.174 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045147.D
Acq: 05 Mar 2025 17:05

Tgt Ion: 75 Resp: 34869
Ion Ratio Lower Upper
75 100
77 1.2 20.7 62.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 86.148 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045147.D
Acq: 05 Mar 2025 17:05

Instrument :
MSVOA_X
ClientSampleId :
TB01-030525

Tgt Ion: 75 Resp: 34869
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

