

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051425\
 Data File : VX046187.D
 Acq On : 14 May 2025 12:23
 Operator : JC/MD
 Sample : Q2032-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: May 15 01:20:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

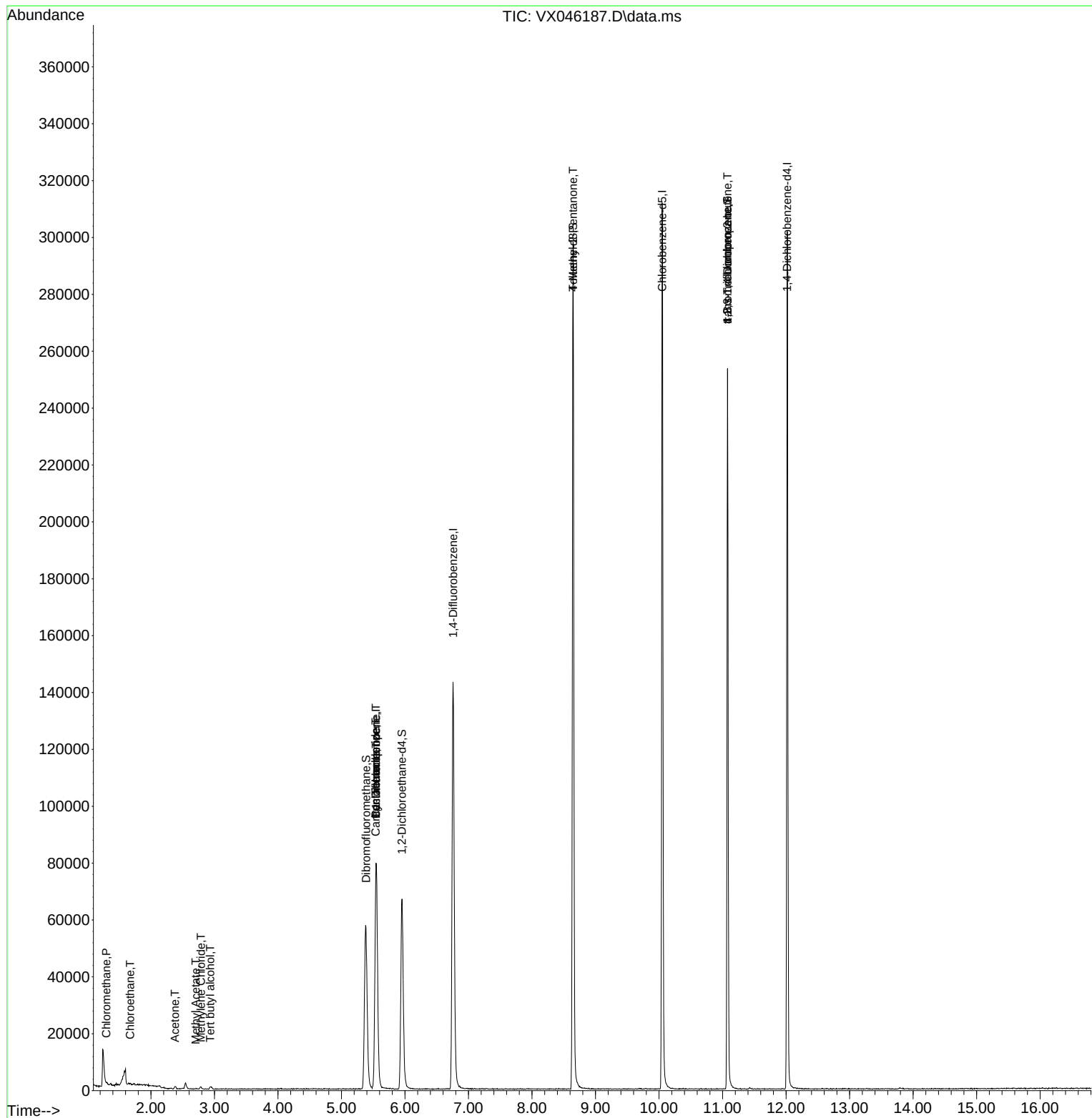
Internal Standards						
1) Pentafluorobenzene	5.544	168	68629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	137257	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	130290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70059	54.756	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.520%	
35) Dibromofluoromethane	5.385	113	50628	51.222	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.440%	
50) Toluene-d8	8.647	98	171447	50.116	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.240%	
62) 4-Bromofluorobenzene	11.079	95	67254	51.252	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.500%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	509	0.500	ug/l #	43
6) Chloroethane	1.672	64	162	0.320	ug/l #	44
11) Tert butyl alcohol	2.934	59	468	2.606	ug/l #	72
16) Acetone	2.380	43	1119	2.181	ug/l	93
18) Methyl Acetate	2.703	43	247	0.207	ug/l	94
20) Methylene Chloride	2.788	84	365	0.371	ug/l #	89
31) Cyclohexane	5.544	56	1895	1.243	ug/l #	19
36) 1,1-Dichloropropene	5.544	75	6798	5.119	ug/l #	51
38) Carbon Tetrachloride	5.537	117	7902	5.296	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	910	0.548	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38199	29.231	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	38199	95.166	ug/l #	1

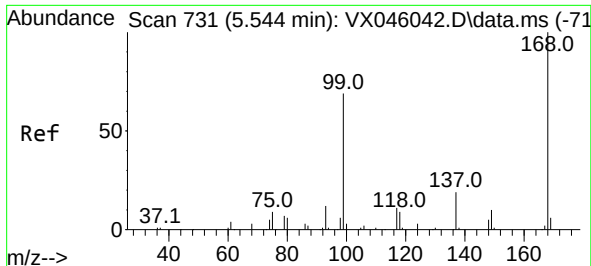
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051425\
Data File : VX046187.D
Acq On : 14 May 2025 12:23
Operator : JC/MD
Sample : Q2032-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB

Quant Time: May 15 01:20:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

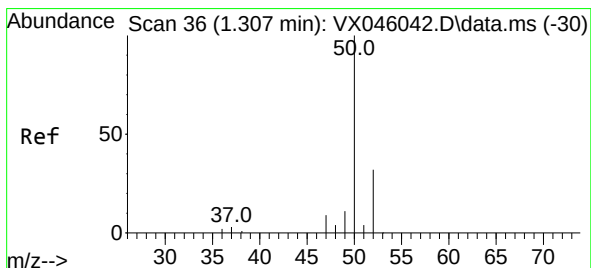
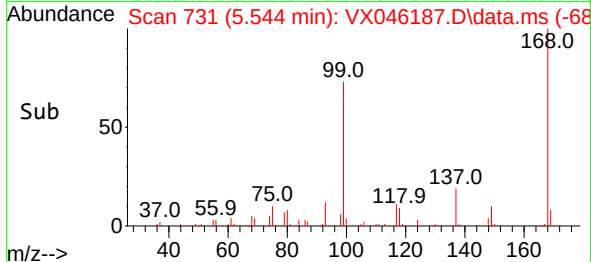
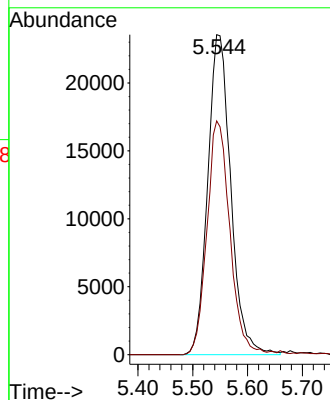
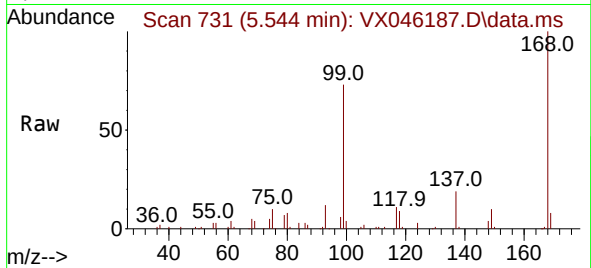




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046187.D
Acq: 14 May 2025 12:23

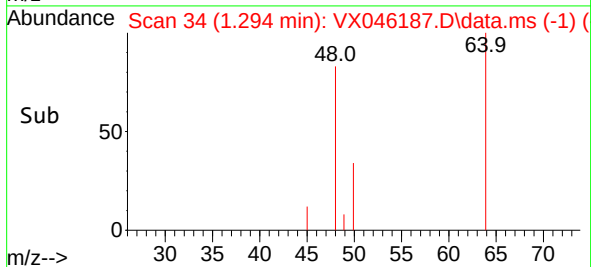
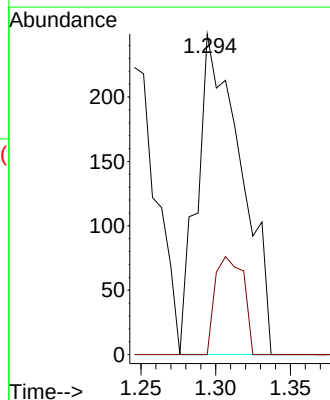
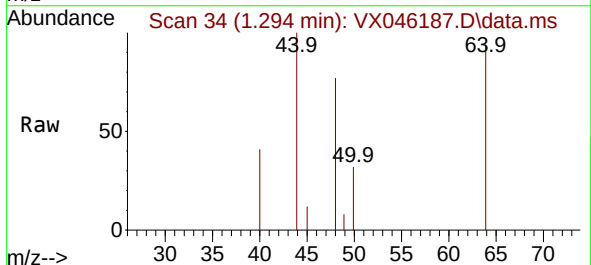
Instrument :
MSVOA_X
ClientSampleId :
TB

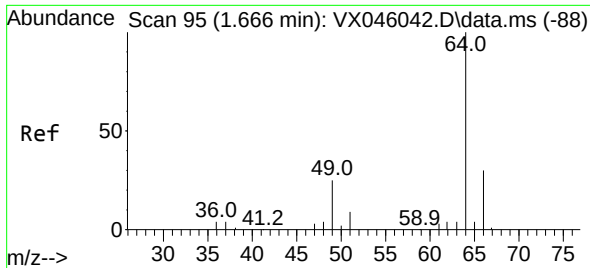
Tgt Ion:168 Resp: 68629
Ion Ratio Lower Upper
168 100
99 73.0 54.9 82.3



#3
Chloromethane
Concen: 0.500 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.012 min
Lab File: VX046187.D
Acq: 14 May 2025 12:23

Tgt Ion: 50 Resp: 509
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

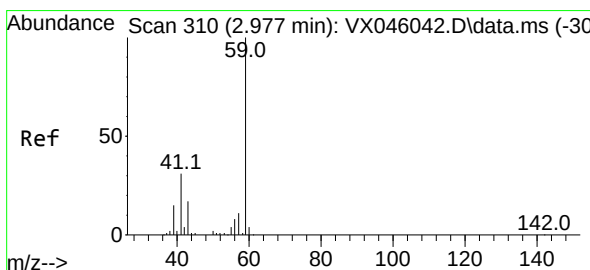
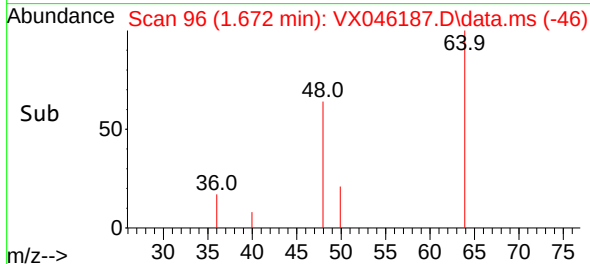
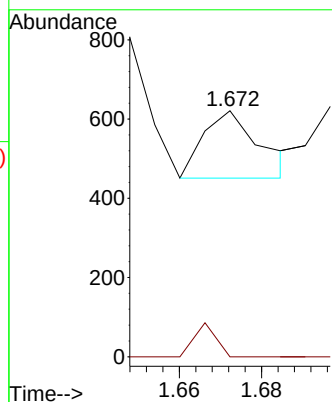
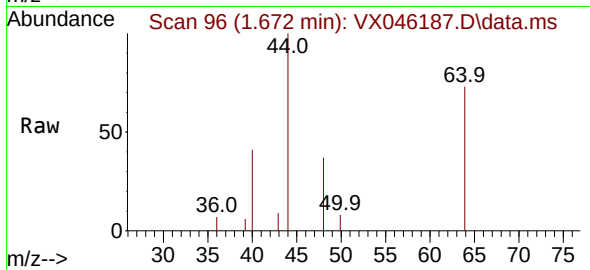




#6
Chloroethane
Concen: 0.320 ug/l
RT: 1.672 min Scan# 90
Delta R.T. 0.006 min
Lab File: VX046187.D
Acq: 14 May 2025 12:23

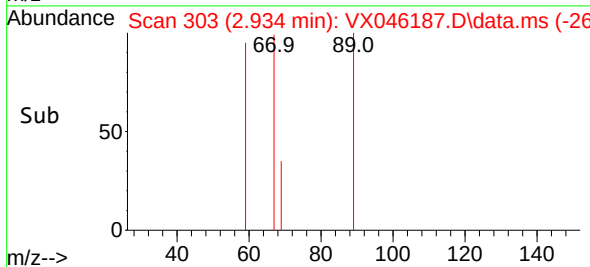
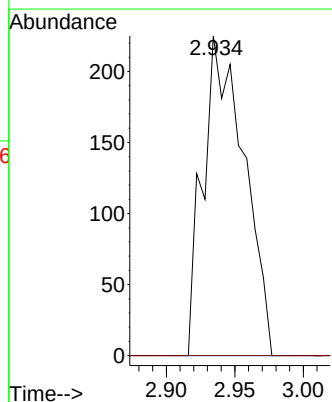
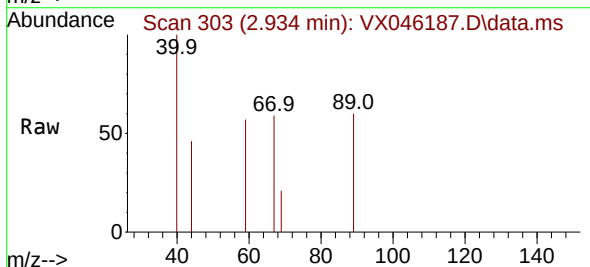
Instrument :
MSVOA_X
ClientSampleId :
TB

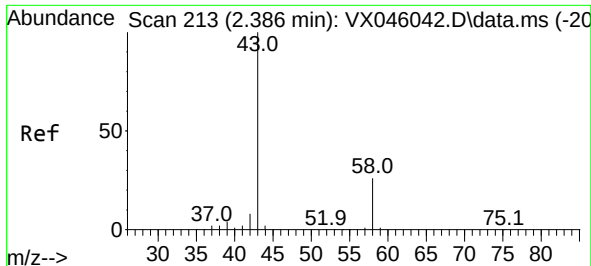
Tgt Ion: 64 Resp: 162
Ion Ratio Lower Upper
64 100
66 0.0 24.3 36.5#



#11
Tert butyl alcohol
Concen: 2.606 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.043 min
Lab File: VX046187.D
Acq: 14 May 2025 12:23

Tgt Ion: 59 Resp: 468
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

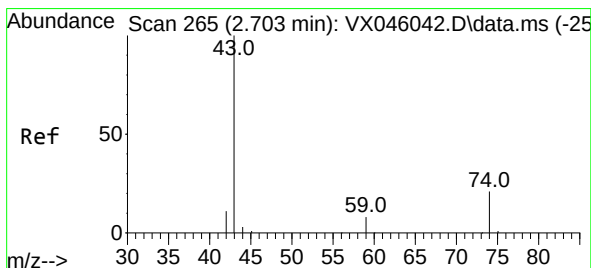
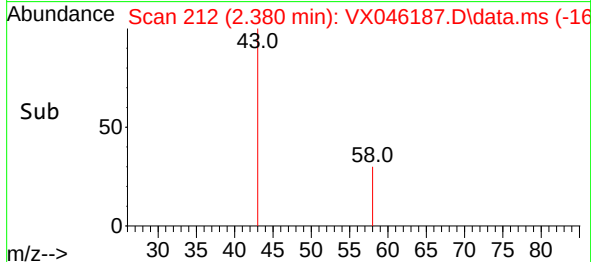
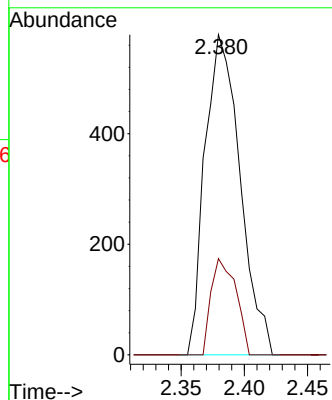
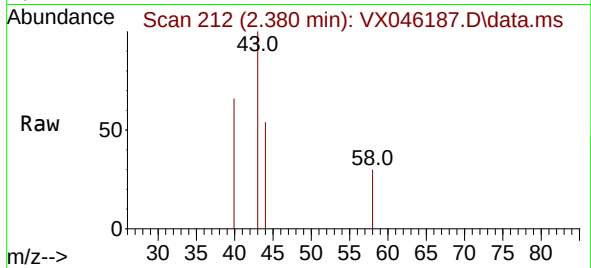




#16
 Acetone
 Concen: 2.181 ug/l
 RT: 2.380 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VX046187.D
 Acq: 14 May 2025 12:23

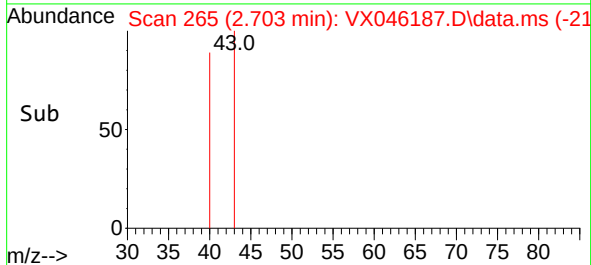
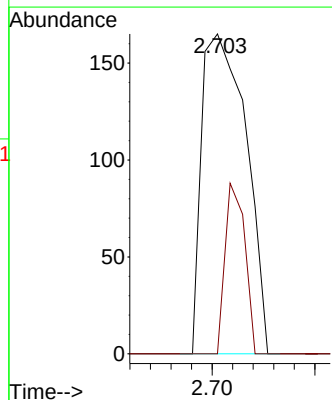
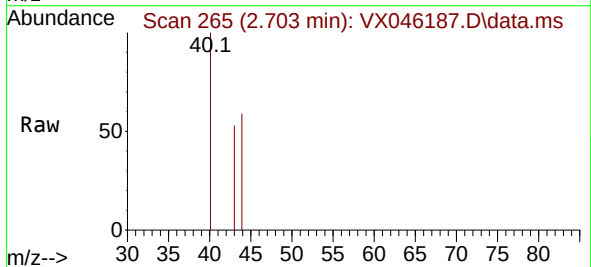
Instrument :
 MSVOA_X
 ClientSampleId :
 TB

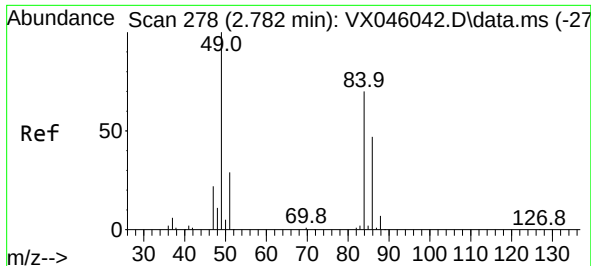
Tgt Ion: 43 Resp: 1119
 Ion Ratio Lower Upper
 43 100
 58 30.1 21.2 31.8



#18
 Methyl Acetate
 Concen: 0.207 ug/l
 RT: 2.703 min Scan# 265
 Delta R.T. -0.000 min
 Lab File: VX046187.D
 Acq: 14 May 2025 12:23

Tgt Ion: 43 Resp: 247
 Ion Ratio Lower Upper
 43 100
 74 23.9 16.7 25.1

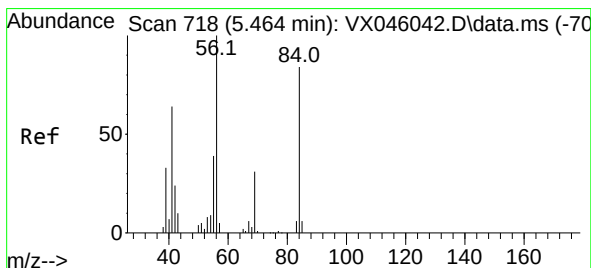
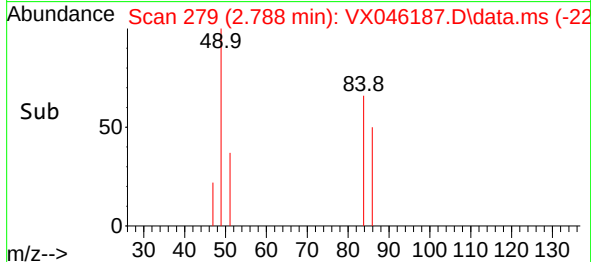
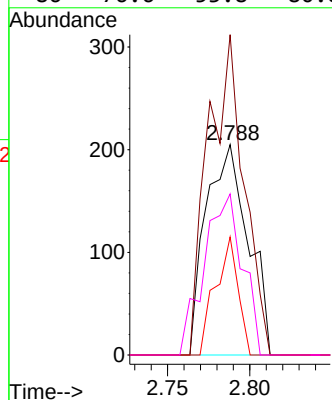
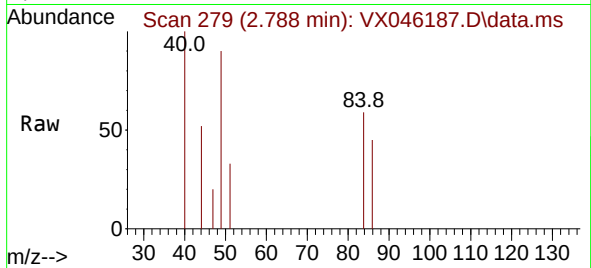




#20
Methylene Chloride
Concen: 0.371 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046187.D
Acq: 14 May 2025 12:23

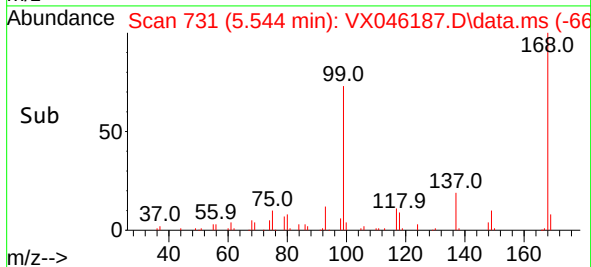
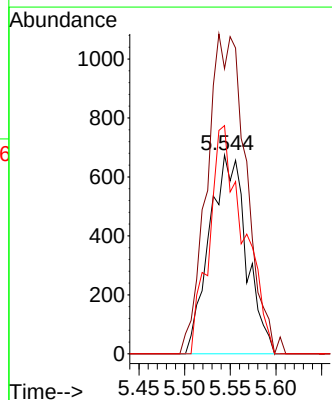
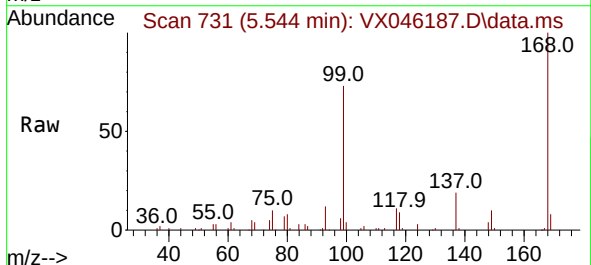
Instrument :
MSVOA_X
ClientSampleId :
TB

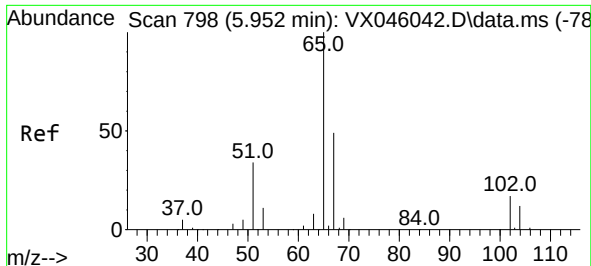
Tgt Ion:	84	Resp:	365
Ion	Ratio	Lower	Upper
84	100		
49	152.2	113.9	170.9
51	56.1	33.5	50.3#
86	76.6	53.8	80.8



#31
Cyclohexane
Concen: 1.243 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX046187.D
Acq: 14 May 2025 12:23

Tgt Ion:	56	Resp:	1895
Ion	Ratio	Lower	Upper
56	100		
69	143.5	24.4	36.6#
84	114.8	66.9	100.3#





#33

1,2-Dichloroethane-d4

Concen: 54.756 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046187.D

Acq: 14 May 2025 12:23

Instrument :

MSVOA_X

ClientSampleId :

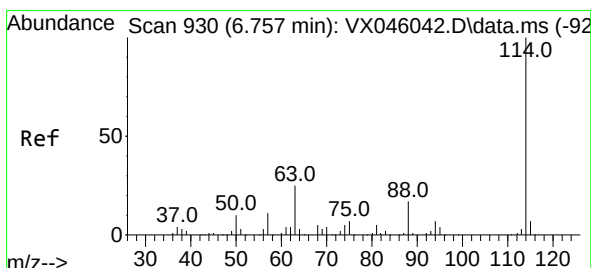
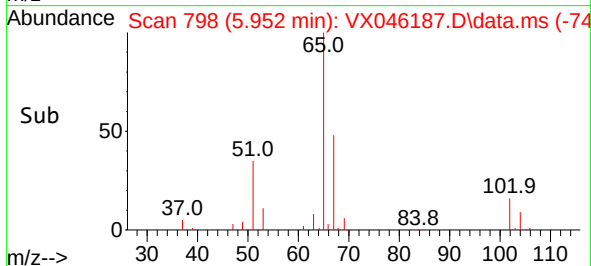
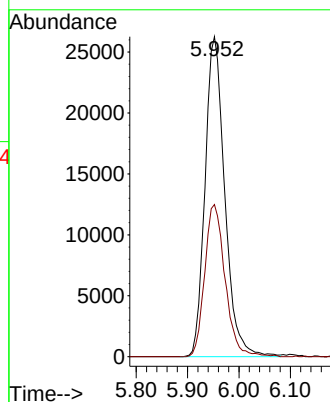
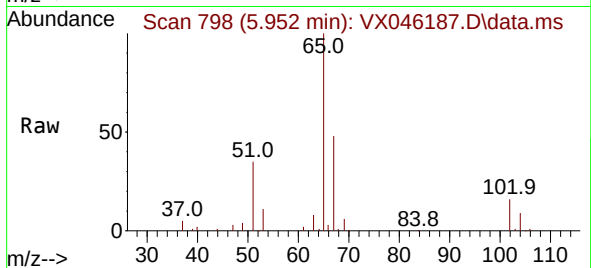
TB

Tgt Ion: 65 Resp: 70059

Ion Ratio Lower Upper

65 100

67 49.1 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046187.D

Acq: 14 May 2025 12:23

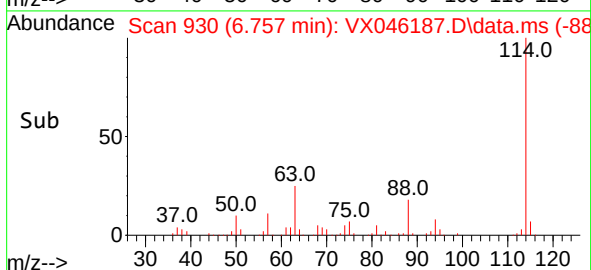
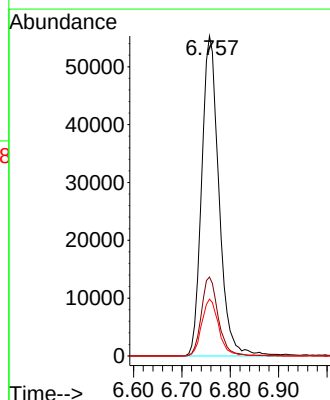
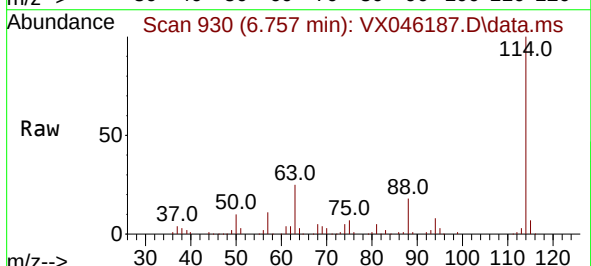
Tgt Ion: 114 Resp: 137257

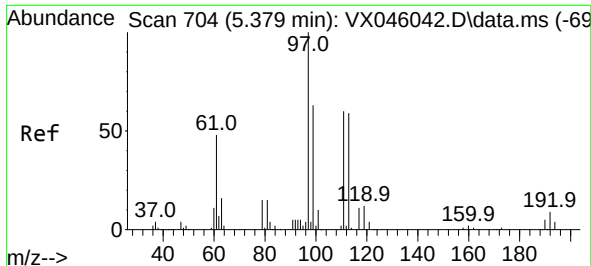
Ion Ratio Lower Upper

114 100

63 24.7 0.0 49.2

88 17.7 0.0 33.6

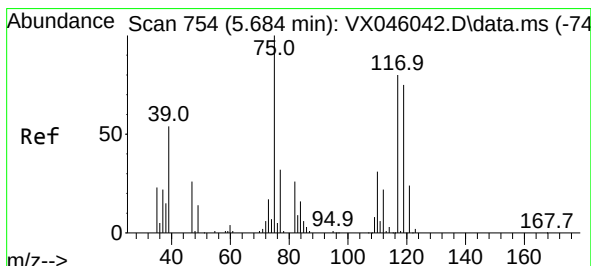
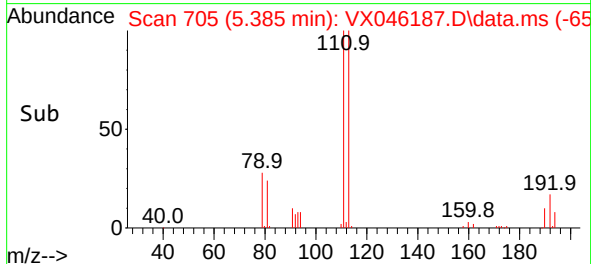
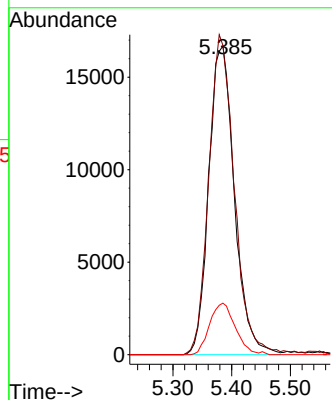
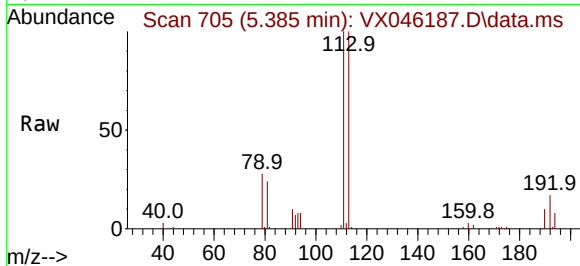




#35
Dibromofluoromethane
Concen: 51.222 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046187.D
Acq: 14 May 2025 12:23

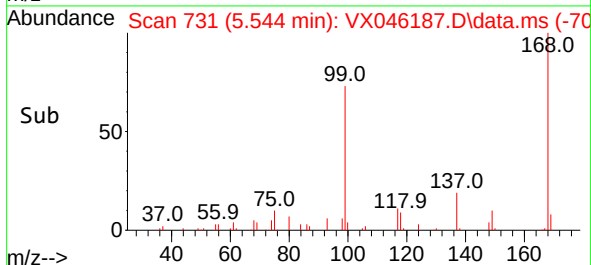
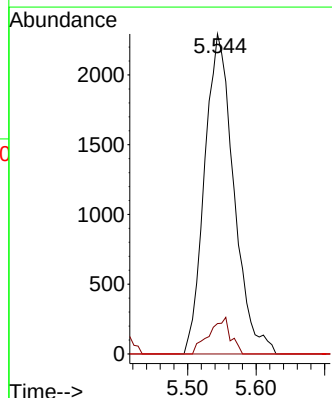
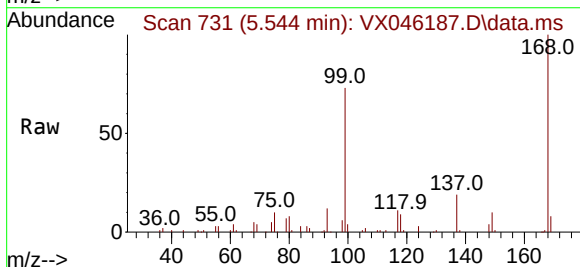
Instrument :
MSVOA_X
ClientSampleId :
TB

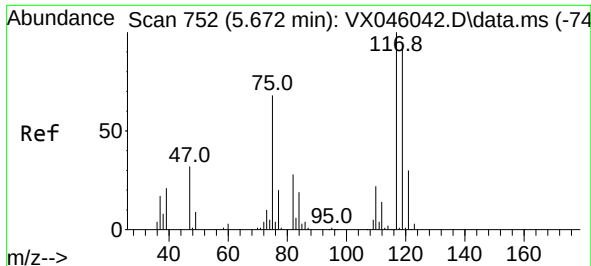
Tgt Ion:113 Resp: 50628
Ion Ratio Lower Upper
113 100
111 103.4 83.1 124.7
192 16.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.119 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX046187.D
Acq: 14 May 2025 12:23

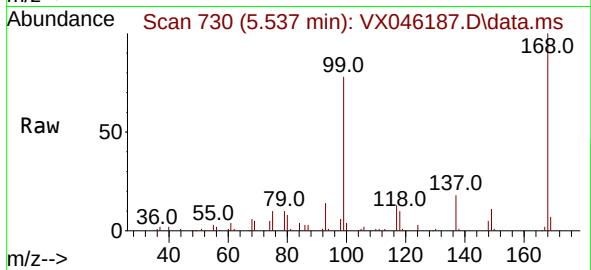
Tgt Ion: 75 Resp: 6798
Ion Ratio Lower Upper
75 100
110 8.4 16.3 48.9#
77 0.0 24.3 36.5#



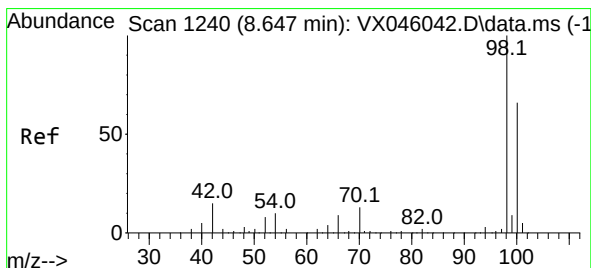
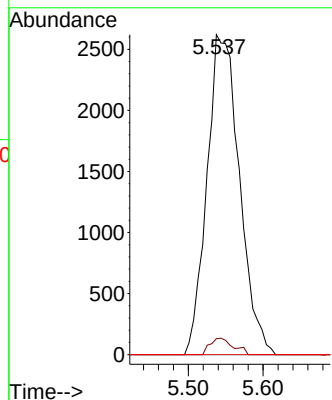
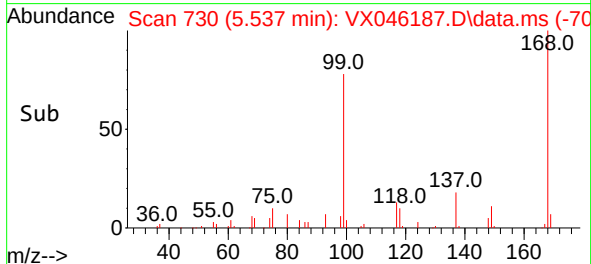


#38
Carbon Tetrachloride
Concen: 5.296 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX046187.D
Acq: 14 May 2025 12:23

Instrument :
MSVOA_X
ClientSampleId :
TB

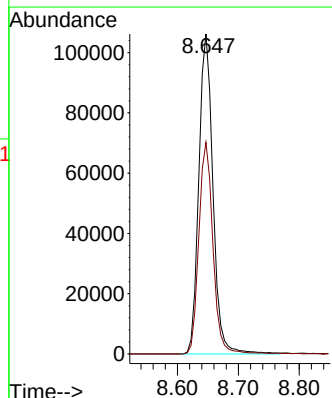
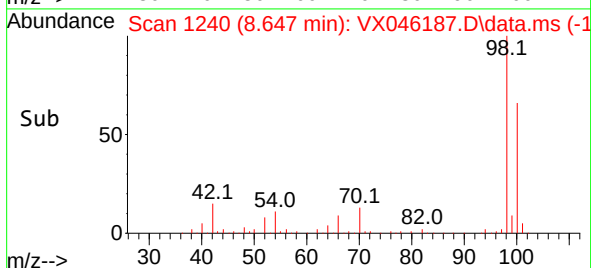
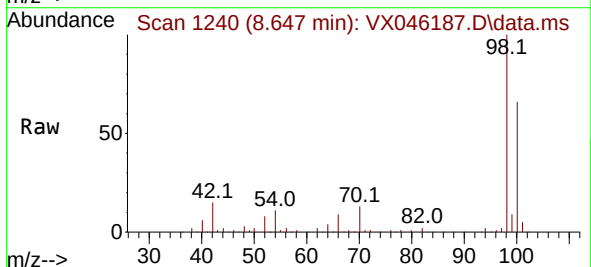


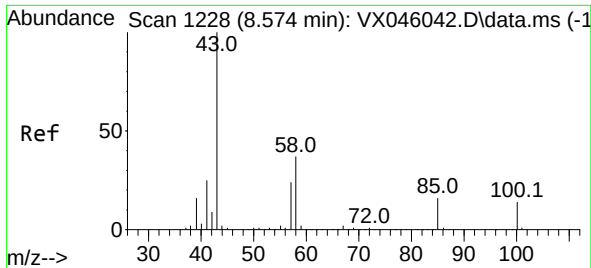
Tgt Ion:117 Resp: 7902
Ion Ratio Lower Upper
117 100
119 5.0 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 50.116 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046187.D
Acq: 14 May 2025 12:23

Tgt Ion: 98 Resp: 171447
Ion Ratio Lower Upper
98 100
100 65.9 53.5 80.3

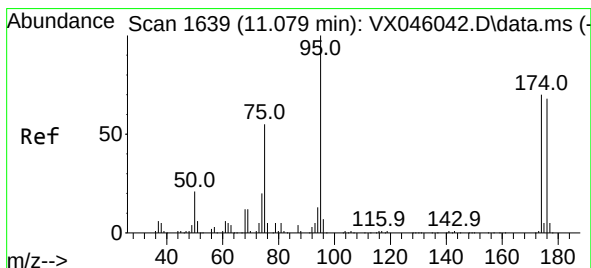
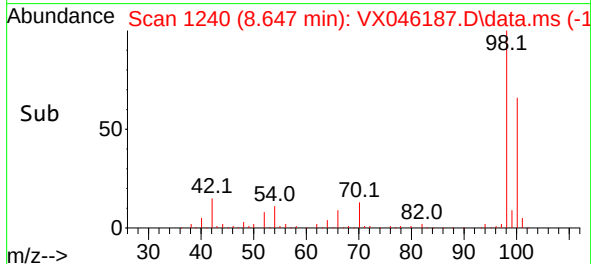
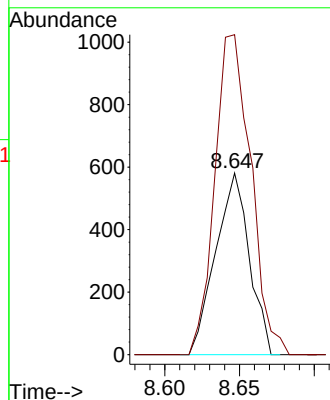
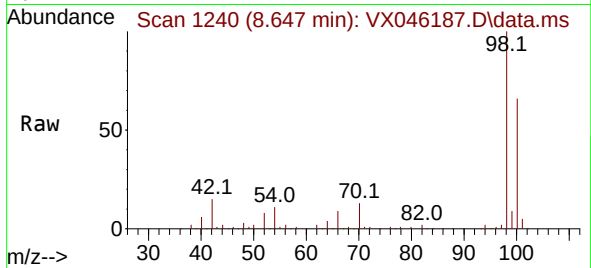




#51
4-Methyl-2-Pentanone
Concen: 0.548 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX046187.D
Acq: 14 May 2025 12:23

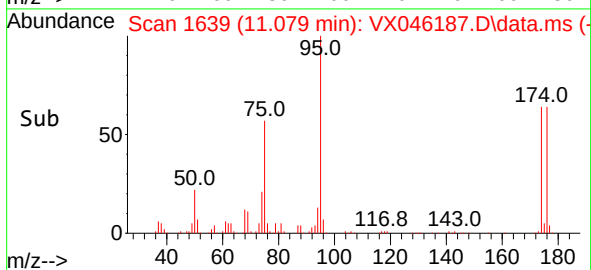
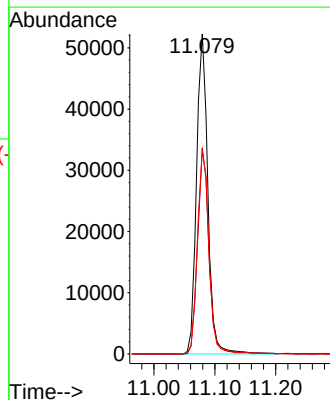
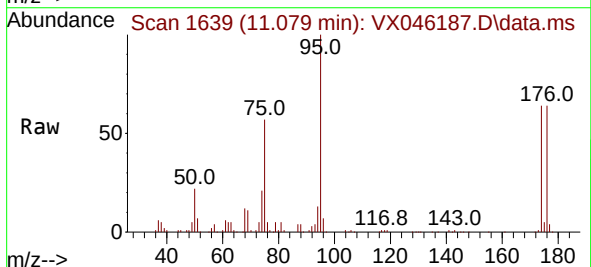
Instrument :
MSVOA_X
ClientSampleId :
TB

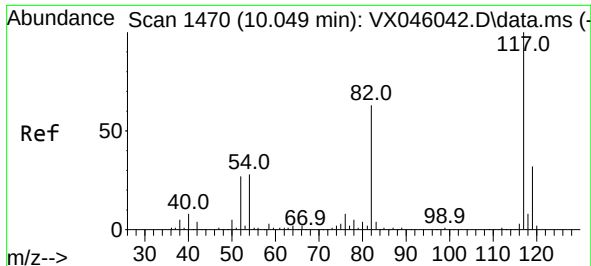
Tgt Ion: 43 Resp: 910
Ion Ratio Lower Upper
43 100
58 188.8 28.9 43.3#



#62
4-Bromofluorobenzene
Concen: 51.252 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046187.D
Acq: 14 May 2025 12:23

Tgt Ion: 95 Resp: 67254
Ion Ratio Lower Upper
95 100
174 64.2 0.0 135.8
176 64.8 0.0 131.4

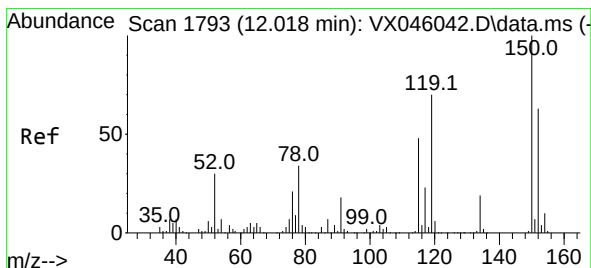
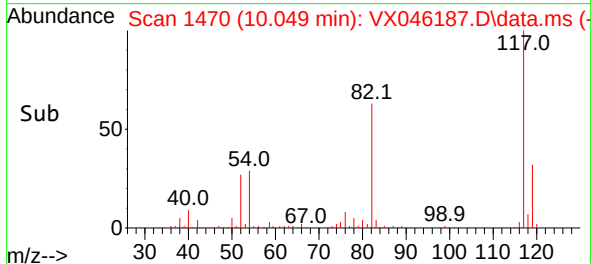
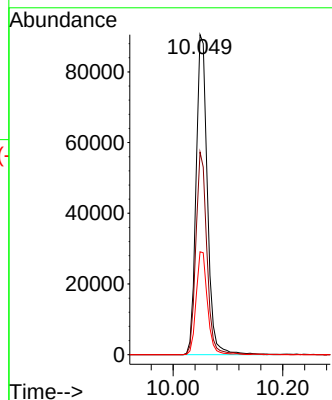
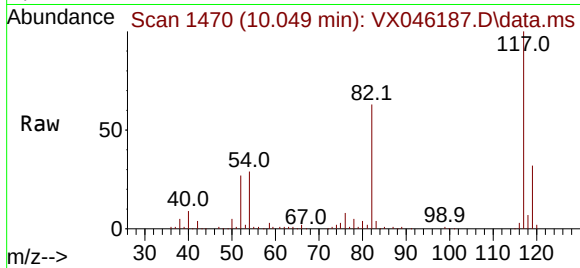




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046187.D
Acq: 14 May 2025 12:23

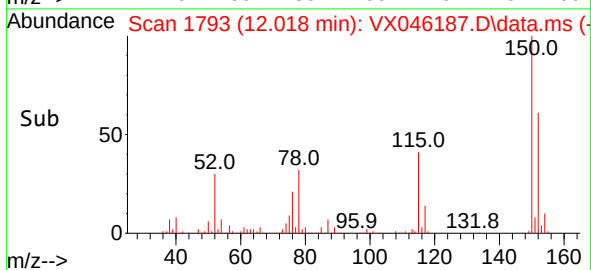
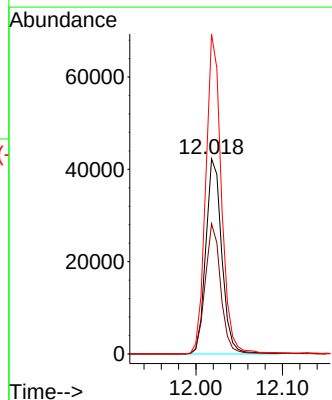
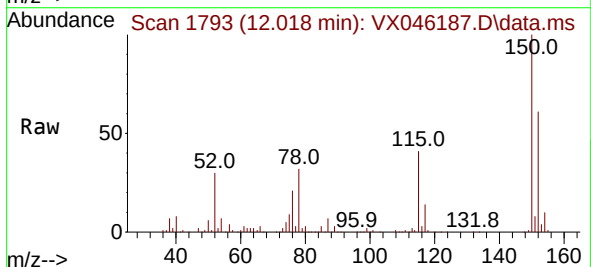
Instrument :
MSVOA_X
ClientSampleId :
TB

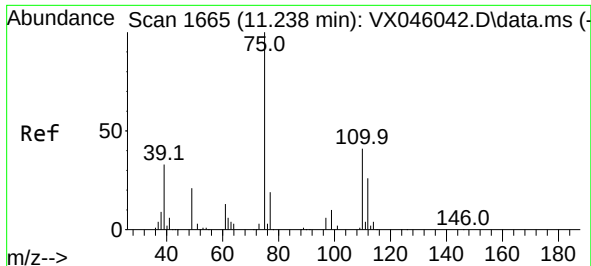
Tgt Ion:117 Resp: 130290
Ion Ratio Lower Upper
117 100
82 63.3 50.6 76.0
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046187.D
Acq: 14 May 2025 12:23

Tgt Ion:152 Resp: 54291
Ion Ratio Lower Upper
152 100
115 64.9 46.9 140.7
150 160.5 0.0 351.0

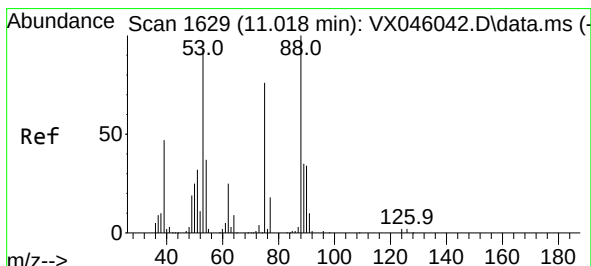
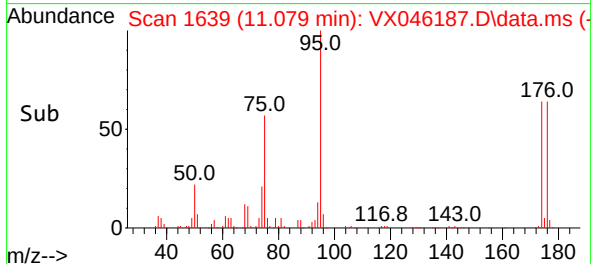
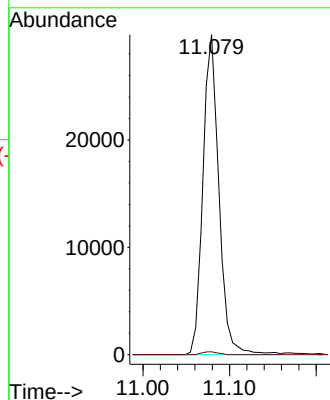
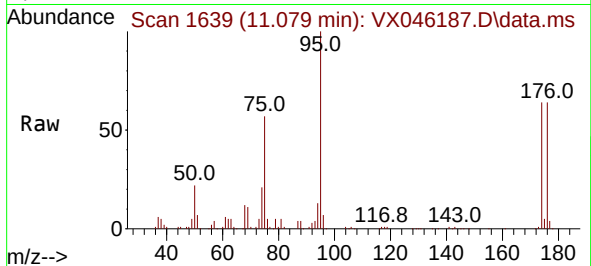




#76
1,2,3-Trichloropropane
Concen: 29.231 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046187.D
Acq: 14 May 2025 12:23

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion: 75 Resp: 38199
Ion Ratio Lower Upper
75 100
77 0.9 20.5 61.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.166 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046187.D
Acq: 14 May 2025 12:23

Tgt Ion: 75 Resp: 38199
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.1 37.0 55.6#

