

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
 Data File : VX046157.D
 Acq On : 13 May 2025 11:39
 Operator : JC/MD
 Sample : Q1993-09RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: May 14 01:35:49 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	66175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131830	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55709	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66970	54.283	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.560%
35) Dibromofluoromethane	5.379	113	49843	52.504	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.000%
50) Toluene-d8	8.647	98	168424	51.260	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.520%
62) 4-Bromofluorobenzene	11.079	95	65265	51.783	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.560%

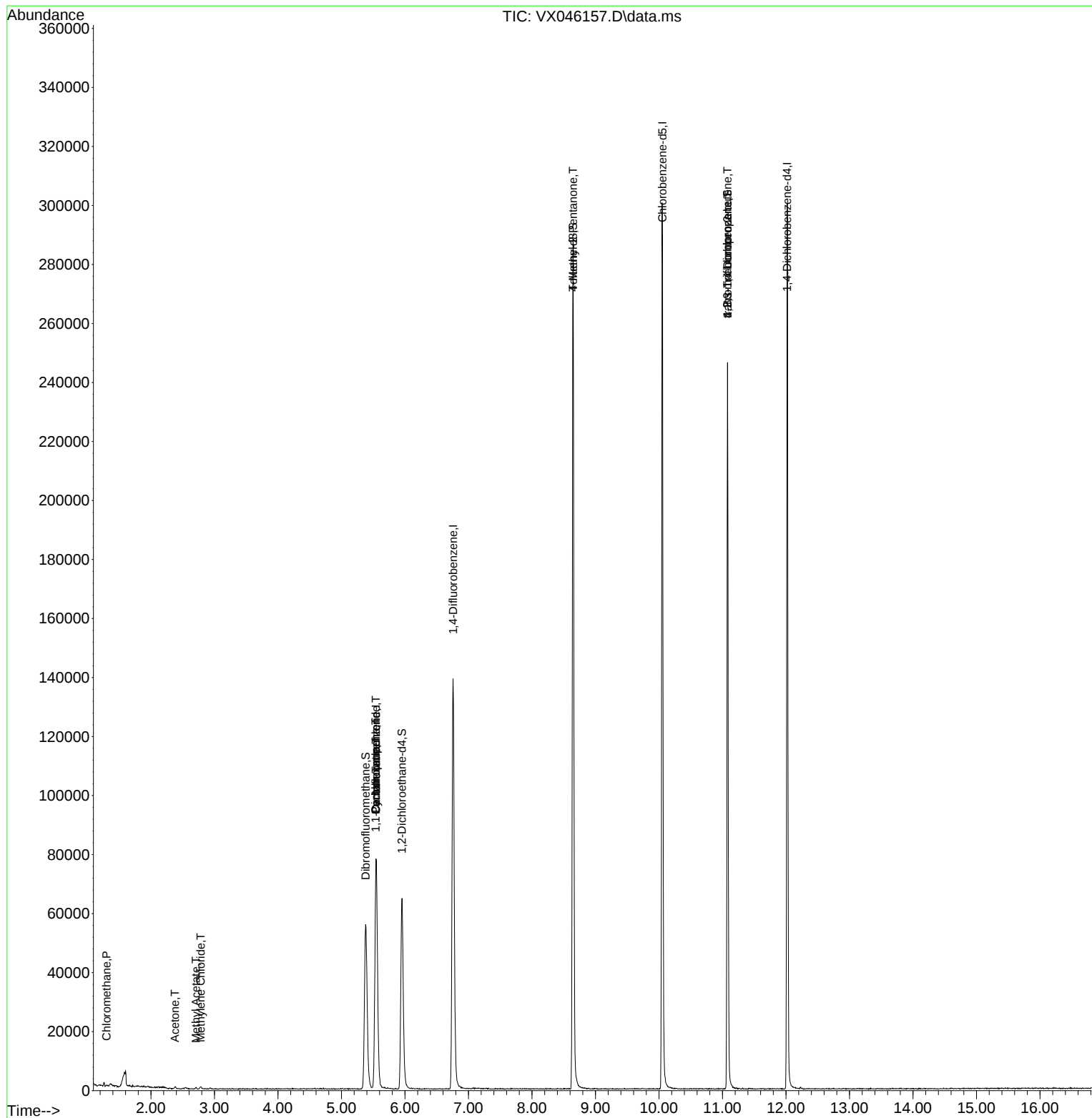
Target Compounds						Qvalue
3) Chloromethane	1.301	50	644	0.656	ug/l	98
16) Acetone	2.380	43	821	1.660	ug/l #	87
18) Methyl Acetate	2.709	43	502	0.437	ug/l #	86
20) Methylene Chloride	2.782	84	359	0.379	ug/l #	66
31) Cyclohexane	5.544	56	2006	1.364	ug/l #	34
36) 1,1-Dichloropropene	5.538	75	6764	5.303	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7937	5.538	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	945	0.592	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37117	27.680	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	37117	90.117	ug/l #	1

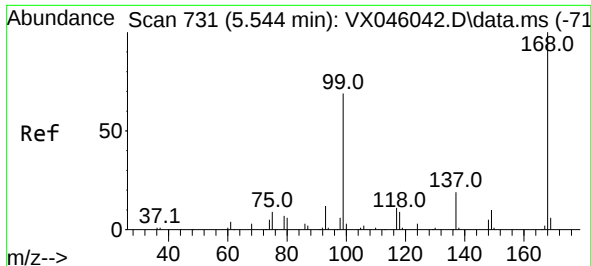
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046157.D
Acq On : 13 May 2025 11:39
Operator : JC/MD
Sample : Q1993-09RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB

Quant Time: May 14 01:35:49 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

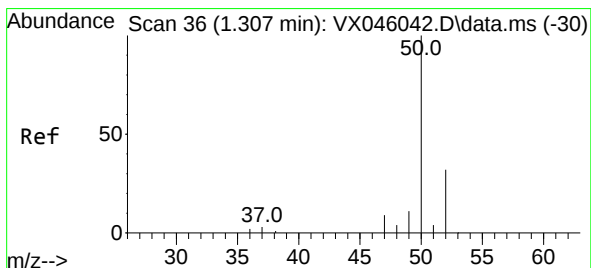
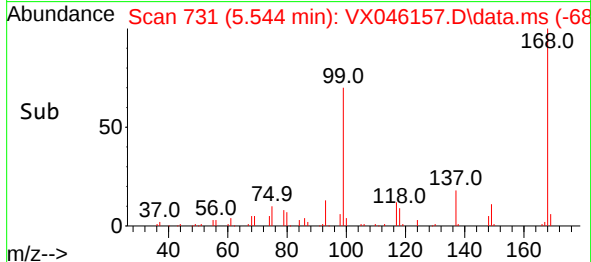
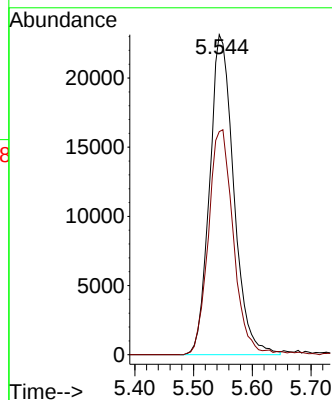
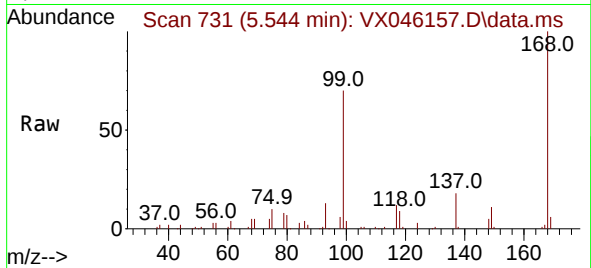




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046157.D
Acq: 13 May 2025 11:39

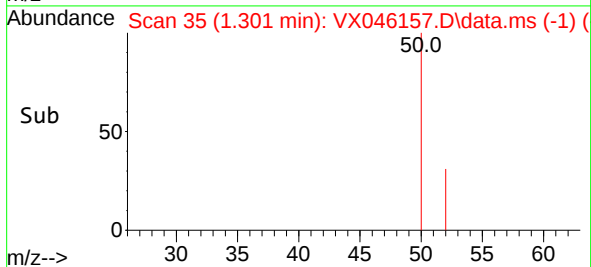
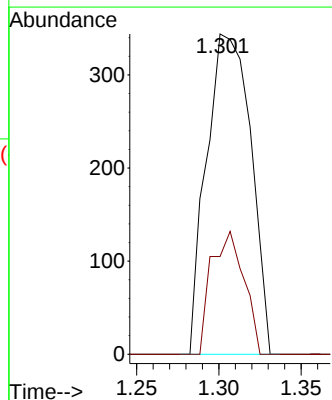
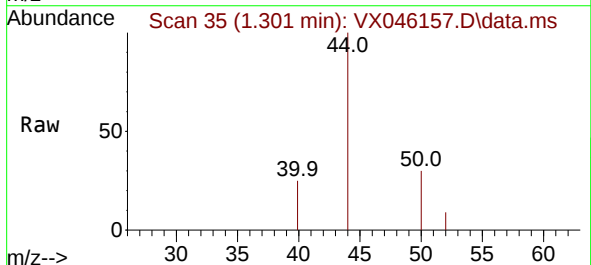
Instrument :
MSVOA_X
ClientSampleId :
TB

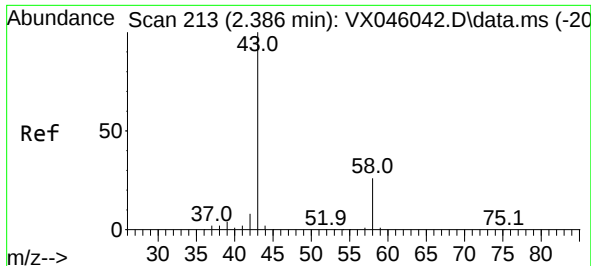
Tgt Ion:168 Resp: 66175
Ion Ratio Lower Upper
168 100
99 69.7 54.9 82.3



#3
Chloromethane
Concen: 0.656 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX046157.D
Acq: 13 May 2025 11:39

Tgt Ion: 50 Resp: 644
Ion Ratio Lower Upper
50 100
52 30.5 25.4 38.2

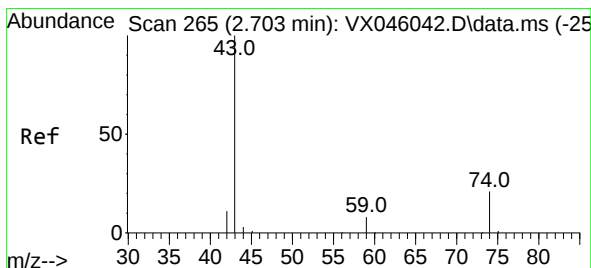
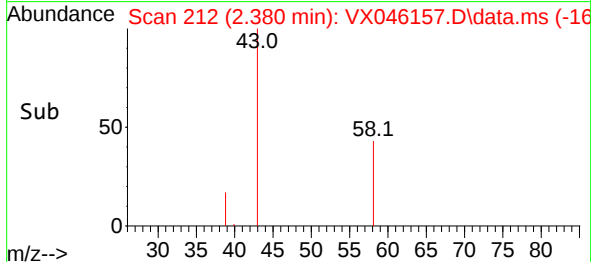
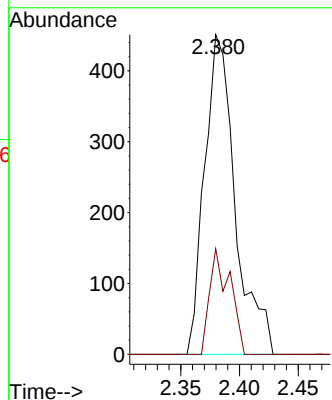
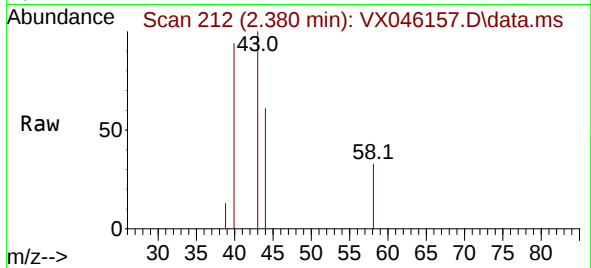




#16
Acetone
Concen: 1.660 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046157.D
Acq: 13 May 2025 11:39

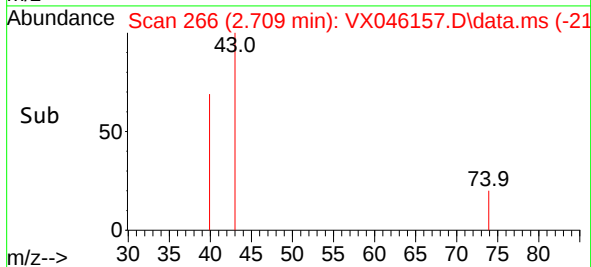
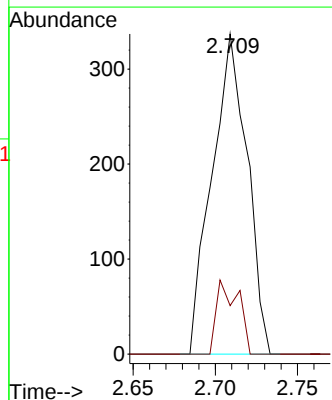
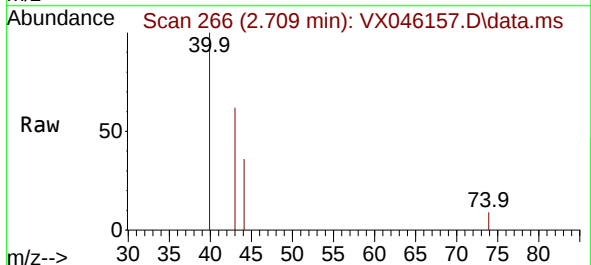
Instrument :
MSVOA_X
ClientSampleId :
TB

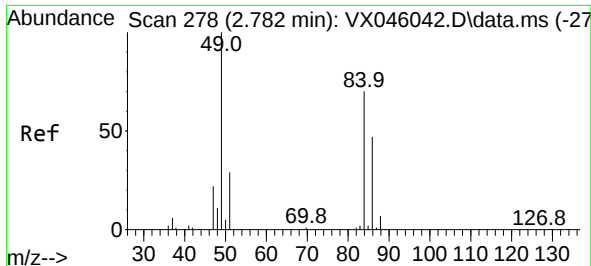
Tgt Ion: 43 Resp: 821
Ion Ratio Lower Upper
43 100
58 33.0 21.2 31.8#



#18
Methyl Acetate
Concen: 0.437 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046157.D
Acq: 13 May 2025 11:39

Tgt Ion: 43 Resp: 502
Ion Ratio Lower Upper
43 100
74 14.3 16.7 25.1#

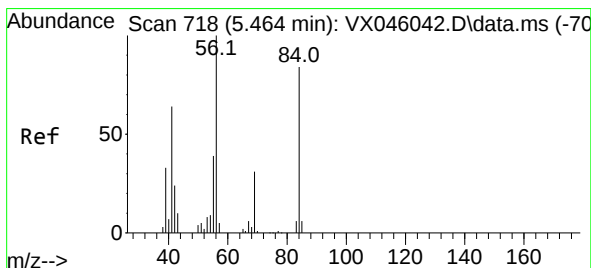
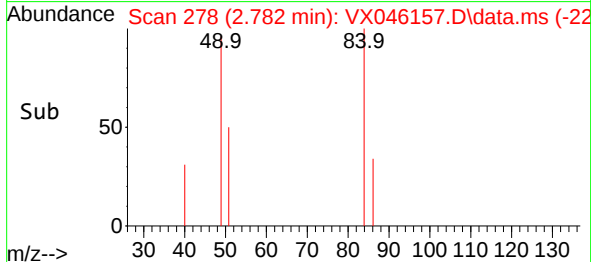
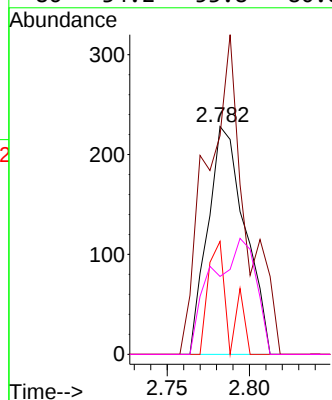
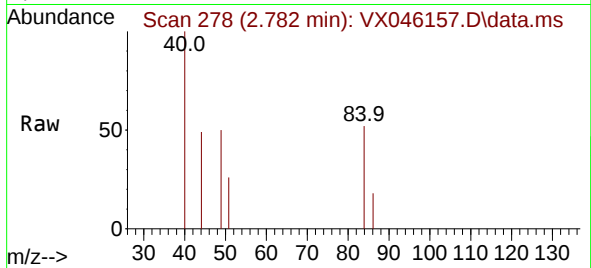




#20
Methylene Chloride
Concen: 0.379 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046157.D
Acq: 13 May 2025 11:39

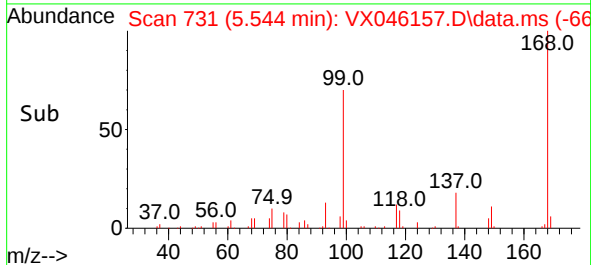
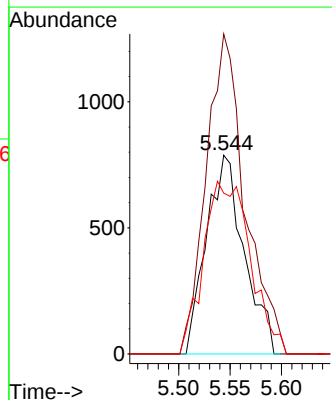
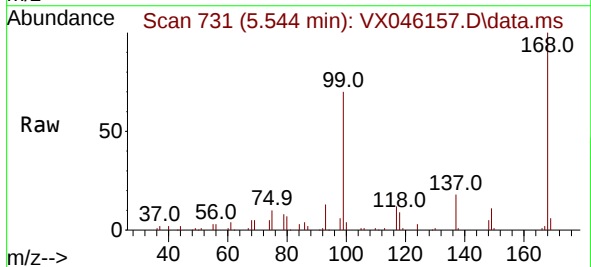
Instrument :
MSVOA_X
ClientSampleId :
TB

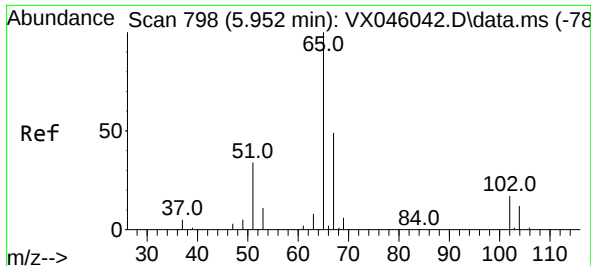
Tgt Ion:	84	Resp:	359
Ion	Ratio	Lower	Upper
84	100		
49	96.1	113.9	170.9#
51	49.6	33.5	50.3
86	34.2	53.8	80.8#



#31
Cyclohexane
Concen: 1.364 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX046157.D
Acq: 13 May 2025 11:39

Tgt Ion:	56	Resp:	2006
Ion	Ratio	Lower	Upper
56	100		
69	161.0	24.4	36.6#
84	81.0	66.9	100.3





#33

1,2-Dichloroethane-d4

Concen: 54.283 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046157.D

Acq: 13 May 2025 11:39

Instrument :

MSVOA_X

ClientSampleId :

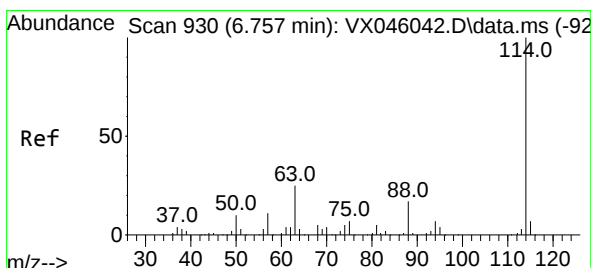
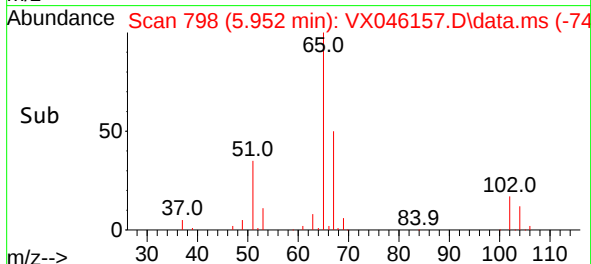
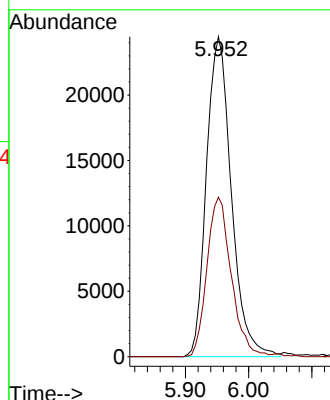
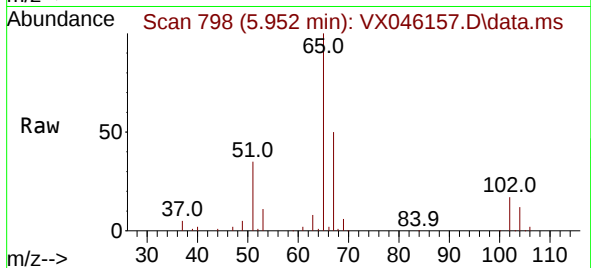
TB

Tgt Ion: 65 Resp: 66970

Ion Ratio Lower Upper

65 100

67 48.7 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: VX046157.D

Acq: 13 May 2025 11:39

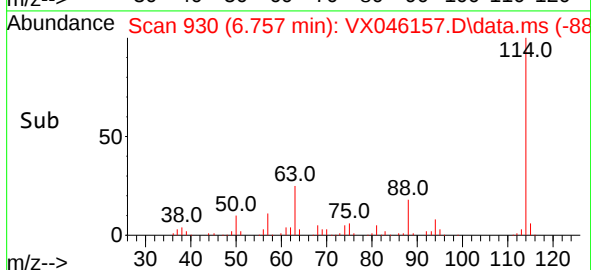
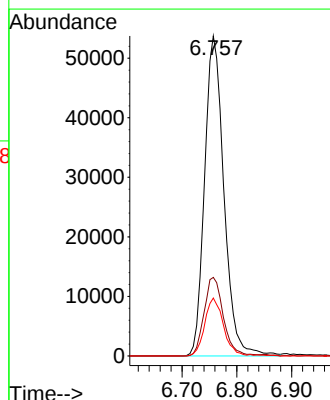
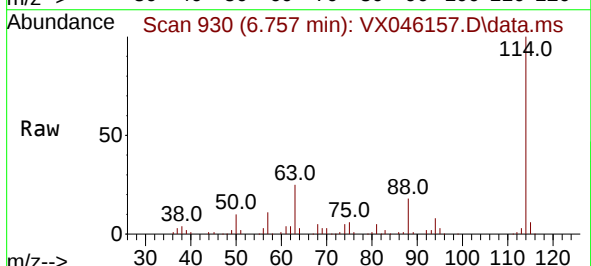
Tgt Ion: 114 Resp: 131830

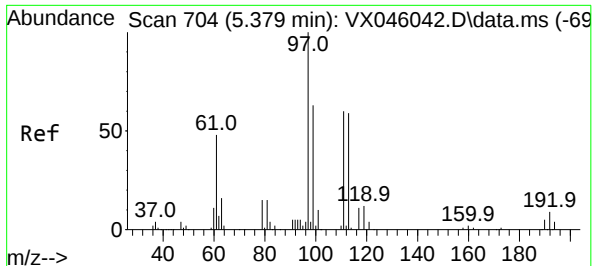
Ion Ratio Lower Upper

114 100

63 24.6 0.0 49.2

88 18.1 0.0 33.6

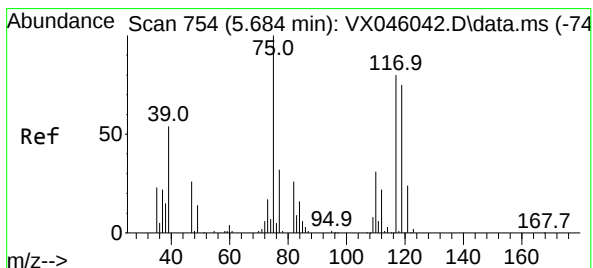
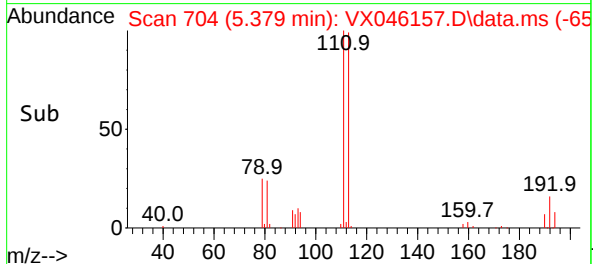
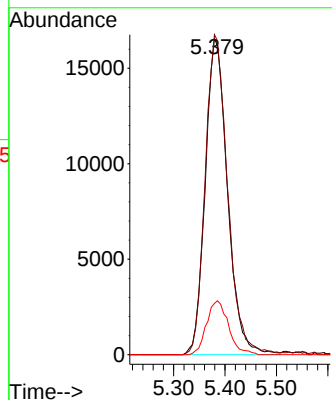
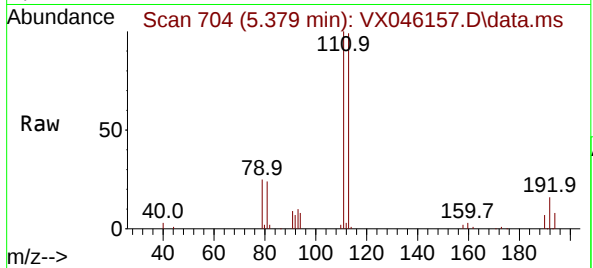




#35
Dibromofluoromethane
Concen: 52.504 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046157.D
Acq: 13 May 2025 11:39

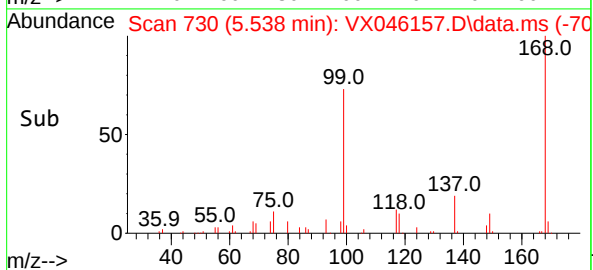
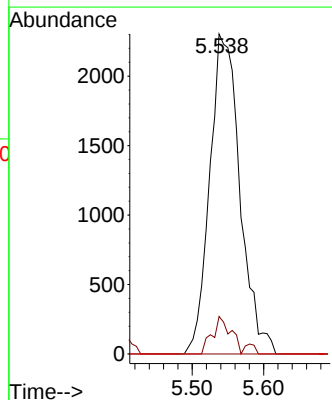
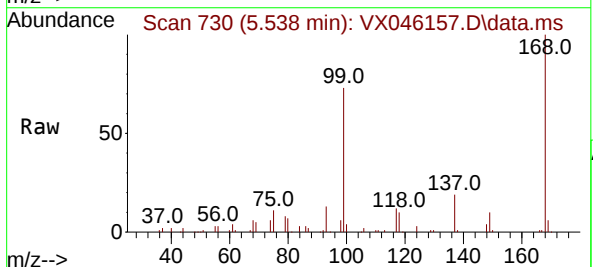
Instrument :
MSVOA_X
ClientSampleId :
TB

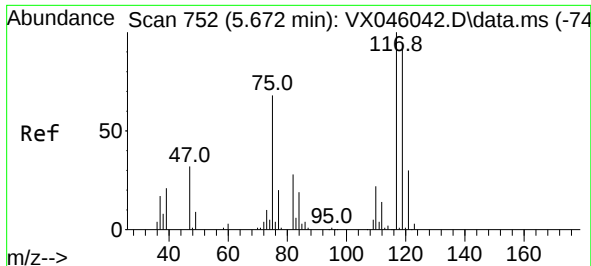
Tgt Ion:113 Resp: 49843
Ion Ratio Lower Upper
113 100
111 101.7 83.1 124.7
192 16.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.303 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX046157.D
Acq: 13 May 2025 11:39

Tgt Ion: 75 Resp: 6764
Ion Ratio Lower Upper
75 100
110 7.1 16.3 48.9#
77 0.0 24.3 36.5#

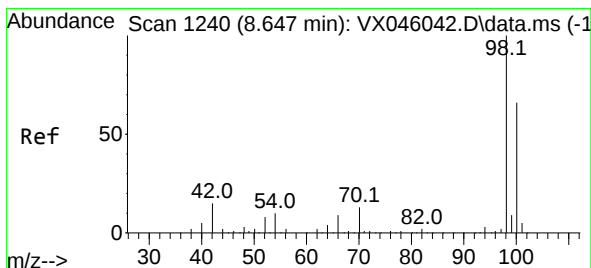
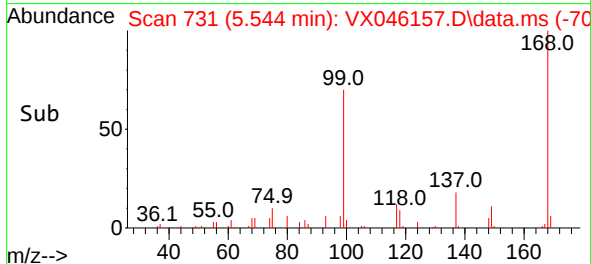
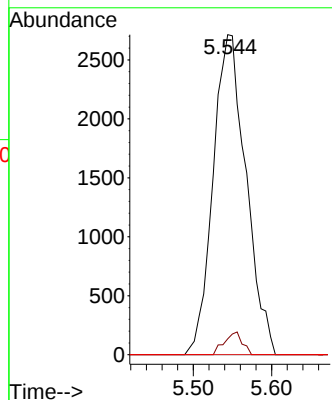
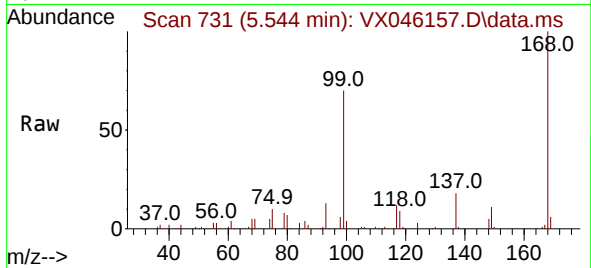




#38
Carbon Tetrachloride
Concen: 5.538 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046157.D
Acq: 13 May 2025 11:39

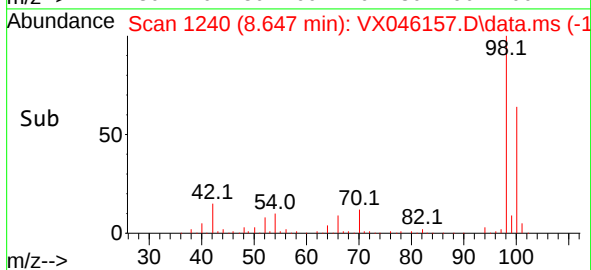
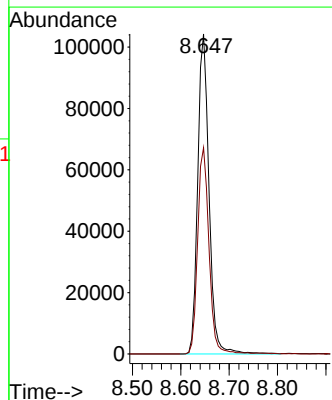
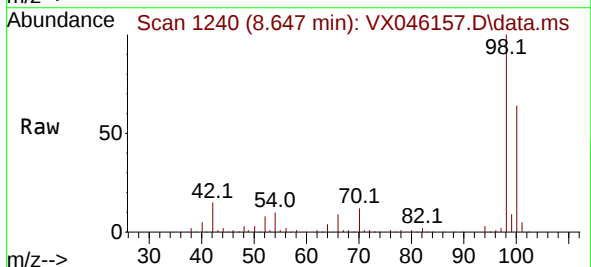
Instrument :
MSVOA_X
ClientSampleId :
TB

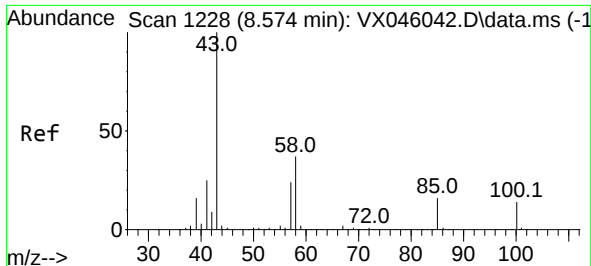
Tgt Ion:117 Resp: 7937
Ion Ratio Lower Upper
117 100
119 5.0 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 51.260 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046157.D
Acq: 13 May 2025 11:39

Tgt Ion: 98 Resp: 168424
Ion Ratio Lower Upper
98 100
100 64.7 53.5 80.3

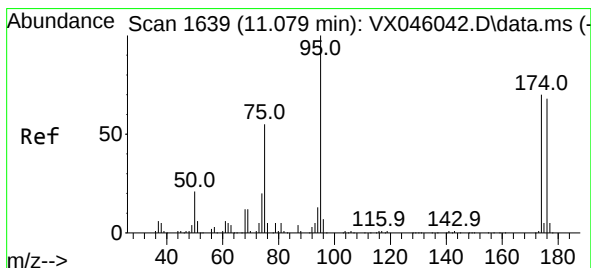
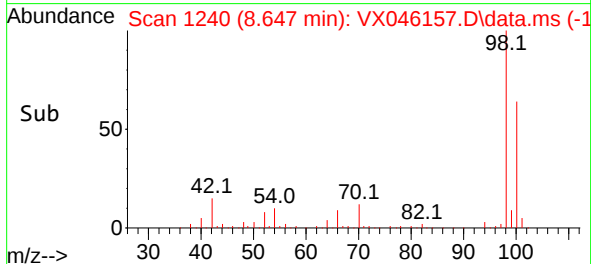
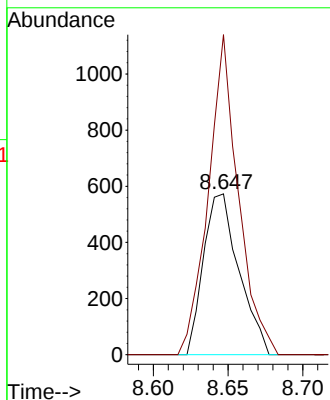
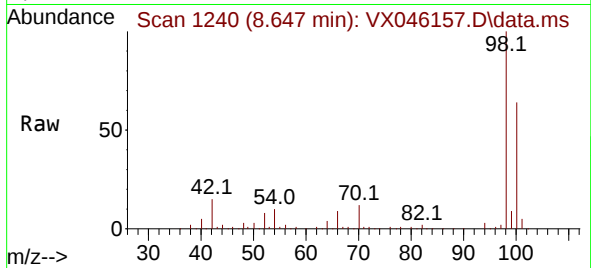




#51
4-Methyl-2-Pentanone
Concen: 0.592 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX046157.D
Acq: 13 May 2025 11:39

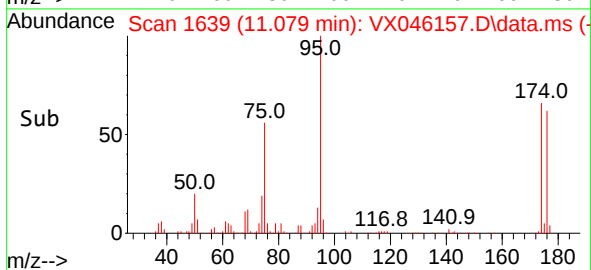
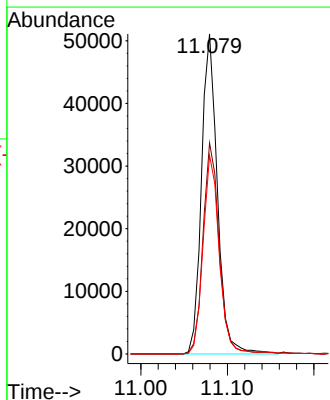
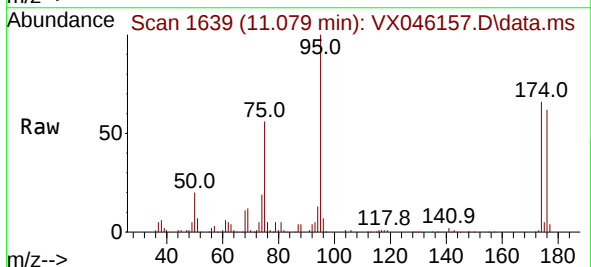
Instrument :
MSVOA_X
ClientSampleId :
TB

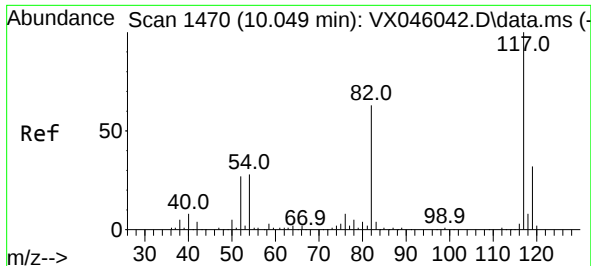
Tgt Ion: 43 Resp: 945
Ion Ratio Lower Upper
43 100
58 168.4 28.9 43.3#



#62
4-Bromofluorobenzene
Concen: 51.783 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046157.D
Acq: 13 May 2025 11:39

Tgt Ion: 95 Resp: 65265
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.8
176 62.8 0.0 131.4

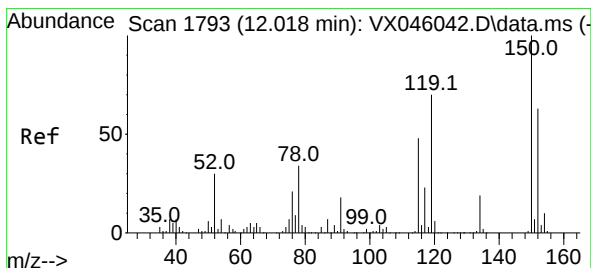
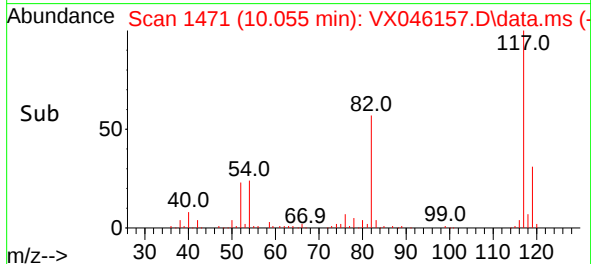
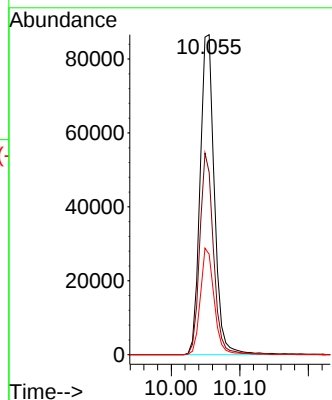
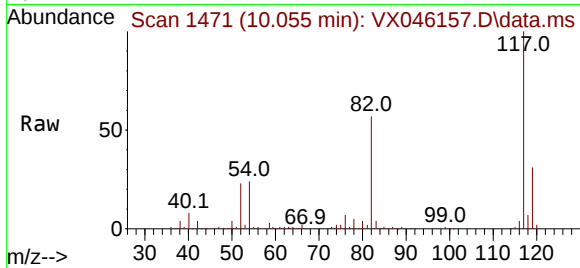




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046157.D
Acq: 13 May 2025 11:39

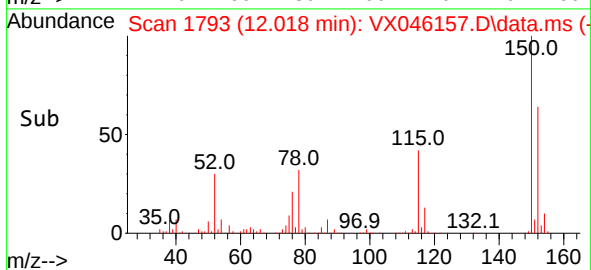
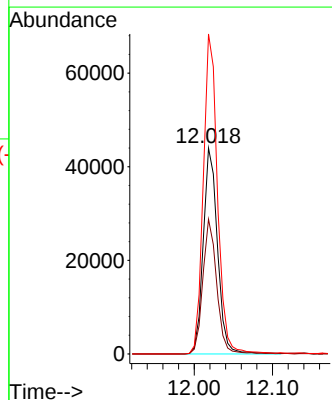
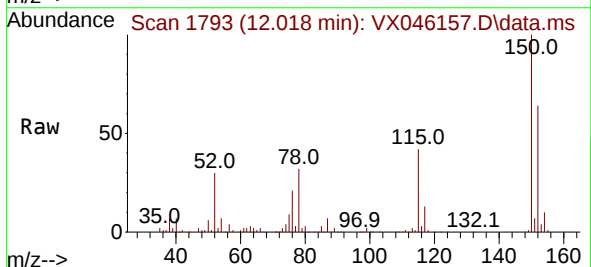
Instrument :
MSVOA_X
ClientSampleId :
TB

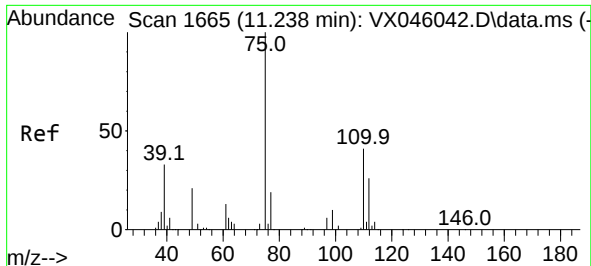
Tgt Ion:117 Resp: 126040
Ion Ratio Lower Upper
117 100
82 57.0 50.6 76.0
119 31.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046157.D
Acq: 13 May 2025 11:39

Tgt Ion:152 Resp: 55709
Ion Ratio Lower Upper
152 100
115 63.8 46.9 140.7
150 154.5 0.0 351.0

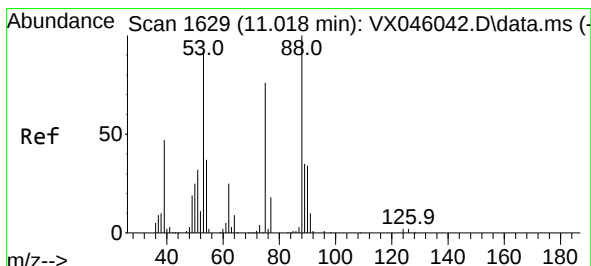
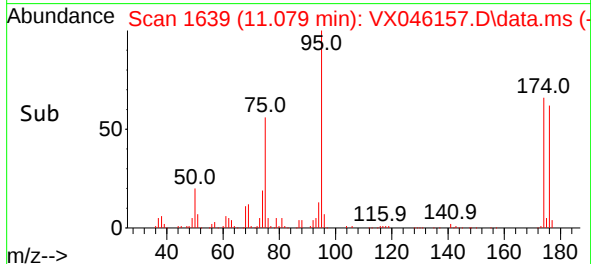
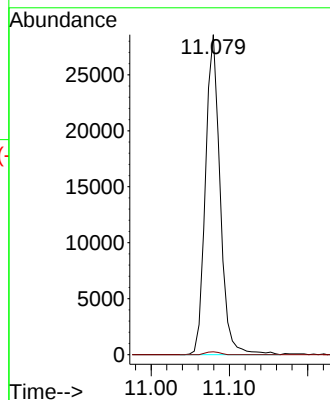
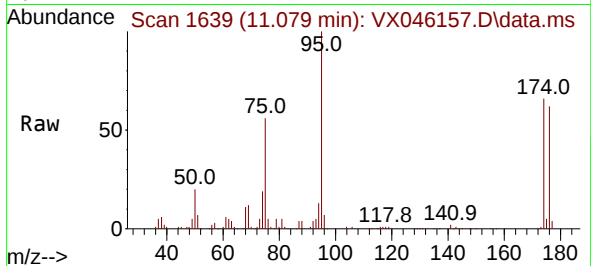




#76
1,2,3-Trichloropropane
Concen: 27.680 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX046157.D
Acq: 13 May 2025 11:39

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion: 75 Resp: 37117
Ion Ratio Lower Upper
75 100
77 0.9 20.5 61.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.117 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046157.D
Acq: 13 May 2025 11:39

Tgt Ion: 75 Resp: 37117
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

