

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
 Data File : VX046214.D
 Acq On : 15 May 2025 15:21
 Operator : JC/MD
 Sample : Q2050-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 16 01:06:57 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	5.550	168	60707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	121001	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	44995	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61824	54.626	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.260%
35) Dibromofluoromethane	5.379	113	45003	51.648	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.300%
50) Toluene-d8	8.647	98	153201	50.799	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.600%
62) 4-Bromofluorobenzene	11.079	95	55967	48.380	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.760%

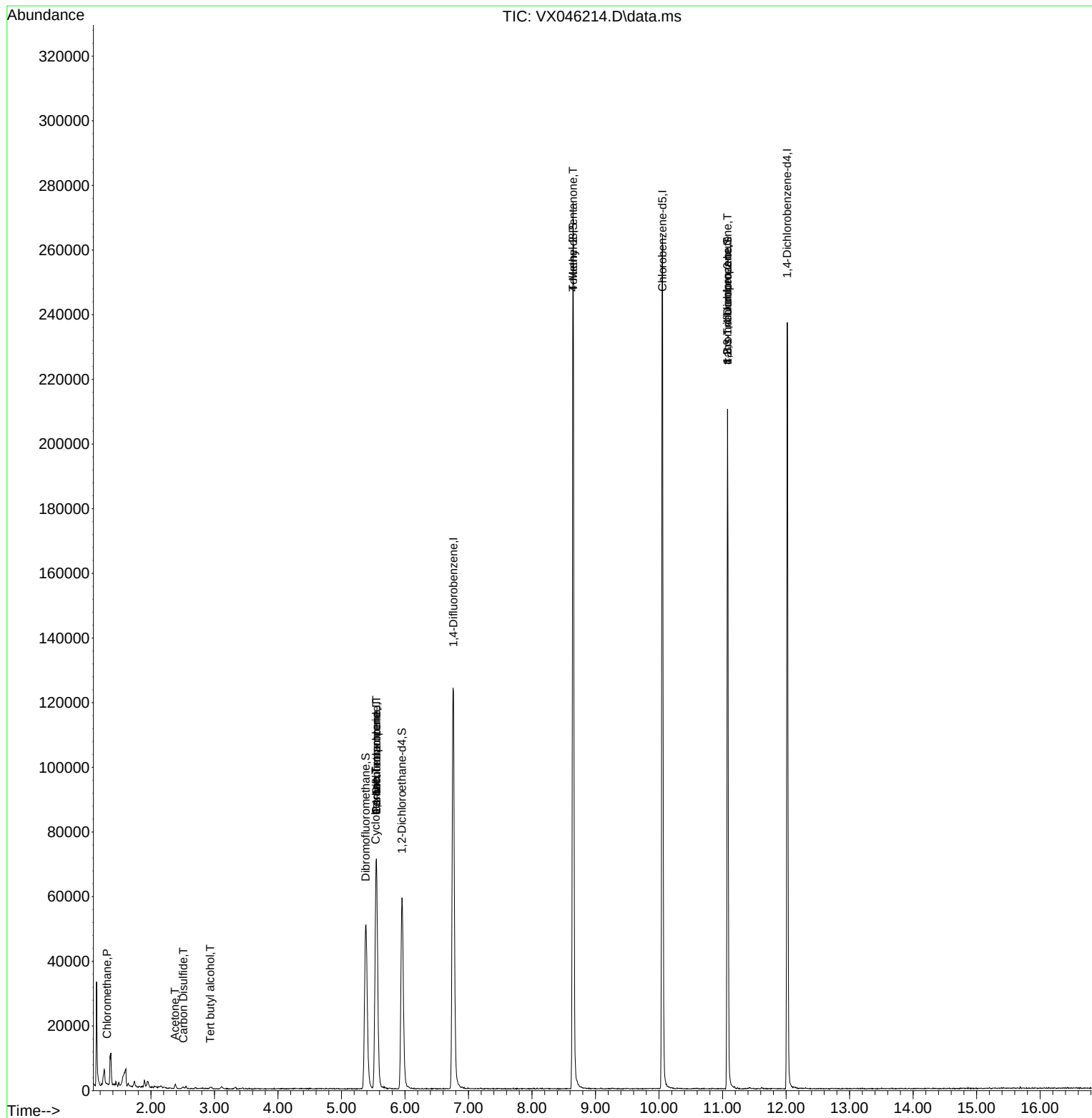
Target Compounds					Qvalue	
3) Chloromethane	1.307	50	335	0.372	ug/l	97
11) Tert butyl alcohol	2.934	59	120	0.755	ug/l #	72
16) Acetone	2.380	43	1461	3.220	ug/l #	83
17) Carbon Disulfide	2.508	76	744	0.436	ug/l #	76
31) Cyclohexane	5.538	56	1866	1.383	ug/l #	37
36) 1,1-Dichloropropene	5.550	75	6263	5.350	ug/l #	48
38) Carbon Tetrachloride	5.550	117	6905	5.249	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	817	0.558	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31347	28.943	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	31347	94.230	ug/l #	1

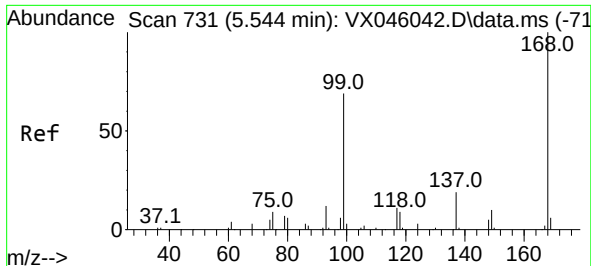
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
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Quant Time: May 16 01:06:57 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

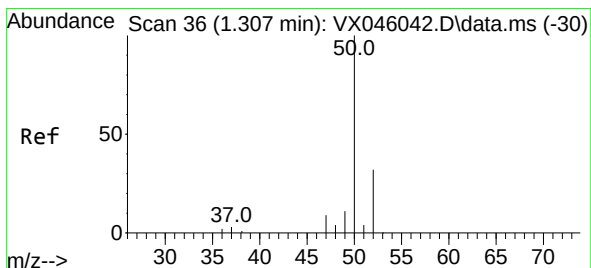
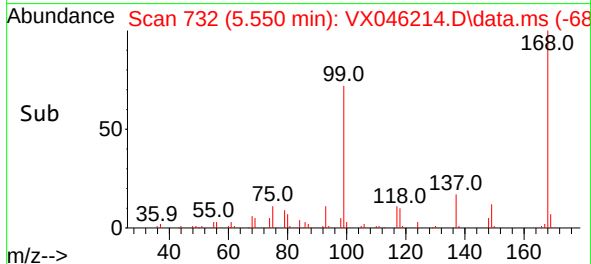
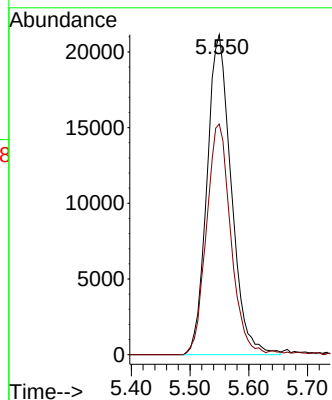
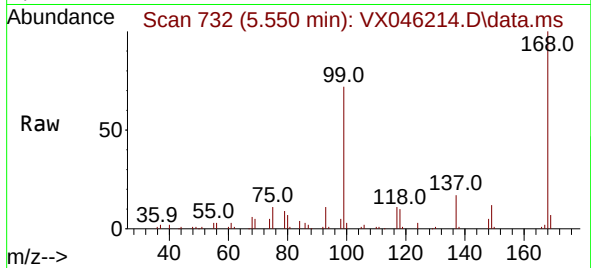




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046214.D
Acq: 15 May 2025 15:21

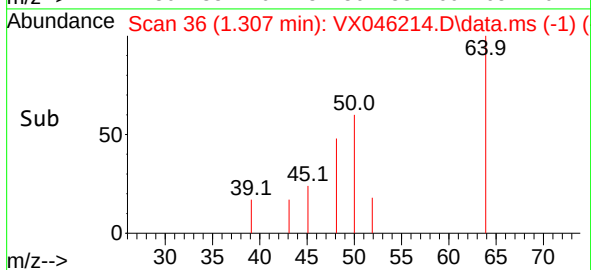
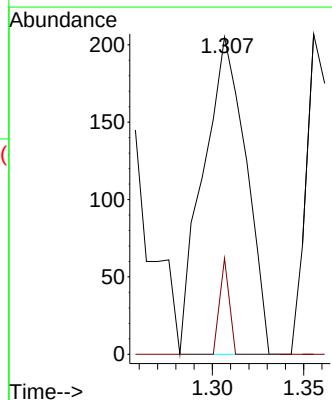
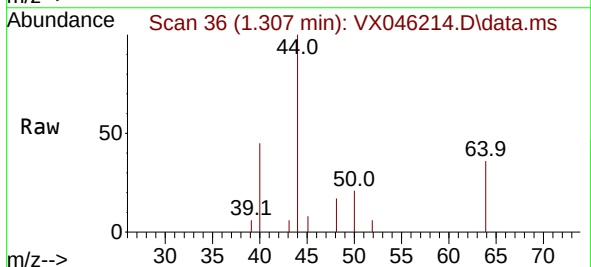
Instrument :
MSVOA_X
ClientSampleId :

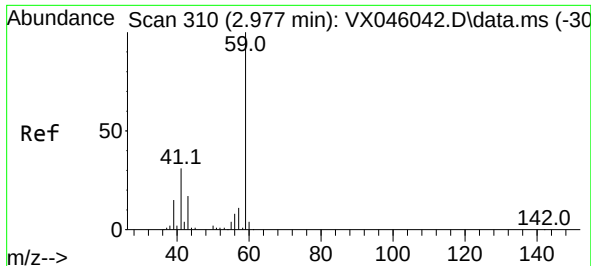
Tgt Ion:168 Resp: 60707
Ion Ratio Lower Upper
168 100
99 72.1 54.9 82.3



#3
Chloromethane
Concen: 0.372 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046214.D
Acq: 15 May 2025 15:21

Tgt Ion: 50 Resp: 335
Ion Ratio Lower Upper
50 100
52 30.2 25.4 38.2





#11

Tert butyl alcohol

Concen: 0.755 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.043 min

Lab File: VX046214.D

Acq: 15 May 2025 15:21

Instrument :

MSVOA_X

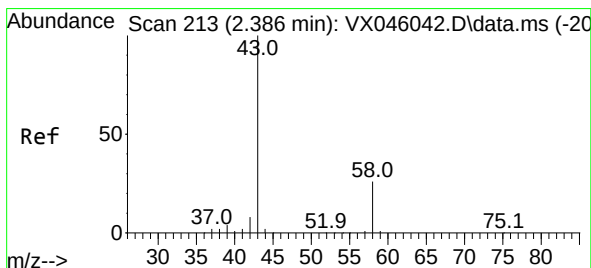
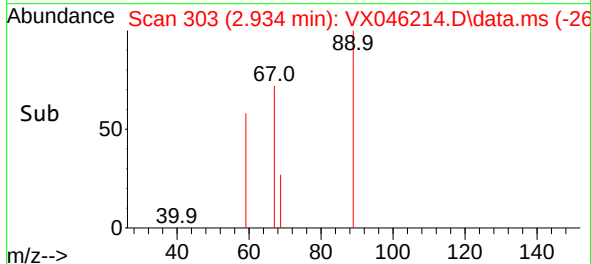
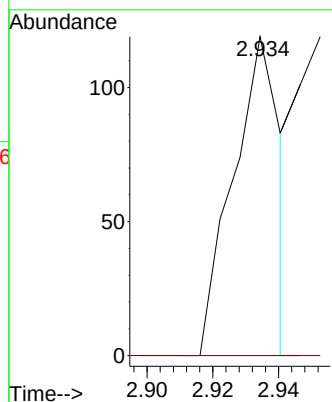
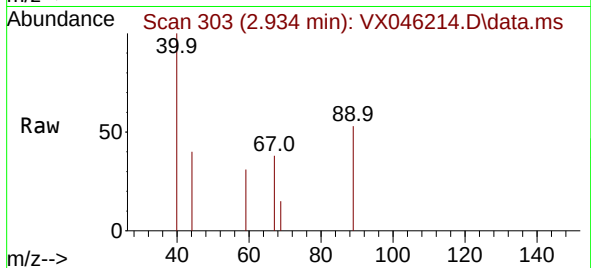
ClientSampleId :

Tgt Ion: 59 Resp: 120

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#16

Acetone

Concen: 3.220 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX046214.D

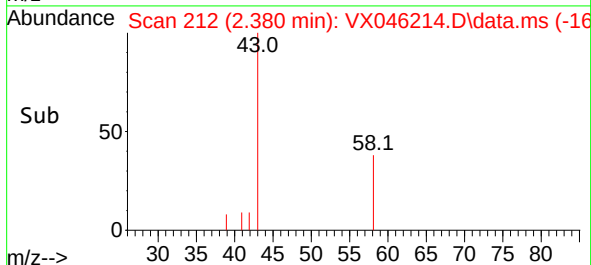
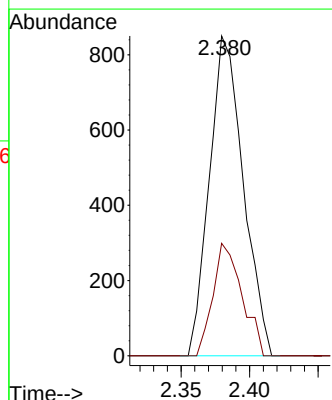
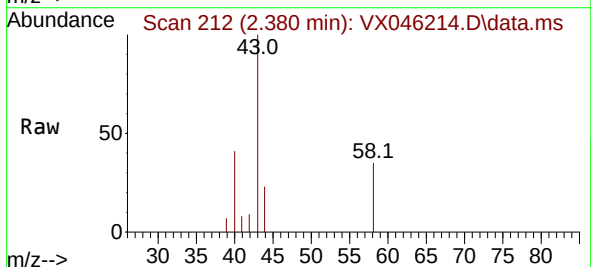
Acq: 15 May 2025 15:21

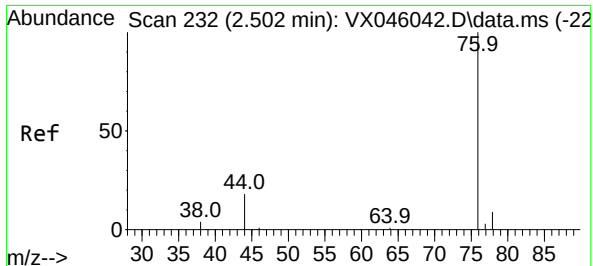
Tgt Ion: 43 Resp: 1461

Ion Ratio Lower Upper

43 100

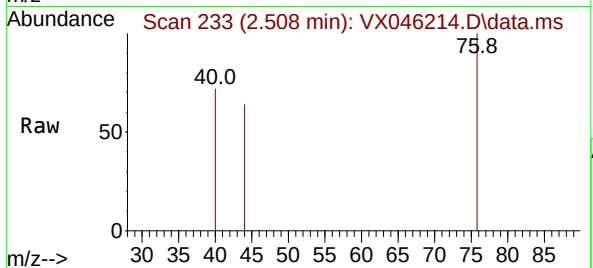
58 35.2 21.2 31.8#



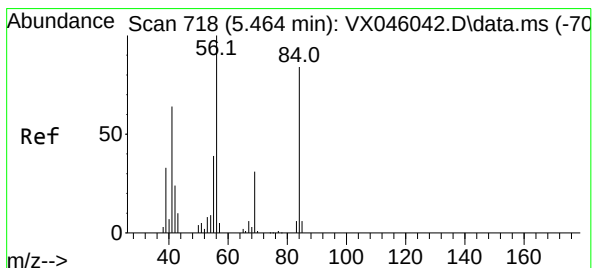
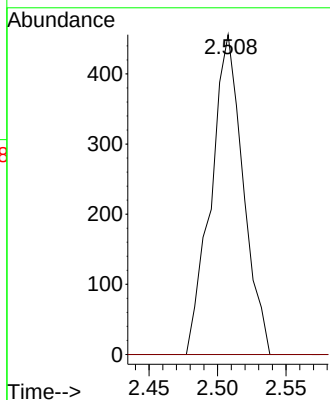
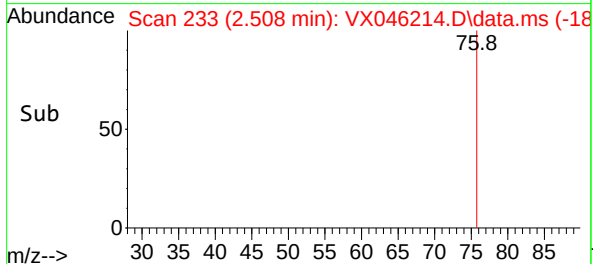


#17
Carbon Disulfide
Concen: 0.436 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046214.D
Acq: 15 May 2025 15:21

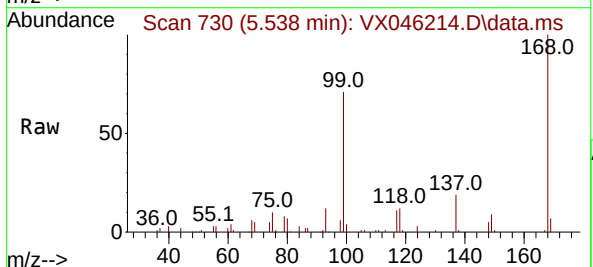
Instrument :
MSVOA_X
ClientSampleId :



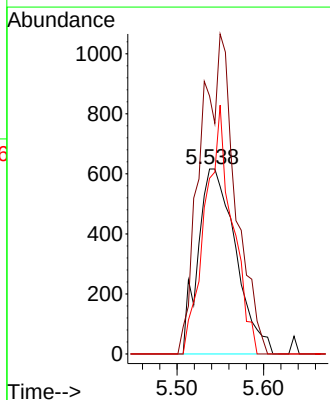
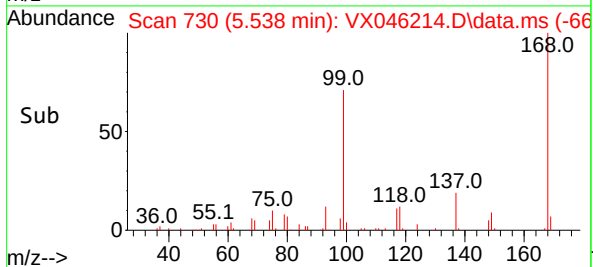
Tgt Ion: 76 Resp: 744
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#

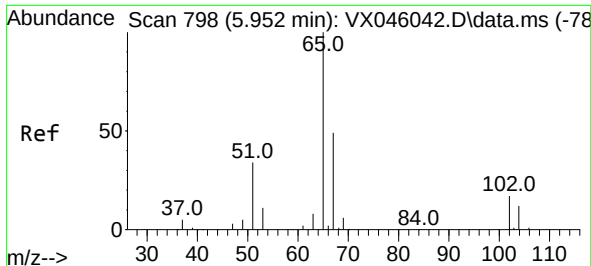


#31
Cyclohexane
Concen: 1.383 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX046214.D
Acq: 15 May 2025 15:21



Tgt Ion: 56 Resp: 1866
Ion Ratio Lower Upper
56 100
69 139.4 24.4 36.6#
84 95.0 66.9 100.3

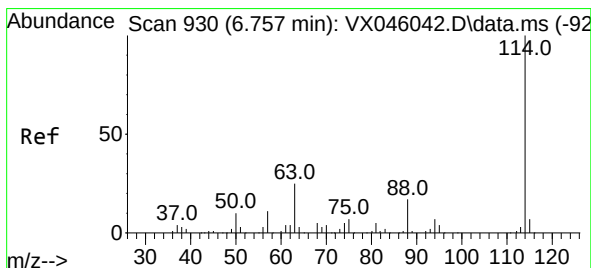
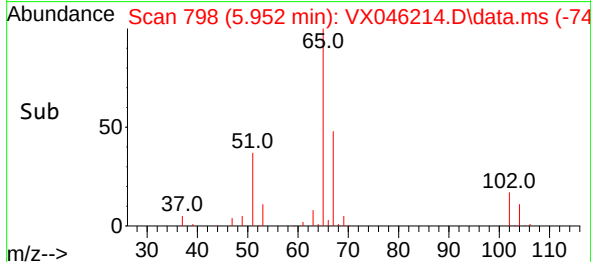
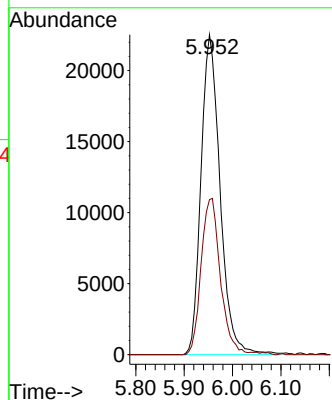
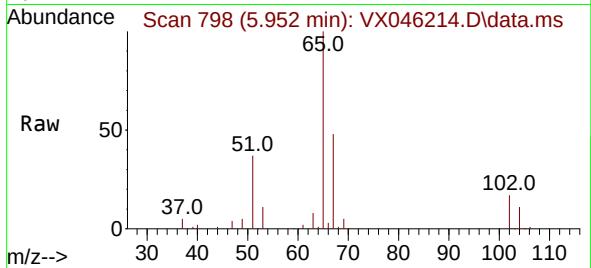




#33
 1,2-Dichloroethane-d4
 Concen: 54.626 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX046214.D
 Acq: 15 May 2025 15:21

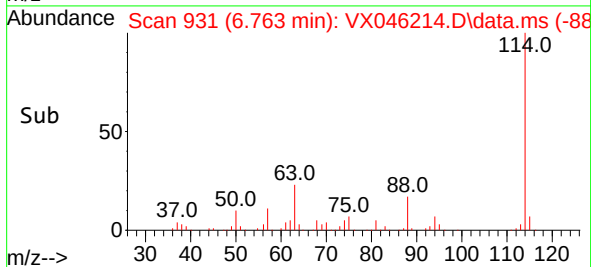
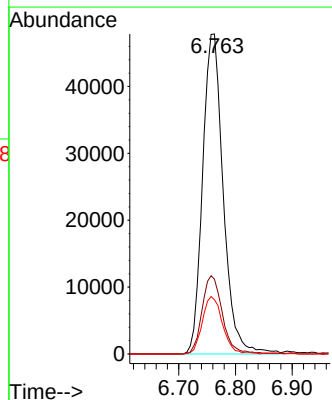
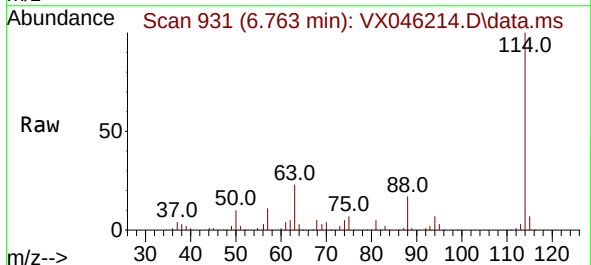
Instrument :
 MSVOA_X
 ClientSampleId :

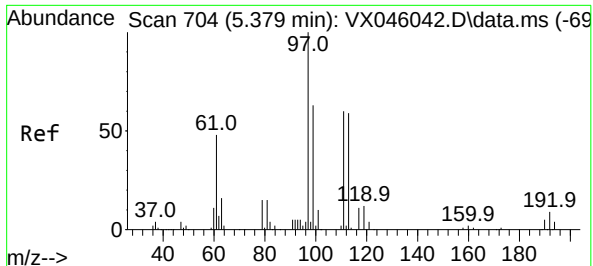
Tgt Ion: 65 Resp: 61824
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX046214.D
 Acq: 15 May 2025 15:21

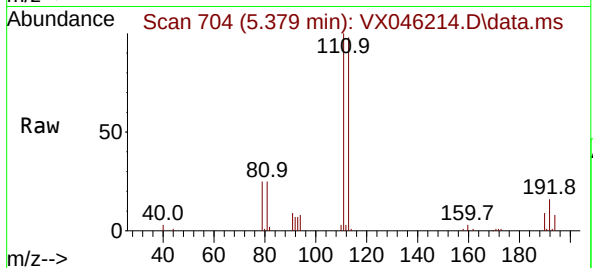
Tgt Ion: 114 Resp: 121001
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 49.2
 88 16.9 0.0 33.6



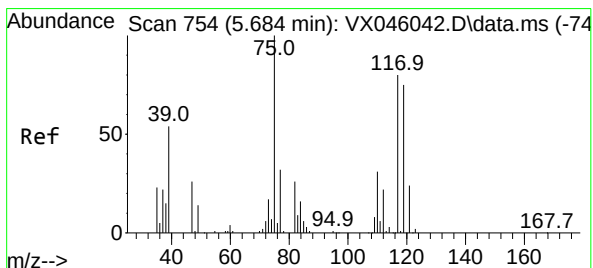
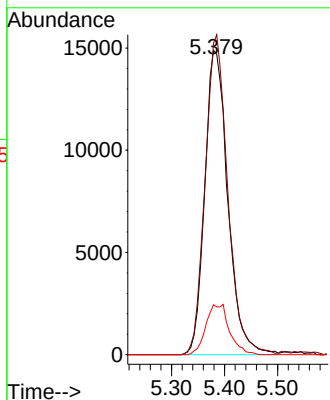
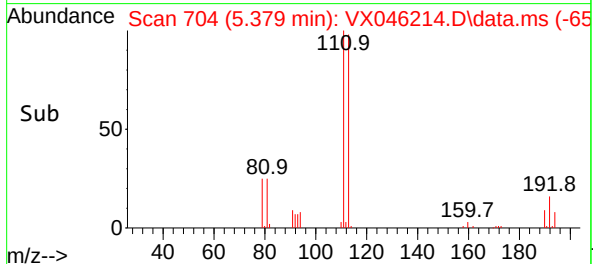


#35
Dibromofluoromethane
Concen: 51.648 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046214.D
Acq: 15 May 2025 15:21

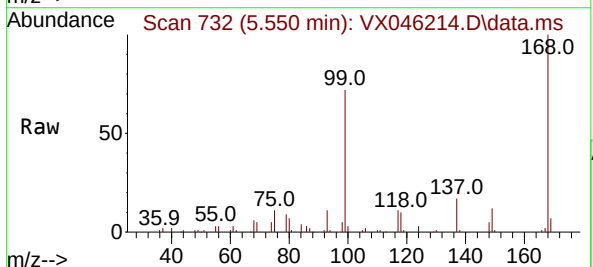
Instrument :
MSVOA_X
ClientSampleId :



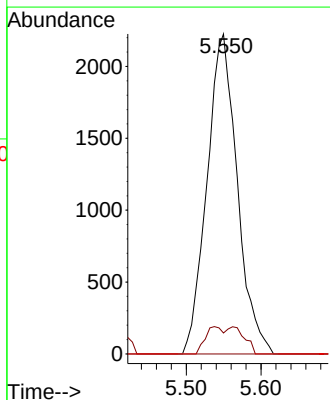
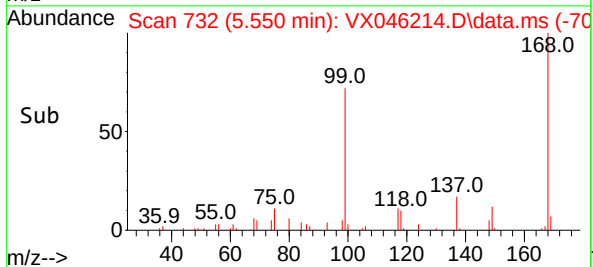
Tgt Ion:113 Resp: 45003
Ion Ratio Lower Upper
113 100
111 103.4 83.1 124.7
192 16.8 13.3 19.9

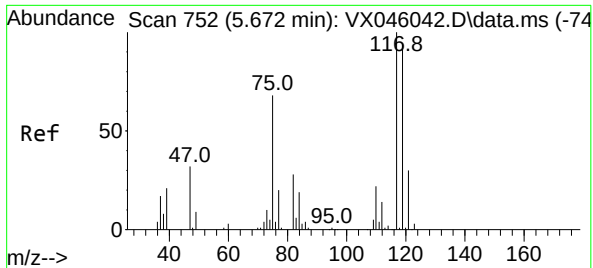


#36
1,1-Dichloropropene
Concen: 5.350 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX046214.D
Acq: 15 May 2025 15:21



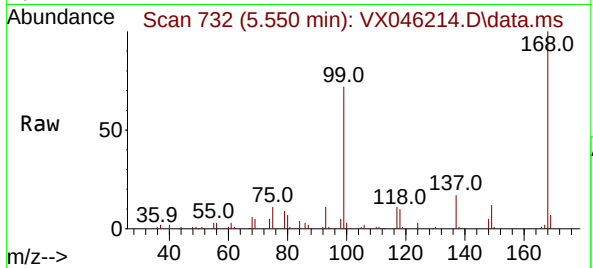
Tgt Ion: 75 Resp: 6263
Ion Ratio Lower Upper
75 100
110 5.0 16.3 48.9#
77 0.0 24.3 36.5#



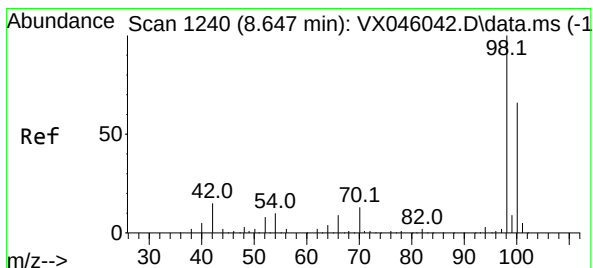
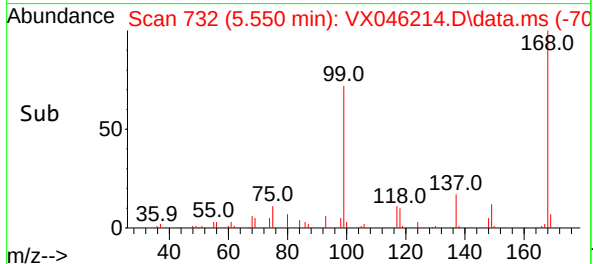
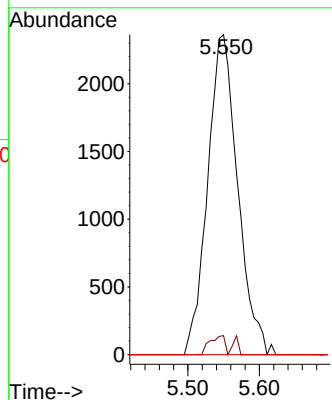


#38
Carbon Tetrachloride
Concen: 5.249 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX046214.D
Acq: 15 May 2025 15:21

Instrument :
MSVOA_X
ClientSampleId :

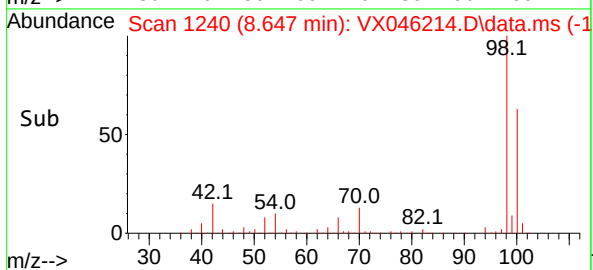
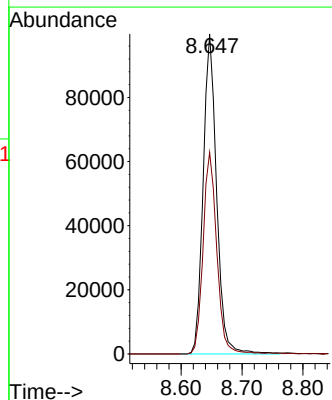
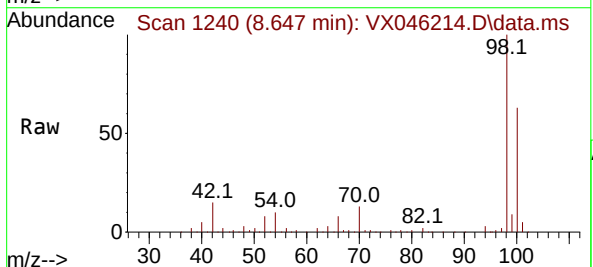


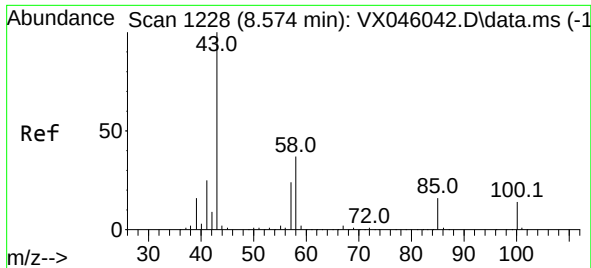
Tgt Ion:117 Resp: 6905
Ion Ratio Lower Upper
117 100
119 5.9 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 50.799 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046214.D
Acq: 15 May 2025 15:21

Tgt Ion: 98 Resp: 153201
Ion Ratio Lower Upper
98 100
100 64.1 53.5 80.3

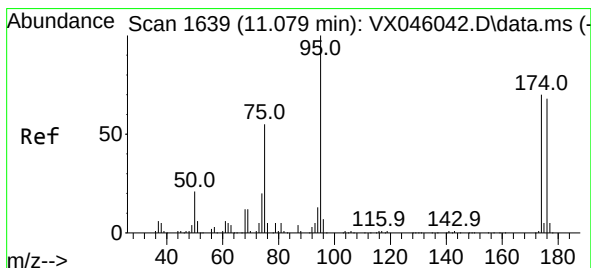
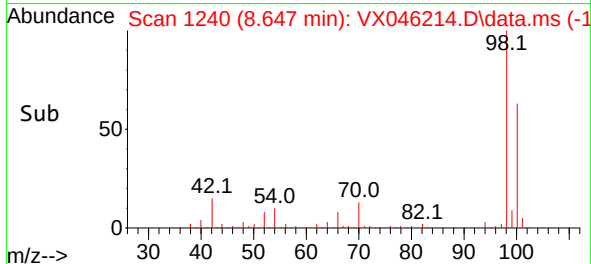
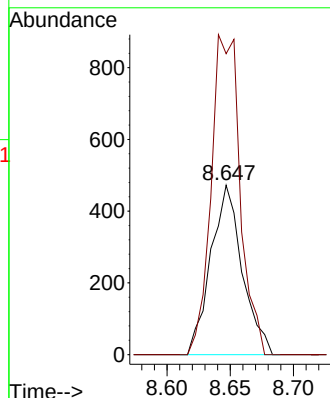
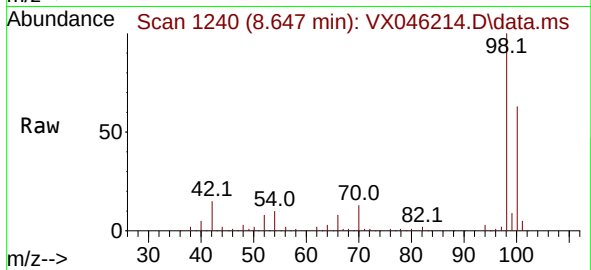




#51
 4-Methyl-2-Pentanone
 Concen: 0.558 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.073 min
 Lab File: VX046214.D
 Acq: 15 May 2025 15:21

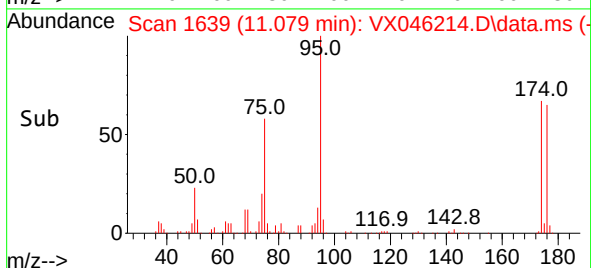
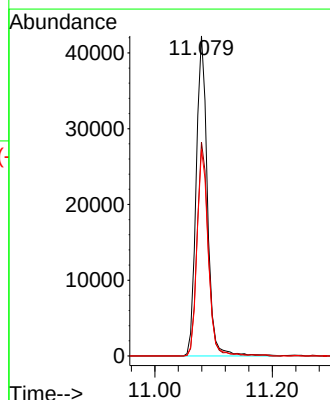
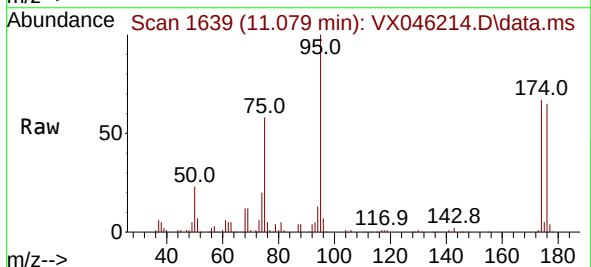
Instrument :
 MSVOA_X
 ClientSampleId :

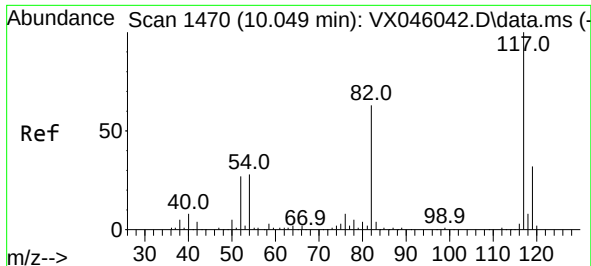
Tgt Ion: 43 Resp: 817
 Ion Ratio Lower Upper
 43 100
 58 173.9 28.9 43.3#



#62
 4-Bromofluorobenzene
 Concen: 48.380 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: VX046214.D
 Acq: 15 May 2025 15:21

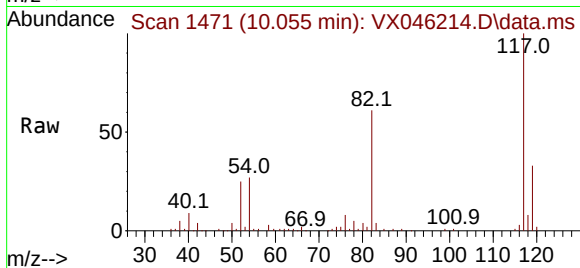
Tgt Ion: 95 Resp: 55967
 Ion Ratio Lower Upper
 95 100
 174 66.8 0.0 135.8
 176 64.4 0.0 131.4



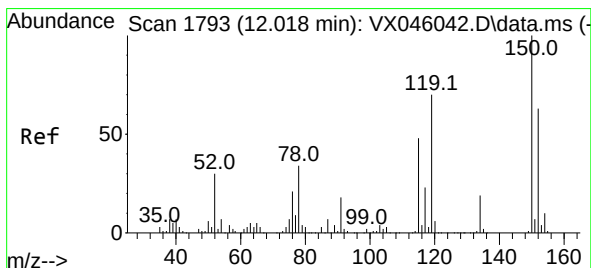
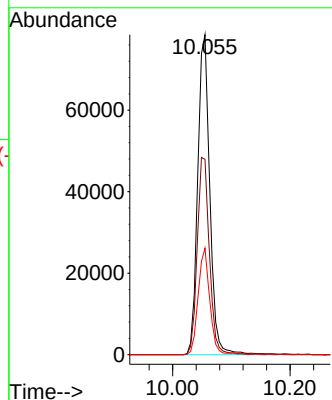
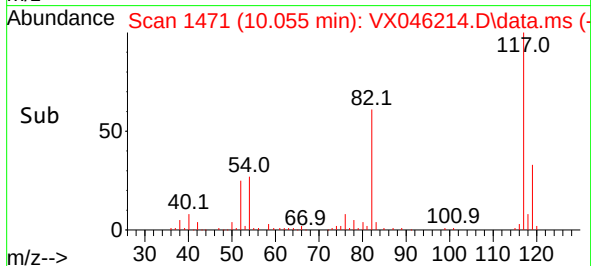


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046214.D
Acq: 15 May 2025 15:21

Instrument :
MSVOA_X
ClientSampleId :

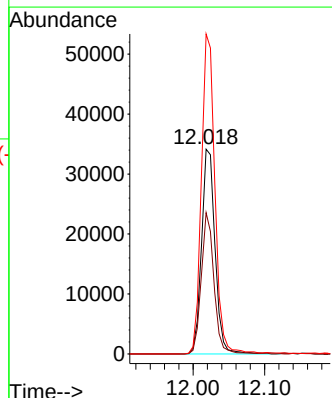
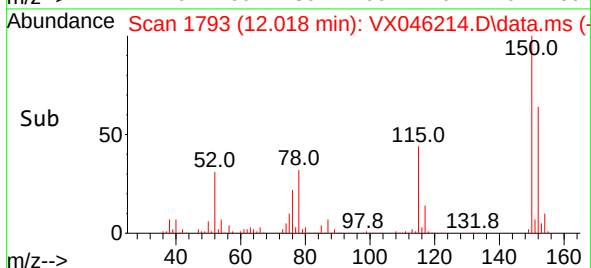
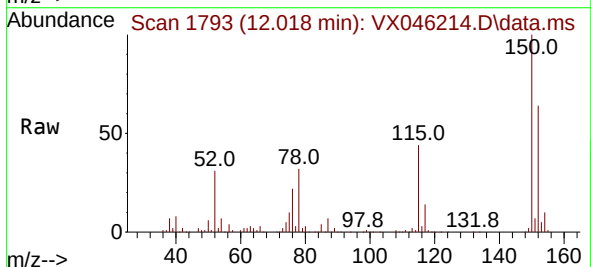


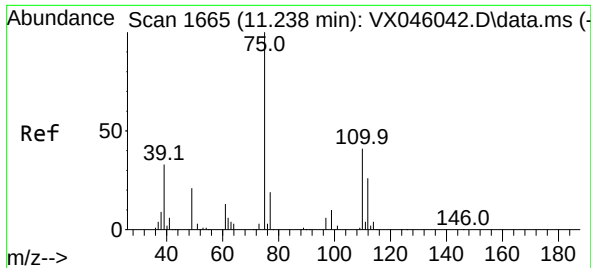
Tgt Ion:117 Resp: 112446
Ion Ratio Lower Upper
117 100
82 61.1 50.6 76.0
119 33.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046214.D
Acq: 15 May 2025 15:21

Tgt Ion:152 Resp: 44995
Ion Ratio Lower Upper
152 100
115 64.6 46.9 140.7
150 155.4 0.0 351.0

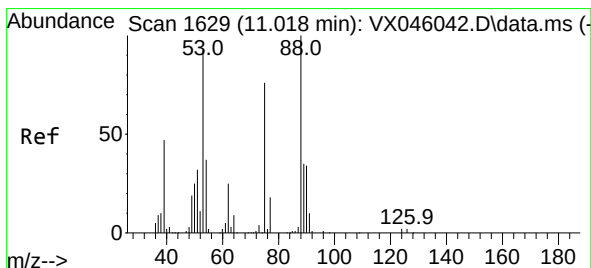
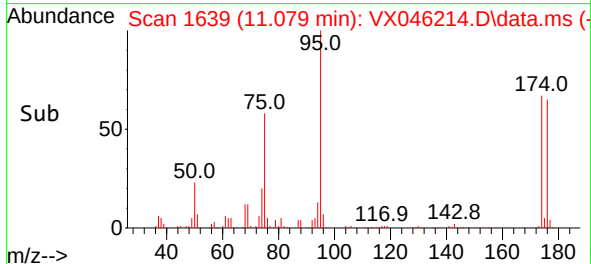
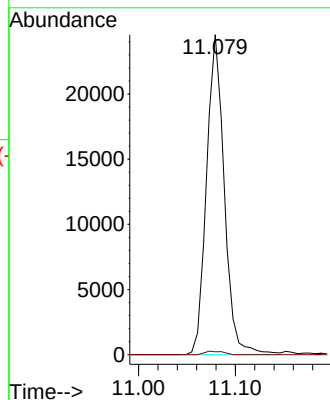
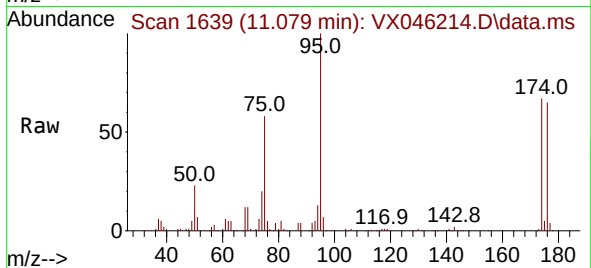




#76
1,2,3-Trichloropropane
Concen: 28.943 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046214.D
Acq: 15 May 2025 15:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 31347
Ion Ratio Lower Upper
75 100
77 1.1 20.5 61.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.230 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046214.D
Acq: 15 May 2025 15:21

Tgt Ion: 75 Resp: 31347
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.1 37.0 55.6#

