

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
 Data File : VX047122.D
 Acq On : 24 Jul 2025 15:54
 Operator : JC/MD
 Sample : Q2481-20 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 25 01:25:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

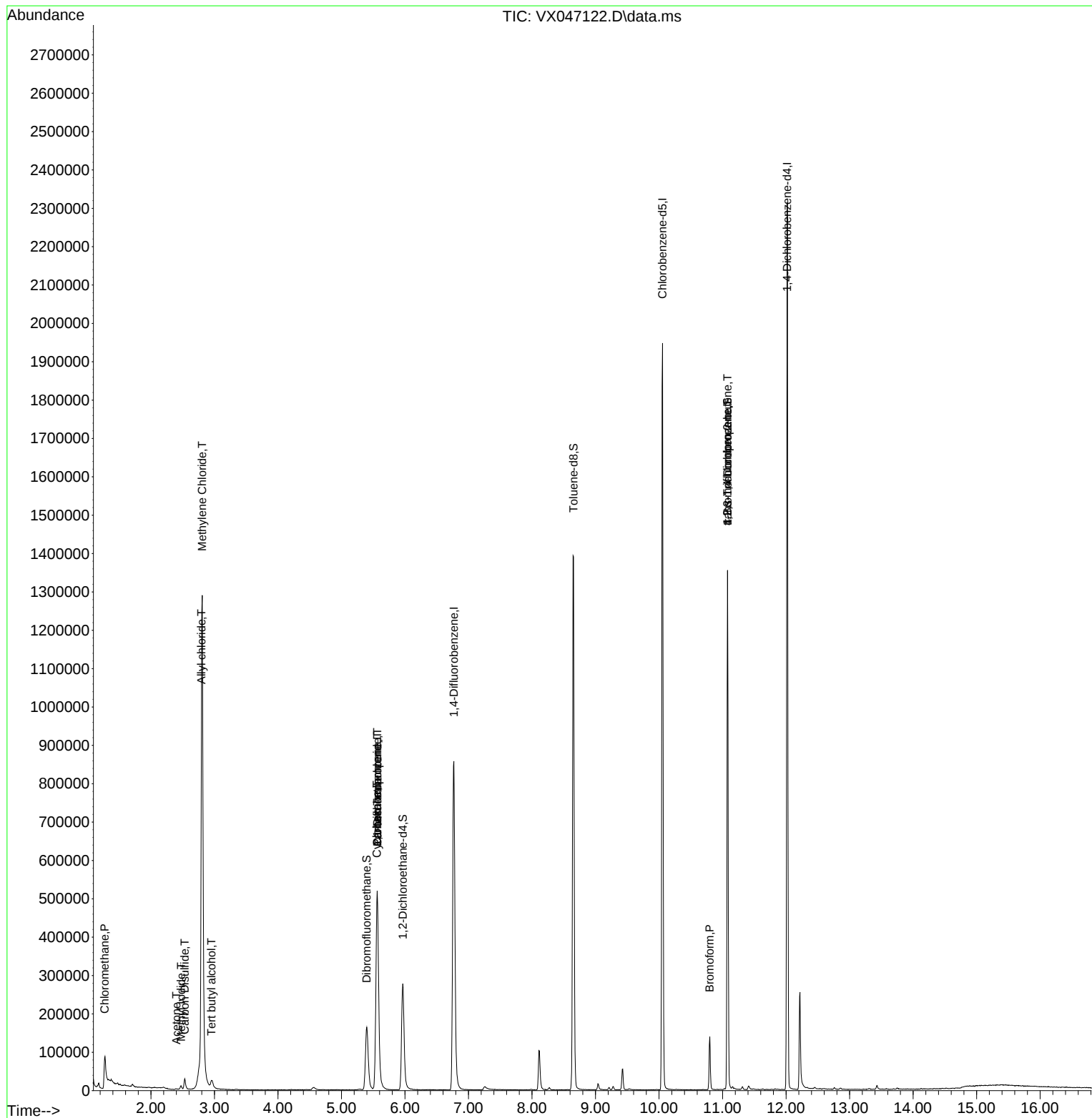
Internal Standards						
1) Pentafluorobenzene	5.562	168	503250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	912608	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	857469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	440518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	292044	46.586	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.180%
35) Dibromofluoromethane	5.397	113	155554	27.606	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	55.220%#
50) Toluene-d8	8.653	98	850076	46.585	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.160%
62) 4-Bromofluorobenzene	11.079	95	351914	44.751	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.500%
Target Compounds						
					Qvalue	
3) Chloromethane	1.270	50	2668	0.404	ug/l #	58
10) Methyl Iodide	2.477	142	11277	1.733	ug/l	91
11) Tert butyl alcohol	2.953	59	16247	12.394	ug/l #	91
14) Allyl chloride	2.794	41	267974	23.440	ug/l #	41
16) Acetone	2.398	43	3095	1.232	ug/l #	87
17) Carbon Disulfide	2.532	76	36282	1.983	ug/l	98
20) Methylene Chloride	2.806	84	624555	90.398	ug/l	99
31) Cyclohexane	5.556	56	11586	0.989	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	42681	4.444	ug/l #	51
38) Carbon Tetrachloride	5.562	117	55841	5.447	ug/l #	15
71) Bromoform	10.799	173	49616	9.658	ug/l #	98
76) 1,2,3-Trichloropropane	11.079	75	186923	22.925	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	186923	59.063	ug/l #	8

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
Data File : VX047122.D
Acq On : 24 Jul 2025 15:54
Operator : JC/MD
Sample : Q2481-20 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 25 01:25:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration



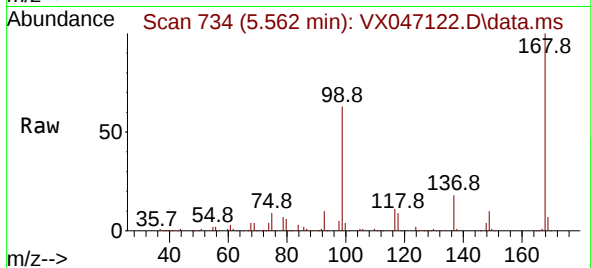


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54

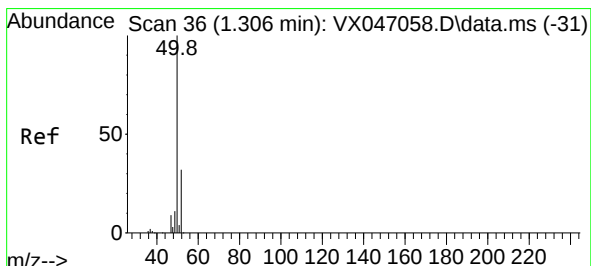
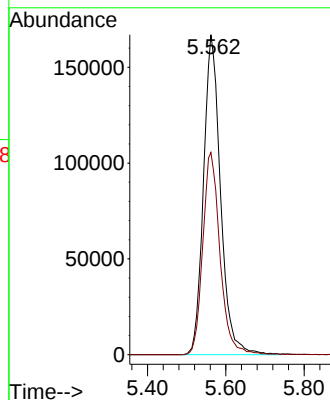
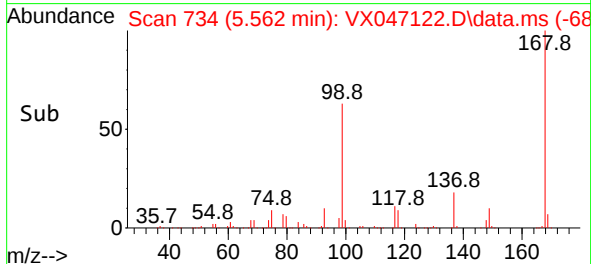
Instrument :

MSVOA_X

ClientSampleId :

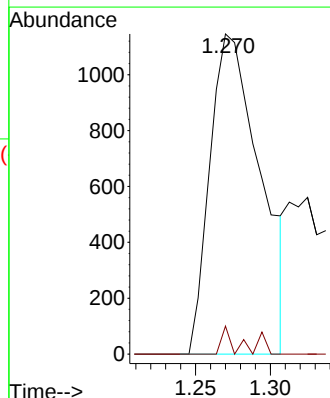
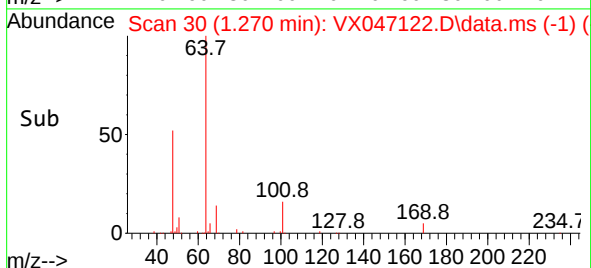
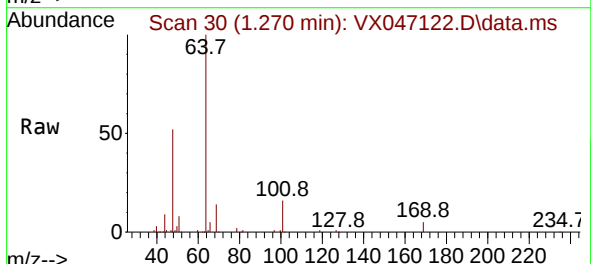


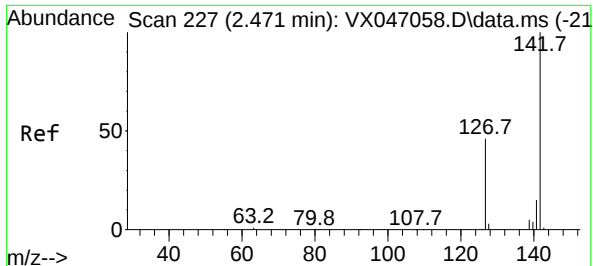
Tgt Ion:168 Resp: 503250
Ion Ratio Lower Upper
168 100
99 63.2 48.0 72.0



#3
Chloromethane
Concen: 0.404 ug/l
RT: 1.270 min Scan# 30
Delta R.T. -0.036 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54

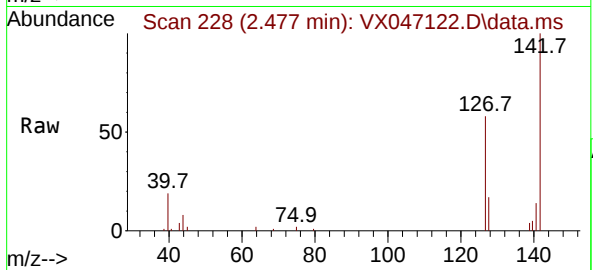
Tgt Ion: 50 Resp: 2668
Ion Ratio Lower Upper
50 100
52 8.7 25.4 38.2#



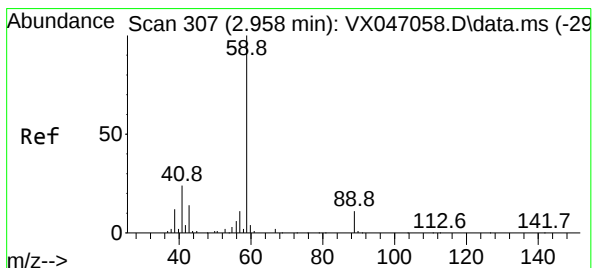
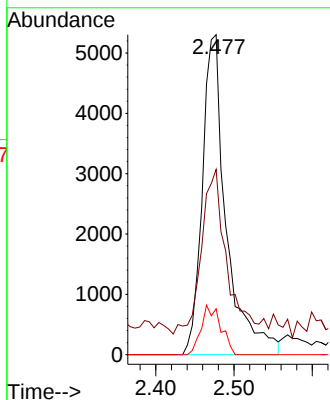
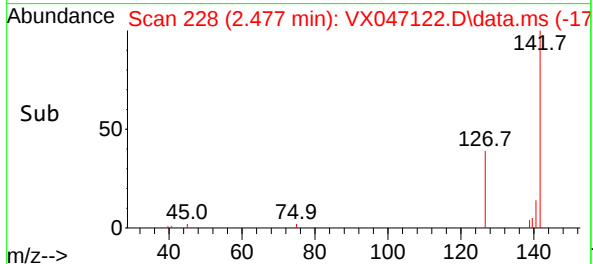


#10
Methyl Iodide
Concen: 1.733 ug/l
RT: 2.477 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54

Instrument :
MSVOA_X
ClientSampleId :

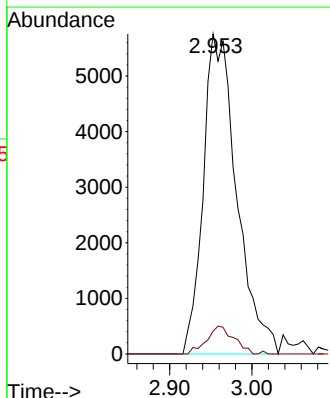
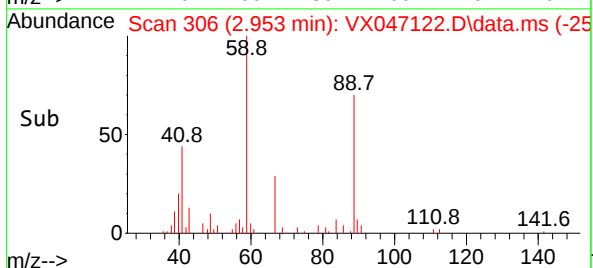
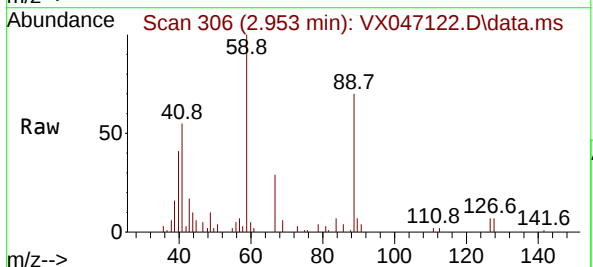


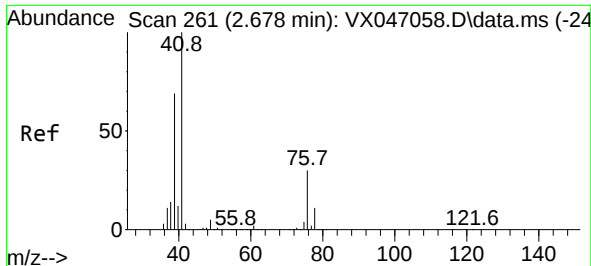
Tgt Ion:142 Resp: 11277
Ion Ratio Lower Upper
142 100
127 53.1 36.6 54.8
141 12.7 10.9 16.3



#11
Tert butyl alcohol
Concen: 12.394 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.005 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54

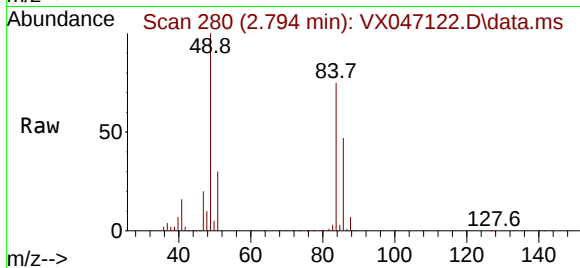
Tgt Ion: 59 Resp: 16247
Ion Ratio Lower Upper
59 100
57 7.0 8.5 12.7#



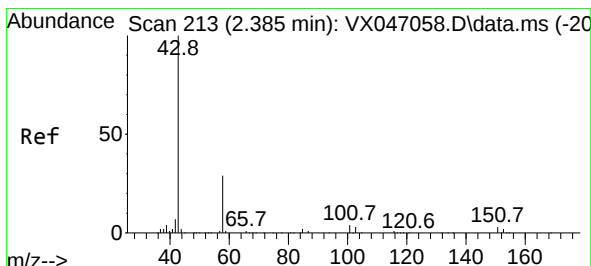
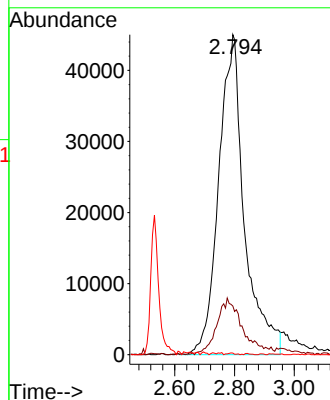
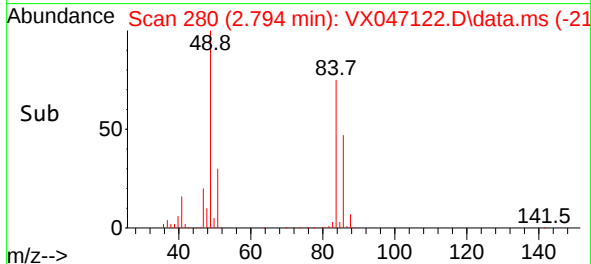


#14
 Allyl chloride
 Concen: 23.440 ug/l
 RT: 2.794 min Scan# 215
 Delta R.T. 0.116 min
 Lab File: VX047122.D
 Acq: 24 Jul 2025 15:54

Instrument :
 MSVOA_X
 ClientSampleId :

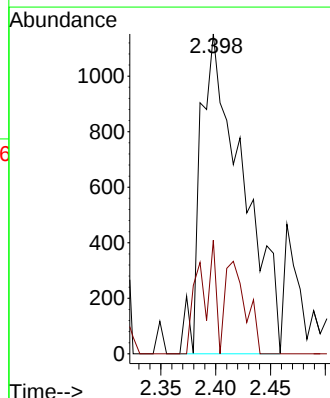
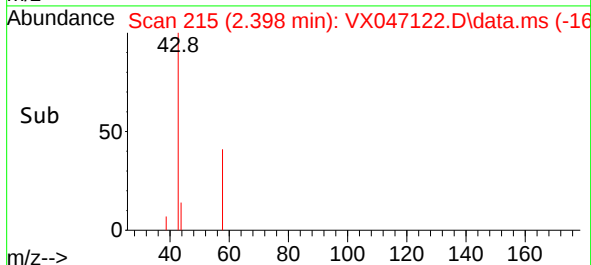
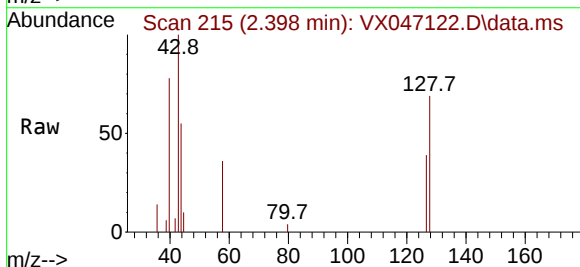


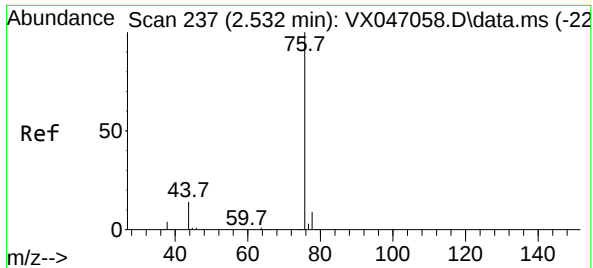
Tgt Ion: 41 Resp: 267974
 Ion Ratio Lower Upper
 41 100
 39 18.0 52.6 78.8#
 76 0.0 25.7 38.5#



#16
 Acetone
 Concen: 1.232 ug/l
 RT: 2.398 min Scan# 215
 Delta R.T. 0.012 min
 Lab File: VX047122.D
 Acq: 24 Jul 2025 15:54

Tgt Ion: 43 Resp: 3095
 Ion Ratio Lower Upper
 43 100
 58 22.9 24.0 36.0#





#17

Carbon Disulfide

Concen: 1.983 ug/l

RT: 2.532 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX047122.D

Acq: 24 Jul 2025 15:54

Instrument :

MSVOA_X

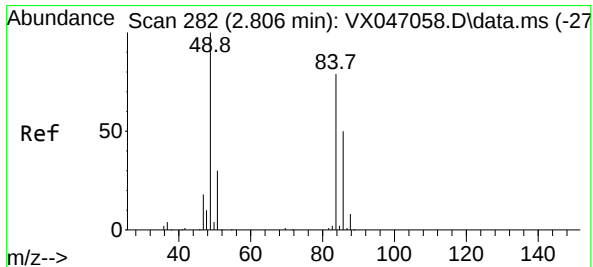
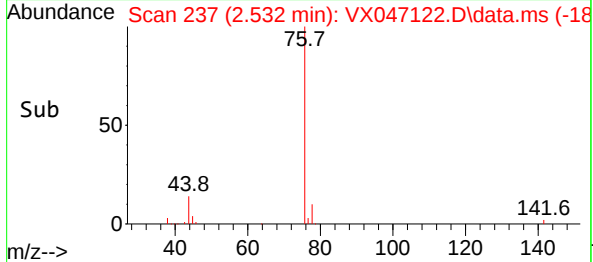
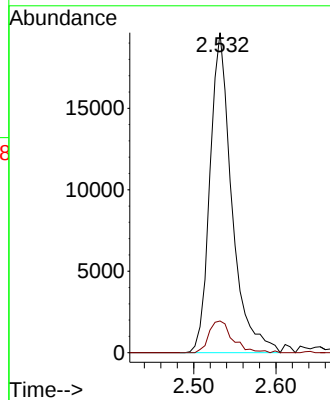
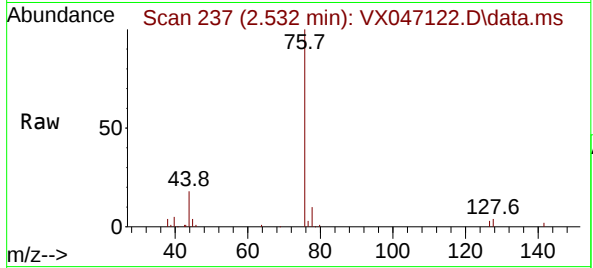
ClientSampleId :

Tgt Ion: 76 Resp: 36282

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.4



#20

Methylene Chloride

Concen: 90.398 ug/l

RT: 2.806 min Scan# 282

Delta R.T. 0.000 min

Lab File: VX047122.D

Acq: 24 Jul 2025 15:54

Tgt Ion: 84 Resp: 624555

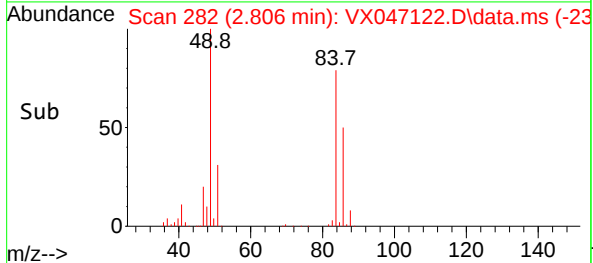
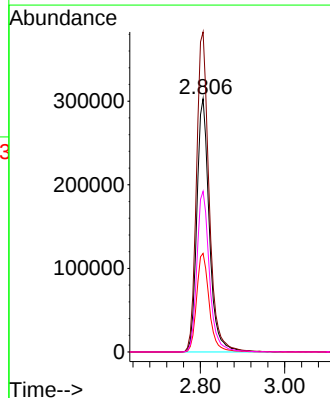
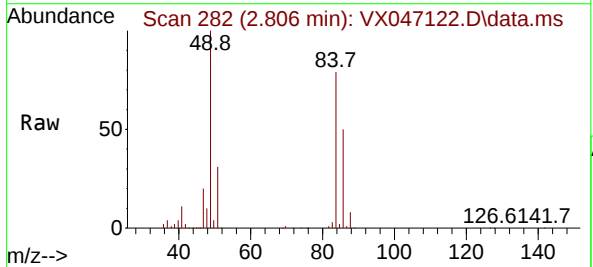
Ion Ratio Lower Upper

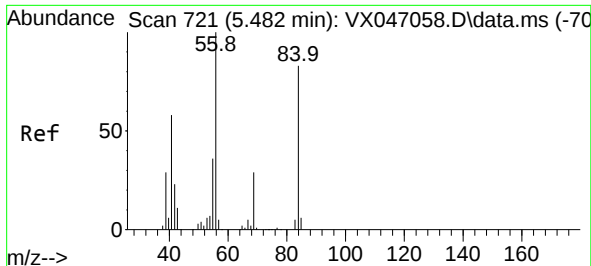
84 100

49 126.3 101.6 152.4

51 38.9 30.3 45.5

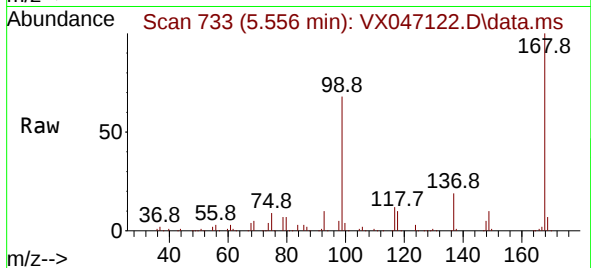
86 63.4 50.6 75.8



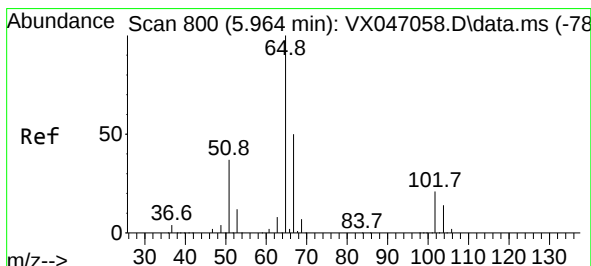
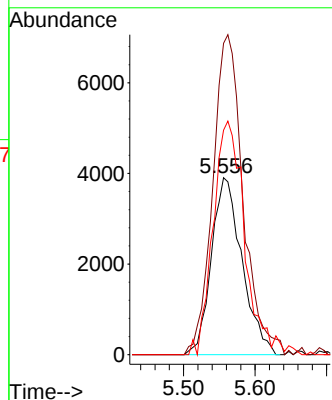
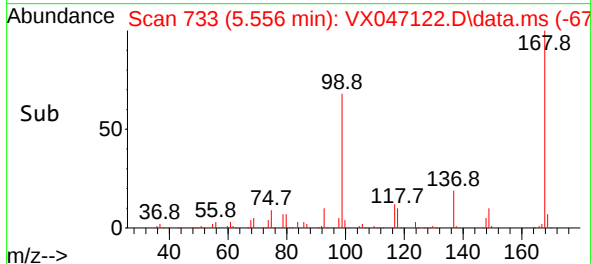


#31
Cyclohexane
Concen: 0.989 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54

Instrument :
MSVOA_X
ClientSampleId :

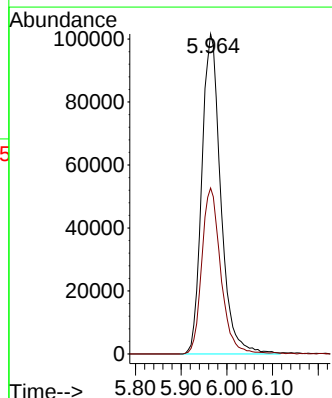
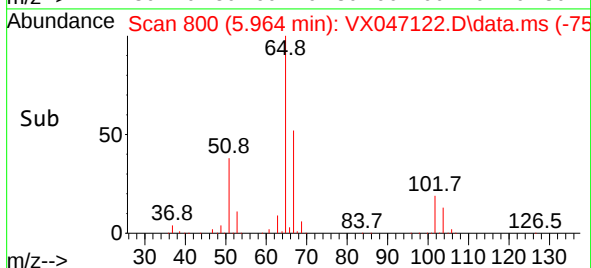
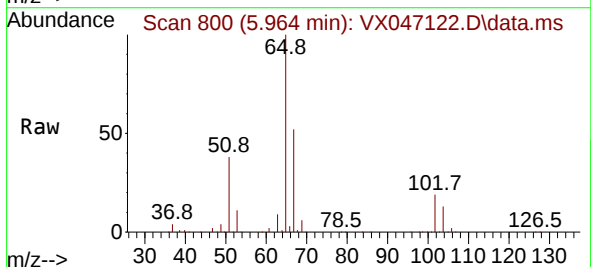


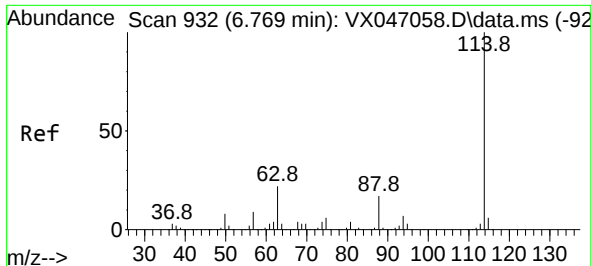
Tgt Ion: 56 Resp: 11586
Ion Ratio Lower Upper
56 100
69 175.9 23.3 34.9#
84 126.8 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 46.586 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54

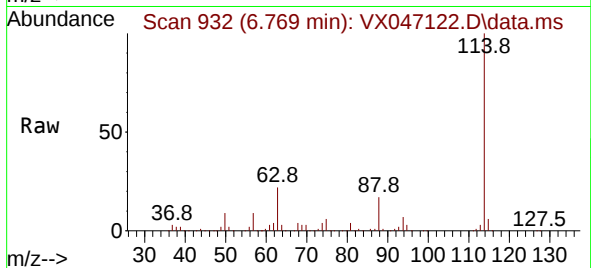
Tgt Ion: 65 Resp: 292044
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8



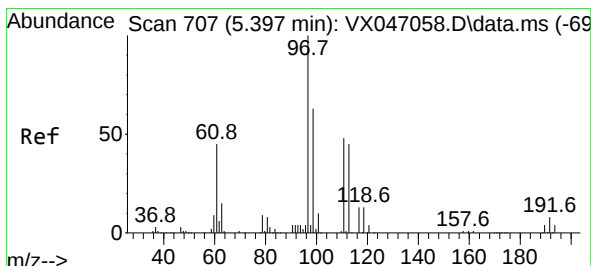
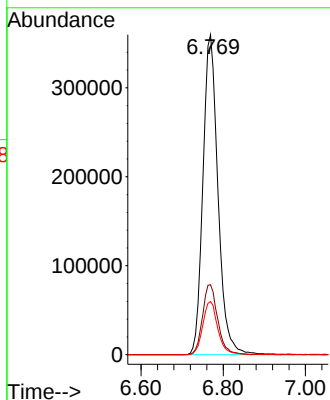
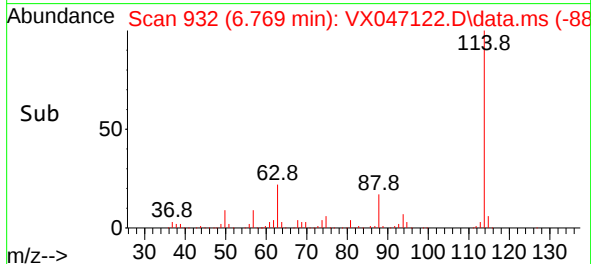


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 912
Delta R.T. 0.000 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54

Instrument :
MSVOA_X
ClientSampleId :

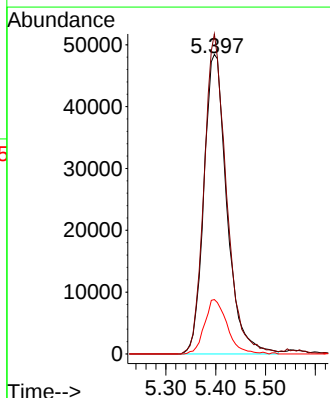
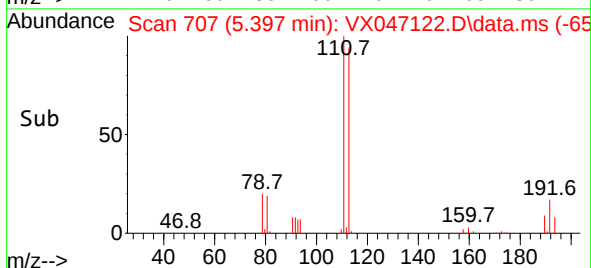
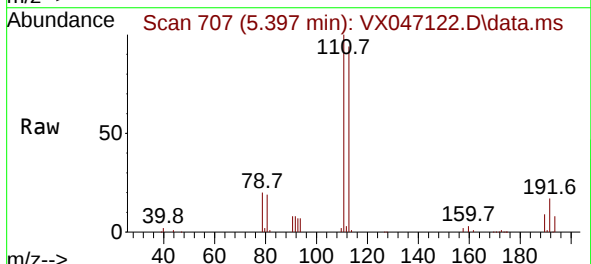


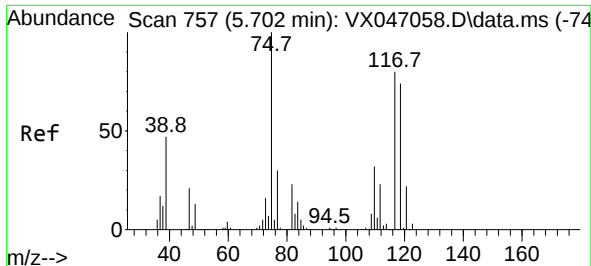
Tgt Ion:114 Resp: 912608
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.2
88 16.6 0.0 33.8



#35
Dibromofluoromethane
Concen: 27.606 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54

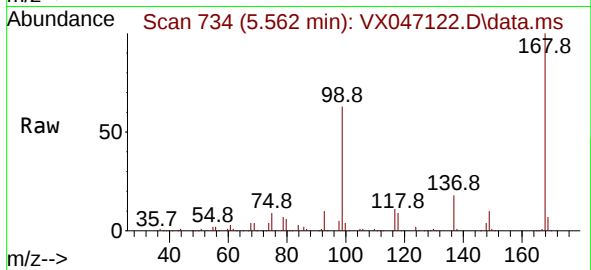
Tgt Ion:113 Resp: 155554
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 17.9 14.9 22.3



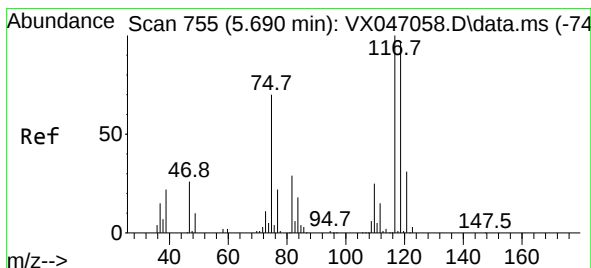
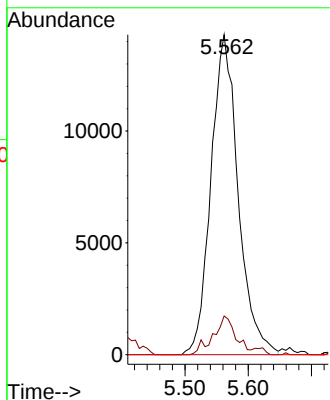
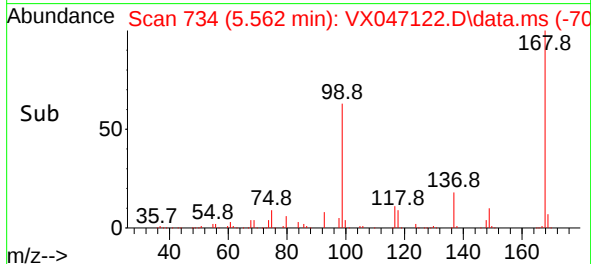


#36
1,1-Dichloropropene
Concen: 4.444 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54

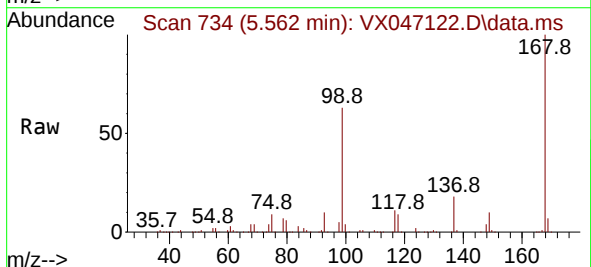
Instrument :
MSVOA_X
ClientSampleId :



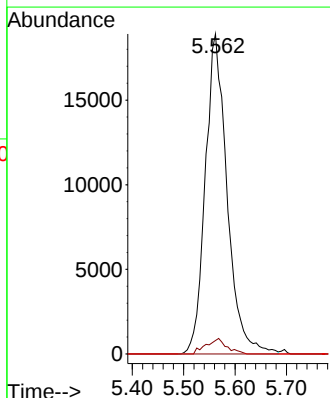
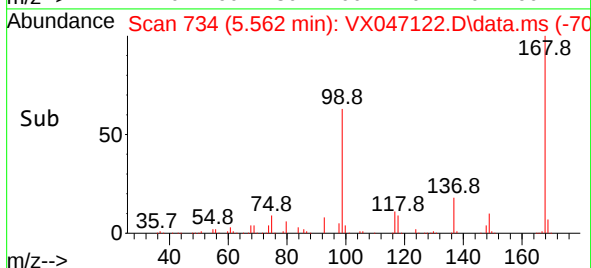
Tgt Ion: 75 Resp: 42681
Ion Ratio Lower Upper
75 100
110 10.0 17.2 51.5#
77 0.0 25.1 37.7#

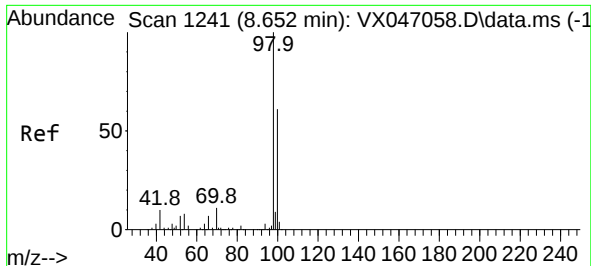


#38
Carbon Tetrachloride
Concen: 5.447 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54



Tgt Ion: 117 Resp: 55841
Ion Ratio Lower Upper
117 100
119 4.2 76.6 115.0#
121 0.0 24.4 36.6#

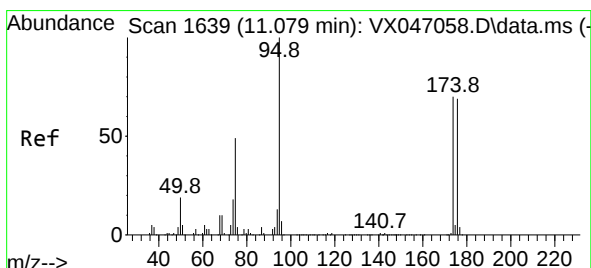
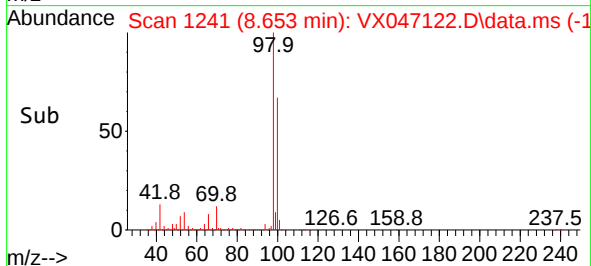
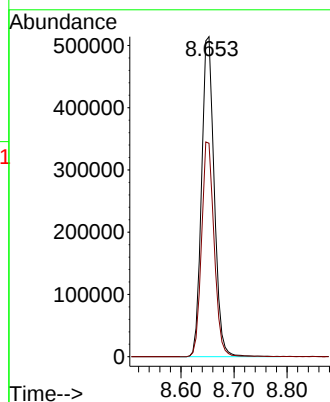
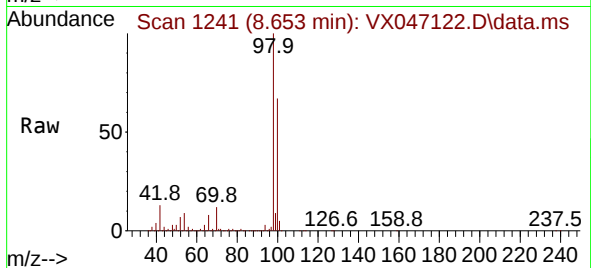




#50
Toluene-d8
Concen: 46.585 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54

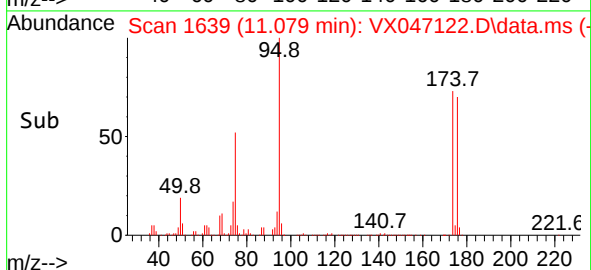
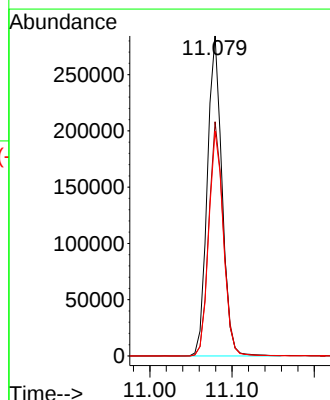
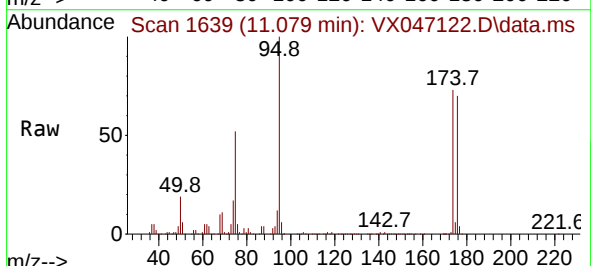
Instrument :
MSVOA_X
ClientSampleId :

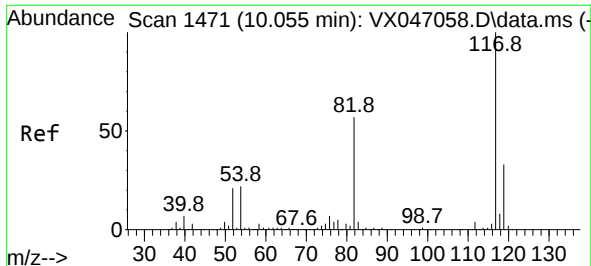
Tgt Ion: 98 Resp: 850076
Ion Ratio Lower Upper
98 100
100 67.0 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 44.751 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54

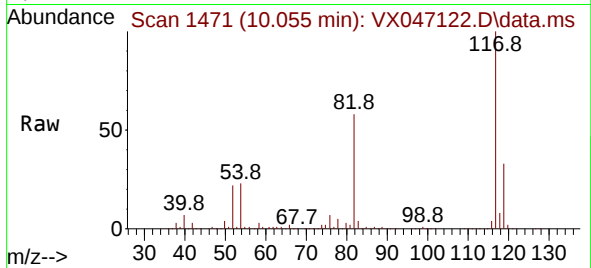
Tgt Ion: 95 Resp: 351914
Ion Ratio Lower Upper
95 100
174 72.8 0.0 144.6
176 70.2 0.0 139.6



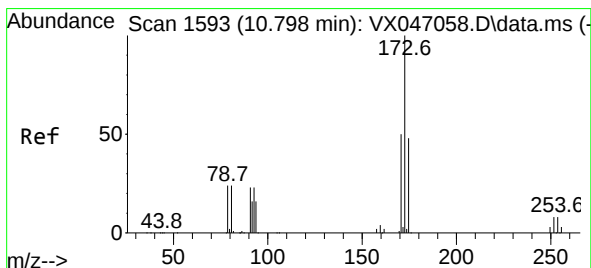
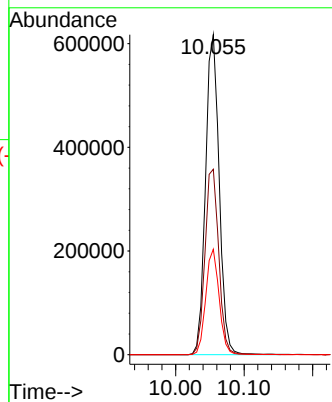
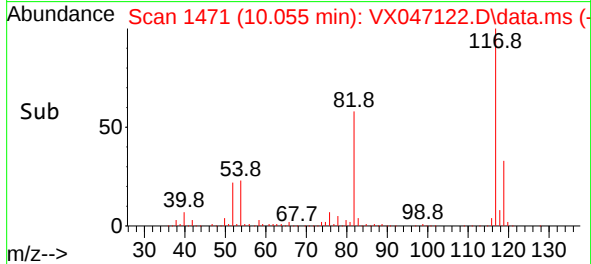


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54

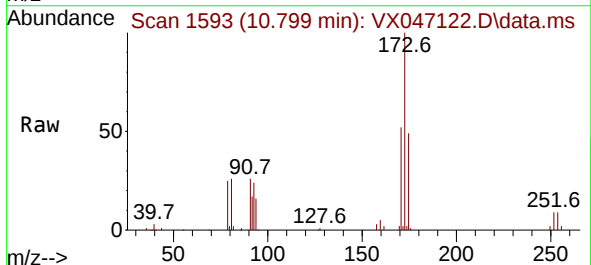
Instrument :
MSVOA_X
ClientSampleId :



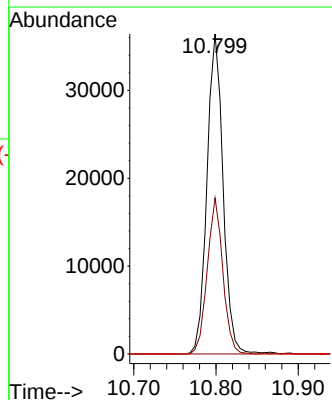
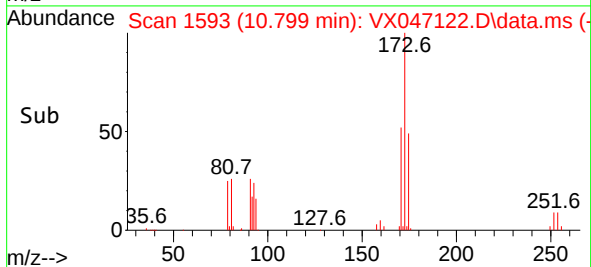
Tgt Ion:117 Resp: 857469
Ion Ratio Lower Upper
117 100
82 58.0 45.4 68.2
119 33.0 26.1 39.1

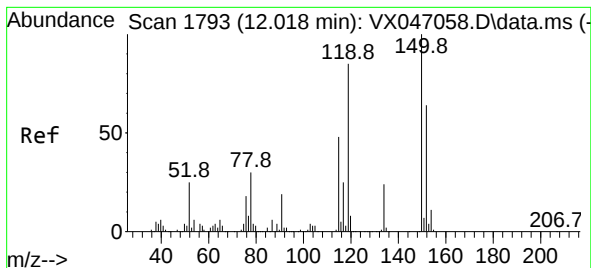


#71
Bromoform
Concen: 9.658 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54



Tgt Ion:173 Resp: 49616
Ion Ratio Lower Upper
173 100
175 47.0 24.2 72.6
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. 0.000 min

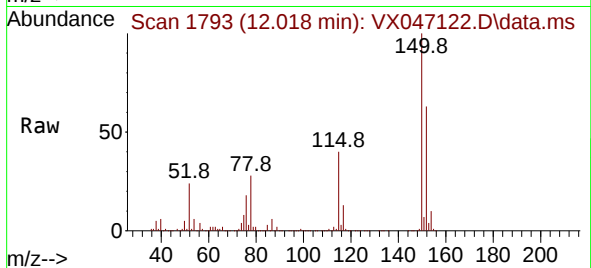
Lab File: VX047122.D

Acq: 24 Jul 2025 15:54

Instrument :

MSVOA_X

ClientSampleId :



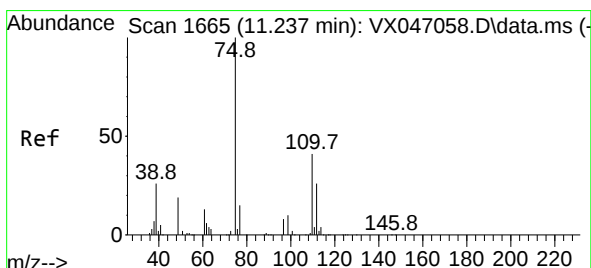
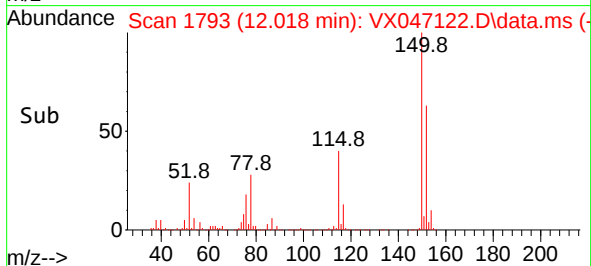
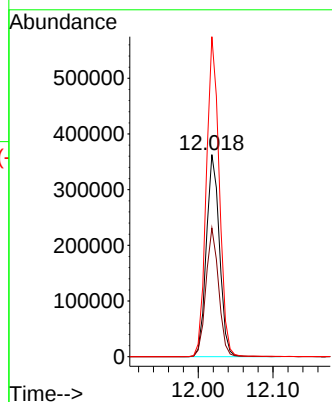
Tgt Ion:152 Resp: 440518

Ion Ratio Lower Upper

152 100

115 61.8 45.6 136.7

150 156.8 0.0 354.6



#76

1,2,3-Trichloropropane

Concen: 22.925 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX047122.D

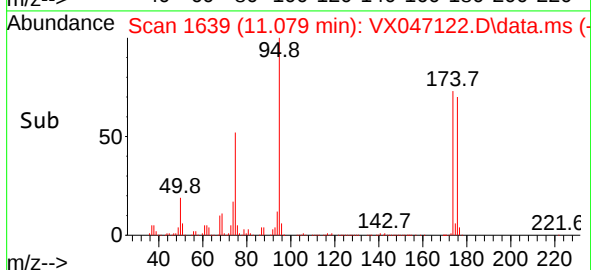
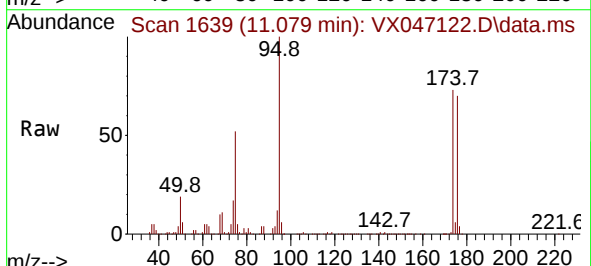
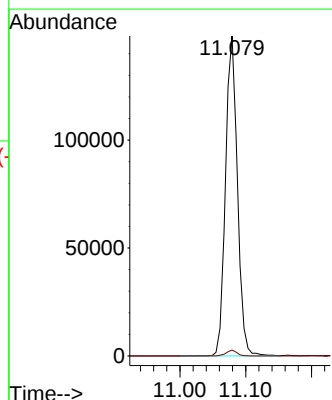
Acq: 24 Jul 2025 15:54

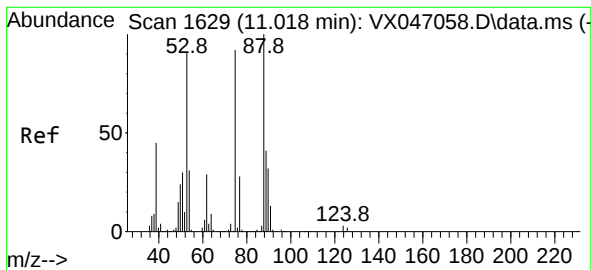
Tgt Ion: 75 Resp: 186923

Ion Ratio Lower Upper

75 100

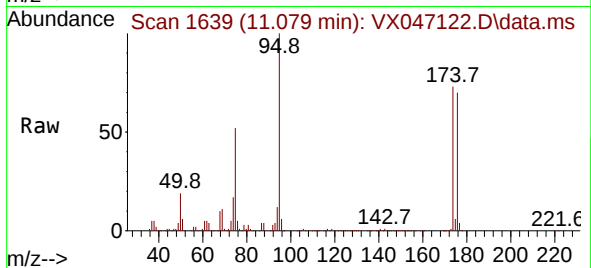
77 1.7 21.6 65.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.063 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX047122.D
 Acq: 24 Jul 2025 15:54

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 186923
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.2 126.4#
 89 0.0 36.0 54.0#

