

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046948.D
 Acq On : 10 Jul 2025 16:30
 Operator : JC/MD
 Sample : Q2517-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-14

Quant Time: Jul 11 01:33:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

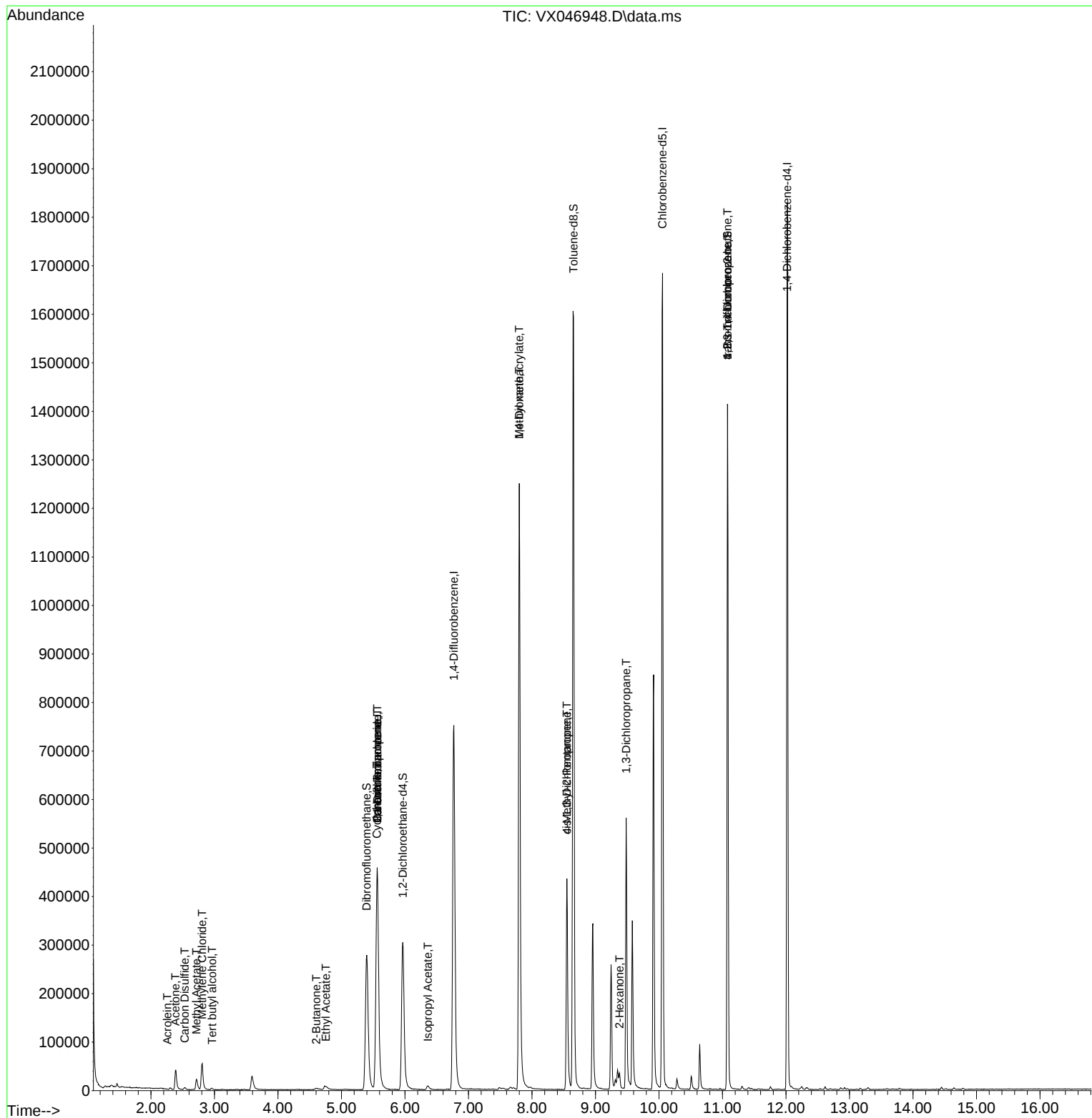
Internal Standards						
1) Pentafluorobenzene	5.562	168	467382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	825331	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	753461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	369959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.965	65	317897	51.485	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.960%
35) Dibromofluoromethane	5.398	113	268539	47.933	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.860%
50) Toluene-d8	8.653	98	989311	50.050	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.100%
62) 4-Bromofluorobenzene	11.079	95	376225	50.081	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.160%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	461	1.138	ug/l #	72
13) Acrolein	2.258	56	88	3.029	ug/l #	15
16) Acetone	2.386	43	50520	26.341	ug/l	96
17) Carbon Disulfide	2.532	76	4549	0.342	ug/l	96
18) Methyl Acetate	2.715	43	32589	6.447	ug/l	98
20) Methylene Chloride	2.807	84	26797	4.725	ug/l	99
25) 2-Butanone	4.605	43	6272	2.451	ug/l	94
31) Cyclohexane	5.556	56	9775	1.108	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	36783	4.866	ug/l #	42
37) Ethyl Acetate	4.751	43	19455	3.022	ug/l #	86
38) Carbon Tetrachloride	5.562	117	47957	6.001	ug/l #	15
43) Isopropyl Acetate	6.361	43	13136	1.332	ug/l #	89
48) Methyl methacrylate	7.800	41	114524	22.492	ug/l #	43
49) 1,4-Dioxane	7.800	88	79	1.339	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	159064	27.332	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	73489	8.442	ug/l #	71
57) 1,3-Dichloropropane	9.482	76	4805	0.529	ug/l #	44
59) 2-Hexanone	9.379	43	31660	8.202	ug/l #	24
76) 1,2,3-Trichloropropane	11.079	75	190044	33.246	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	190044	89.214	ug/l #	8

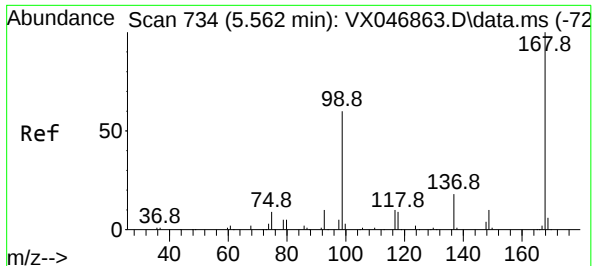
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046948.D
Acq On : 10 Jul 2025 16:30
Operator : JC/MD
Sample : Q2517-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-14

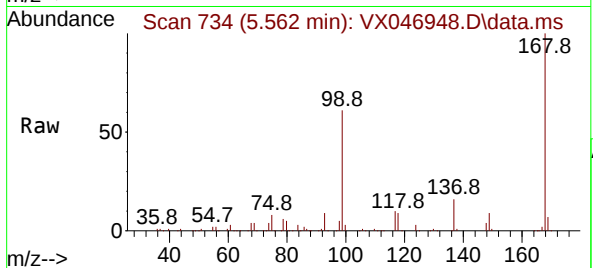
Quant Time: Jul 11 01:33:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



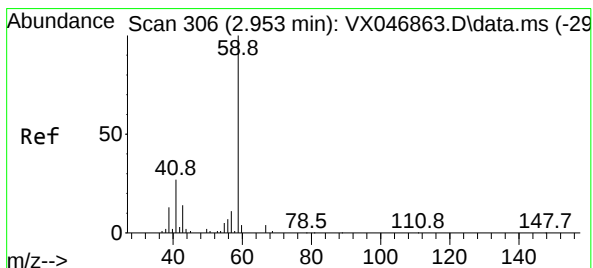
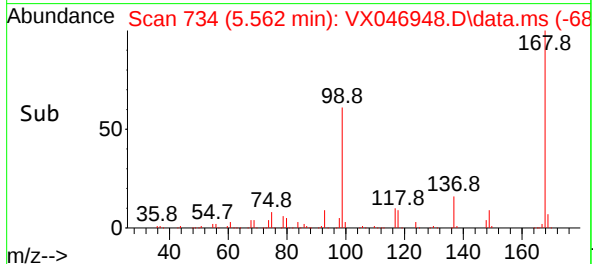
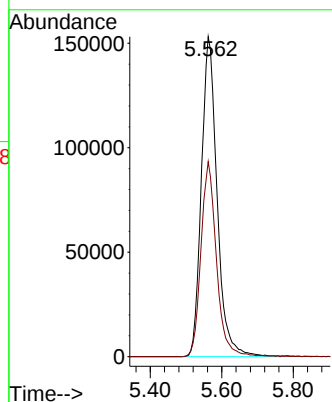


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

Instrument :
MSVOA_X
ClientSampleId :
TP-14

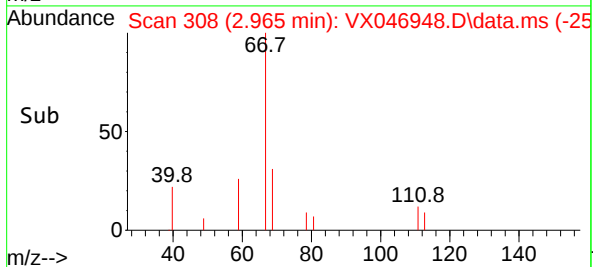
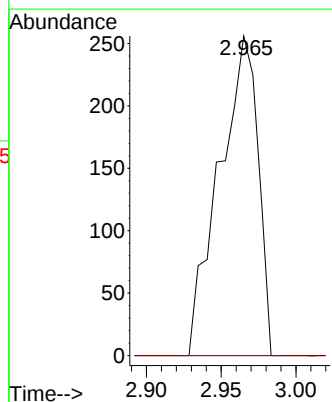
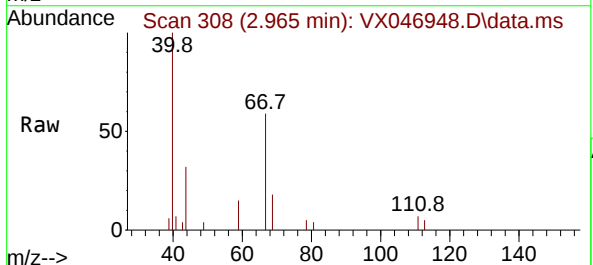


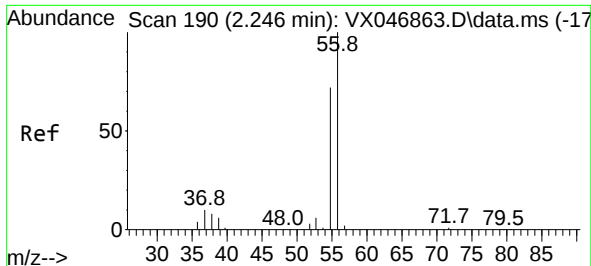
Tgt Ion:168 Resp: 467382
Ion Ratio Lower Upper
168 100
99 61.0 48.8 73.2



#11
Tert butyl alcohol
Concen: 1.138 ug/l
RT: 2.965 min Scan# 308
Delta R.T. 0.012 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

Tgt Ion: 59 Resp: 461
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#





#13

Acrolein

Concen: 3.029 ug/l

RT: 2.258 min Scan# 190

Delta R.T. 0.012 min

Lab File: VX046948.D

Acq: 10 Jul 2025 16:30

Instrument :

MSVOA_X

ClientSampleId :

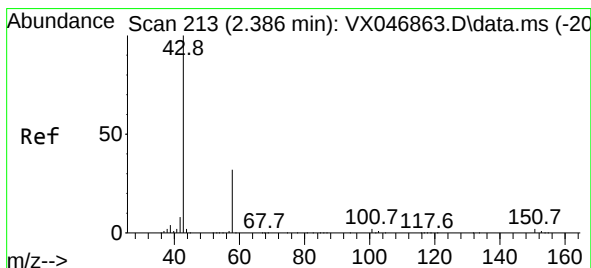
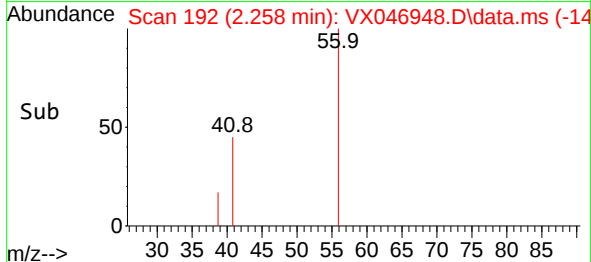
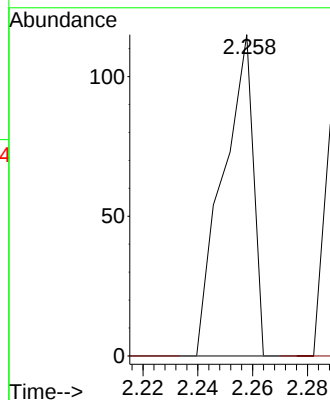
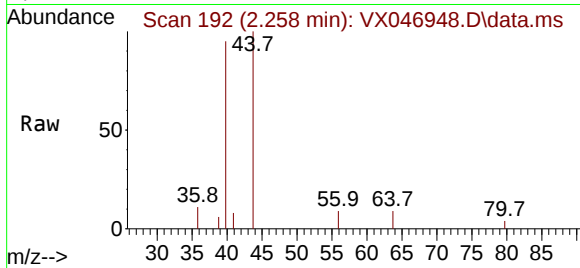
TP-14

Tgt Ion: 56 Resp: 88

Ion Ratio Lower Upper

56 100

55 0.0 55.5 83.3#



#16

Acetone

Concen: 26.341 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX046948.D

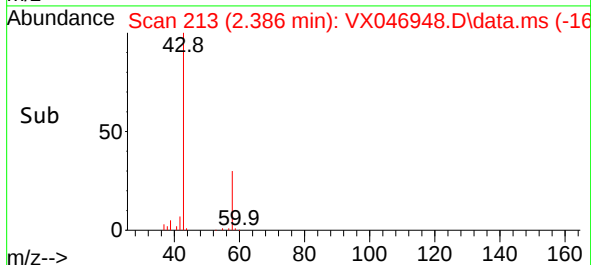
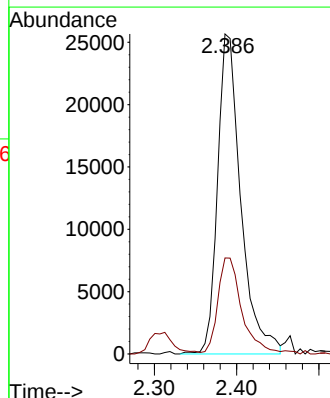
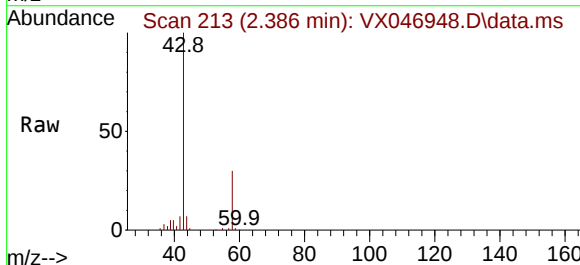
Acq: 10 Jul 2025 16:30

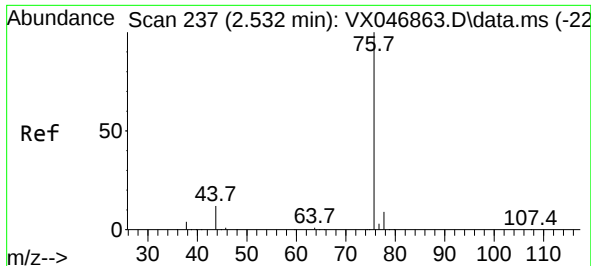
Tgt Ion: 43 Resp: 50520

Ion Ratio Lower Upper

43 100

58 30.2 25.8 38.6

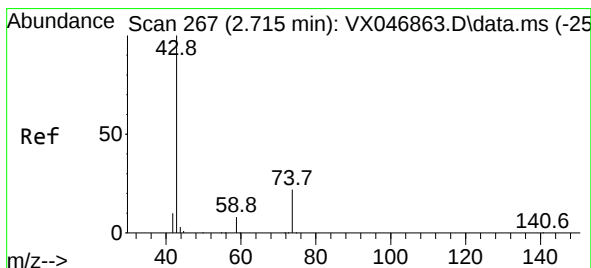
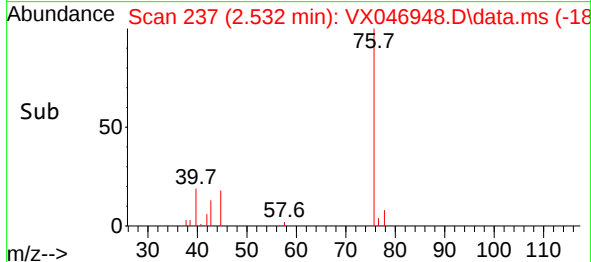
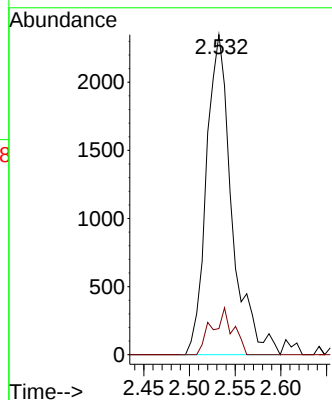
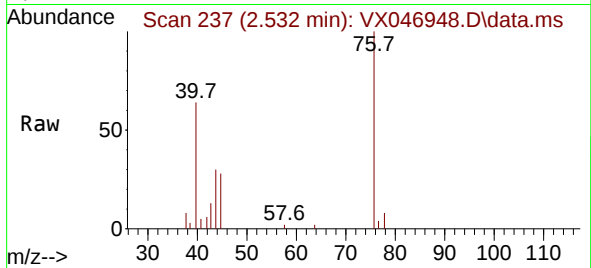




#17
Carbon Disulfide
Concen: 0.342 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

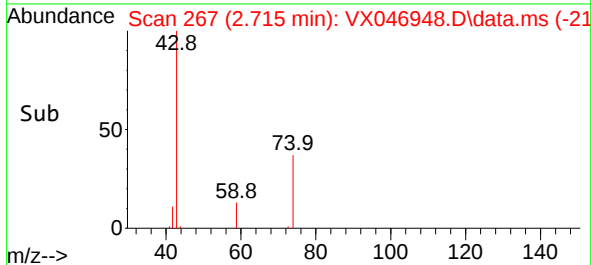
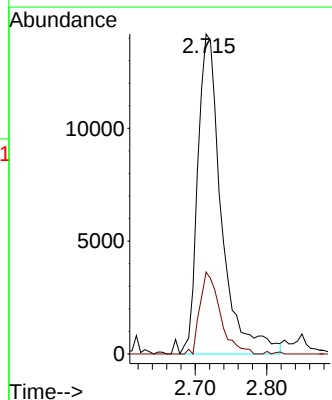
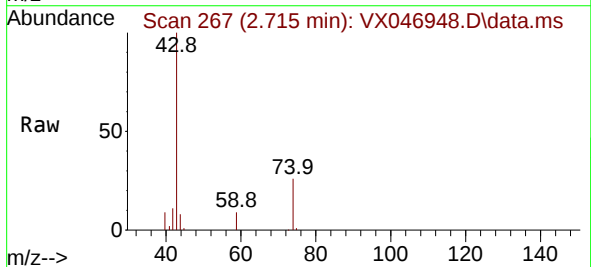
Instrument :
MSVOA_X
ClientSampleId :
TP-14

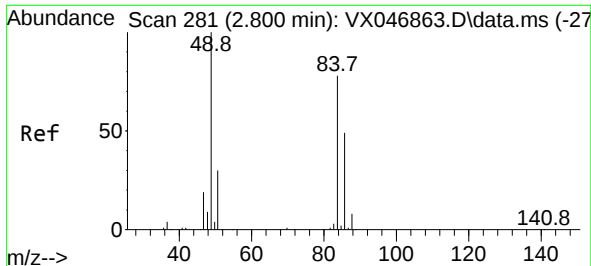
Tgt Ion: 76 Resp: 4549
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.2



#18
Methyl Acetate
Concen: 6.447 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

Tgt Ion: 43 Resp: 32589
Ion Ratio Lower Upper
43 100
74 21.9 18.3 27.5

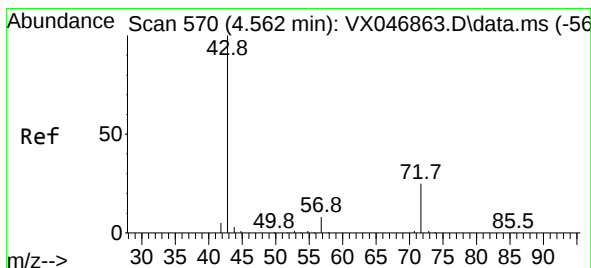
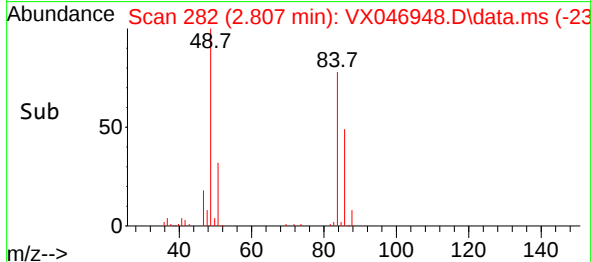
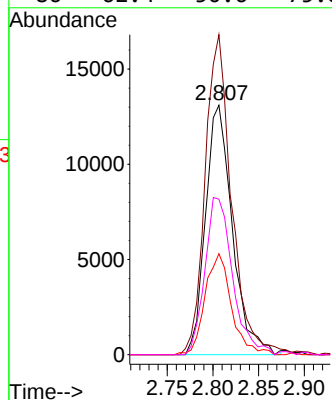
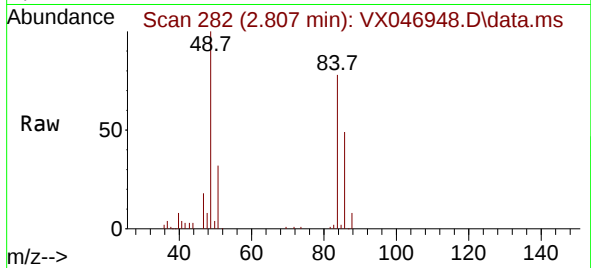




#20
Methylene Chloride
Concen: 4.725 ug/l
RT: 2.807 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

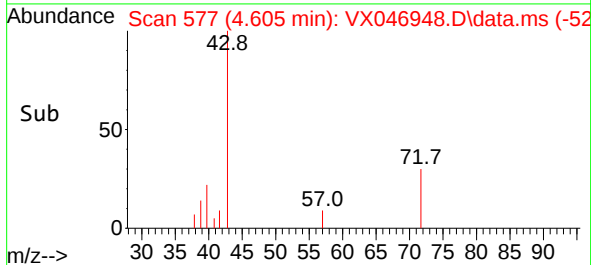
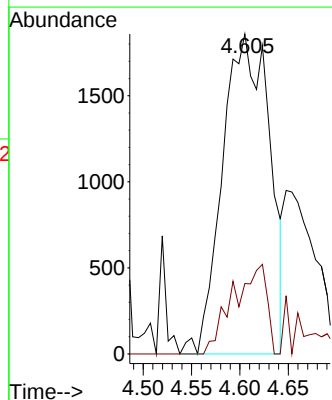
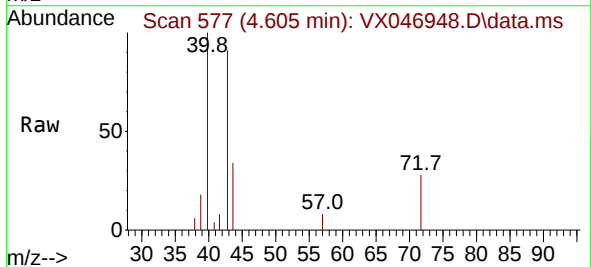
Instrument :
MSVOA_X
ClientSampleId :
TP-14

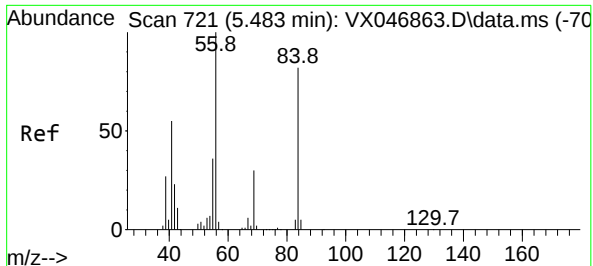
Tgt Ion:	84	Resp:	26797
Ion	Ratio	Lower	Upper
84	100		
49	128.3	102.8	154.2
51	40.5	31.1	46.7
86	62.4	50.6	75.8



#25
2-Butanone
Concen: 2.451 ug/l
RT: 4.605 min Scan# 577
Delta R.T. 0.043 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

Tgt Ion:	43	Resp:	6272
Ion	Ratio	Lower	Upper
43	100		
72	22.0	20.0	30.0

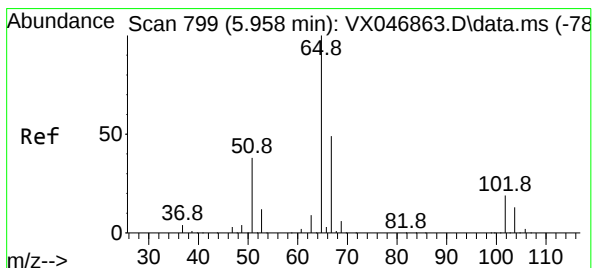
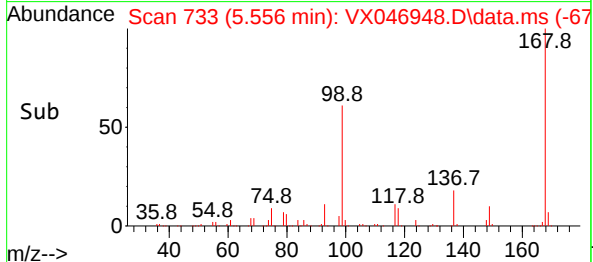
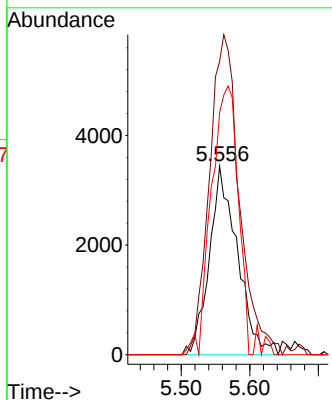
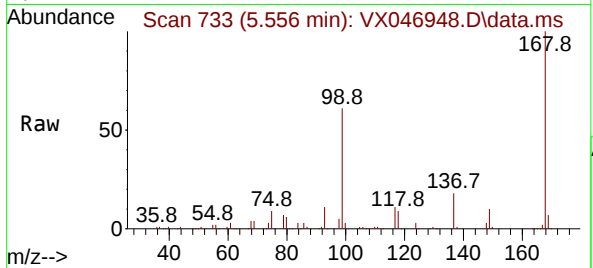




#31
Cyclohexane
Concen: 1.108 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

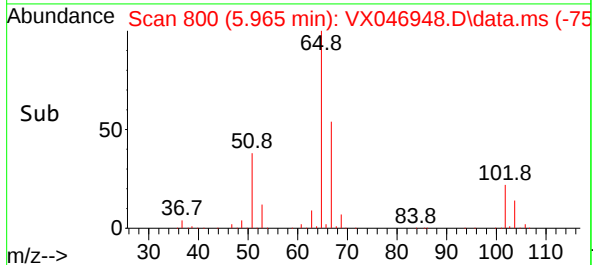
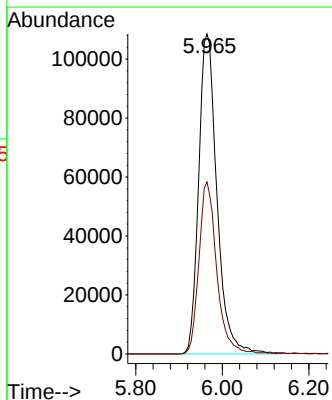
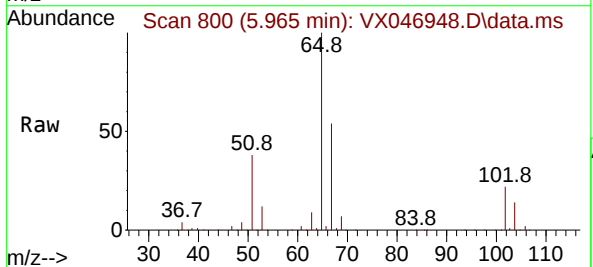
Instrument :
MSVOA_X
ClientSampleId :
TP-14

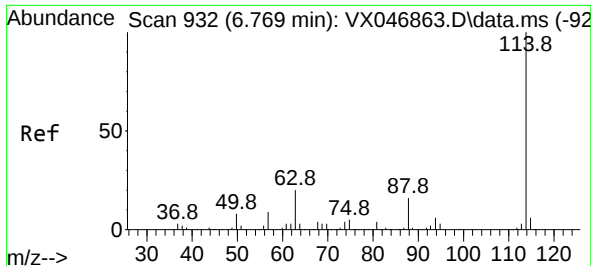
Tgt Ion: 56 Resp: 9775
Ion Ratio Lower Upper
56 100
69 155.6 24.0 36.0#
84 128.6 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 51.485 ug/l
RT: 5.965 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

Tgt Ion: 65 Resp: 317897
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.2

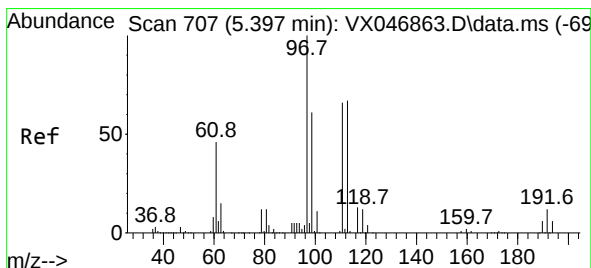
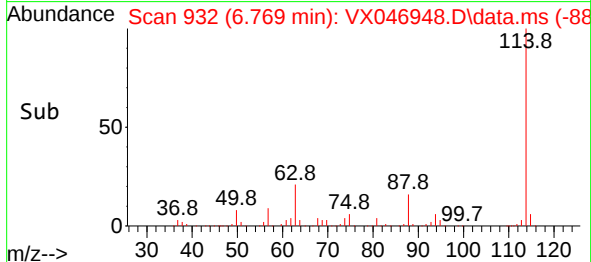
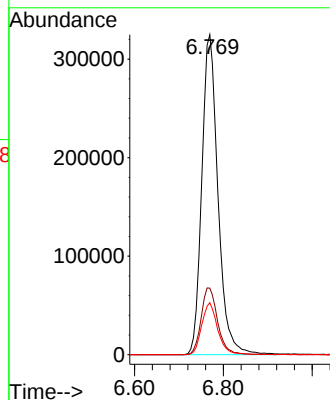
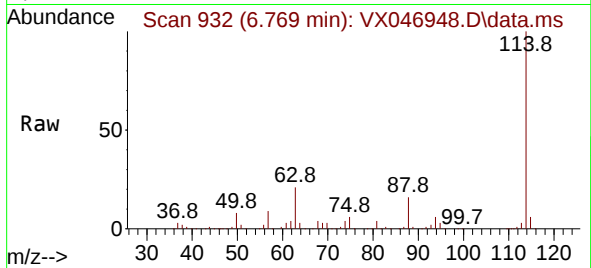




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

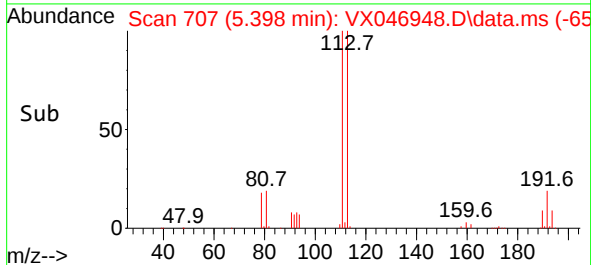
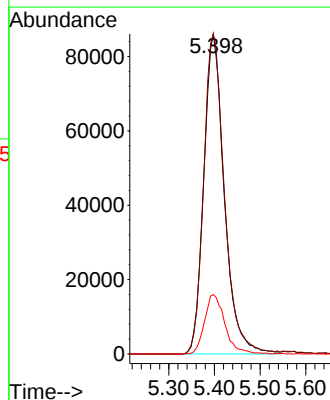
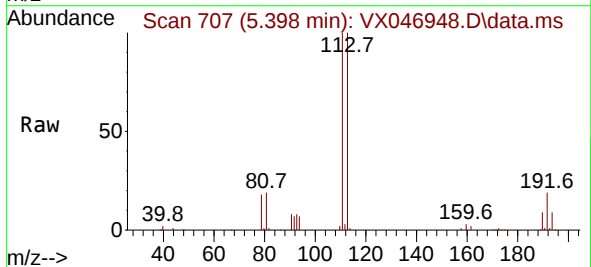
Instrument :
MSVOA_X
ClientSampleId :
TP-14

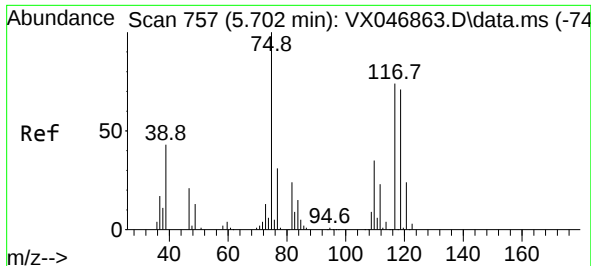
Tgt Ion:114 Resp: 825331
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.4
88 16.2 0.0 31.0



#35
Dibromofluoromethane
Concen: 47.933 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

Tgt Ion:113 Resp: 268539
Ion Ratio Lower Upper
113 100
111 101.3 81.2 121.8
192 18.4 15.3 22.9

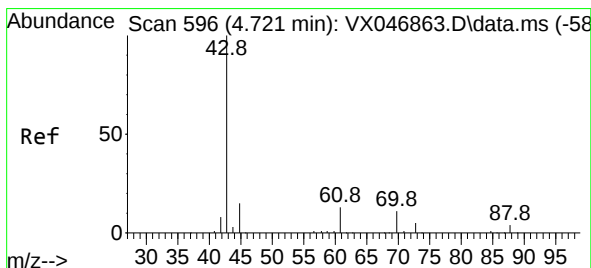
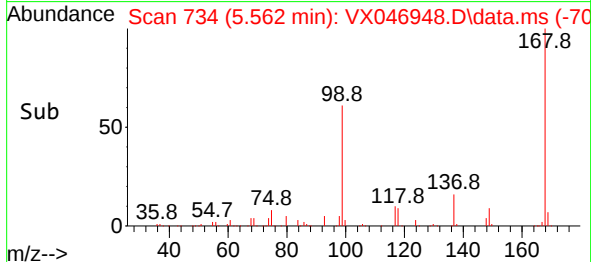
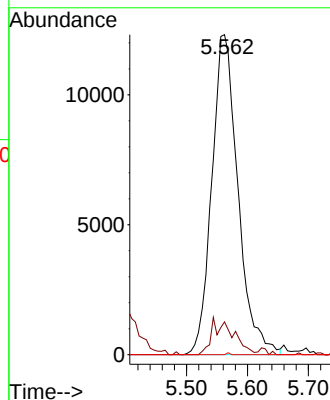
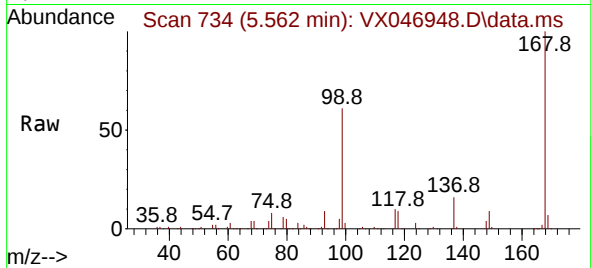




#36
1,1-Dichloropropene
Concen: 4.866 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

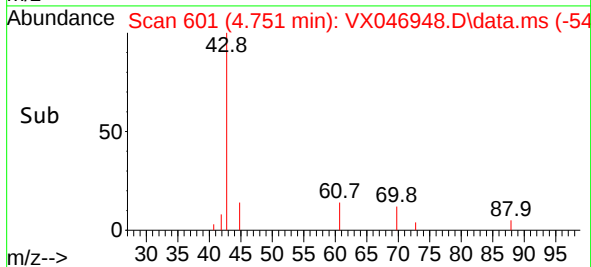
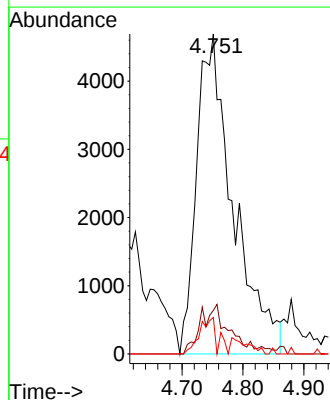
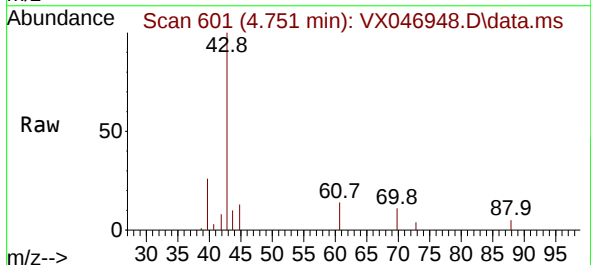
Instrument :
MSVOA_X
ClientSampleId :
TP-14

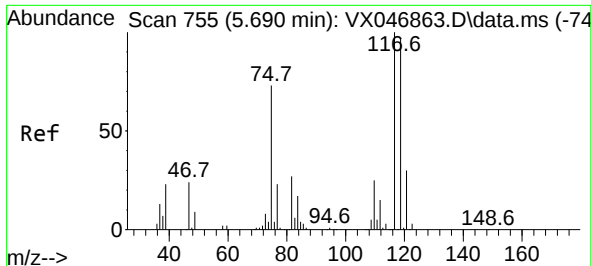
Tgt Ion: 75 Resp: 36783
Ion Ratio Lower Upper
75 100
110 0.0 17.3 51.9#
77 0.1 24.2 36.4#



#37
Ethyl Acetate
Concen: 3.022 ug/l
RT: 4.751 min Scan# 601
Delta R.T. 0.031 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

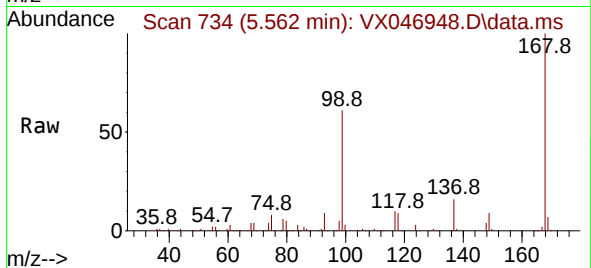
Tgt Ion: 43 Resp: 19455
Ion Ratio Lower Upper
43 100
61 6.4 9.7 14.5#
70 5.6 8.3 12.5#



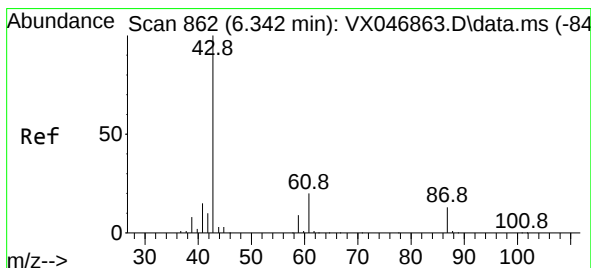
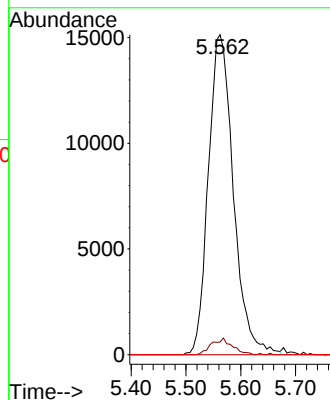
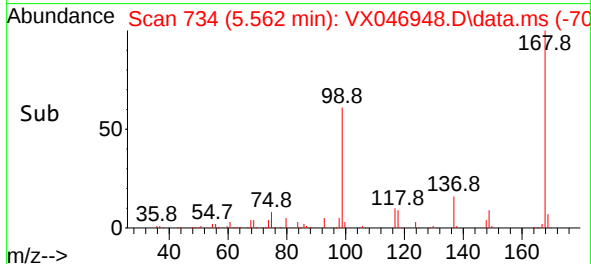


#38
Carbon Tetrachloride
Concen: 6.001 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.128 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

Instrument :
MSVOA_X
ClientSampleId :
TP-14

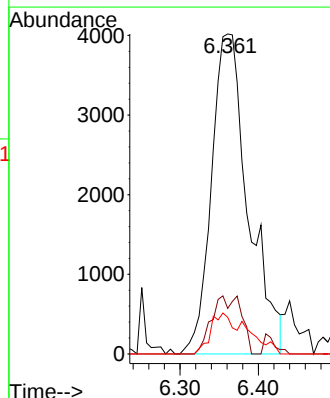
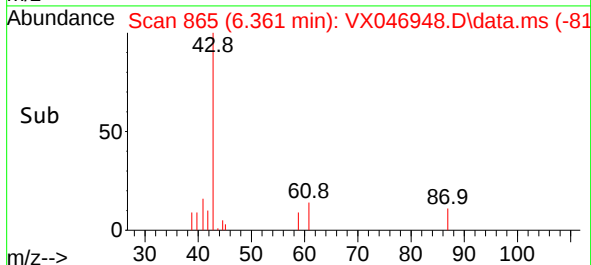
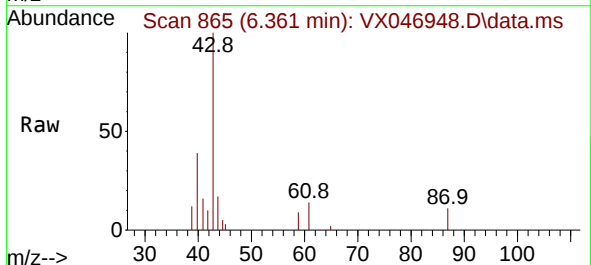


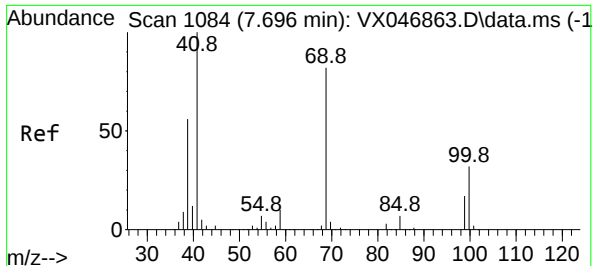
Tgt Ion:117 Resp: 47957
Ion Ratio Lower Upper
117 100
119 4.0 76.6 114.8#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: 1.332 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.018 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

Tgt Ion: 43 Resp: 13136
Ion Ratio Lower Upper
43 100
61 14.6 15.7 23.5#
87 7.9 10.1 15.1#

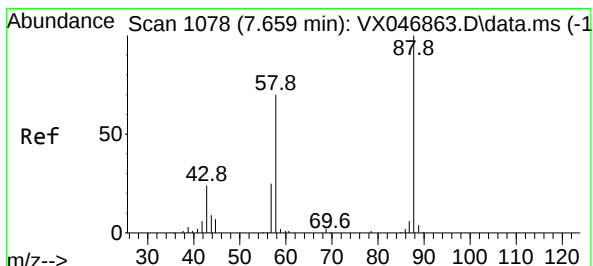
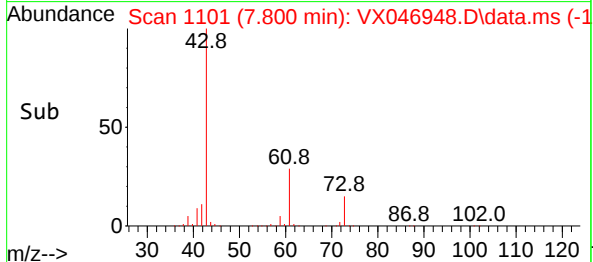
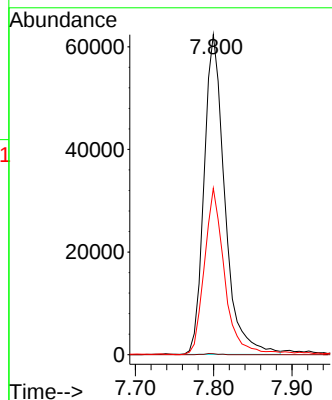
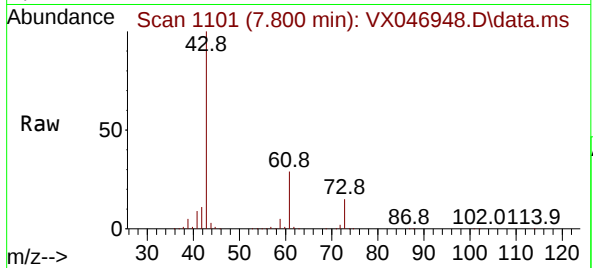




#48
Methyl methacrylate
Concen: 22.492 ug/l
RT: 7.800 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

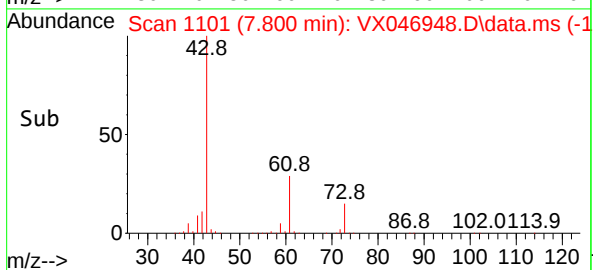
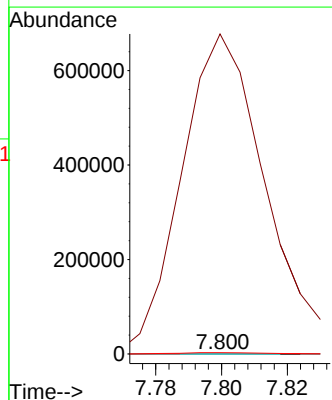
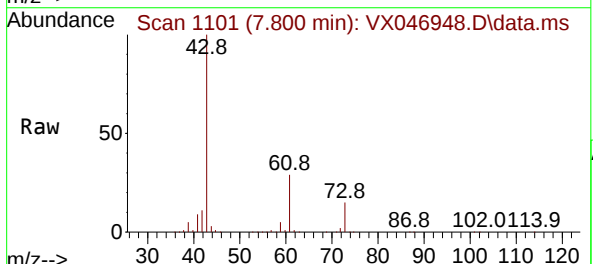
Instrument :
MSVOA_X
ClientSampleId :
TP-14

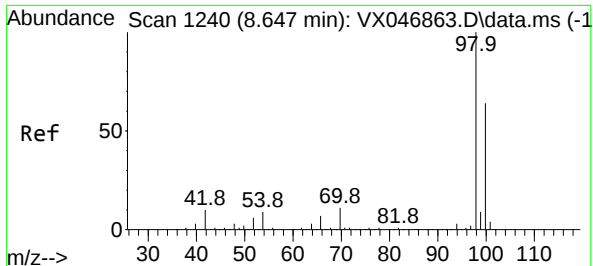
Tgt Ion: 41 Resp: 114524
Ion Ratio Lower Upper
41 100
69 0.2 65.8 98.8#
39 51.1 43.8 65.6



#49
1,4-Dioxane
Concen: 1.339 ug/l
RT: 7.800 min Scan# 1101
Delta R.T. 0.140 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

Tgt Ion: 88 Resp: 79
Ion Ratio Lower Upper
88 100
43 1599641.8 31.7 47.5#
58 7082.3 57.5 86.3#

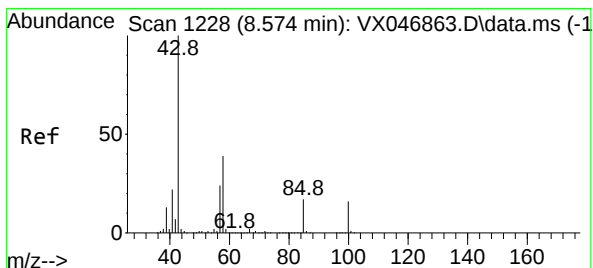
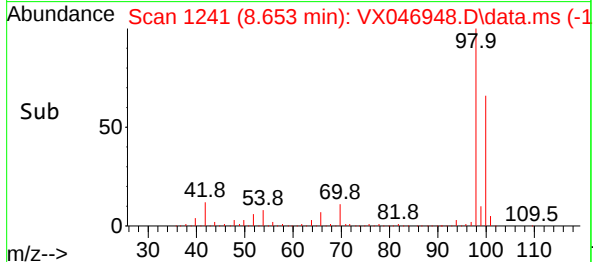
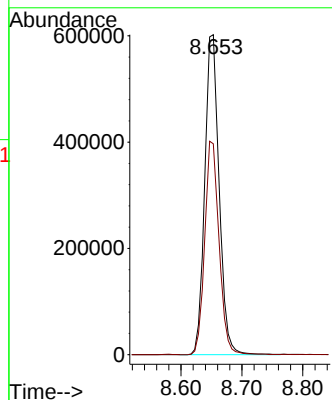
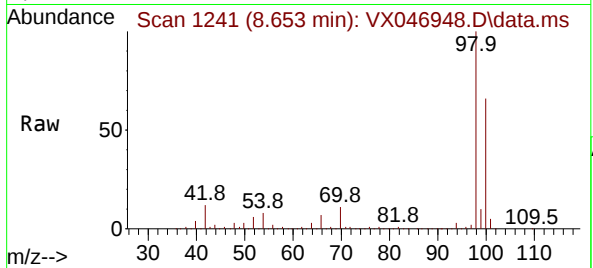




#50
Toluene-d8
Concen: 50.050 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

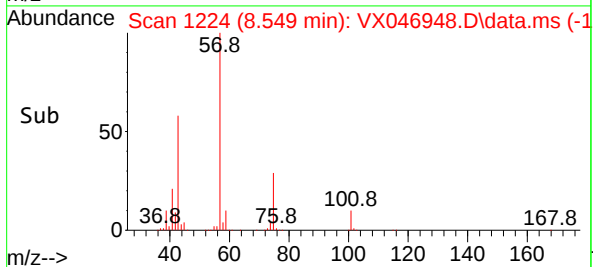
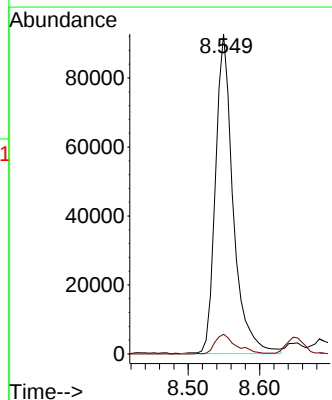
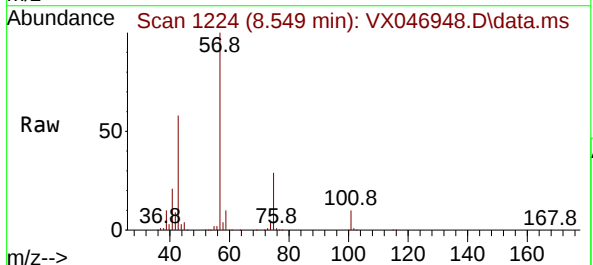
Instrument :
MSVOA_X
ClientSampleId :
TP-14

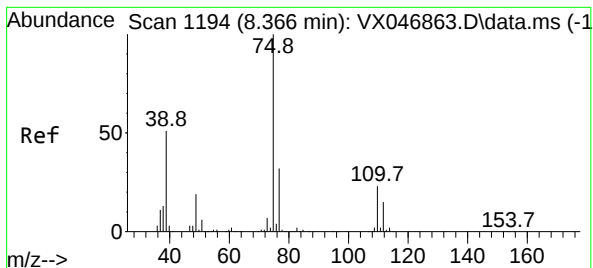
Tgt Ion: 98 Resp: 989311
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 27.332 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

Tgt Ion: 43 Resp: 159064
Ion Ratio Lower Upper
43 100
58 7.4 30.4 45.6#

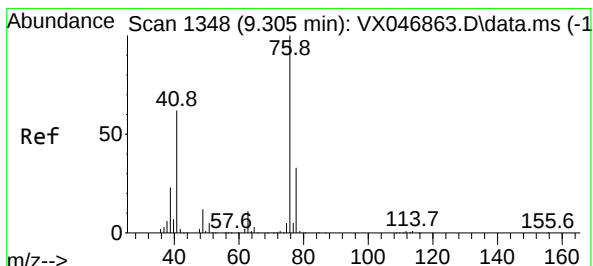
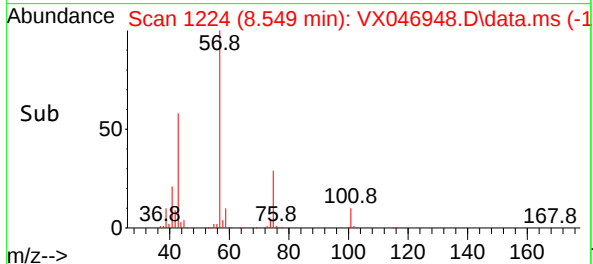
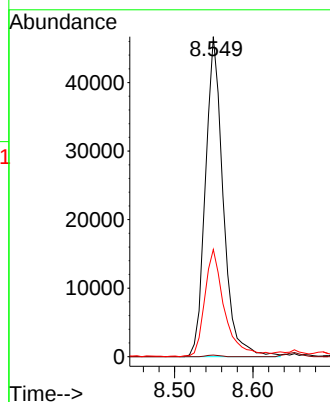
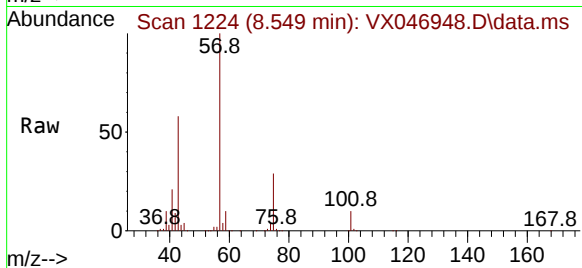




#54
cis-1,3-Dichloropropene
Concen: 8.442 ug/l
RT: 8.549 min Scan# 1194
Delta R.T. 0.183 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

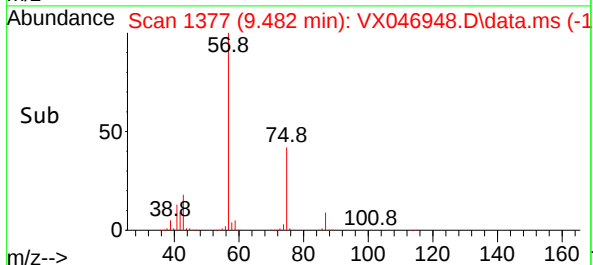
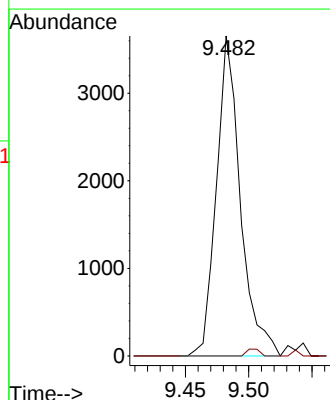
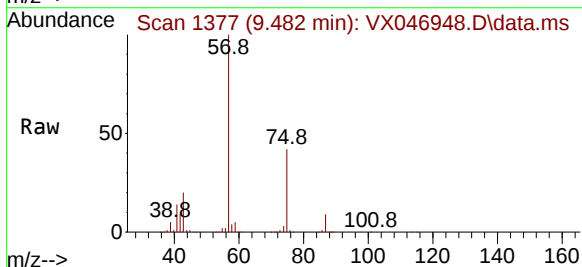
Instrument :
MSVOA_X
ClientSampleId :
TP-14

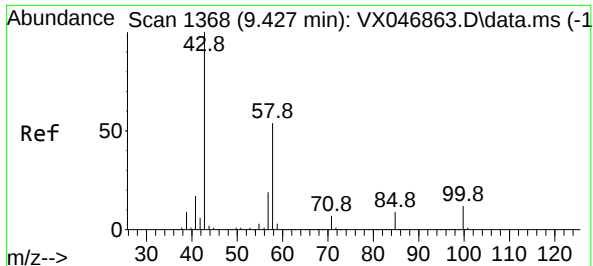
Tgt Ion: 75 Resp: 73489
Ion Ratio Lower Upper
75 100
77 0.7 25.4 38.2#
39 42.5 40.7 61.1



#57
1,3-Dichloropropane
Concen: 0.529 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

Tgt Ion: 76 Resp: 4805
Ion Ratio Lower Upper
76 100
78 1.2 25.9 38.9#

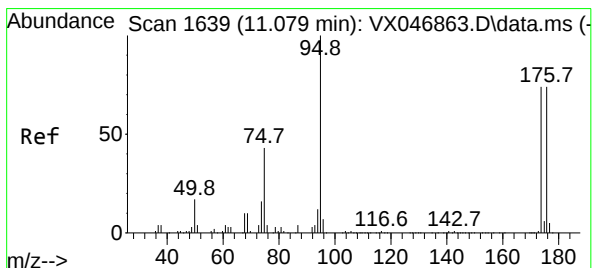
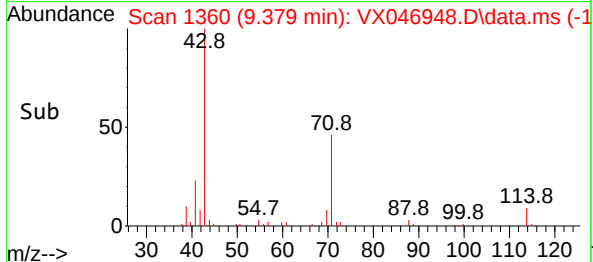
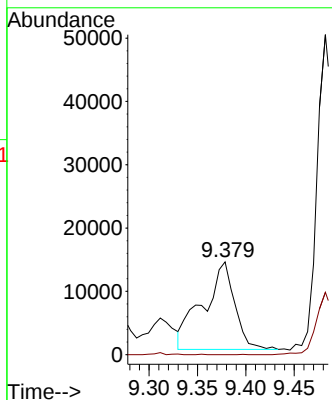
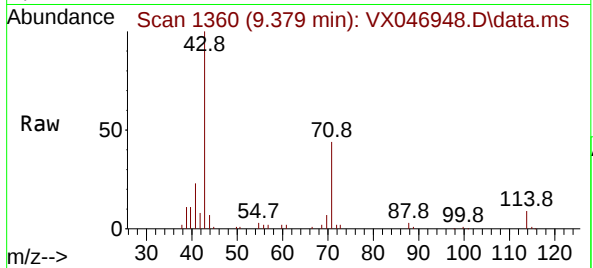




#59
2-Hexanone
Concen: 8.202 ug/l
RT: 9.379 min Scan# 11
Delta R.T. -0.049 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

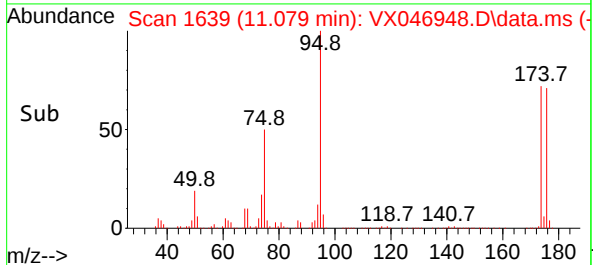
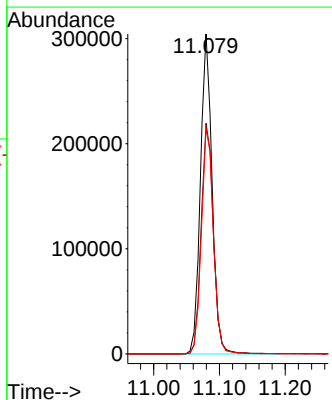
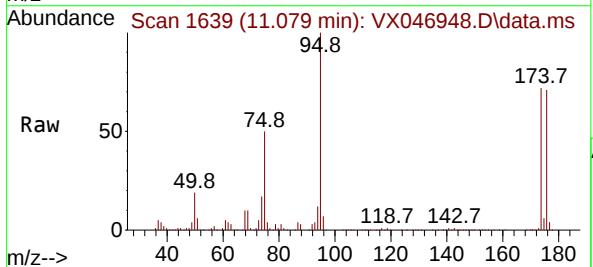
Instrument :
MSVOA_X
ClientSampleId :
TP-14

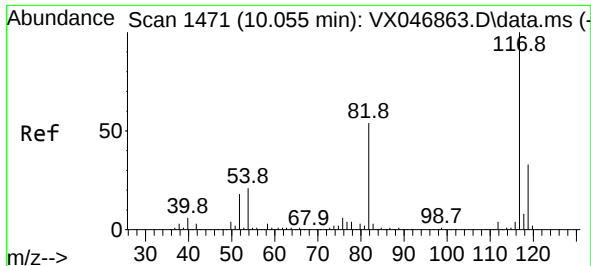
Tgt Ion: 43 Resp: 31660
Ion Ratio Lower Upper
43 100
58 0.0 27.1 81.3#



#62
4-Bromofluorobenzene
Concen: 50.081 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

Tgt Ion: 95 Resp: 376225
Ion Ratio Lower Upper
95 100
174 75.1 0.0 152.0
176 72.3 0.0 145.2

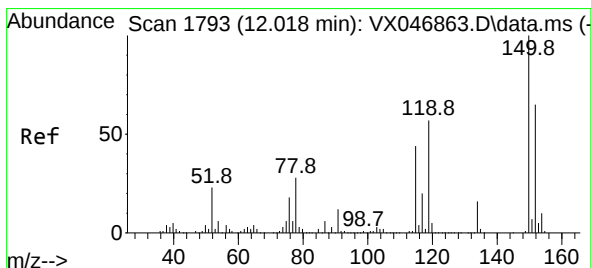
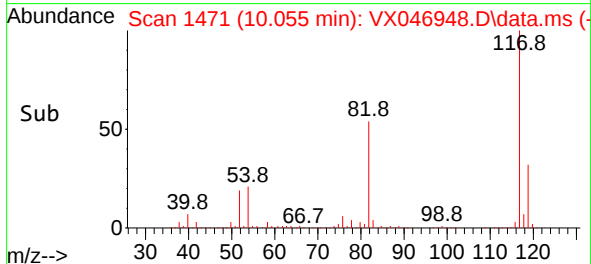
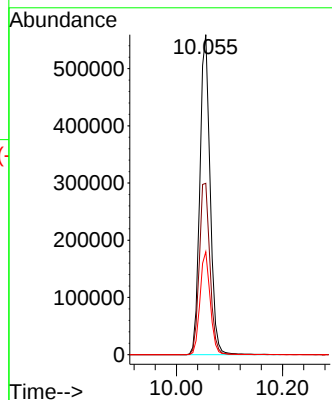
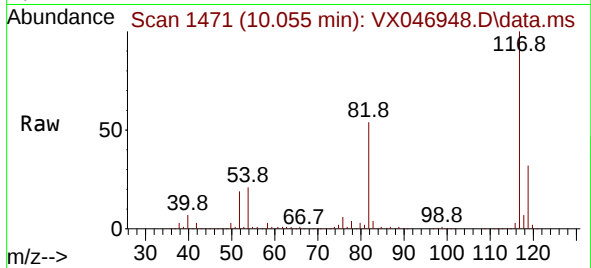




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

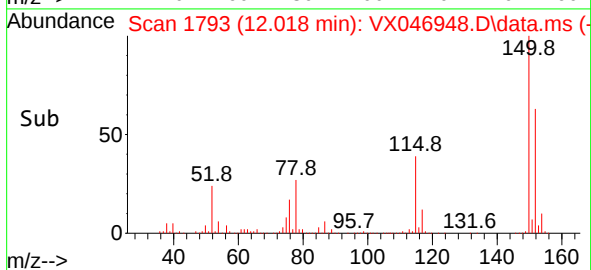
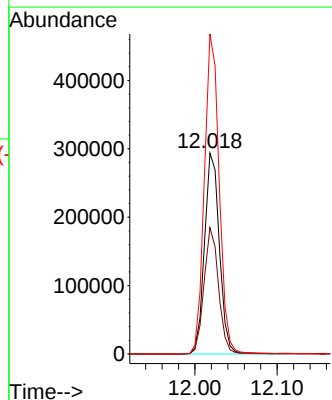
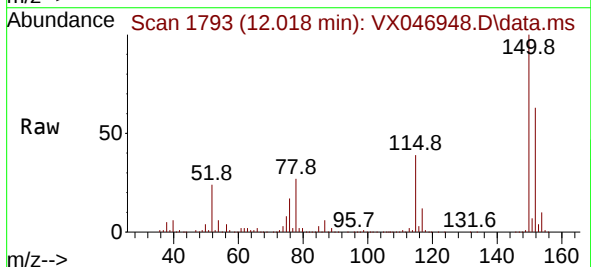
Instrument :
MSVOA_X
ClientSampleId :
TP-14

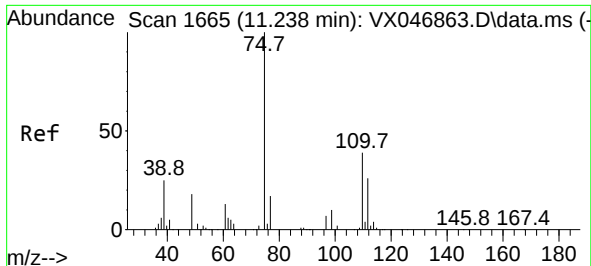
Tgt Ion:117 Resp: 753461
Ion Ratio Lower Upper
117 100
82 53.5 43.3 64.9
119 32.2 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

Tgt Ion:152 Resp: 369959
Ion Ratio Lower Upper
152 100
115 61.5 42.4 127.1
150 158.3 0.0 349.2

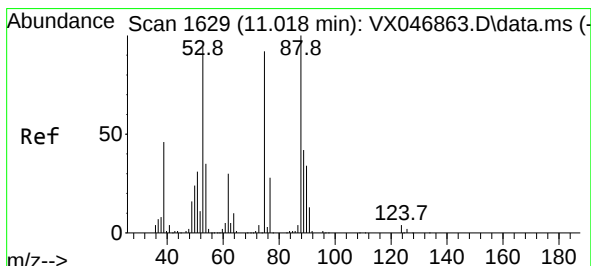
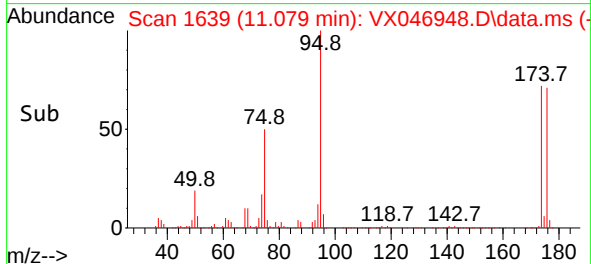
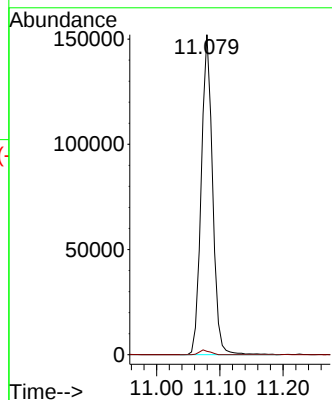
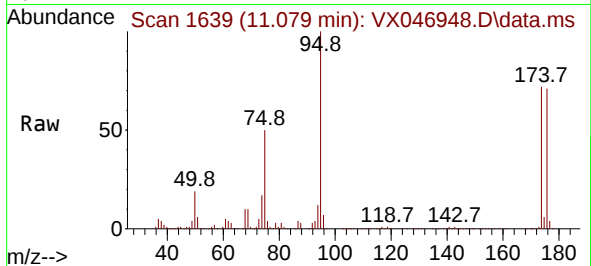




#76
1,2,3-Trichloropropane
Concen: 33.246 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

Instrument :
MSVOA_X
ClientSampleId :
TP-14

Tgt Ion: 75 Resp: 190044
Ion Ratio Lower Upper
75 100
77 1.4 20.6 61.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.214 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046948.D
Acq: 10 Jul 2025 16:30

Tgt Ion: 75 Resp: 190044
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.0 38.2 57.2#

