

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
 Data File : VX047379.D
 Acq On : 18 Aug 2025 14:10
 Operator : JC/MD
 Sample : Q2815-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-10P-E

Quant Time: Aug 19 01:42:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

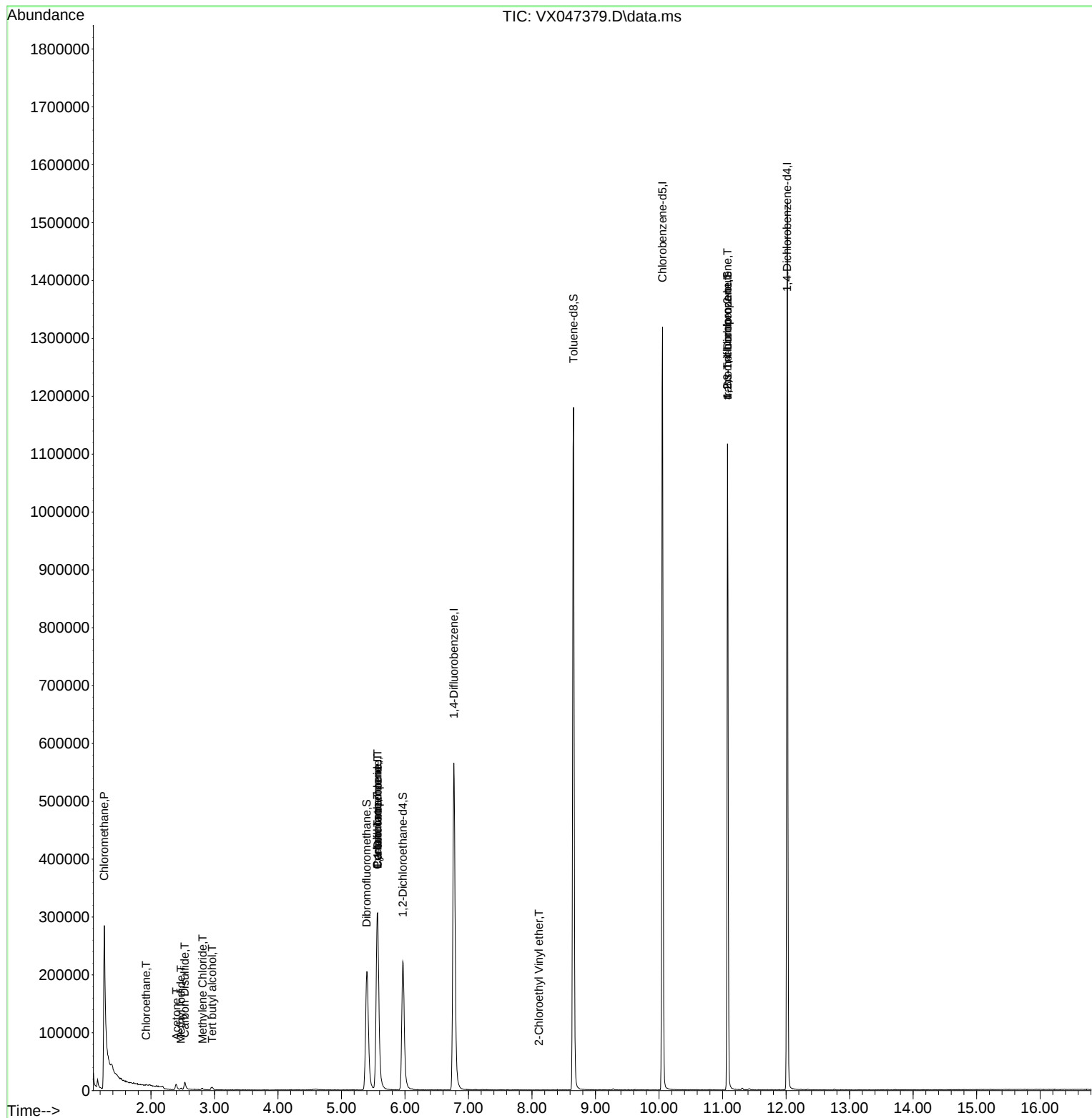
Internal Standards						
1) Pentafluorobenzene	5.568	168	308366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	605898	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	599545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	294795	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	234341	54.300	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.600%			
35) Dibromofluoromethane	5.397	113	199372	50.701	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.400%			
50) Toluene-d8	8.653	98	710342	50.539	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.080%			
62) 4-Bromofluorobenzene	11.079	95	288770	55.676	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.360%			
Target Compounds						Qvalue
3) Chloromethane	1.264	50	7880	2.228	ug/l #	41
6) Chloroethane	1.922	64	2008	0.739	ug/l #	44
10) Methyl Iodide	2.471	142	2820	0.432	ug/l #	89
11) Tert butyl alcohol	2.965	59	2031	5.410	ug/l #	77
16) Acetone	2.398	43	12417	7.655	ug/l #	88
17) Carbon Disulfide	2.532	76	16656	1.422	ug/l	96
20) Methylene Chloride	2.812	84	1114	0.259	ug/l #	87
31) Cyclohexane	5.562	56	7000	1.008	ug/l #	1
36) 1,1-Dichloropropene	5.568	75	25687	4.138	ug/l #	51
38) Carbon Tetrachloride	5.568	117	32699	4.820	ug/l #	14
58) 2-Chloroethyl Vinyl ether	8.110	63	23	8.363	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	149179	27.591	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	149179	108.931	ug/l #	7

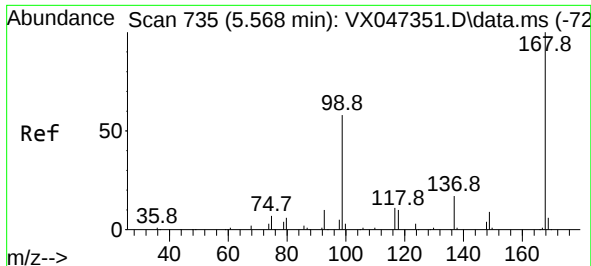
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047379.D
Acq On : 18 Aug 2025 14:10
Operator : JC/MD
Sample : Q2815-03RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TW-10P-E

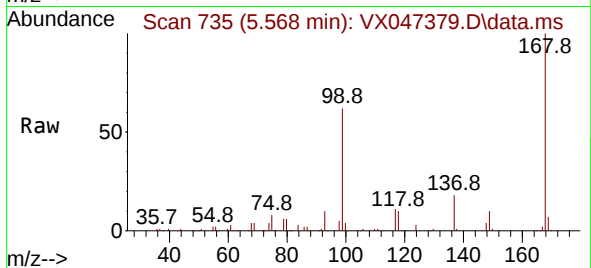
Quant Time: Aug 19 01:42:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration



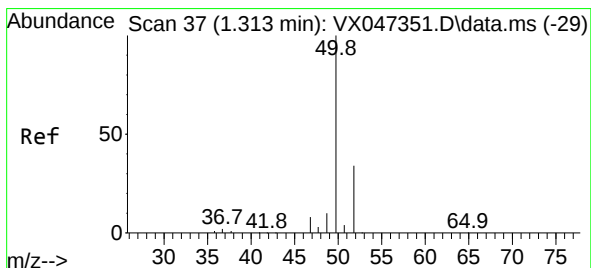
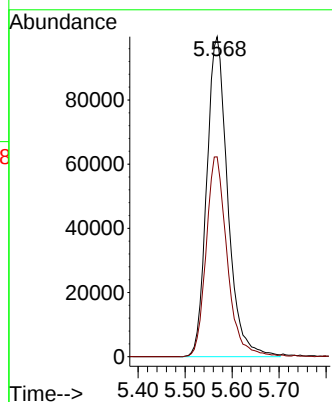


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047379.D
Acq: 18 Aug 2025 14:10

Instrument :
MSVOA_X
ClientSampleId :
TW-10P-E

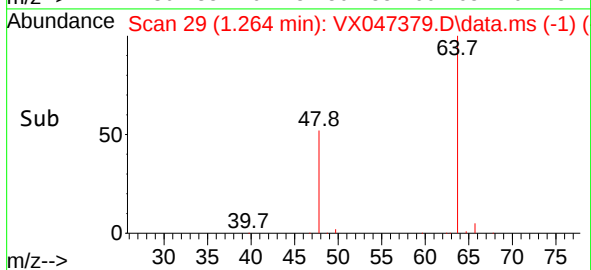
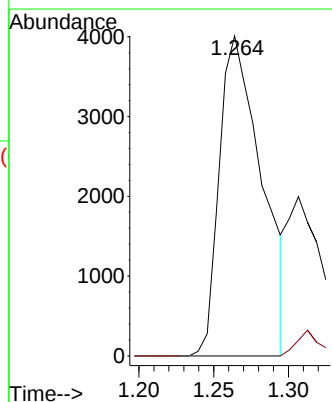
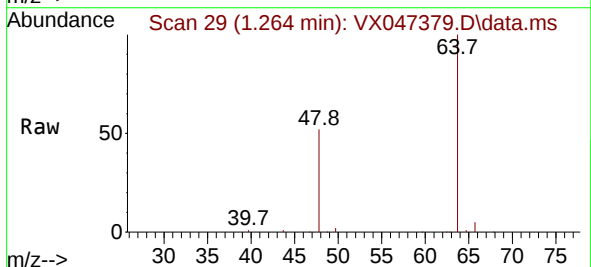


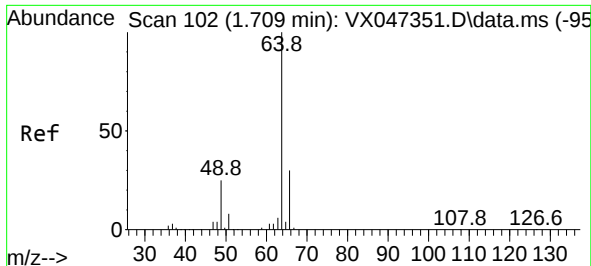
Tgt Ion:168 Resp: 308366
Ion Ratio Lower Upper
168 100
99 62.4 47.9 71.9



#3
Chloromethane
Concen: 2.228 ug/l
RT: 1.264 min Scan# 29
Delta R.T. -0.049 min
Lab File: VX047379.D
Acq: 18 Aug 2025 14:10

Tgt Ion: 50 Resp: 7880
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.4#

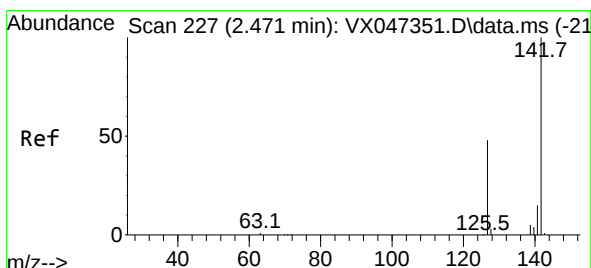
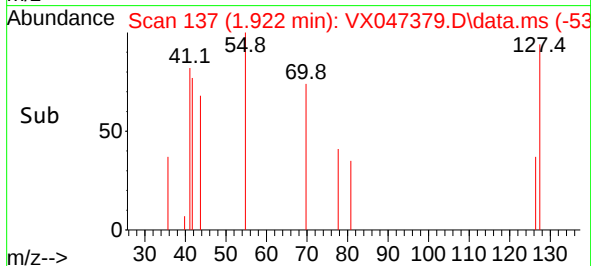
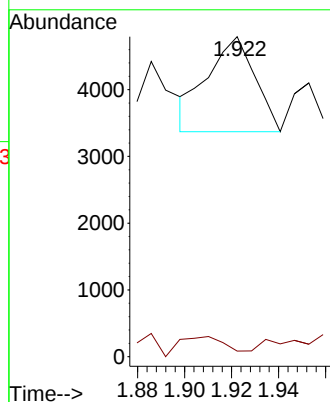
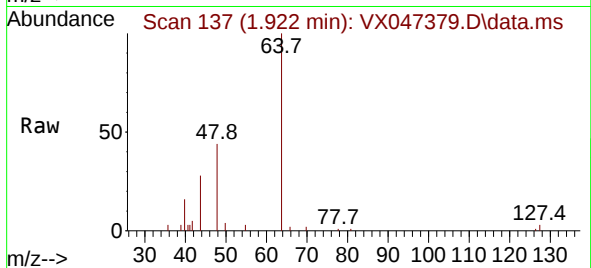




#6
Chloroethane
Concen: 0.739 ug/l
RT: 1.922 min Scan# 11
Delta R.T. 0.214 min
Lab File: VX047379.D
Acq: 18 Aug 2025 14:10

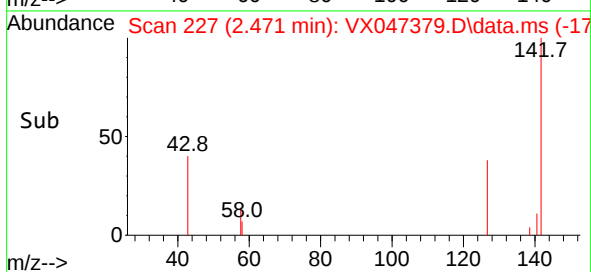
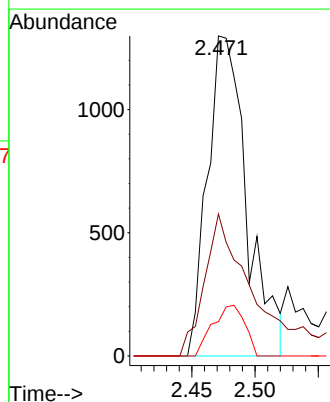
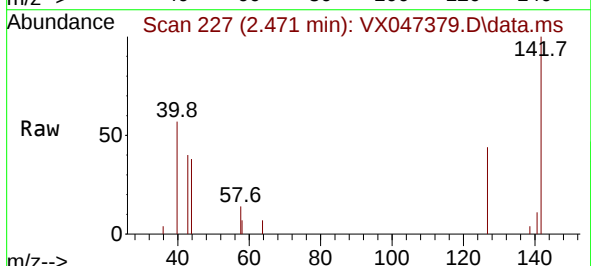
Instrument :
MSVOA_X
ClientSampleId :
TW-10P-E

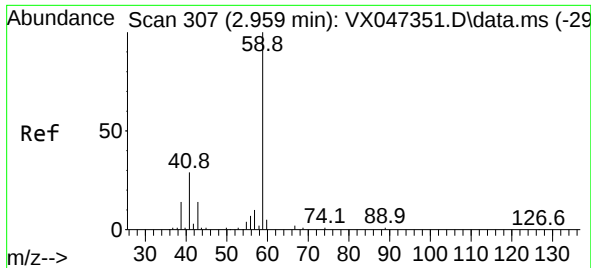
Tgt Ion: 64 Resp: 2008
Ion Ratio Lower Upper
64 100
66 0.0 24.4 36.6#



#10
Methyl Iodide
Concen: 0.432 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047379.D
Acq: 18 Aug 2025 14:10

Tgt Ion:142 Resp: 2820
Ion Ratio Lower Upper
142 100
127 54.4 36.1 54.1#
141 12.8 11.1 16.7

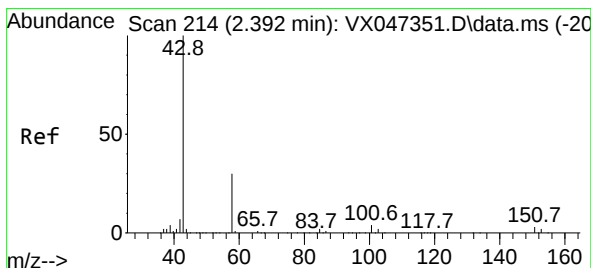
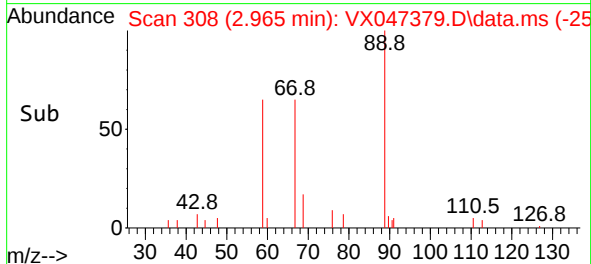
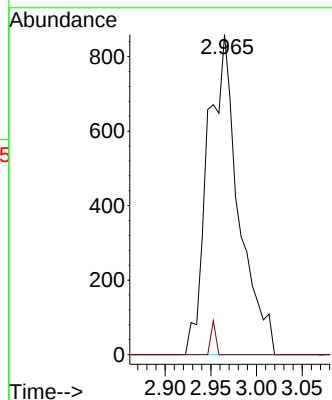
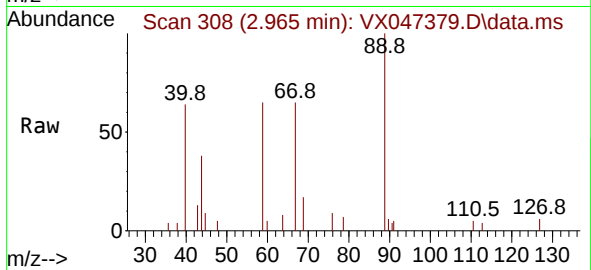




#11
Tert butyl alcohol
Concen: 5.410 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX047379.D
Acq: 18 Aug 2025 14:10

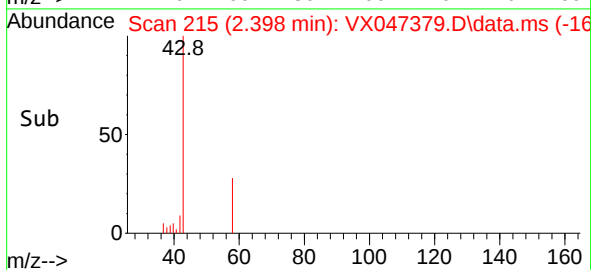
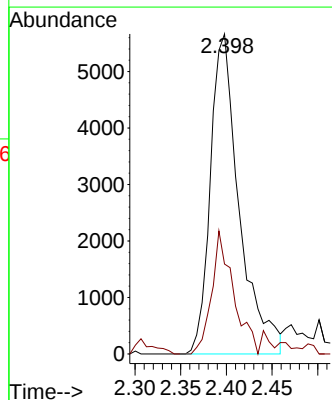
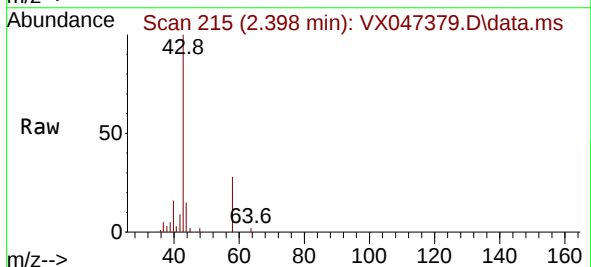
Instrument :
MSVOA_X
ClientSampleId :
TW-10P-E

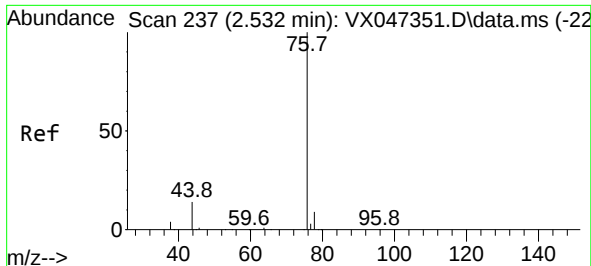
Tgt Ion: 59 Resp: 2031
Ion Ratio Lower Upper
59 100
57 1.6 8.3 12.5#



#16
Acetone
Concen: 7.655 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX047379.D
Acq: 18 Aug 2025 14:10

Tgt Ion: 43 Resp: 12417
Ion Ratio Lower Upper
43 100
58 24.5 24.8 37.2#





#17

Carbon Disulfide

Concen: 1.422 ug/l

RT: 2.532 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX047379.D

Acq: 18 Aug 2025 14:10

Instrument :

MSVOA_X

ClientSampleId :

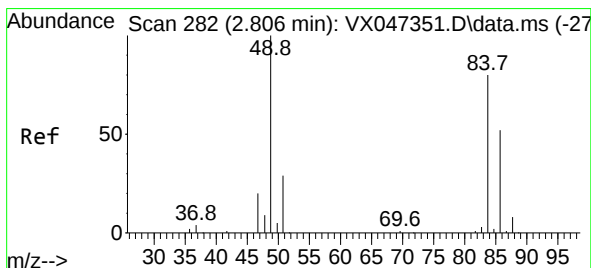
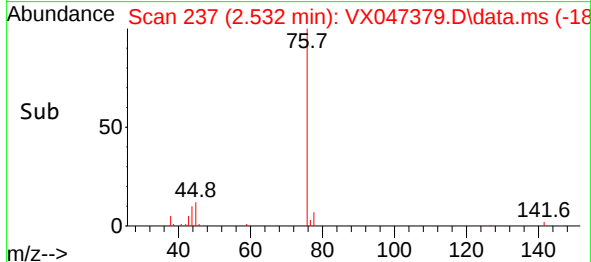
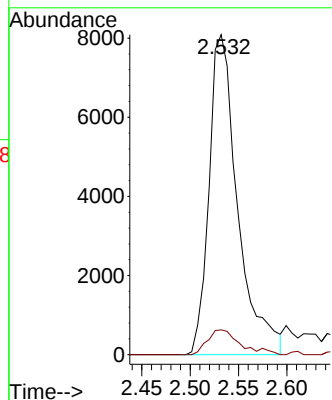
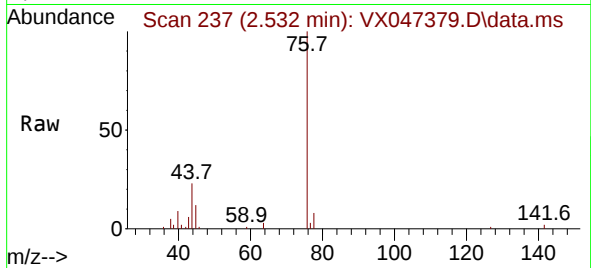
TW-10P-E

Tgt Ion: 76 Resp: 16656

Ion Ratio Lower Upper

76 100

78 7.6 7.2 10.8



#20

Methylene Chloride

Concen: 0.259 ug/l

RT: 2.812 min Scan# 283

Delta R.T. 0.006 min

Lab File: VX047379.D

Acq: 18 Aug 2025 14:10

Tgt Ion: 84 Resp: 1114

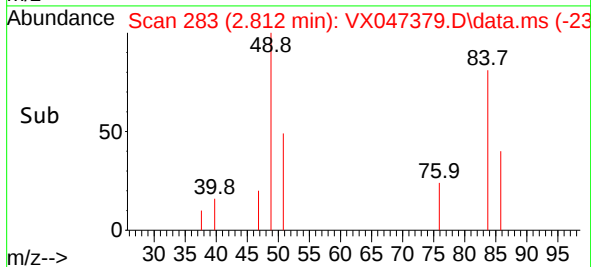
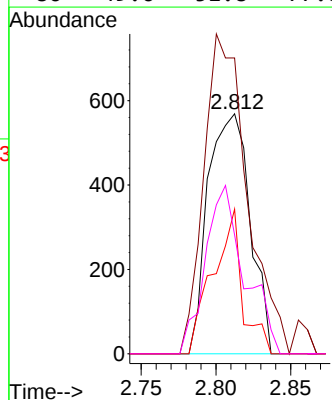
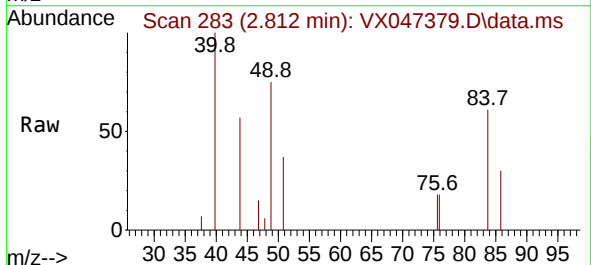
Ion Ratio Lower Upper

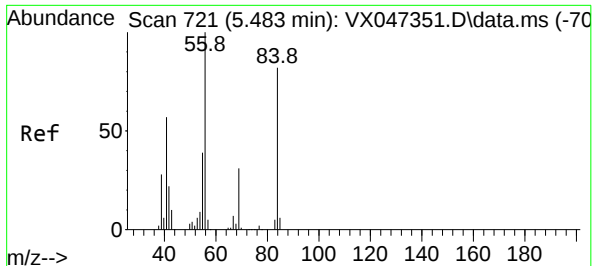
84 100

49 123.2 100.1 150.1

51 60.3 29.5 44.3#

86 49.6 51.8 77.8#

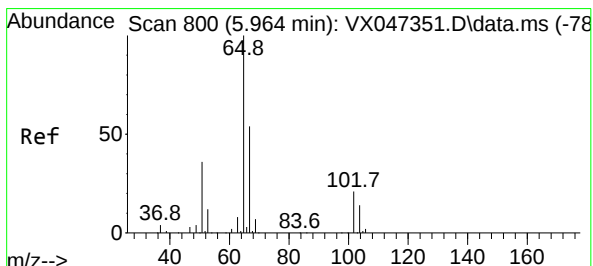
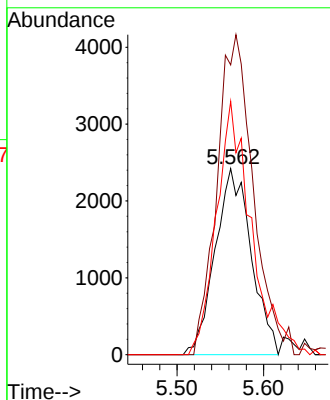
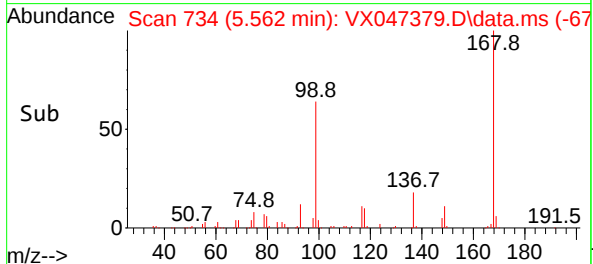
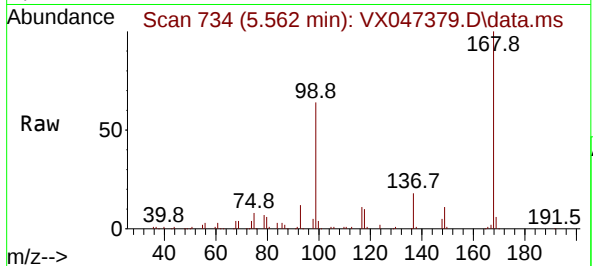




#31
Cyclohexane
Concen: 1.008 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX047379.D
Acq: 18 Aug 2025 14:10

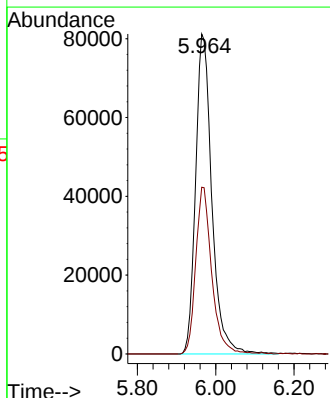
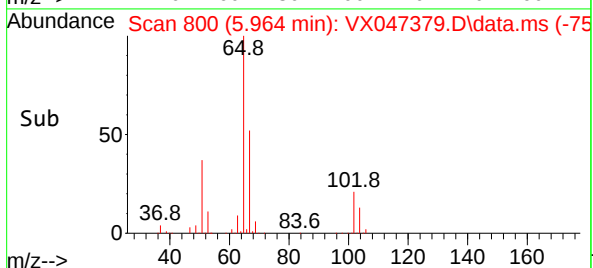
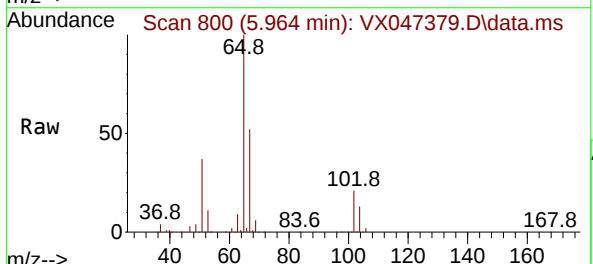
Instrument :
MSVOA_X
ClientSampleId :
TW-10P-E

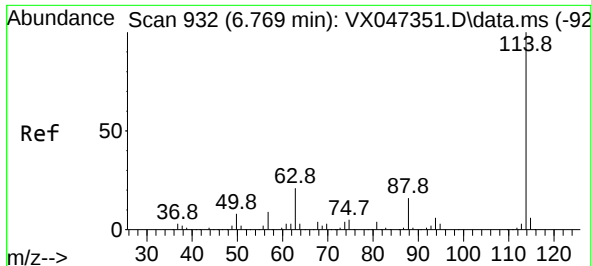
Tgt Ion: 56 Resp: 7000
Ion Ratio Lower Upper
56 100
69 155.7 24.3 36.5#
84 136.1 65.3 97.9#



#33
1,2-Dichloroethane-d4
Concen: 54.300 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047379.D
Acq: 18 Aug 2025 14:10

Tgt Ion: 65 Resp: 234341
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.0

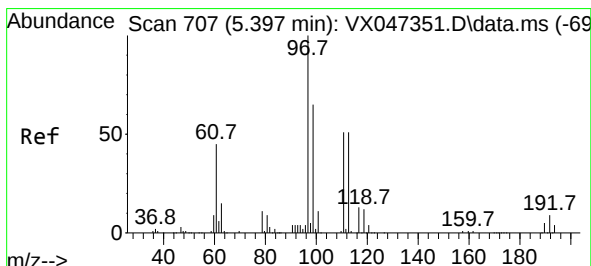
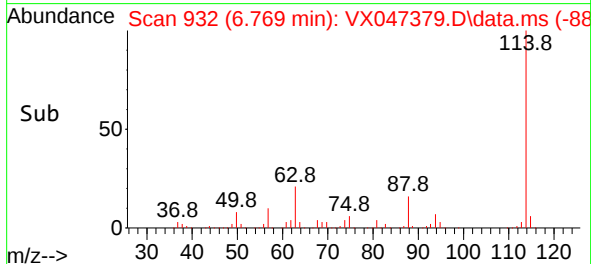
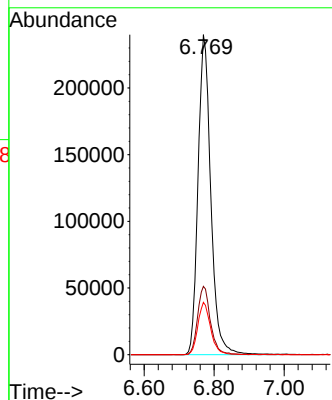
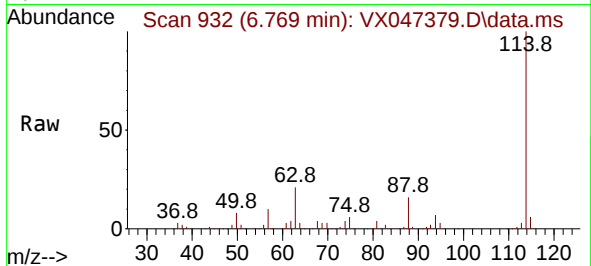




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VX047379.D
 Acq: 18 Aug 2025 14:10

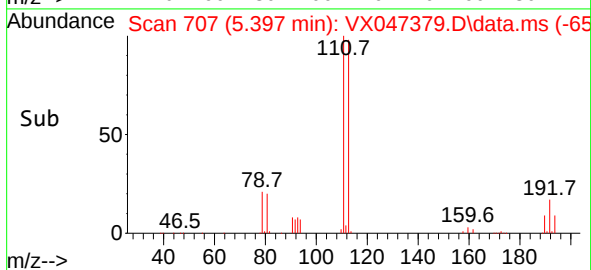
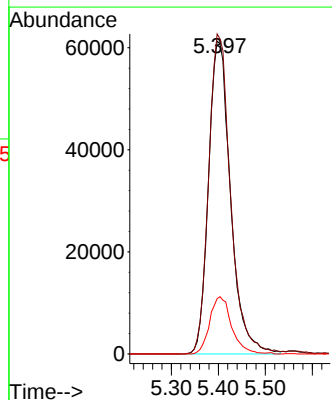
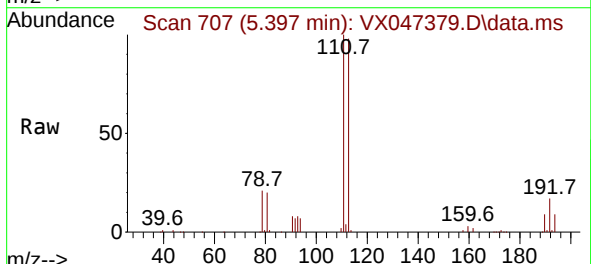
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-10P-E

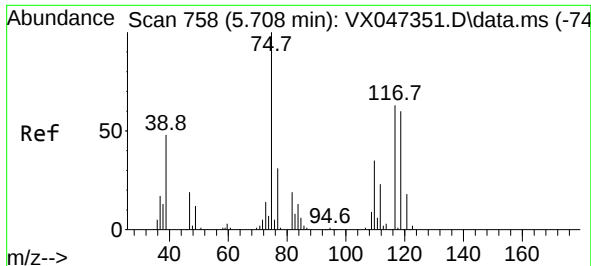
Tgt Ion:114 Resp: 605898
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.4
 88 16.4 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 50.701 ug/l
 RT: 5.397 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VX047379.D
 Acq: 18 Aug 2025 14:10

Tgt Ion:113 Resp: 199372
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.4 122.2
 192 18.2 14.1 21.1

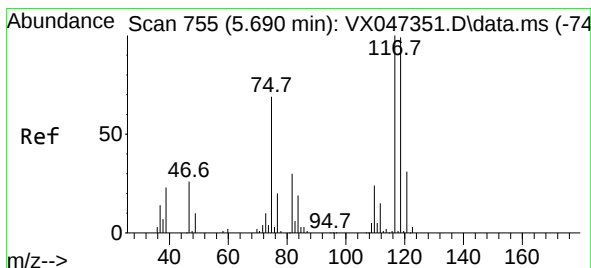
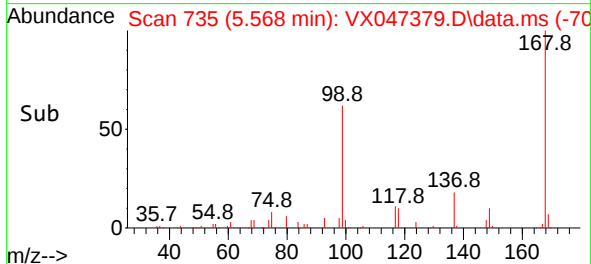
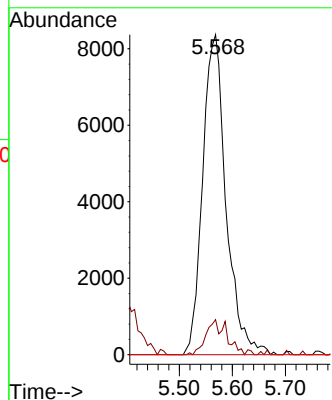
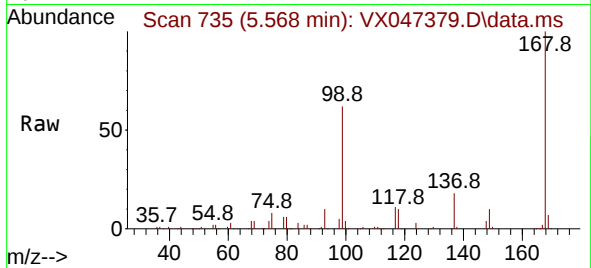




#36
1,1-Dichloropropene
Concen: 4.138 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX047379.D
Acq: 18 Aug 2025 14:10

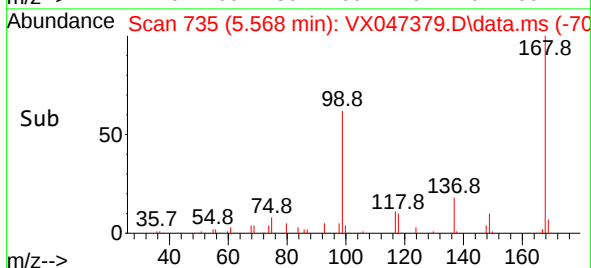
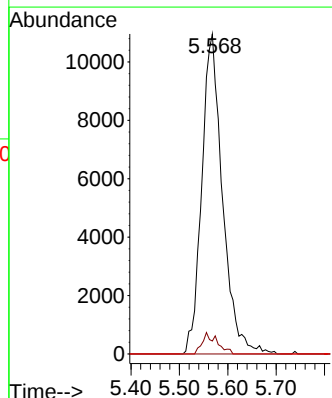
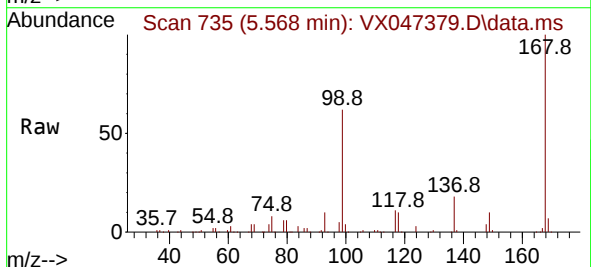
Instrument :
MSVOA_X
ClientSampleId :
TW-10P-E

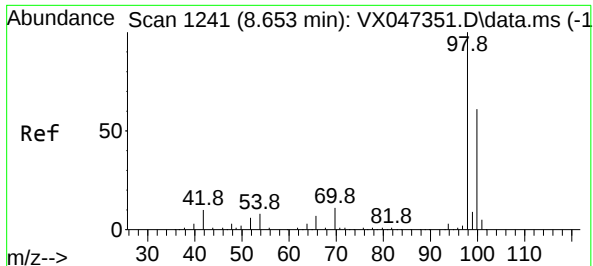
Tgt Ion: 75 Resp: 25687
Ion Ratio Lower Upper
75 100
110 9.6 17.4 52.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.820 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX047379.D
Acq: 18 Aug 2025 14:10

Tgt Ion: 117 Resp: 32699
Ion Ratio Lower Upper
117 100
119 4.1 78.5 117.7#
121 0.0 24.7 37.1#

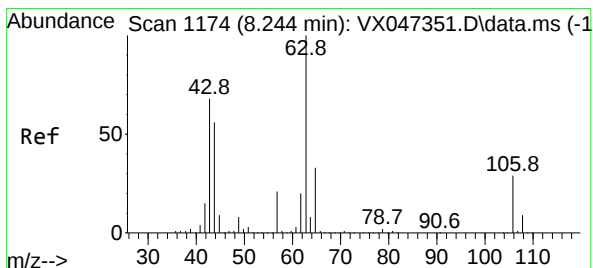
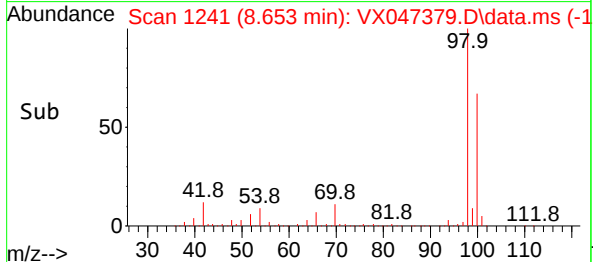
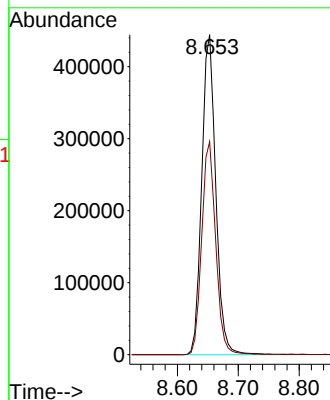
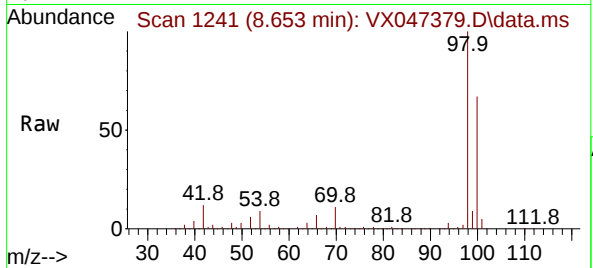




#50
Toluene-d8
Concen: 50.539 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047379.D
Acq: 18 Aug 2025 14:10

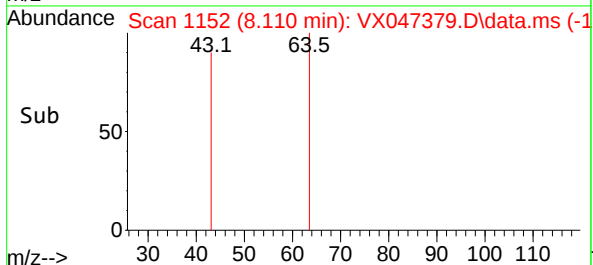
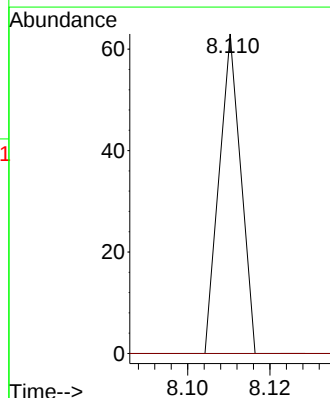
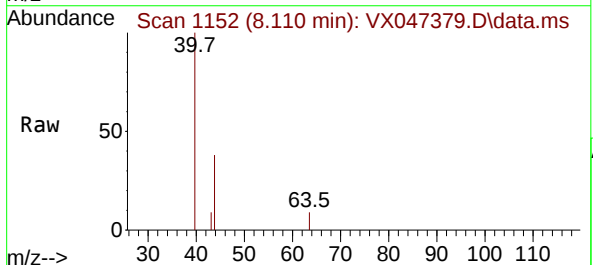
Instrument :
MSVOA_X
ClientSampleId :
TW-10P-E

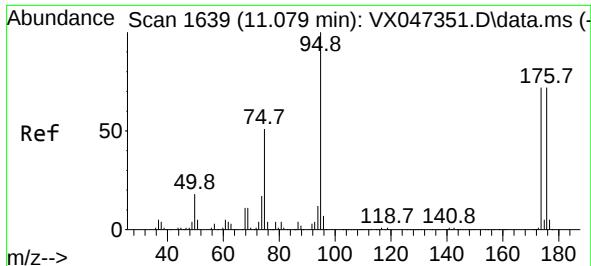
Tgt Ion: 98 Resp: 710342
Ion Ratio Lower Upper
98 100
100 66.6 53.9 80.9



#58
2-Chloroethyl Vinyl ether
Concen: 8.363 ug/l
RT: 8.110 min Scan# 1152
Delta R.T. -0.134 min
Lab File: VX047379.D
Acq: 18 Aug 2025 14:10

Tgt Ion: 63 Resp: 23
Ion Ratio Lower Upper
63 100
106 0.0 22.8 34.2#

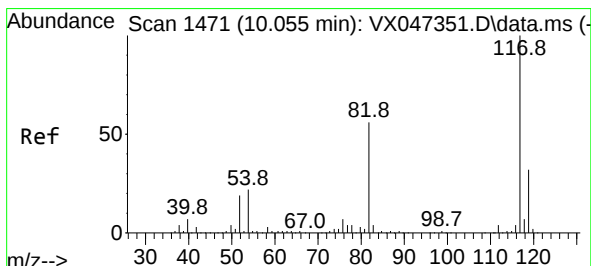
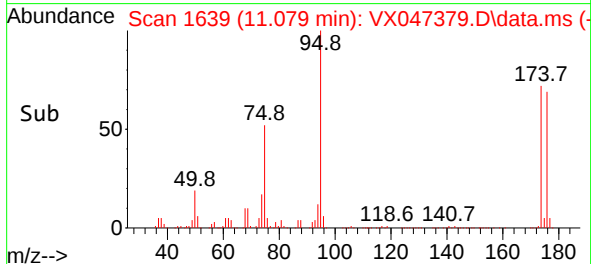
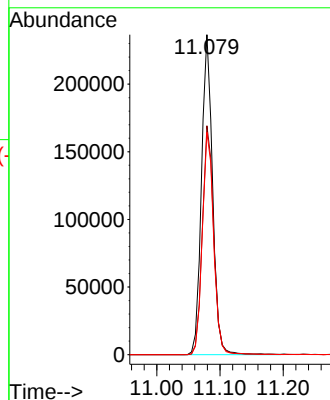
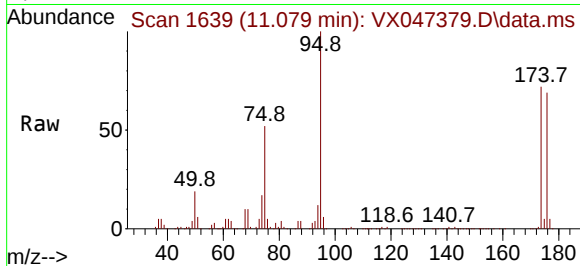




#62
4-Bromofluorobenzene
Concen: 55.676 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047379.D
Acq: 18 Aug 2025 14:10

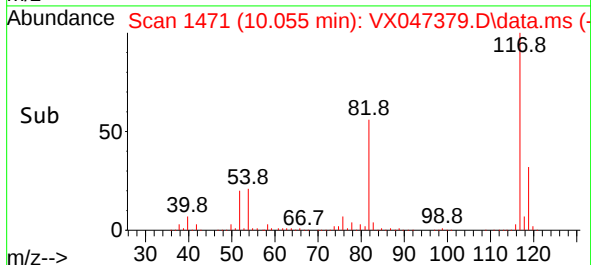
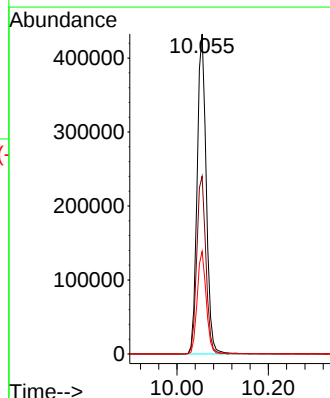
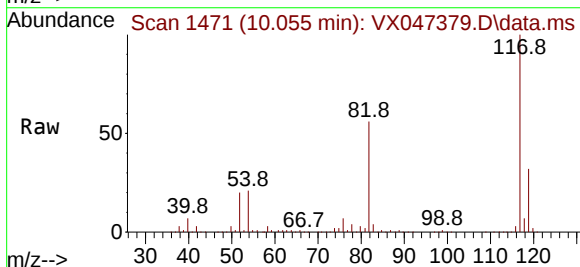
Instrument :
MSVOA_X
ClientSampleId :
TW-10P-E

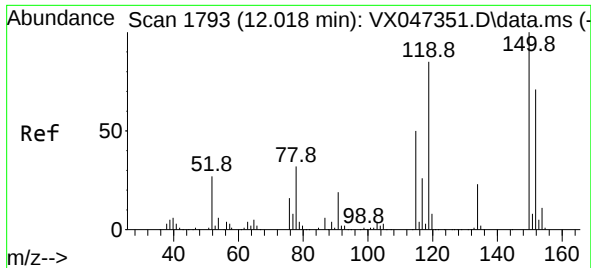
Tgt Ion: 95 Resp: 288770
Ion Ratio Lower Upper
95 100
174 73.5 0.0 148.0
176 71.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047379.D
Acq: 18 Aug 2025 14:10

Tgt Ion: 117 Resp: 599545
Ion Ratio Lower Upper
117 100
82 55.5 45.0 67.4
119 32.0 25.8 38.8

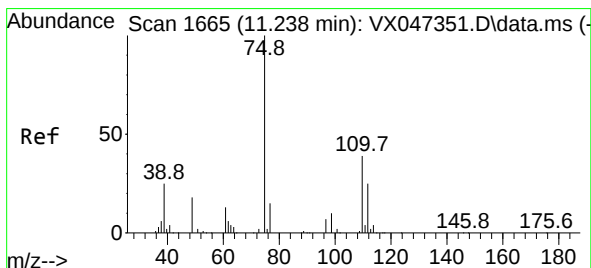
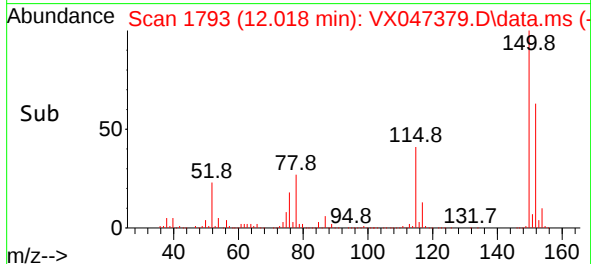
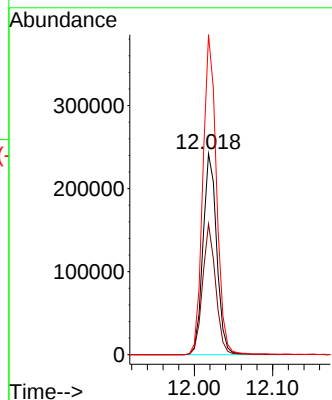
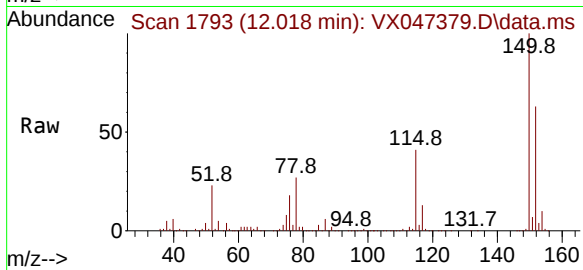




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047379.D
Acq: 18 Aug 2025 14:10

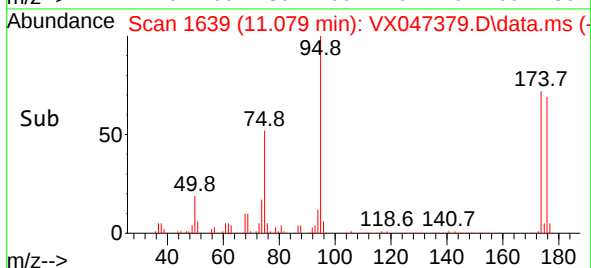
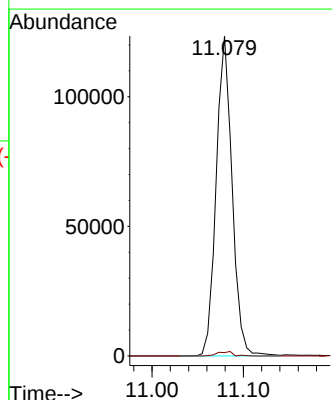
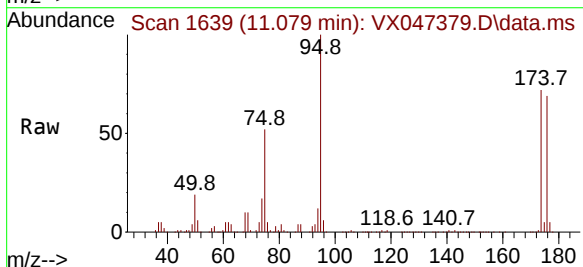
Instrument :
MSVOA_X
ClientSampleId :
TW-10P-E

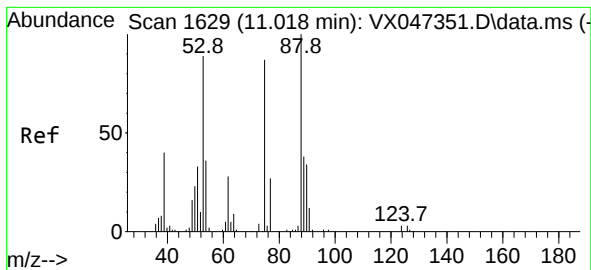
Tgt Ion:152 Resp: 294795
Ion Ratio Lower Upper
152 100
115 62.2 44.6 133.8
150 157.6 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 27.591 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX047379.D
Acq: 18 Aug 2025 14:10

Tgt Ion: 75 Resp: 149179
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.931 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX047379.D
 Acq: 18 Aug 2025 14:10

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-10P-E

Tgt Ion: 75 Resp: 149179
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.2 127.8#
 89 0.0 36.7 55.1#

