

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102725\
 Data File : VX048379.D
 Acq On : 27 Oct 2025 17:47
 Operator : JC/MD
 Sample : Q3447-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P001-TW4-251023-01

Quant Time: Oct 28 01:58:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

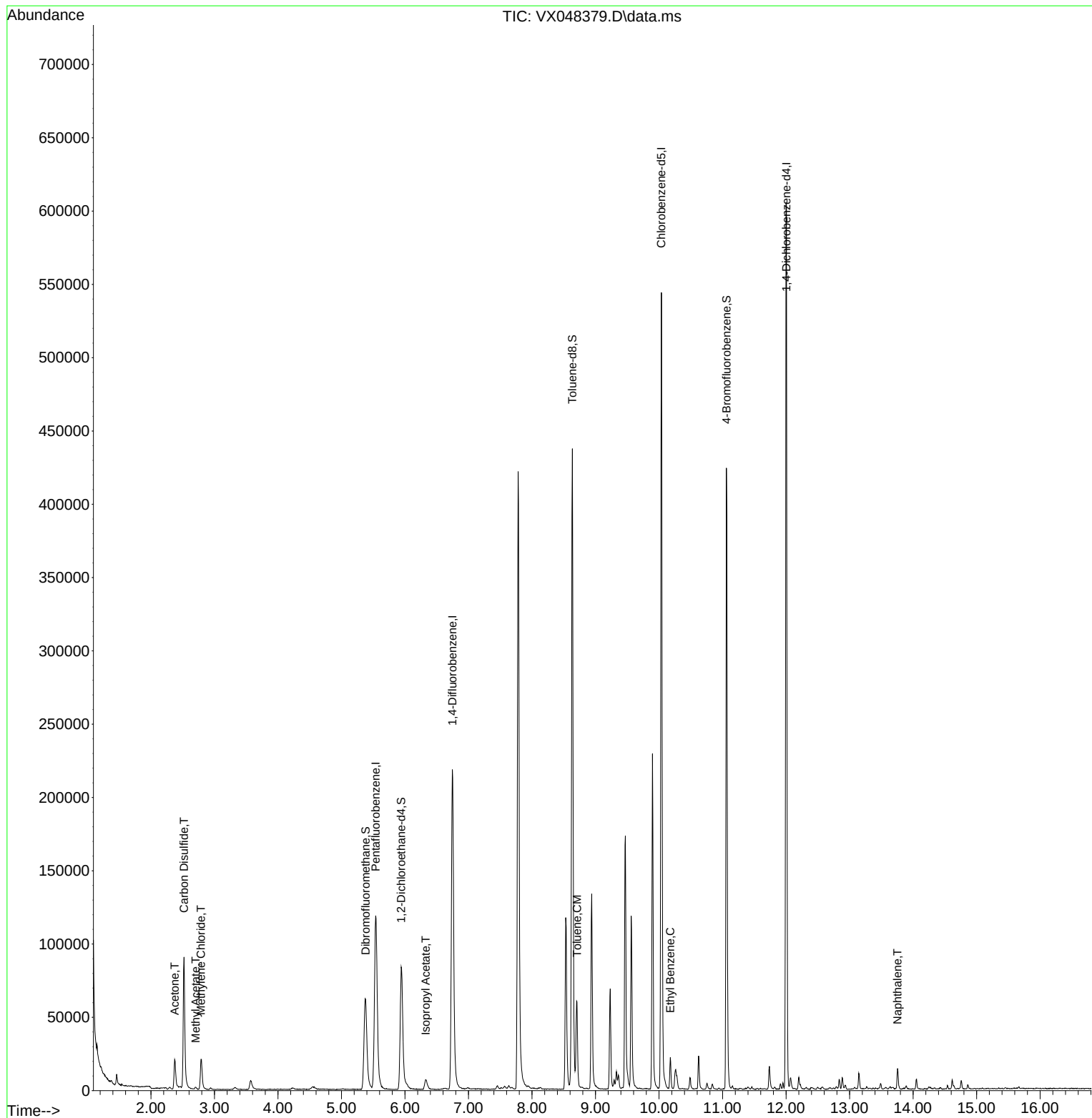
Internal Standards						
1) Pentafluorobenzene	5.538	168	121486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	236810	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	246825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	128536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	92691	54.418	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.840%			
35) Dibromofluoromethane	5.379	113	62397	38.596	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 77.200%			
50) Toluene-d8	8.635	98	267256	47.163	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.320%			
62) 4-Bromofluorobenzene	11.061	95	118046	54.758	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.520%			
Target Compounds						
16) Acetone	2.373	43	26248	44.919	ug/l	98
17) Carbon Disulfide	2.520	76	125382	31.192	ug/l	99
18) Methyl Acetate	2.703	43	2047	1.677	ug/l	91
20) Methylene Chloride	2.788	84	10430	7.325	ug/l	95
43) Isopropyl Acetate	6.324	43	10658	3.407	ug/l	96
52) Toluene	8.708	92	23620	5.573	ug/l	98
67) Ethyl Benzene	10.177	91	12668	1.340	ug/l	91
95) Naphthalene	13.756	128	8947	1.199	ug/l	98

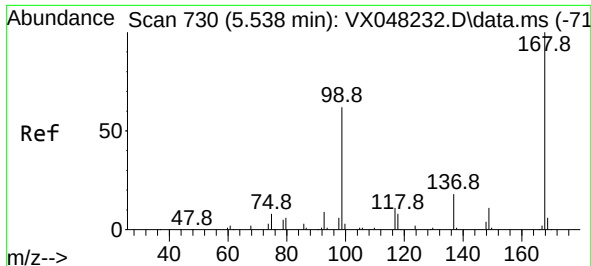
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

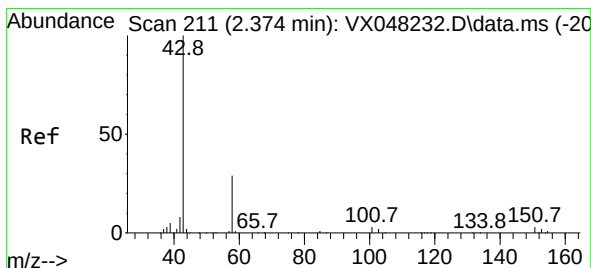
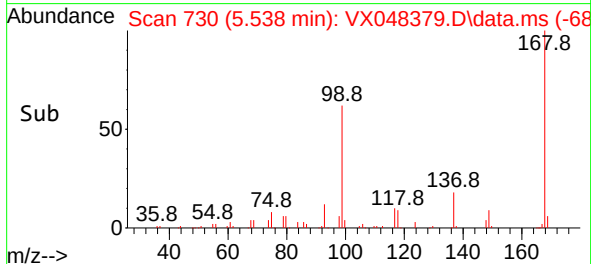
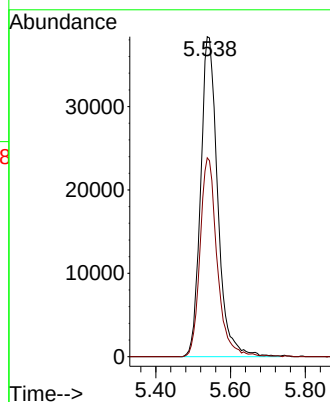
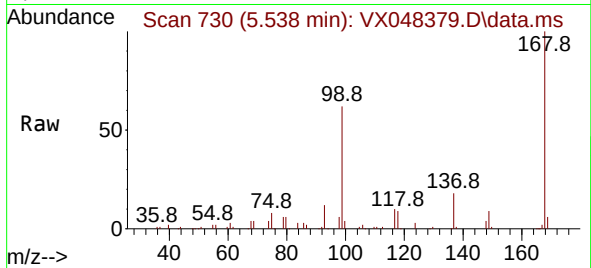




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048379.D
Acq: 27 Oct 2025 17:47

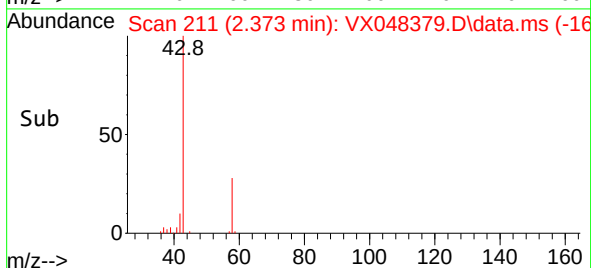
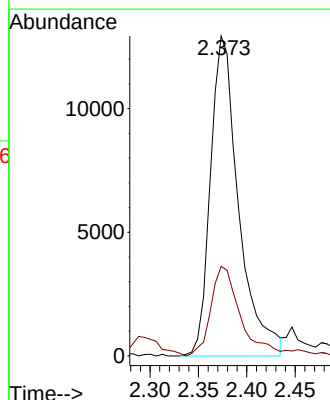
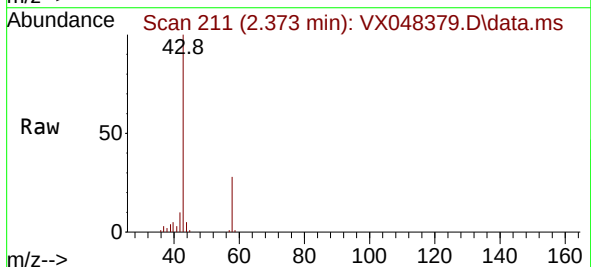
Instrument :
MSVOA_X
ClientSampleId :
P001-TW4-251023-01

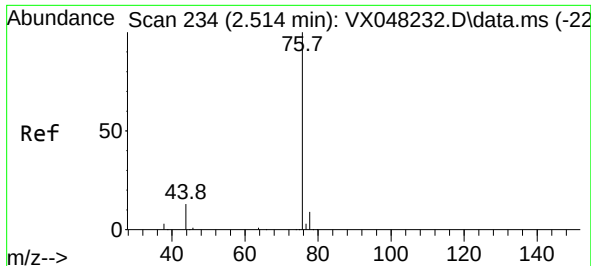
Tgt Ion:168 Resp: 121486
Ion Ratio Lower Upper
168 100
99 62.2 46.4 69.6



#16
Acetone
Concen: 44.919 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048379.D
Acq: 27 Oct 2025 17:47

Tgt Ion: 43 Resp: 26248
Ion Ratio Lower Upper
43 100
58 28.2 23.4 35.2





#17

Carbon Disulfide

Concen: 31.192 ug/l

RT: 2.520 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX048379.D

Acq: 27 Oct 2025 17:47

Instrument :

MSVOA_X

ClientSampleId :

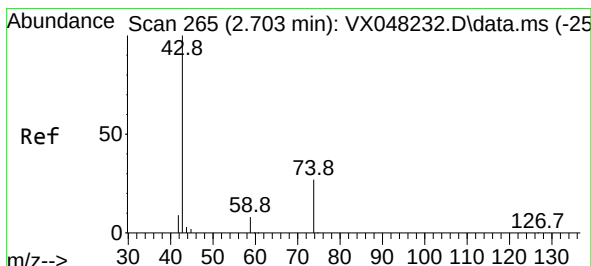
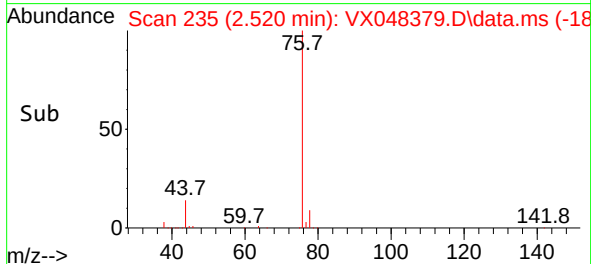
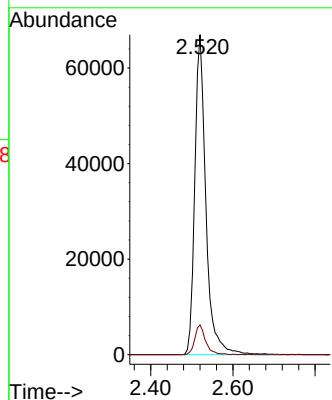
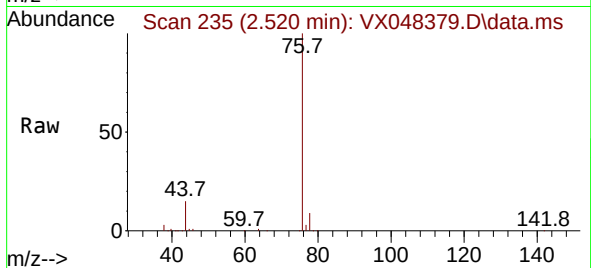
P001-TW4-251023-01

Tgt Ion: 76 Resp: 125382

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7



#18

Methyl Acetate

Concen: 1.677 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX048379.D

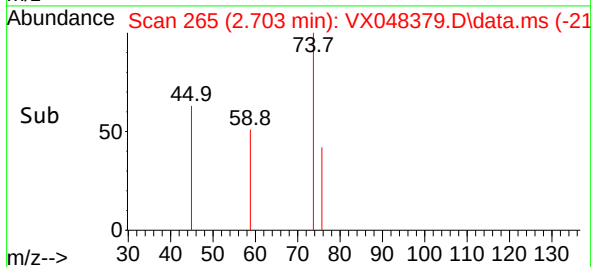
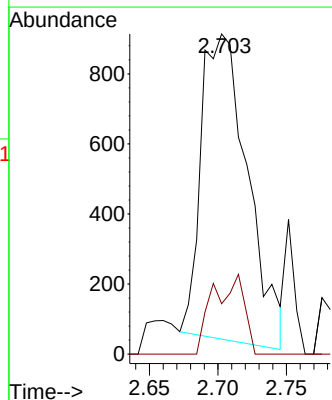
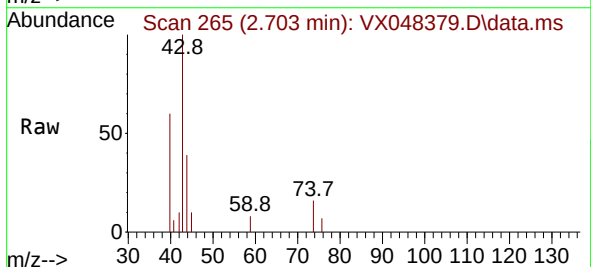
Acq: 27 Oct 2025 17:47

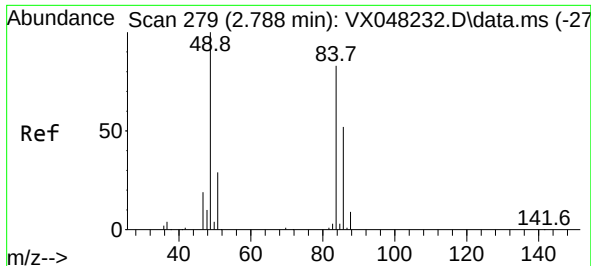
Tgt Ion: 43 Resp: 2047

Ion Ratio Lower Upper

43 100

74 17.6 17.5 26.3

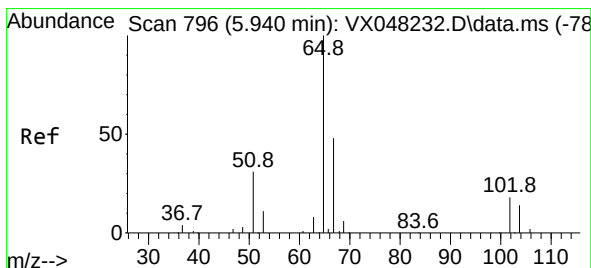
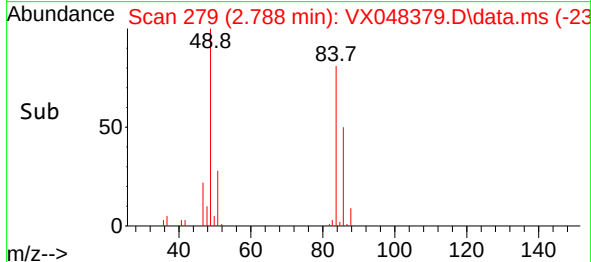
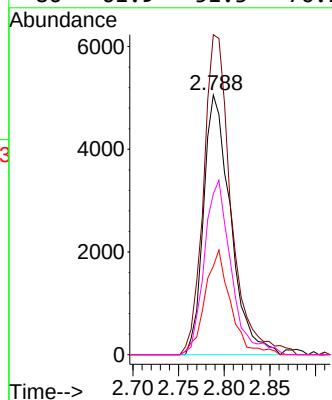
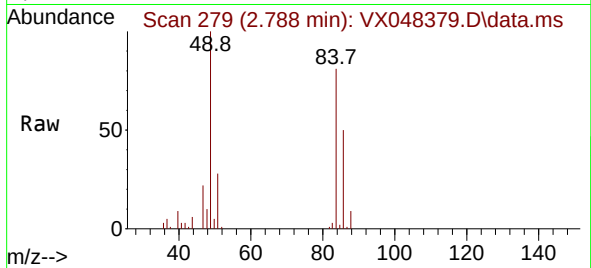




#20
Methylene Chloride
Concen: 7.325 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048379.D
Acq: 27 Oct 2025 17:47

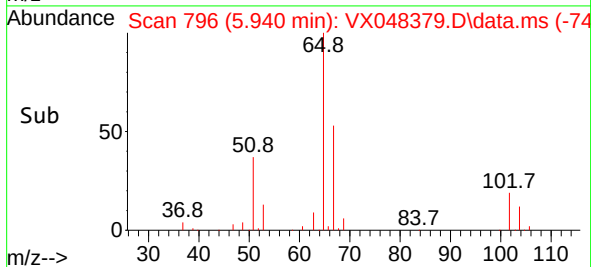
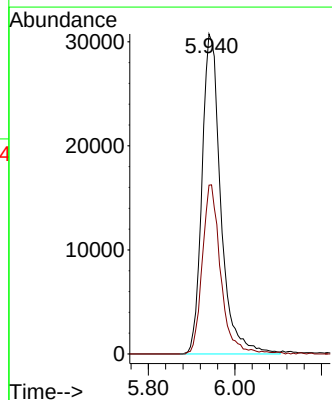
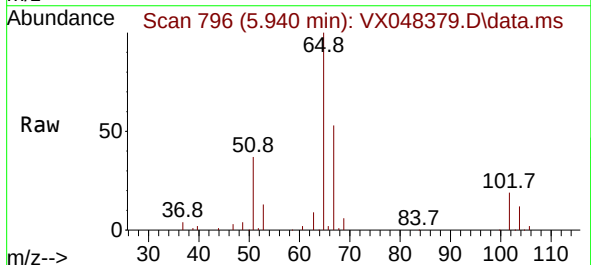
Instrument :
MSVOA_X
ClientSampleId :
P001-TW4-251023-01

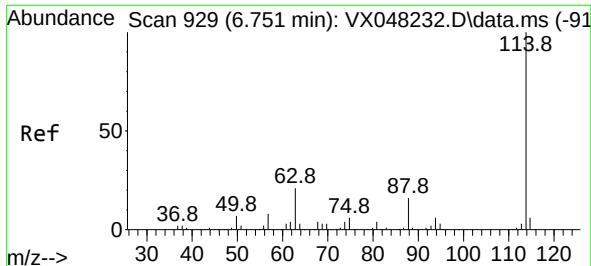
Tgt Ion:	84	Resp:	10430
Ion	Ratio	Lower	Upper
84	100		
49	123.3	104.1	156.1
51	34.1	31.3	46.9
86	61.9	51.3	76.9



#33
1,2-Dichloroethane-d4
Concen: 54.418 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048379.D
Acq: 27 Oct 2025 17:47

Tgt Ion:	65	Resp:	92691
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	105.0

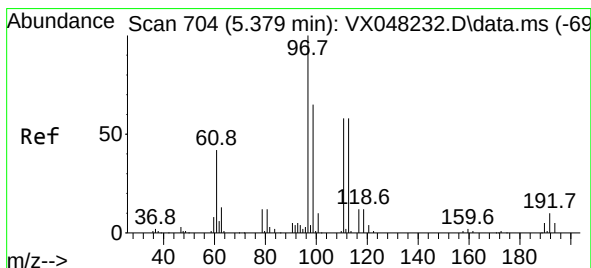
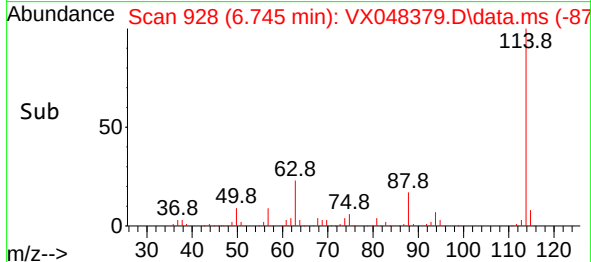
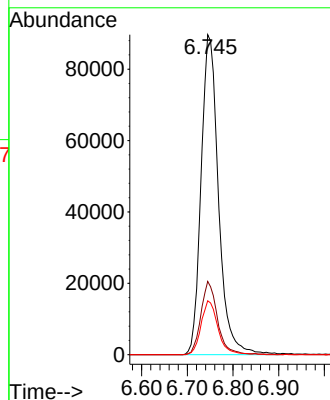
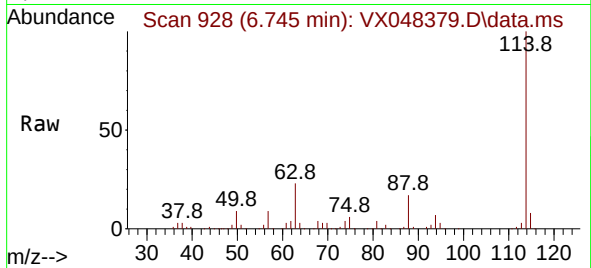




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048379.D
Acq: 27 Oct 2025 17:47

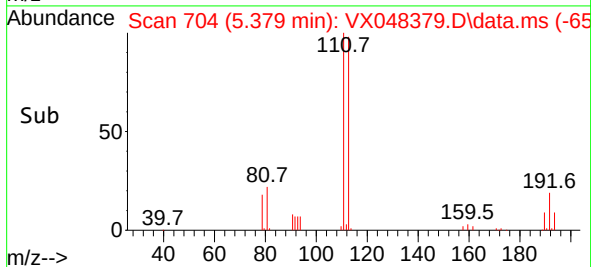
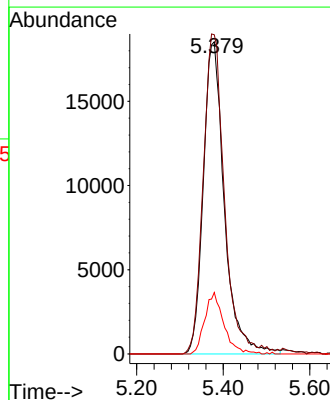
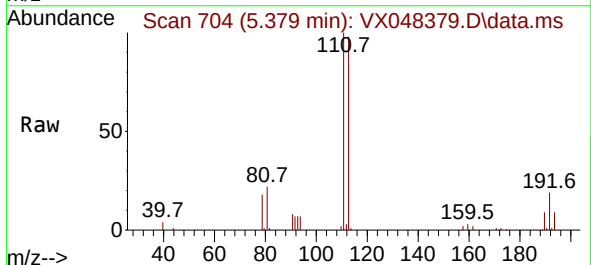
Instrument :
MSVOA_X
ClientSampleId :
P001-TW4-251023-01

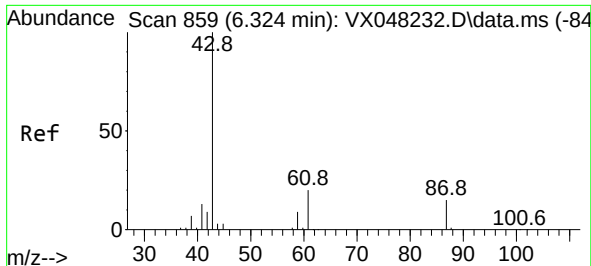
Tgt Ion:114 Resp: 236810
Ion Ratio Lower Upper
114 100
63 22.9 0.0 43.2
88 16.8 0.0 33.6



#35
Dibromofluoromethane
Concen: 38.596 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048379.D
Acq: 27 Oct 2025 17:47

Tgt Ion:113 Resp: 62397
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 17.9 15.1 22.7

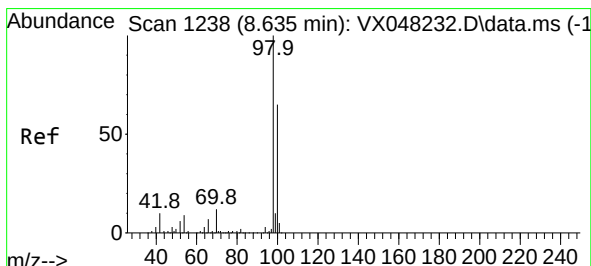
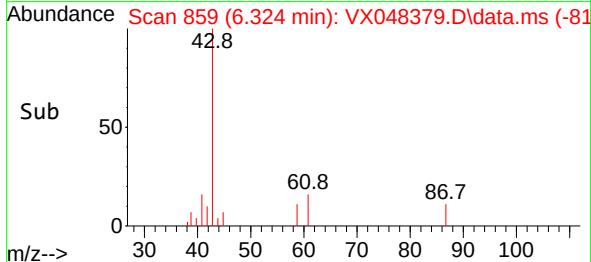
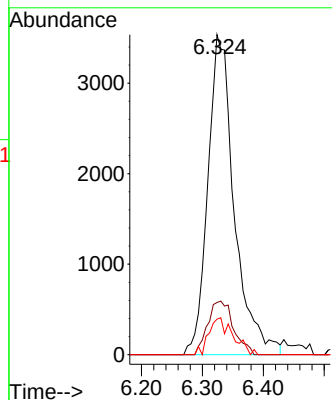
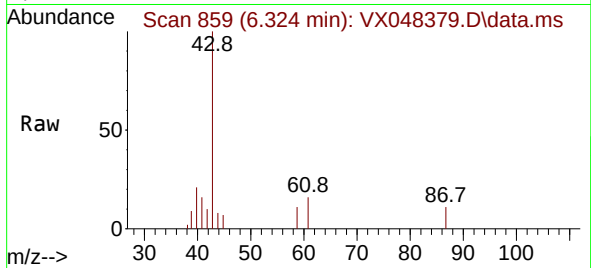




#43
Isopropyl Acetate
Concen: 3.407 ug/l
RT: 6.324 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048379.D
Acq: 27 Oct 2025 17:47

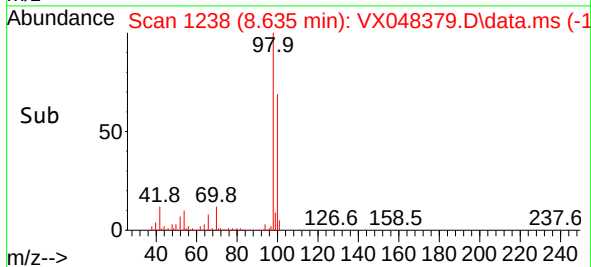
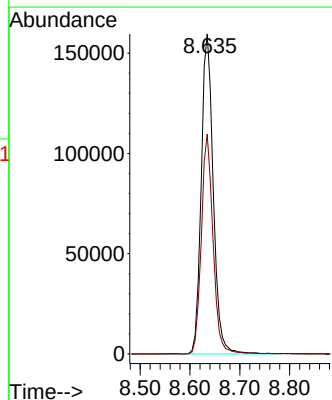
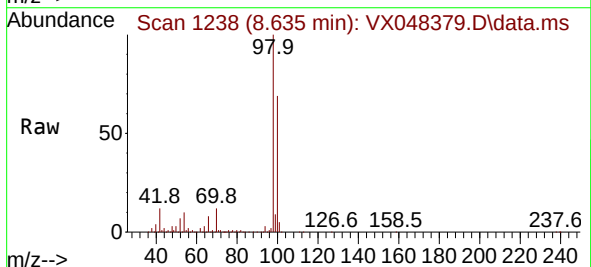
Instrument :
MSVOA_X
ClientSampleId :
P001-TW4-251023-01

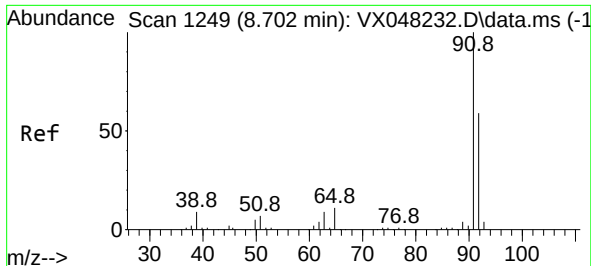
Tgt Ion: 43 Resp: 10658
Ion Ratio Lower Upper
43 100
61 16.4 14.9 22.3
87 10.5 9.4 14.2



#50
Toluene-d8
Concen: 47.163 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048379.D
Acq: 27 Oct 2025 17:47

Tgt Ion: 98 Resp: 267256
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4

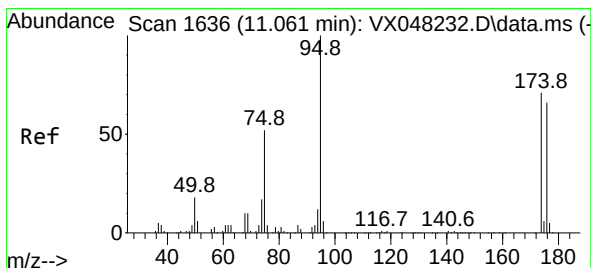
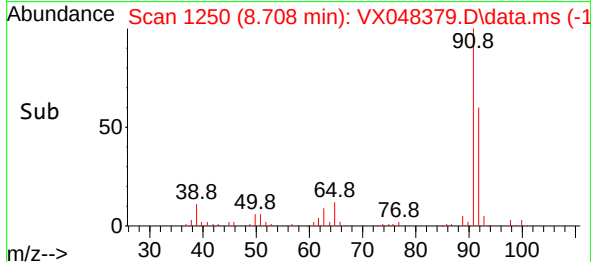
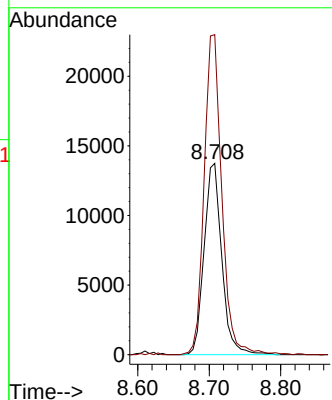
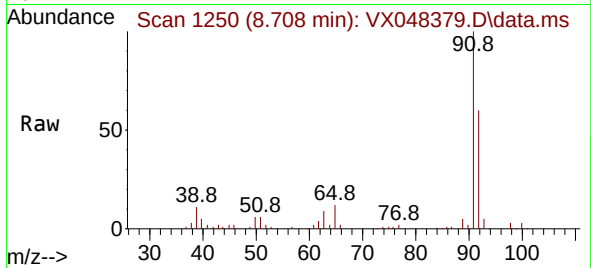




#52
Toluene
Concen: 5.573 ug/l
RT: 8.708 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048379.D
Acq: 27 Oct 2025 17:47

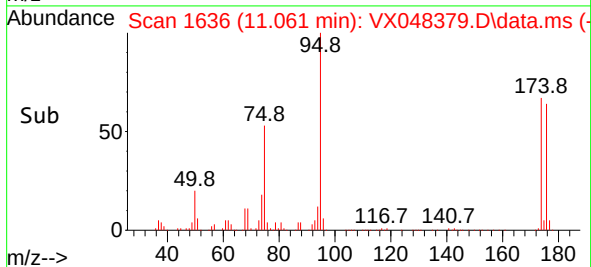
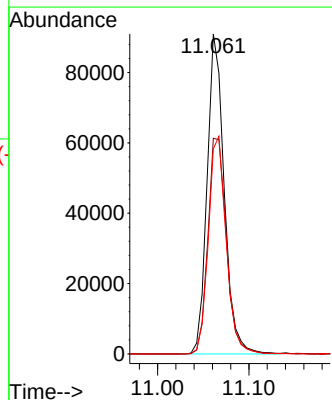
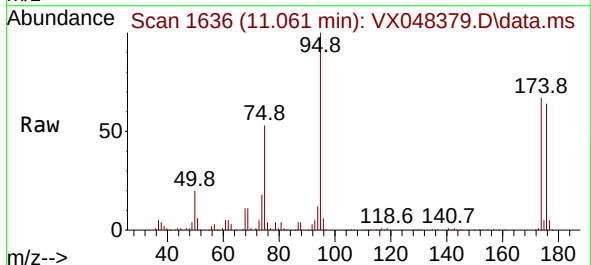
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ClientSampleId :
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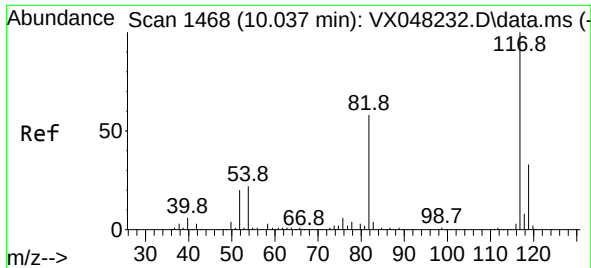
Tgt Ion: 92 Resp: 23620
Ion Ratio Lower Upper
92 100
91 167.3 136.1 204.1



#62
4-Bromofluorobenzene
Concen: 54.758 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048379.D
Acq: 27 Oct 2025 17:47

Tgt Ion: 95 Resp: 118046
Ion Ratio Lower Upper
95 100
174 72.9 0.0 147.8
176 70.8 0.0 142.8

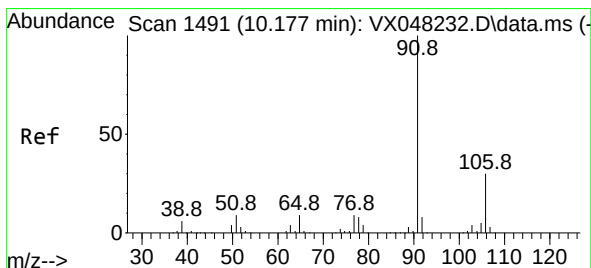
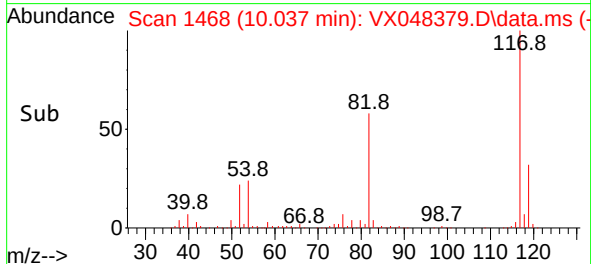
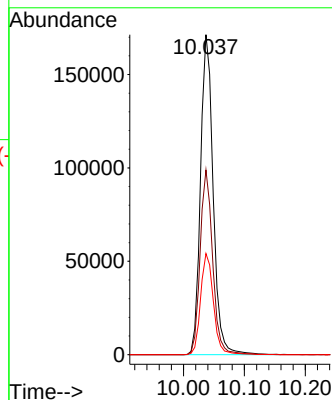
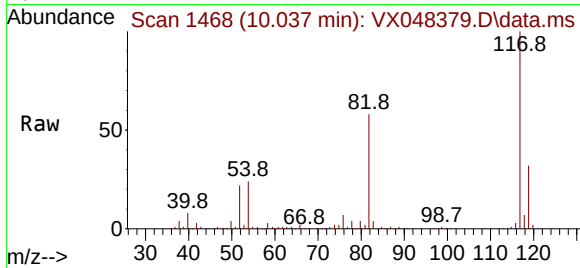




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048379.D
Acq: 27 Oct 2025 17:47

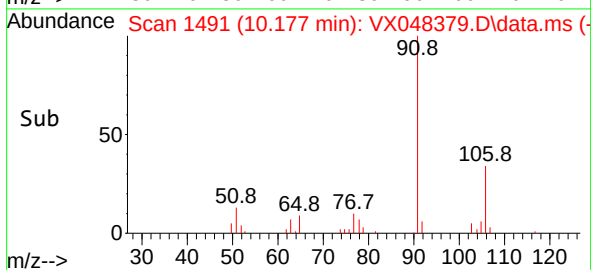
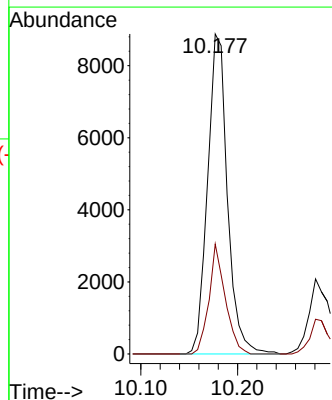
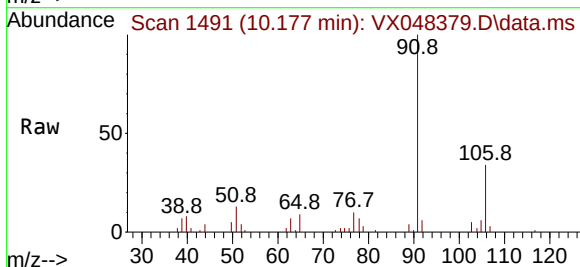
Instrument :
MSVOA_X
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P001-TW4-251023-01

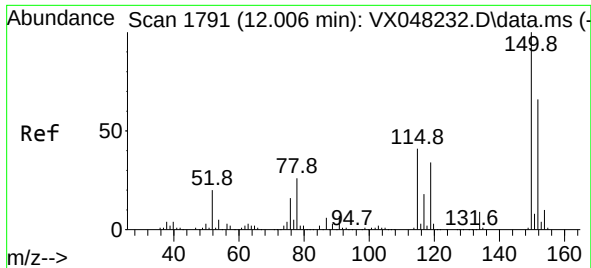
Tgt Ion:117 Resp: 246825
Ion Ratio Lower Upper
117 100
82 57.7 46.5 69.7
119 31.6 25.9 38.9



#67
Ethyl Benzene
Concen: 1.340 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048379.D
Acq: 27 Oct 2025 17:47

Tgt Ion: 91 Resp: 12668
Ion Ratio Lower Upper
91 100
106 34.4 23.8 35.6

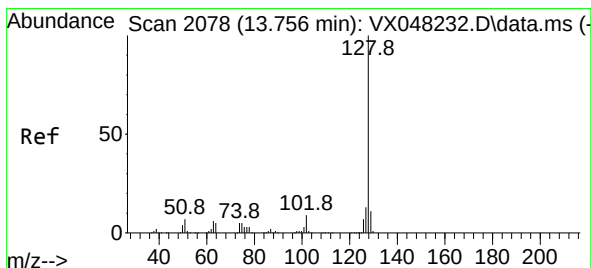
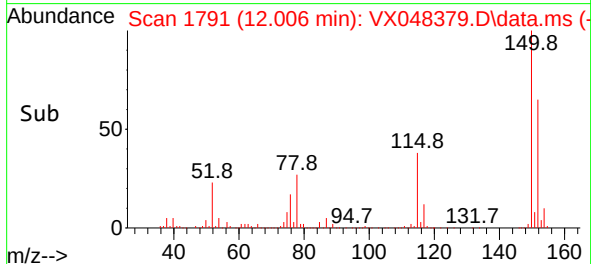
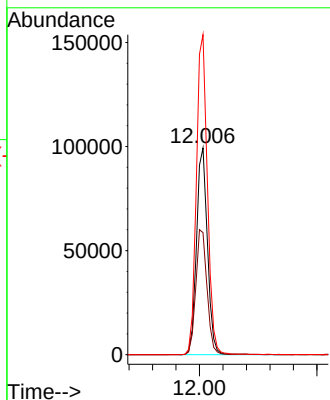
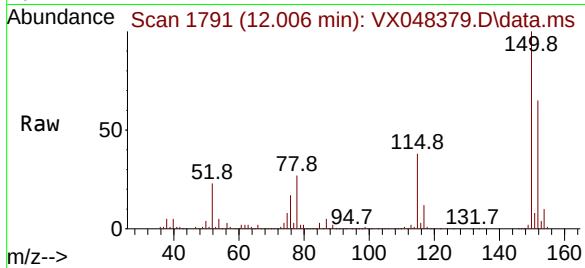




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX048379.D
 Acq: 27 Oct 2025 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 P001-TW4-251023-01

Tgt Ion:152 Resp: 128536
 Ion Ratio Lower Upper
 152 100
 115 61.9 43.1 129.4
 150 156.0 0.0 353.0



#95
 Naphthalene
 Concen: 1.199 ug/l
 RT: 13.756 min Scan# 2078
 Delta R.T. -0.000 min
 Lab File: VX048379.D
 Acq: 27 Oct 2025 17:47

Tgt Ion:128 Resp: 8947
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.2 15.4
 129 11.5 8.6 12.8

