

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100125\
 Data File : VX047936.D
 Acq On : 01 Oct 2025 13:45
 Operator : JC/MD
 Sample : Q3193-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB04-20250923

Quant Time: Oct 03 01:21:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

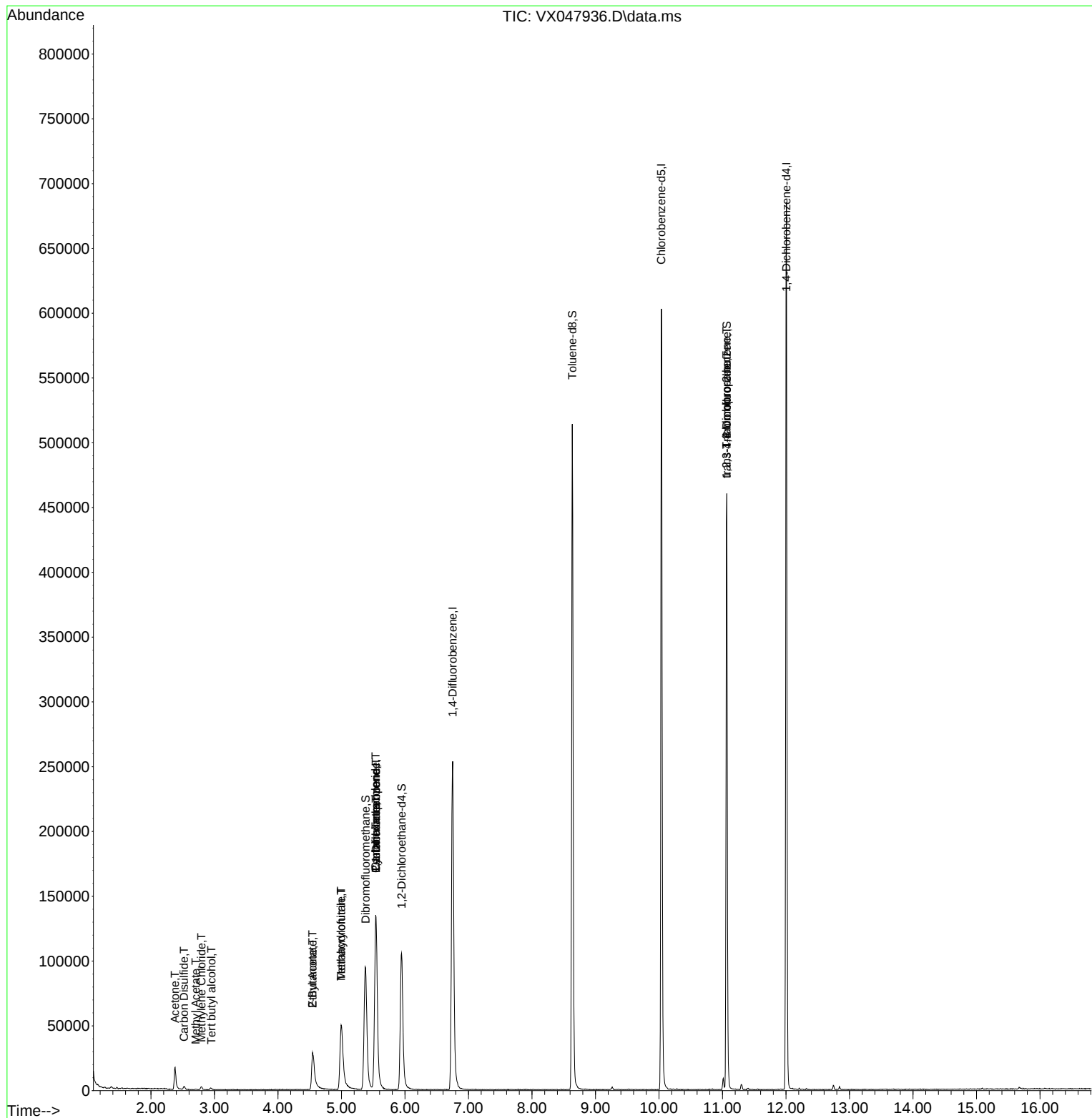
Internal Standards						
1) Pentafluorobenzene	5.544	168	134914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	272484	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	283583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	146064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	115870	53.956	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.920%	
35) Dibromofluoromethane	5.379	113	94315	51.611	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.220%	
50) Toluene-d8	8.635	98	313021	49.503	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.000%	
62) 4-Bromofluorobenzene	11.067	95	136111	56.718	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	519	2.170	ug/l #	72
16) Acetone	2.380	43	22809	24.428	ug/l	94
17) Carbon Disulfide	2.520	76	1930	0.440	ug/l #	87
18) Methyl Acetate	2.703	43	432	0.208	ug/l #	54
20) Methylene Chloride	2.794	84	1062	0.537	ug/l	89
25) 2-Butanone	4.544	43	61512	52.813	ug/l	97
29) Tetrahydrofuran	4.995	42	56298	80.349	ug/l	98
31) Cyclohexane	5.544	56	3111	1.096	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11518	4.313	ug/l #	50
37) Ethyl Acetate	4.544	43	61512	21.514	ug/l #	71
38) Carbon Tetrachloride	5.538	117	14564	5.020	ug/l #	18
41) Methacrylonitrile	4.995	41	33515	22.706	ug/l #	44
76) 1,2,3-Trichloropropane	11.061	75	70900	23.974	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	70900	61.138	ug/l #	8

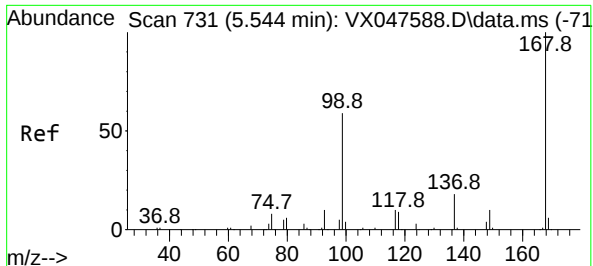
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100125\
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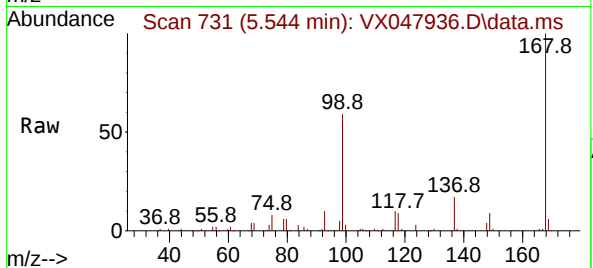
Quant Time: Oct 03 01:21:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



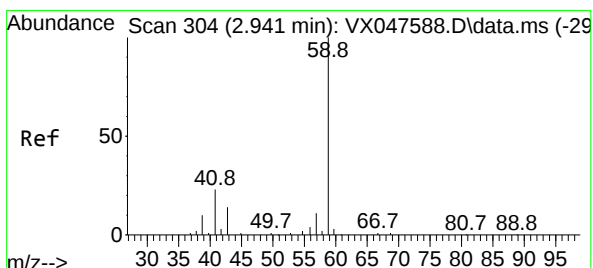
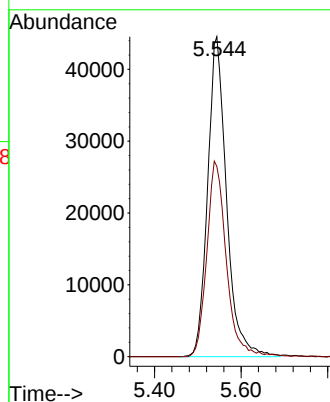
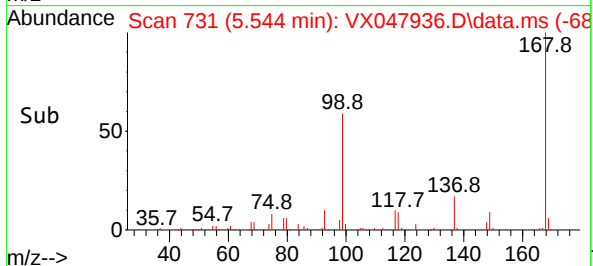


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX047936.D
Acq: 01 Oct 2025 13:45

Instrument :
MSVOA_X
ClientSampleId :
EB04-20250923

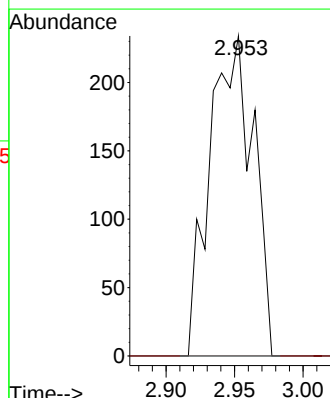
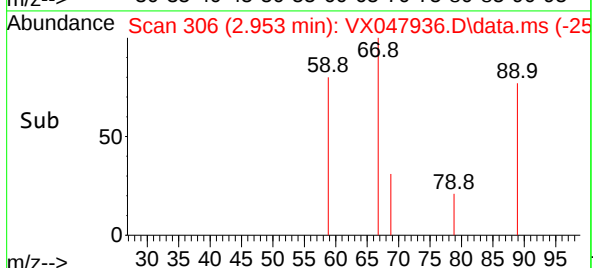
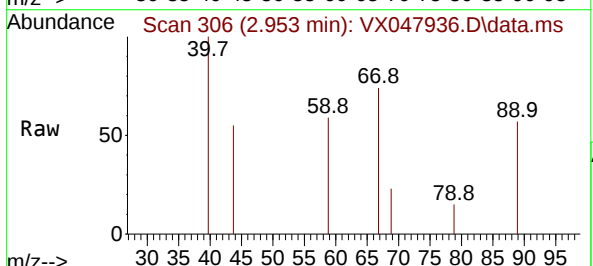


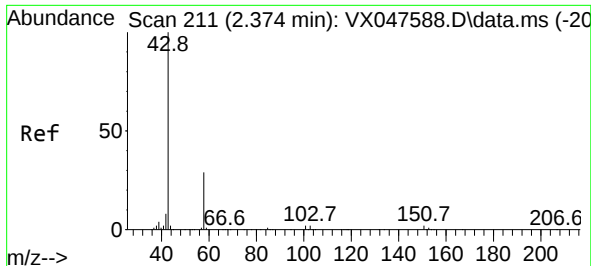
Tgt Ion:168 Resp: 134914
Ion Ratio Lower Upper
168 100
99 59.4 48.8 73.2



#11
Tert butyl alcohol
Concen: 2.170 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.012 min
Lab File: VX047936.D
Acq: 01 Oct 2025 13:45

Tgt Ion: 59 Resp: 519
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

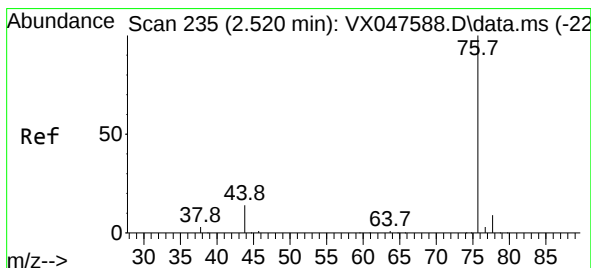
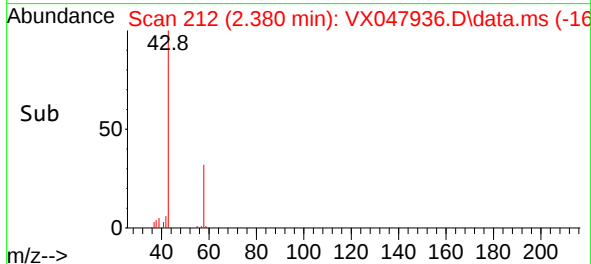
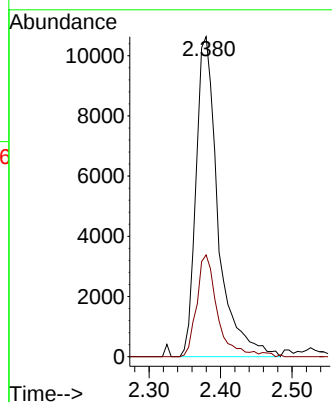
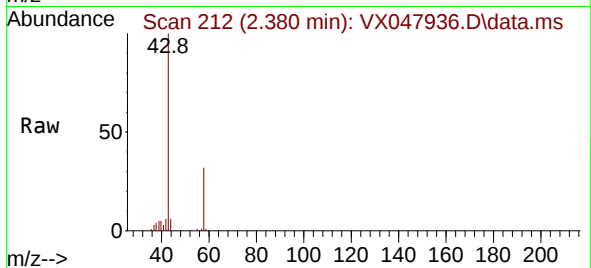




#16
Acetone
Concen: 24.428 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047936.D
Acq: 01 Oct 2025 13:45

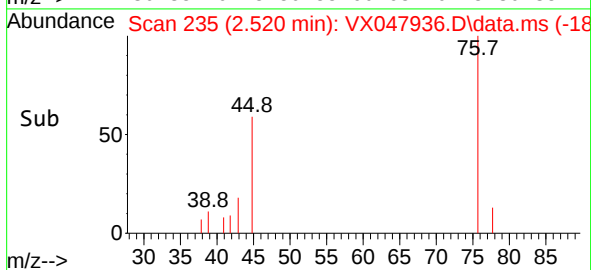
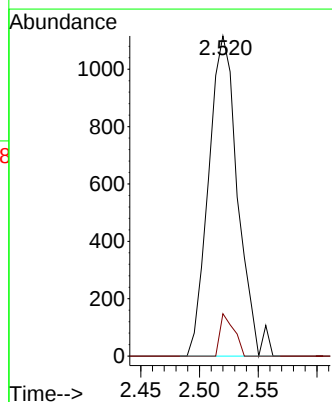
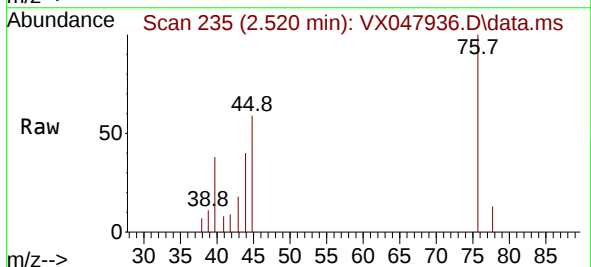
Instrument :
MSVOA_X
ClientSampleId :
EB04-20250923

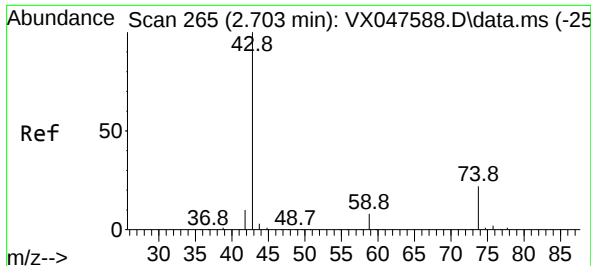
Tgt Ion: 43 Resp: 22809
Ion Ratio Lower Upper
43 100
58 32.5 23.4 35.0



#17
Carbon Disulfide
Concen: 0.440 ug/l
RT: 2.520 min Scan# 235
Delta R.T. -0.000 min
Lab File: VX047936.D
Acq: 01 Oct 2025 13:45

Tgt Ion: 76 Resp: 1930
Ion Ratio Lower Upper
76 100
78 13.3 6.8 10.2#

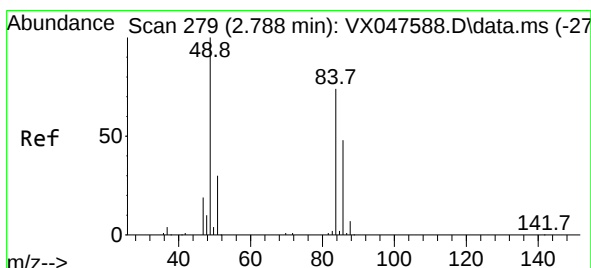
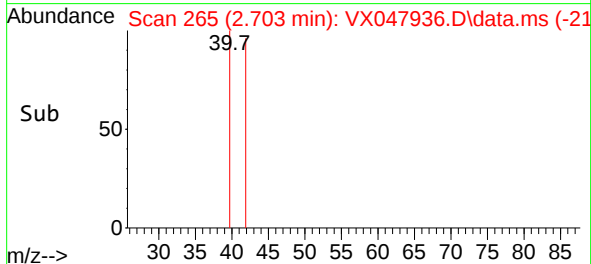
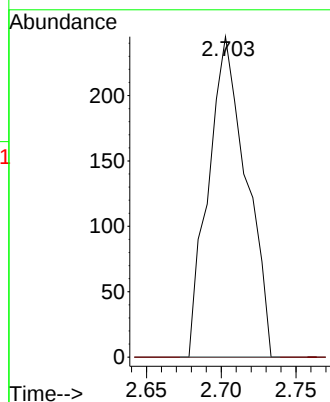
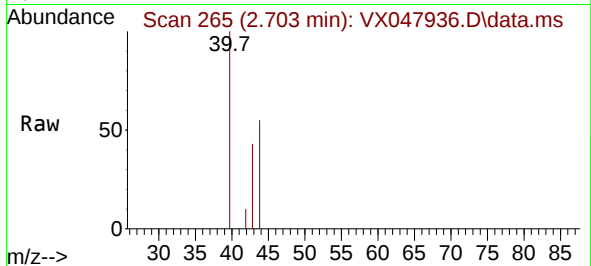




#18
Methyl Acetate
Concen: 0.208 ug/l
RT: 2.703 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047936.D
Acq: 01 Oct 2025 13:45

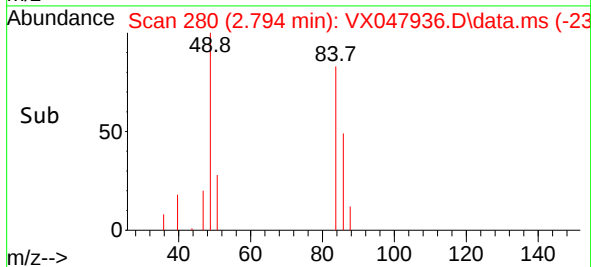
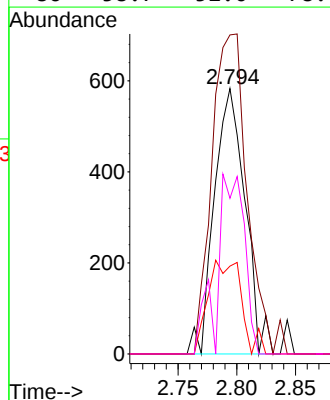
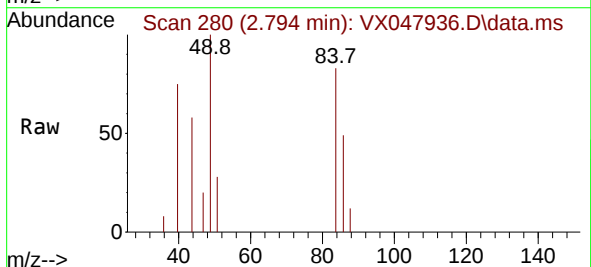
Instrument :
MSVOA_X
ClientSampleId :
EB04-20250923

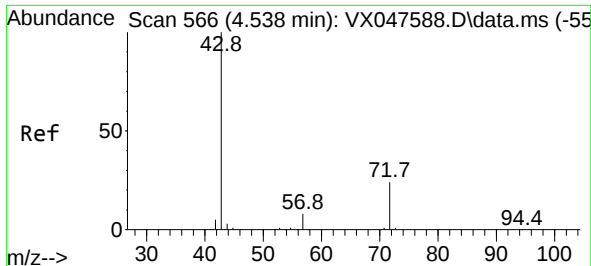
Tgt Ion: 43 Resp: 432
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#



#20
Methylene Chloride
Concen: 0.537 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX047936.D
Acq: 01 Oct 2025 13:45

Tgt Ion: 84 Resp: 1062
Ion Ratio Lower Upper
84 100
49 120.2 108.6 162.8
51 33.1 32.6 48.8
86 58.7 52.0 78.0

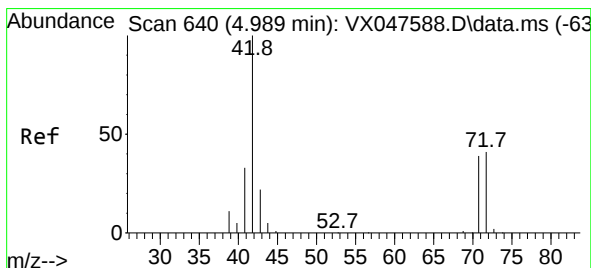
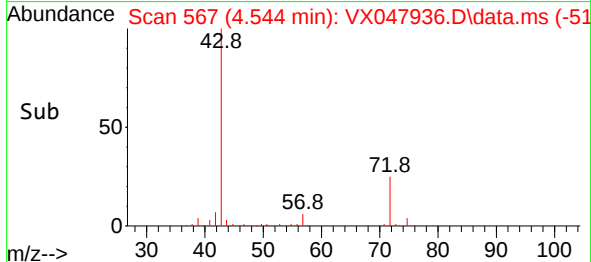
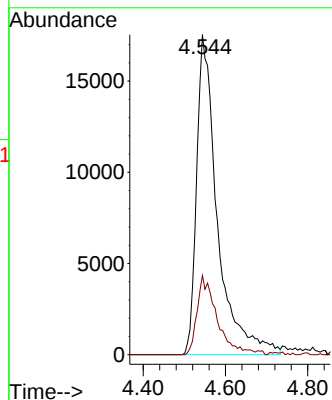
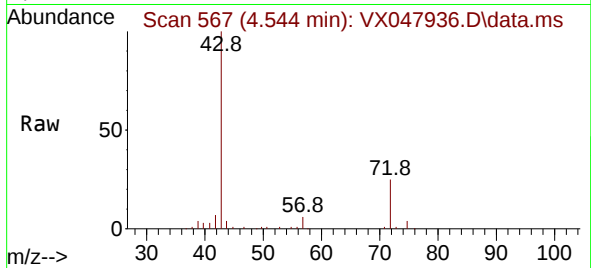




#25
2-Butanone
Concen: 52.813 ug/l
RT: 4.544 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX047936.D
Acq: 01 Oct 2025 13:45

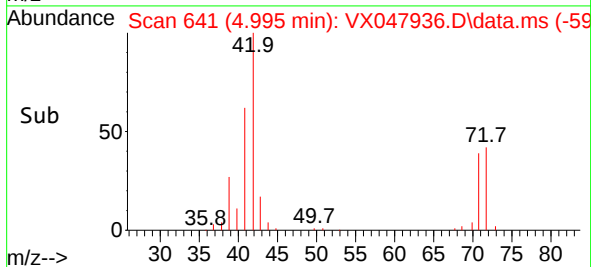
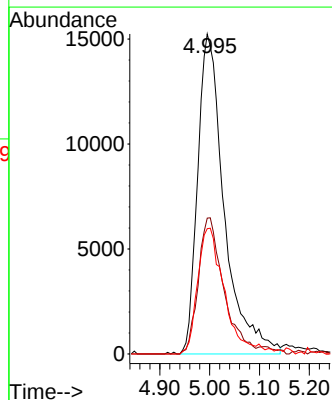
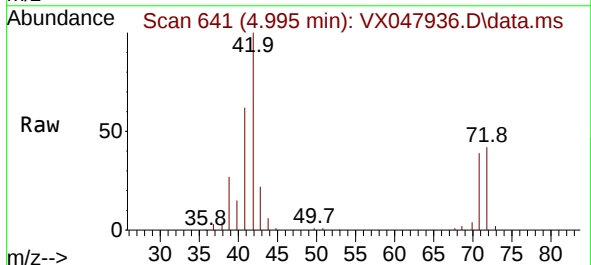
Instrument :
MSVOA_X
ClientSampleId :
EB04-20250923

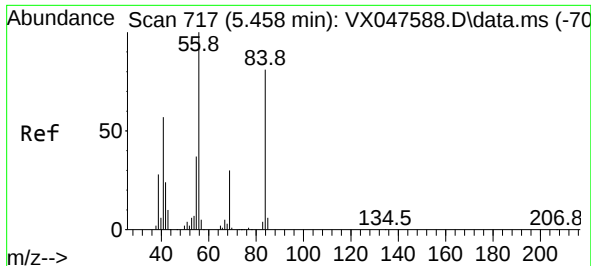
Tgt Ion: 43 Resp: 61512
Ion Ratio Lower Upper
43 100
72 23.8 20.1 30.1



#29
Tetrahydrofuran
Concen: 80.349 ug/l
RT: 4.995 min Scan# 641
Delta R.T. 0.006 min
Lab File: VX047936.D
Acq: 01 Oct 2025 13:45

Tgt Ion: 42 Resp: 56298
Ion Ratio Lower Upper
42 100
72 40.5 34.2 51.2
71 40.0 31.9 47.9

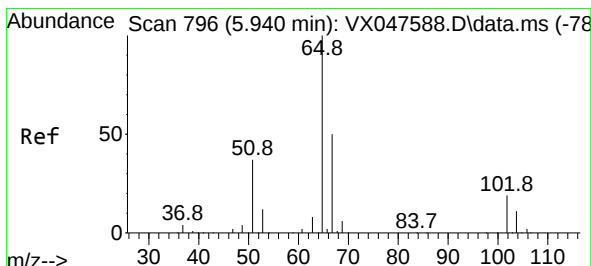
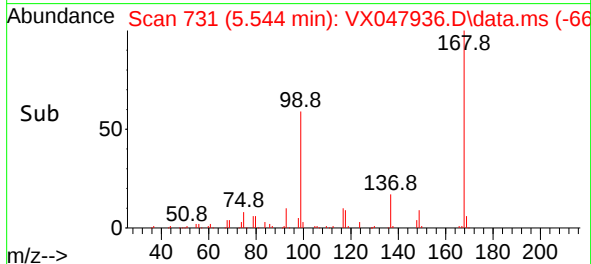
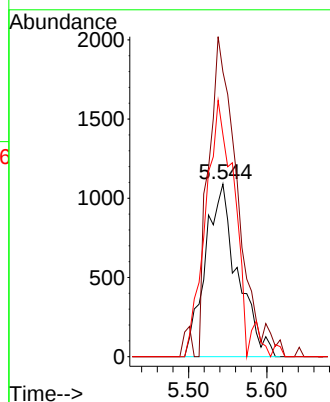
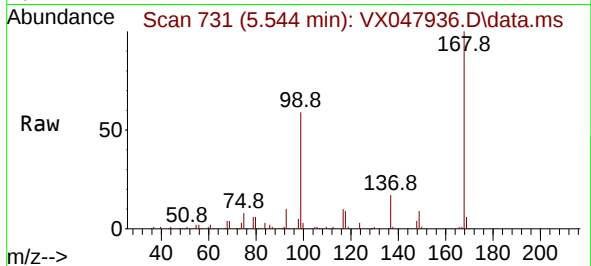




#31
Cyclohexane
Concen: 1.096 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX047936.D
Acq: 01 Oct 2025 13:45

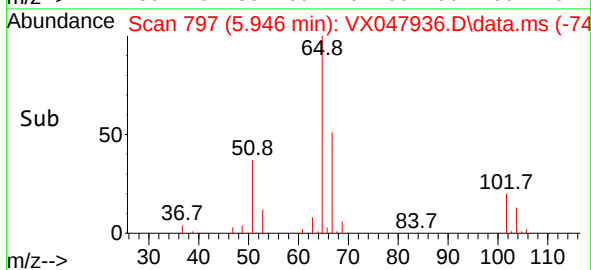
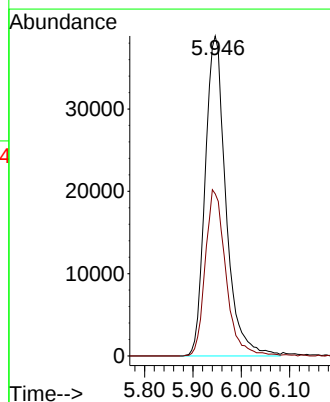
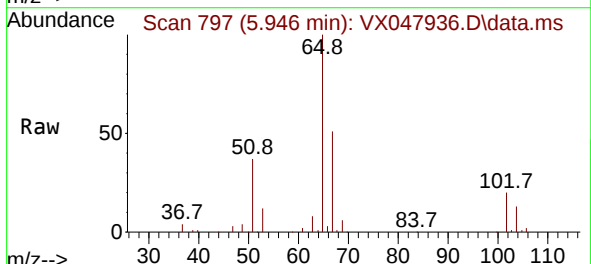
Instrument :
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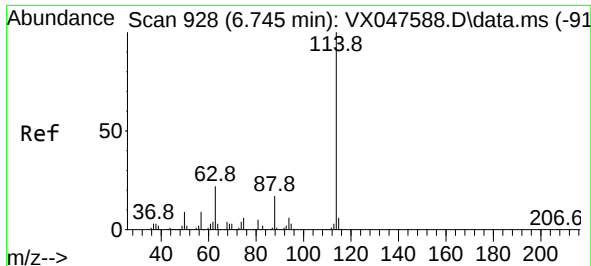
Tgt Ion: 56 Resp: 3111
Ion Ratio Lower Upper
56 100
69 165.0 23.8 35.8#
84 128.6 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 53.956 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047936.D
Acq: 01 Oct 2025 13:45

Tgt Ion: 65 Resp: 115870
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0

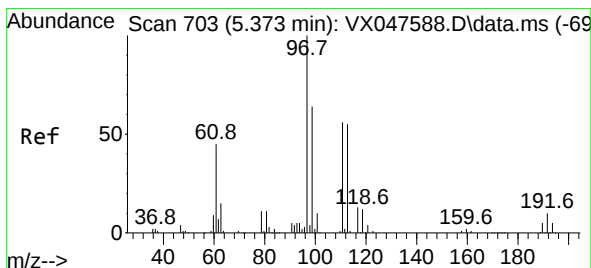
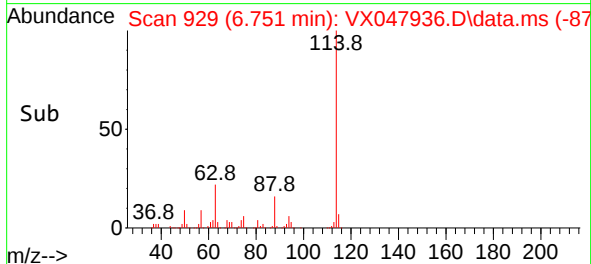
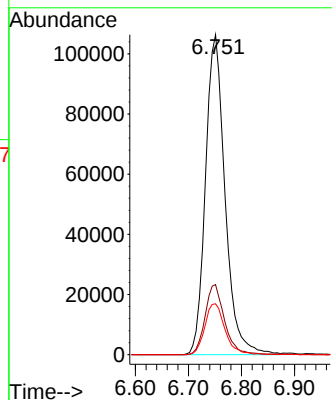
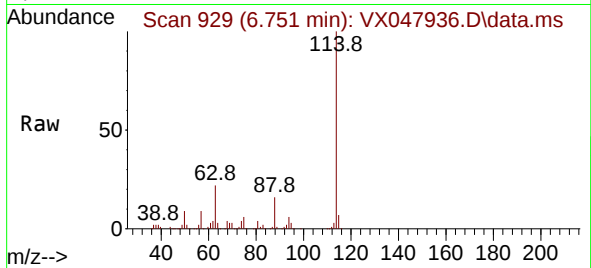




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047936.D
Acq: 01 Oct 2025 13:45

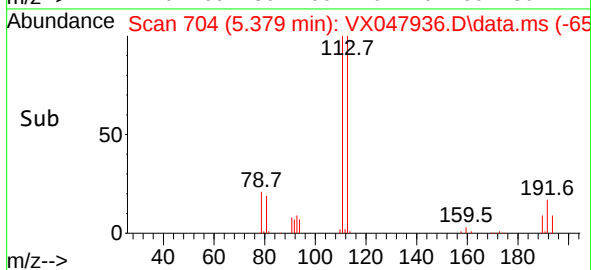
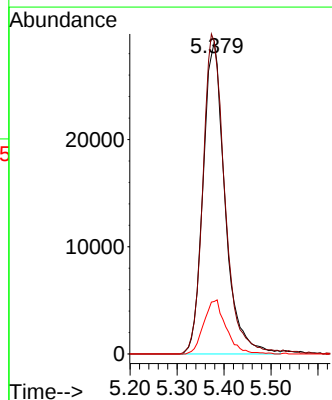
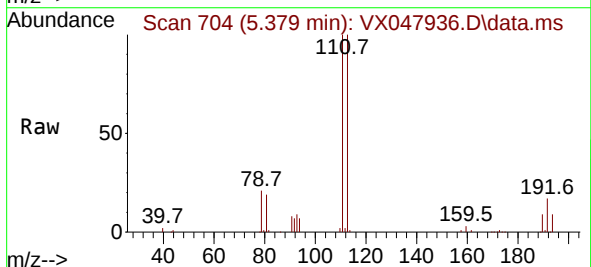
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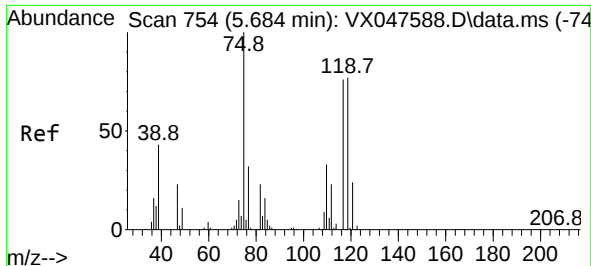
Tgt Ion:114 Resp: 272484
Ion Ratio Lower Upper
114 100
63 21.9 0.0 44.0
88 15.9 0.0 34.2



#35
Dibromofluoromethane
Concen: 51.611 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047936.D
Acq: 01 Oct 2025 13:45

Tgt Ion:113 Resp: 94315
Ion Ratio Lower Upper
113 100
111 101.9 80.9 121.3
192 17.6 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.313 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX047936.D

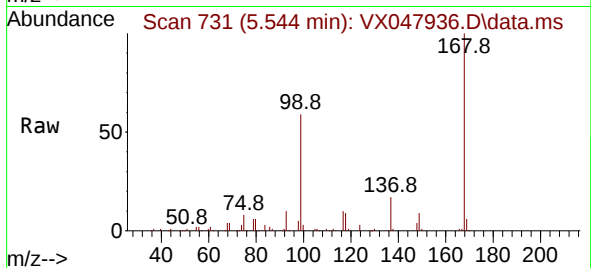
Acq: 01 Oct 2025 13:45

Instrument :

MSVOA_X

ClientSampleId :

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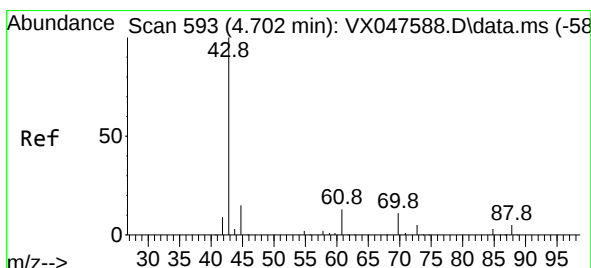
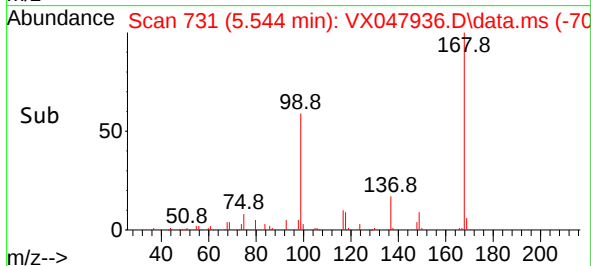
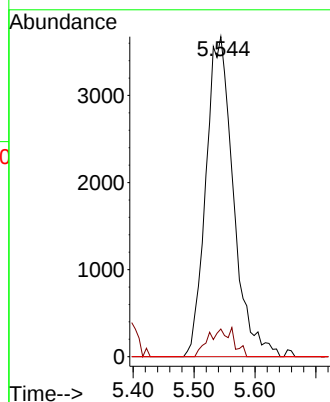
Tgt Ion: 75 Resp: 11518

Ion Ratio Lower Upper

75 100

110 8.0 16.7 50.1#

77 0.0 24.3 36.5#



#37

Ethyl Acetate

Concen: 21.514 ug/l

RT: 4.544 min Scan# 567

Delta R.T. -0.159 min

Lab File: VX047936.D

Acq: 01 Oct 2025 13:45

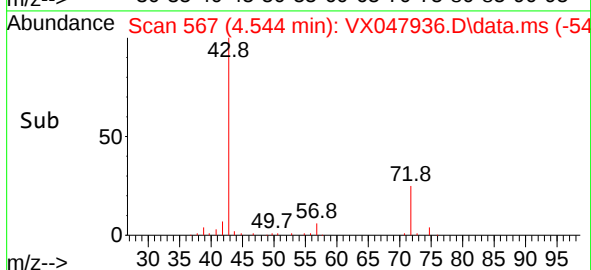
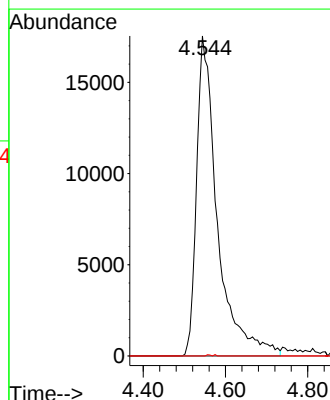
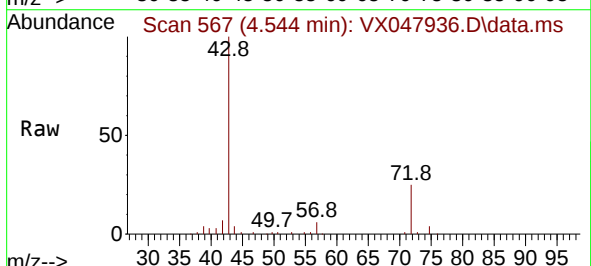
Tgt Ion: 43 Resp: 61512

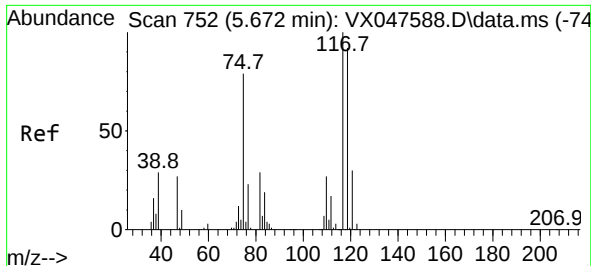
Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.8#

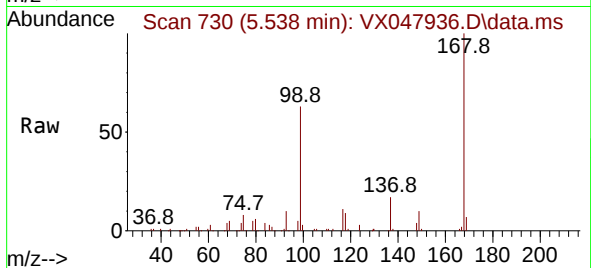
70 0.1 7.9 11.9#



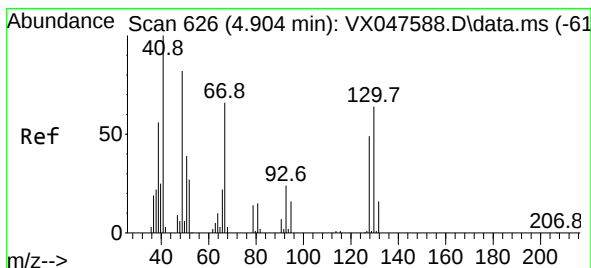
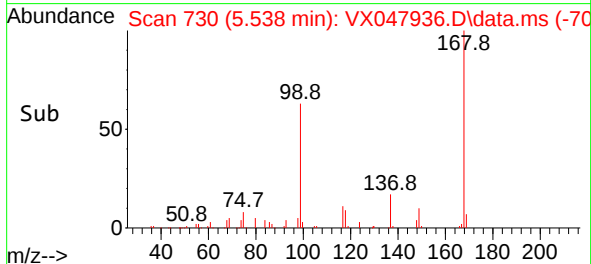
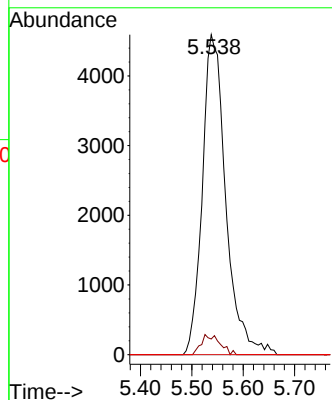


#38
Carbon Tetrachloride
Concen: 5.020 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX047936.D
Acq: 01 Oct 2025 13:45

Instrument :
MSVOA_X
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EB04-20250923

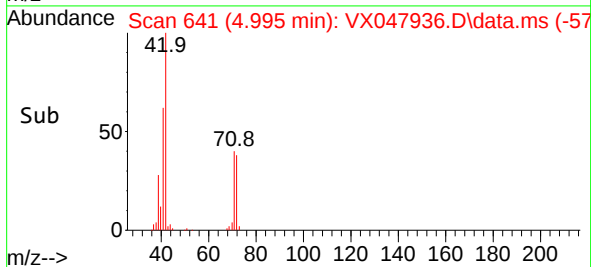
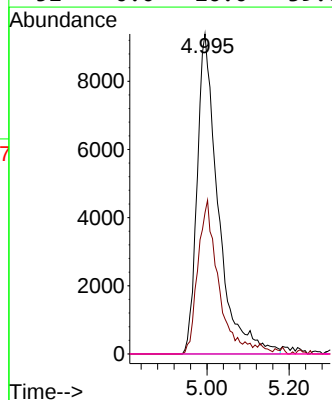
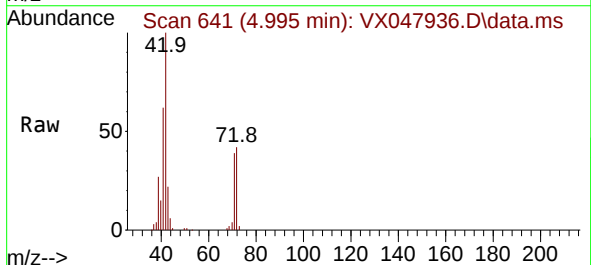


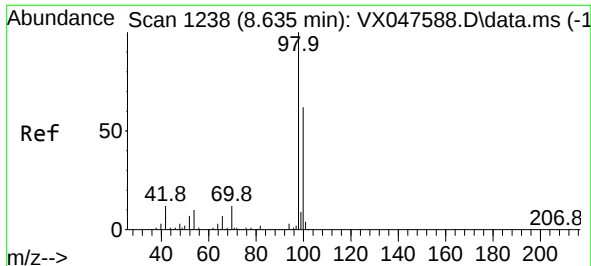
Tgt Ion:117 Resp: 14564
Ion Ratio Lower Upper
117 100
119 4.9 73.4 110.2#
121 0.0 23.8 35.6#



#41
Methacrylonitrile
Concen: 22.706 ug/l
RT: 4.995 min Scan# 641
Delta R.T. 0.091 min
Lab File: VX047936.D
Acq: 01 Oct 2025 13:45

Tgt Ion: 41 Resp: 33515
Ion Ratio Lower Upper
41 100
39 45.1 43.3 64.9
67 0.0 58.6 87.8#
52 0.0 26.0 39.0#

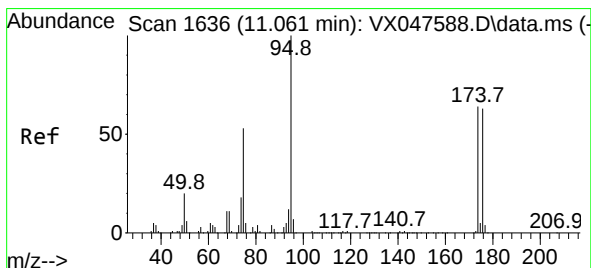
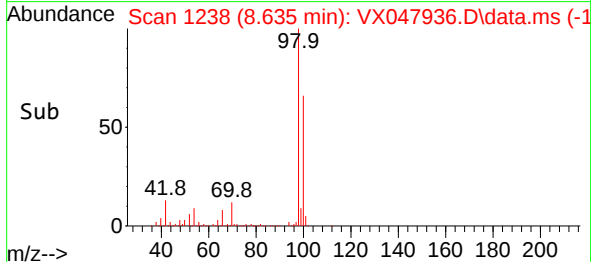
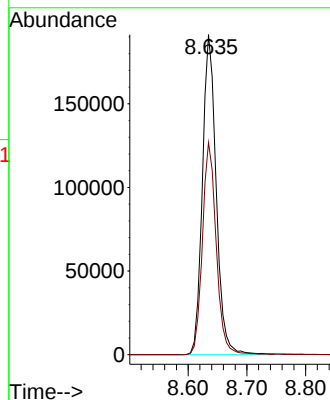
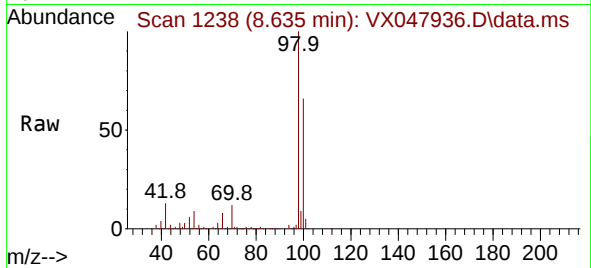




#50
Toluene-d8
Concen: 49.503 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047936.D
Acq: 01 Oct 2025 13:45

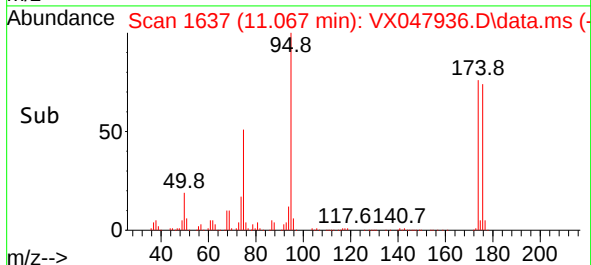
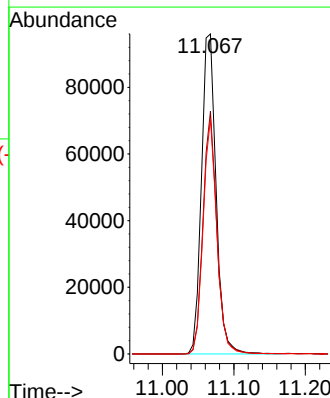
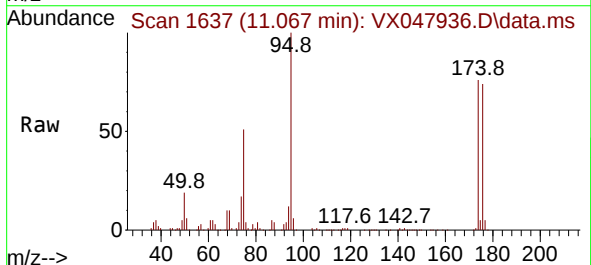
Instrument :
MSVOA_X
ClientSampleId :
EB04-20250923

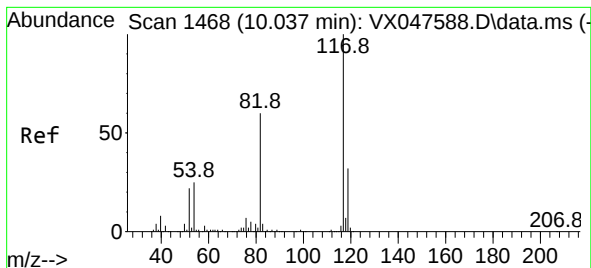
Tgt Ion: 98 Resp: 313021
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.718 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047936.D
Acq: 01 Oct 2025 13:45

Tgt Ion: 95 Resp: 136111
Ion Ratio Lower Upper
95 100
174 71.9 0.0 141.6
176 69.4 0.0 138.4

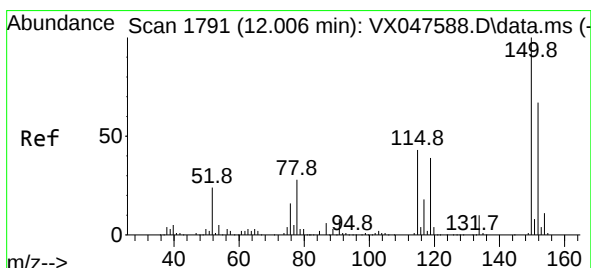
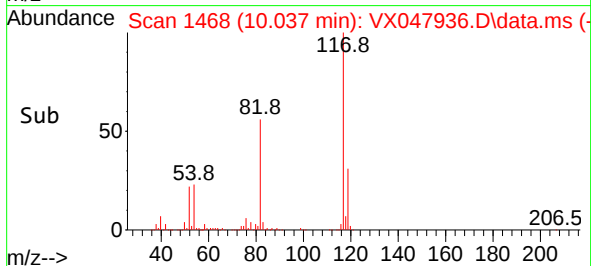
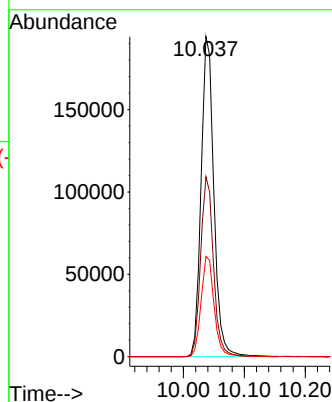
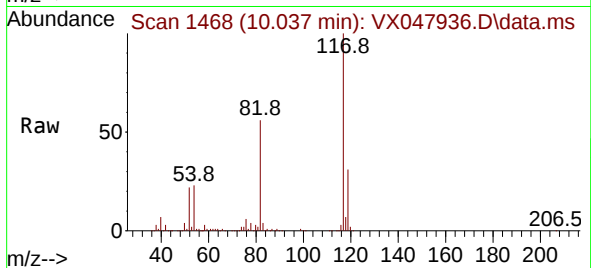




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047936.D
Acq: 01 Oct 2025 13:45

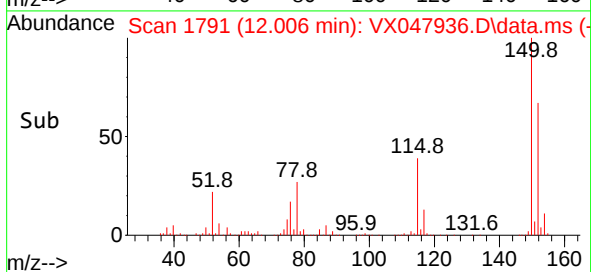
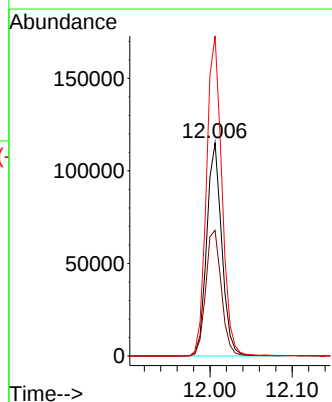
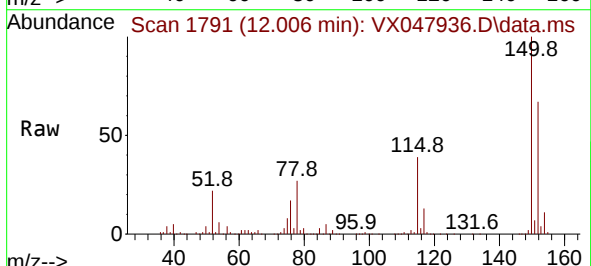
Instrument :
MSVOA_X
ClientSampleId :
EB04-20250923

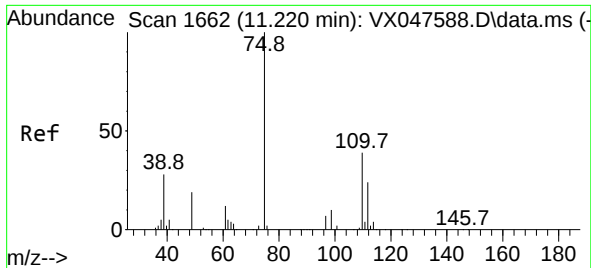
Tgt Ion:117 Resp: 283583
Ion Ratio Lower Upper
117 100
82 56.2 47.8 71.6
119 31.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047936.D
Acq: 01 Oct 2025 13:45

Tgt Ion:152 Resp: 146064
Ion Ratio Lower Upper
152 100
115 61.4 44.9 134.5
150 154.6 0.0 352.0

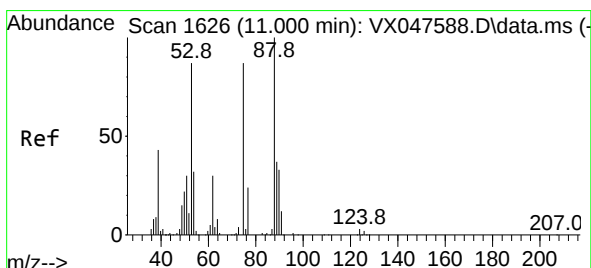
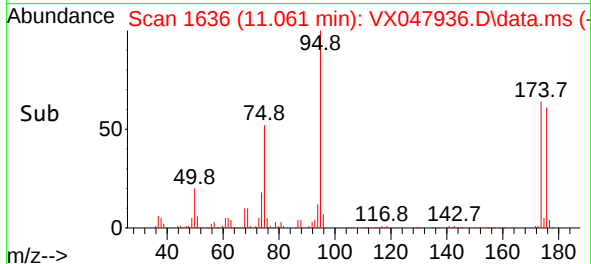
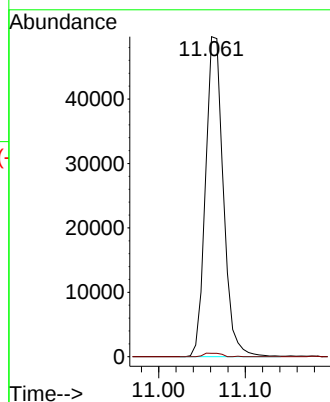
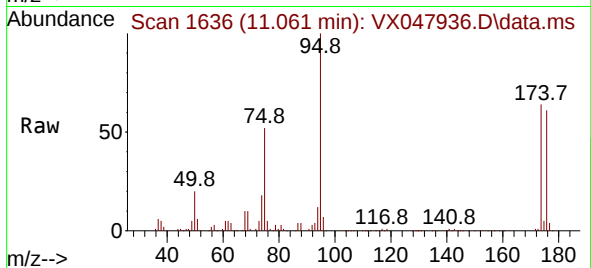




#76
1,2,3-Trichloropropane
Concen: 23.974 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047936.D
Acq: 01 Oct 2025 13:45

Instrument :
MSVOA_X
ClientSampleId :
EB04-20250923

Tgt Ion: 75 Resp: 70900
Ion Ratio Lower Upper
75 100
77 1.1 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.138 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX047936.D
Acq: 01 Oct 2025 13:45

Tgt Ion: 75 Resp: 70900
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#

