

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
 Data File : VX047966.D
 Acq On : 02 Oct 2025 14:29
 Operator : JC/MD
 Sample : Q3194-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB06-20250924

Quant Time: Oct 03 03:31:11 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)

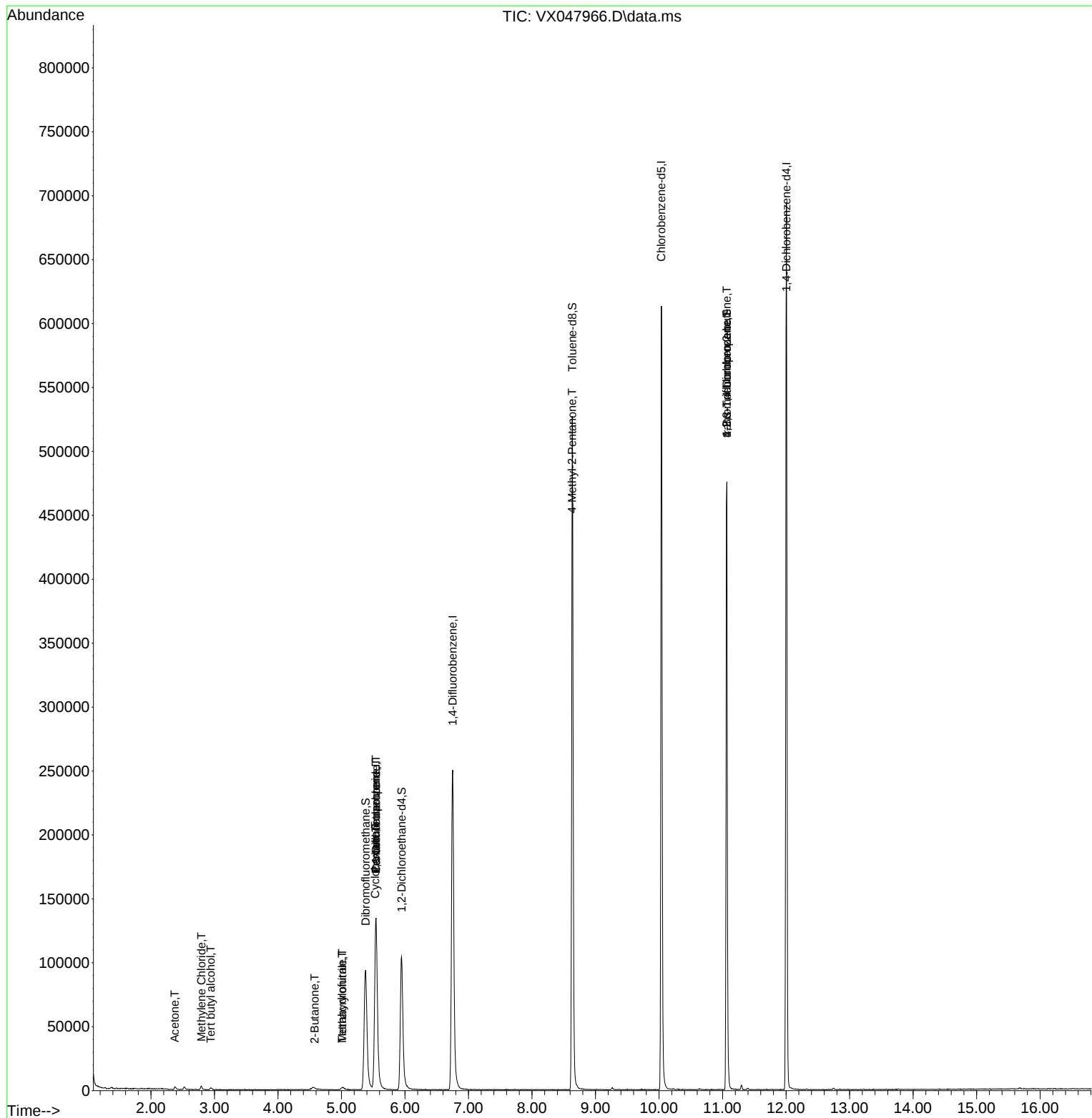
Internal Standards						
1) Pentafluorobenzene	5.543	168	133646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	277705	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	281384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	144409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	113976	53.578	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.160%	
35) Dibromofluoromethane	5.379	113	93086	49.981	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.960%	
50) Toluene-d8	8.634	98	316867	49.169	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.340%	
62) 4-Bromofluorobenzene	11.067	95	137657	56.284	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.560%	
Target Compounds						Qvalue
11) Tert butyl alcohol	2.940	59	663	2.798	ug/l #	72
16) Acetone	2.373	43	2922	3.159	ug/l	90
20) Methylene Chloride	2.794	84	1339	0.684	ug/l	90
25) 2-Butanone	4.574	43	1678	1.454	ug/l #	81
29) Tetrahydrofuran	5.007	42	782	1.127	ug/l #	91
31) Cyclohexane	5.531	56	2808	0.999	ug/l #	16
36) 1,1-Dichloropropene	5.543	75	11244	4.132	ug/l #	52
38) Carbon Tetrachloride	5.543	117	14741	4.985	ug/l #	17
41) Methacrylonitrile	5.013	41	1127	0.749	ug/l #	38
51) 4-Methyl-2-Pentanone	8.628	43	1739	0.656	ug/l #	1
76) 1,2,3-Trichloropropane	11.067	75	72537	24.809	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.067	75	72537	63.266	ug/l #	8

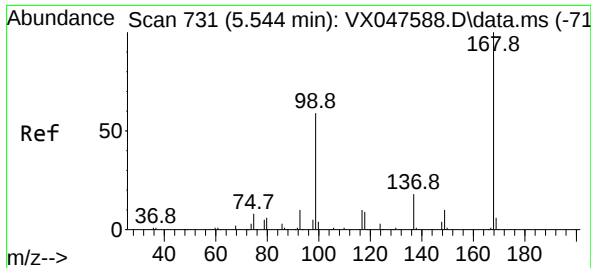
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

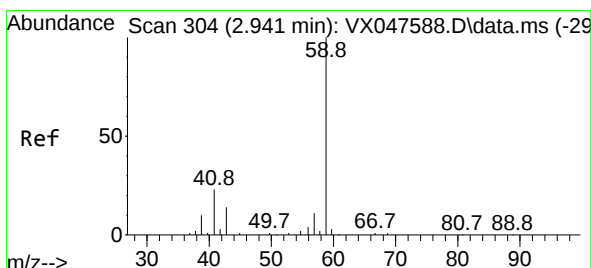
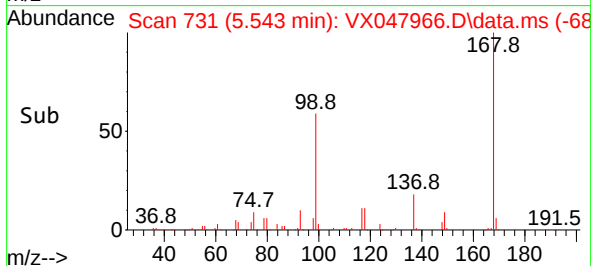
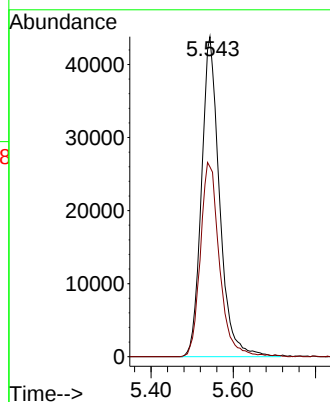
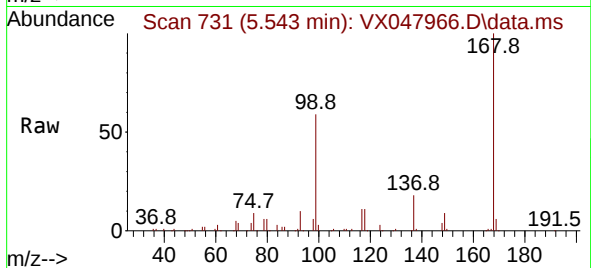




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX047966.D
Acq: 02 Oct 2025 14:29

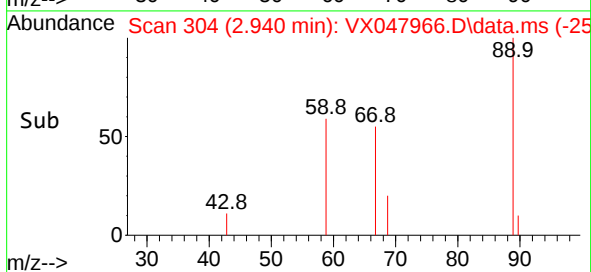
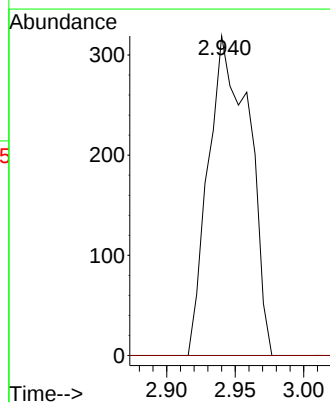
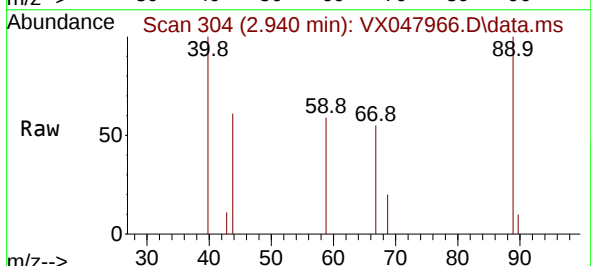
Instrument :
MSVOA_X
ClientSampleId :
EB06-20250924

Tgt Ion:168 Resp: 133646
Ion Ratio Lower Upper
168 100
99 59.3 48.8 73.2



#11
Tert butyl alcohol
Concen: 2.798 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.001 min
Lab File: VX047966.D
Acq: 02 Oct 2025 14:29

Tgt Ion: 59 Resp: 663
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

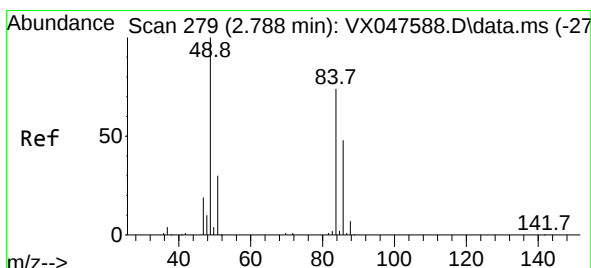
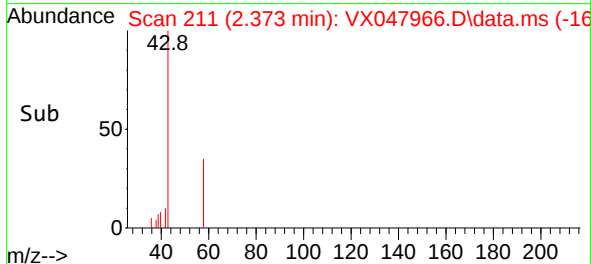
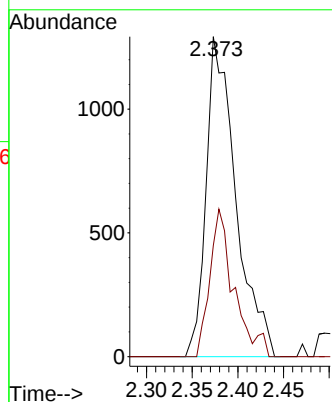
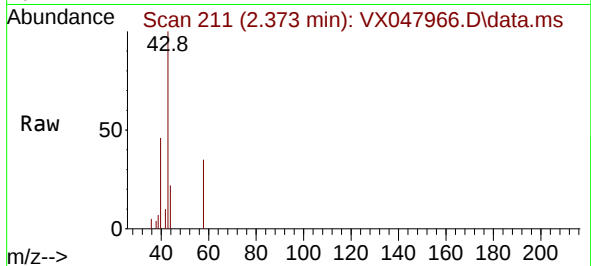




#16
Acetone
Concen: 3.159 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047966.D
Acq: 02 Oct 2025 14:29

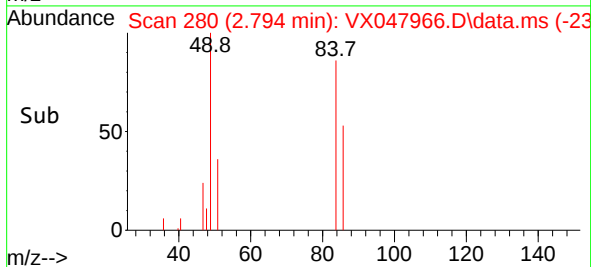
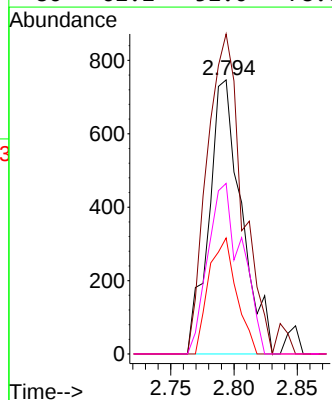
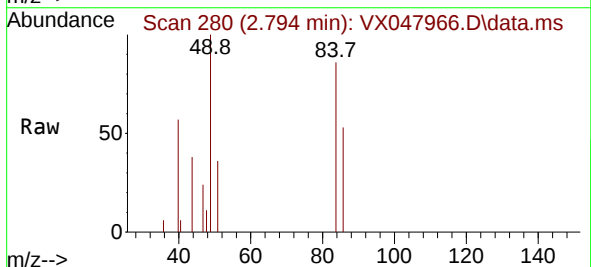
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MSVOA_X
ClientSampleId :
EB06-20250924

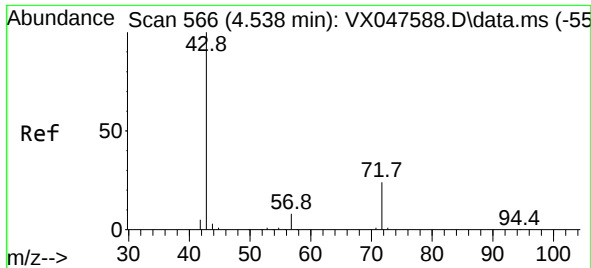
Tgt Ion: 43 Resp: 2922
Ion Ratio Lower Upper
43 100
58 34.7 23.4 35.0



#20
Methylene Chloride
Concen: 0.684 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX047966.D
Acq: 02 Oct 2025 14:29

Tgt Ion: 84 Resp: 1339
Ion Ratio Lower Upper
84 100
49 116.7 108.6 162.8
51 42.3 32.6 48.8
86 62.2 52.0 78.0

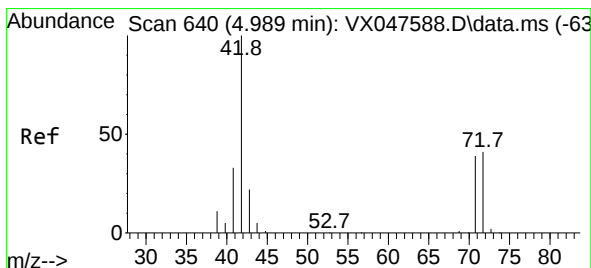
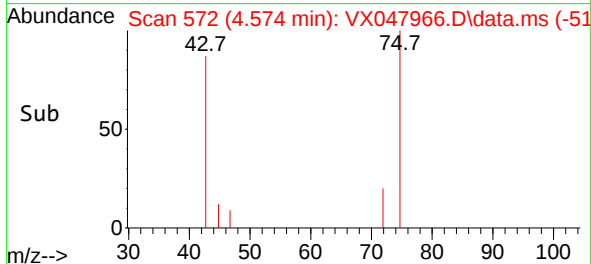
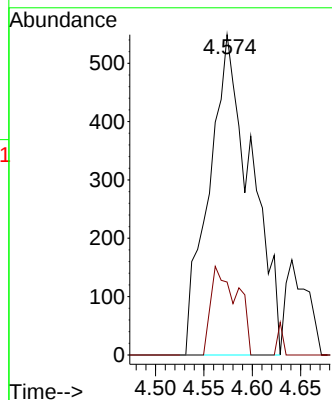
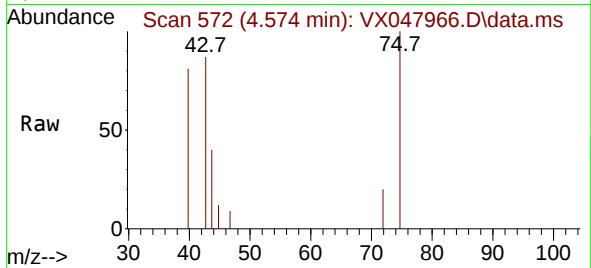




#25
2-Butanone
Concen: 1.454 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.036 min
Lab File: VX047966.D
Acq: 02 Oct 2025 14:29

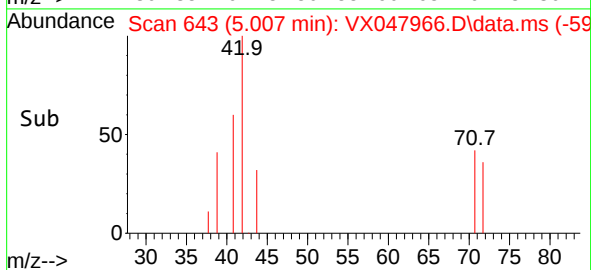
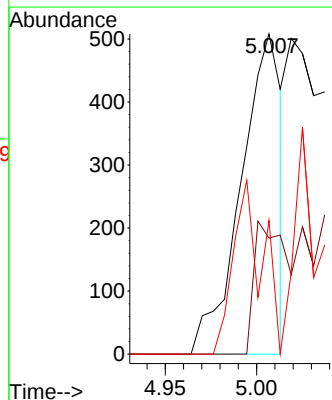
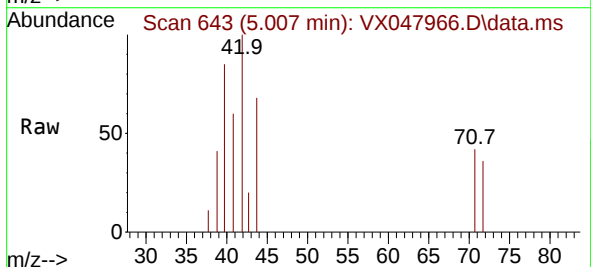
Instrument :
MSVOA_X
ClientSampleId :
EB06-20250924

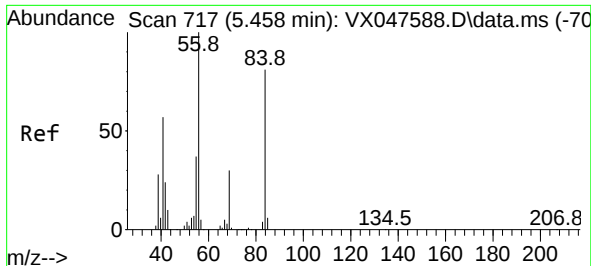
Tgt Ion: 43 Resp: 1678
Ion Ratio Lower Upper
43 100
72 15.6 20.1 30.1#



#29
Tetrahydrofuran
Concen: 1.127 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.018 min
Lab File: VX047966.D
Acq: 02 Oct 2025 14:29

Tgt Ion: 42 Resp: 782
Ion Ratio Lower Upper
42 100
72 33.2 34.2 51.2#
71 38.6 31.9 47.9

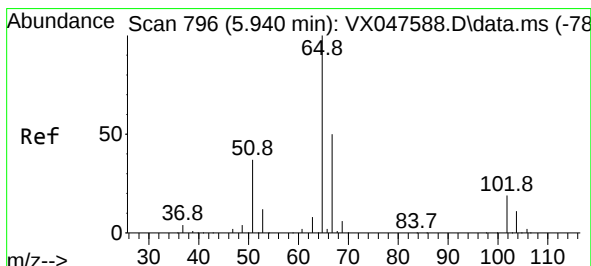
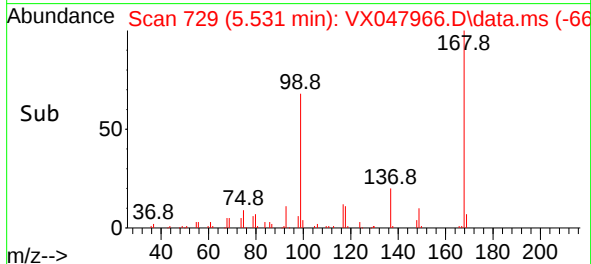
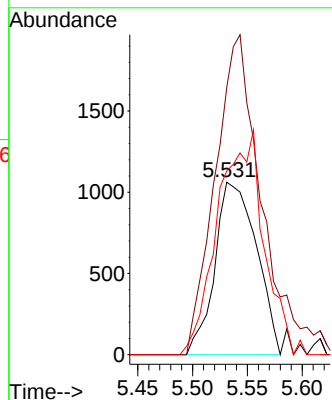
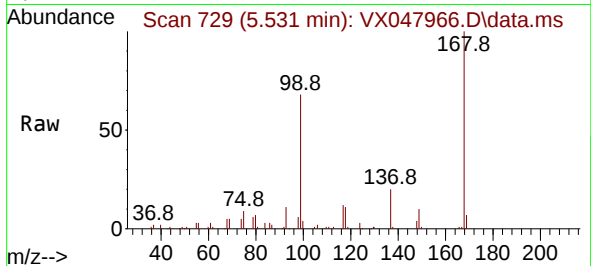




#31
Cyclohexane
Concen: 0.999 ug/l
RT: 5.531 min Scan# 717
Delta R.T. 0.073 min
Lab File: VX047966.D
Acq: 02 Oct 2025 14:29

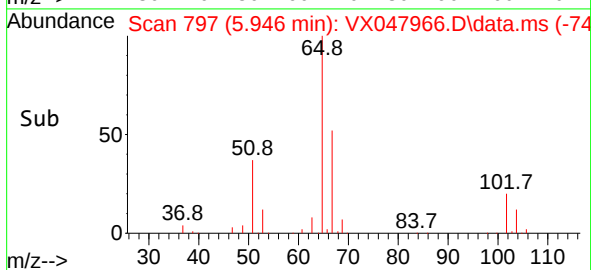
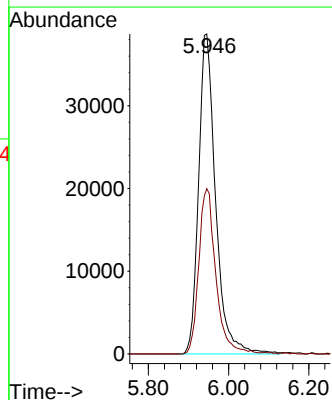
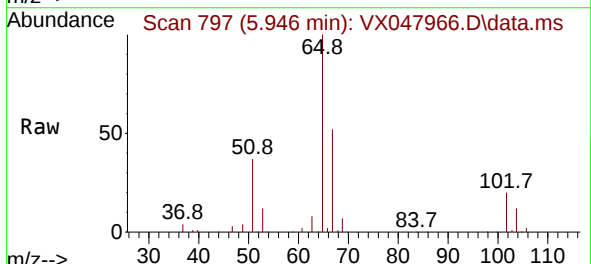
Instrument :
MSVOA_X
ClientSampleId :
EB06-20250924

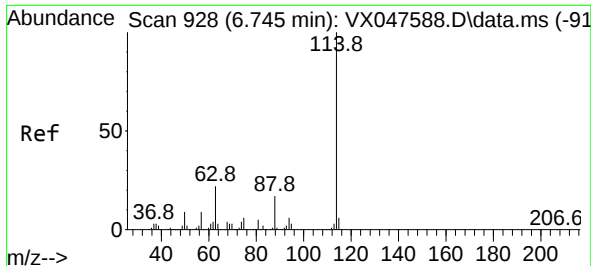
Tgt Ion: 56 Resp: 2808
Ion Ratio Lower Upper
56 100
69 155.0 23.8 35.8#
84 106.6 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 53.578 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047966.D
Acq: 02 Oct 2025 14:29

Tgt Ion: 65 Resp: 113976
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.0

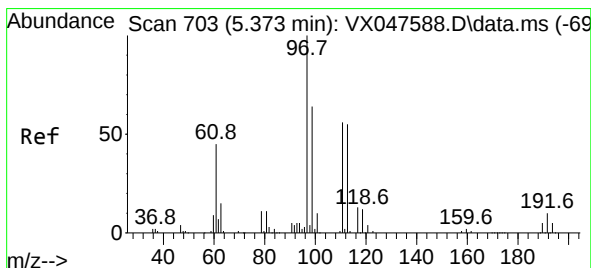
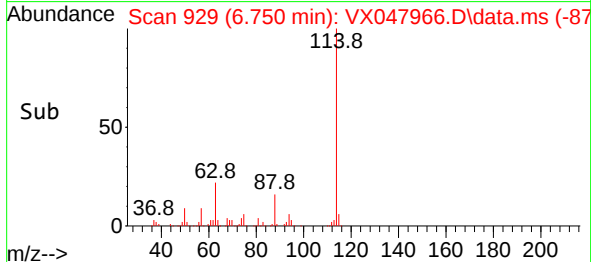
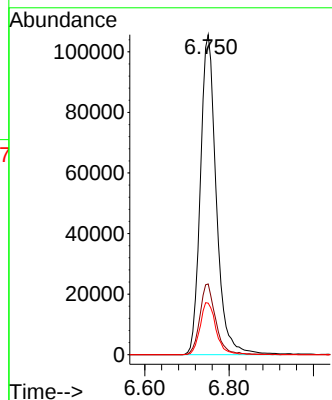
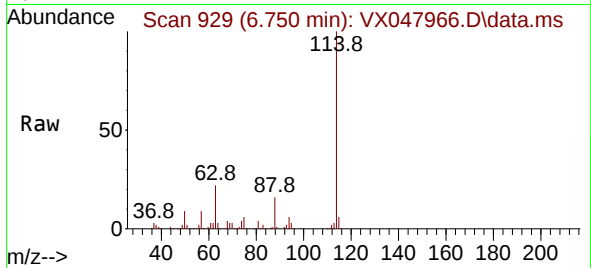




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.750 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047966.D
Acq: 02 Oct 2025 14:29

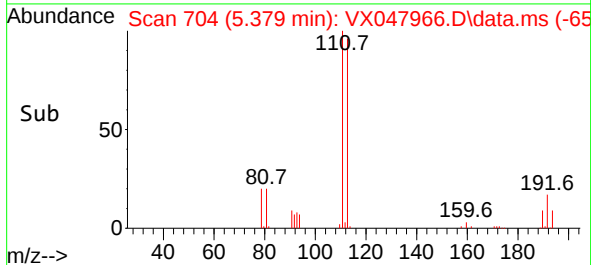
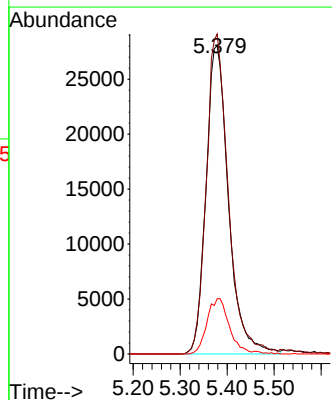
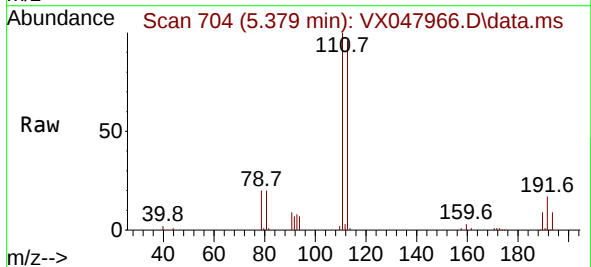
Instrument :
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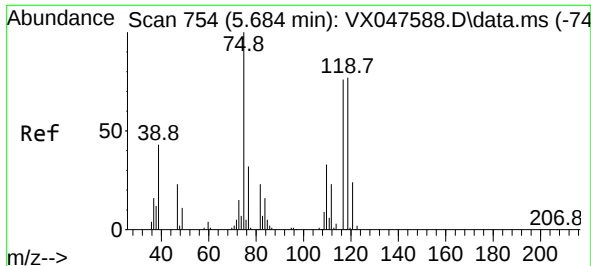
Tgt Ion:114 Resp: 277705
Ion Ratio Lower Upper
114 100
63 22.1 0.0 44.0
88 16.1 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.981 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047966.D
Acq: 02 Oct 2025 14:29

Tgt Ion:113 Resp: 93086
Ion Ratio Lower Upper
113 100
111 101.6 80.9 121.3
192 17.7 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.132 ug/l

RT: 5.543 min Scan# 71

Delta R.T. -0.141 min

Lab File: VX047966.D

Acq: 02 Oct 2025 14:29

Instrument :

MSVOA_X

ClientSampleId :

EB06-20250924

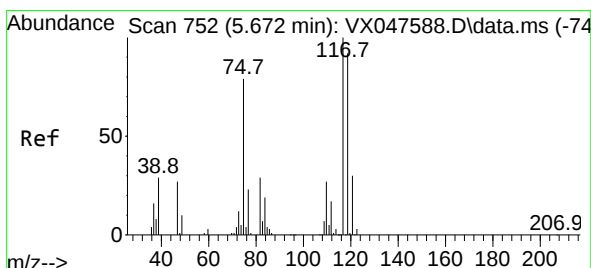
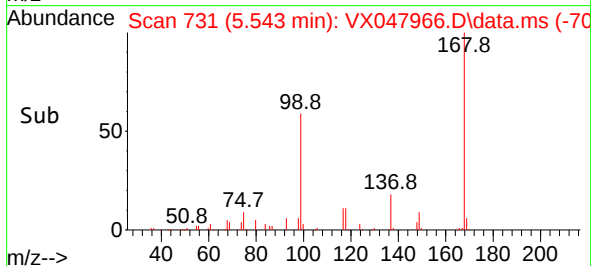
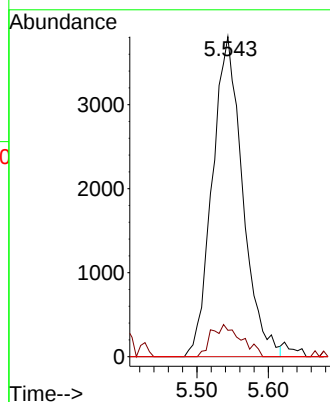
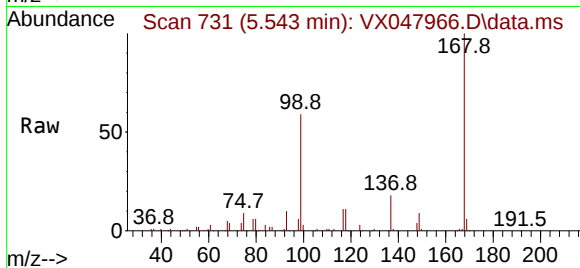
Tgt Ion: 75 Resp: 11244

Ion Ratio Lower Upper

75 100

110 9.9 16.7 50.1#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 4.985 ug/l

RT: 5.543 min Scan# 731

Delta R.T. -0.129 min

Lab File: VX047966.D

Acq: 02 Oct 2025 14:29

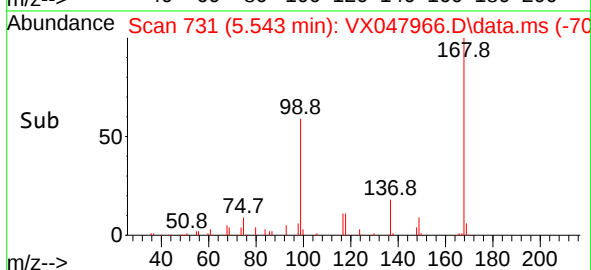
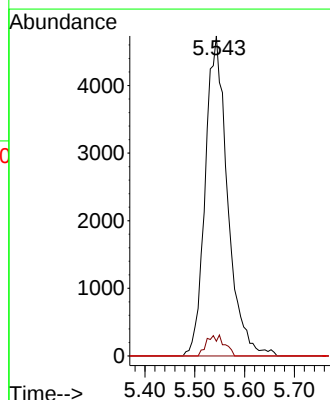
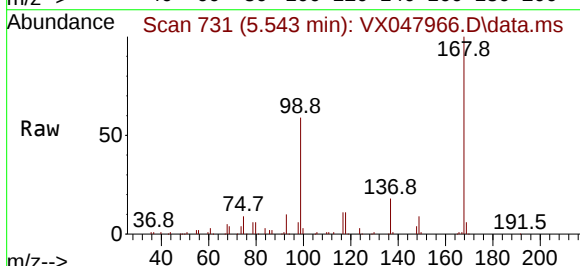
Tgt Ion: 117 Resp: 14741

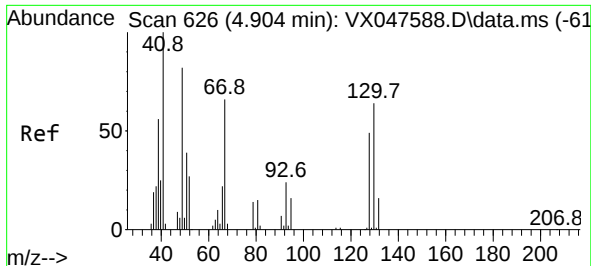
Ion Ratio Lower Upper

117 100

119 4.6 73.4 110.2#

121 0.0 23.8 35.6#

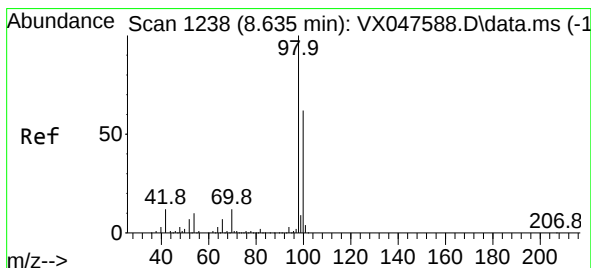
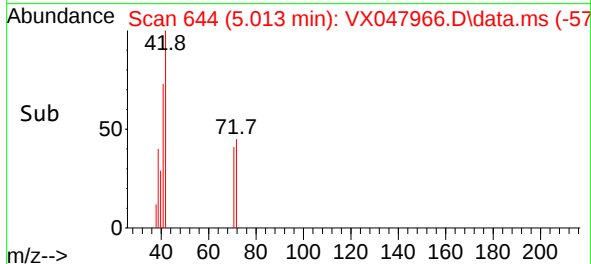
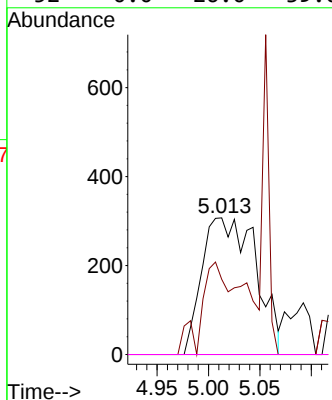
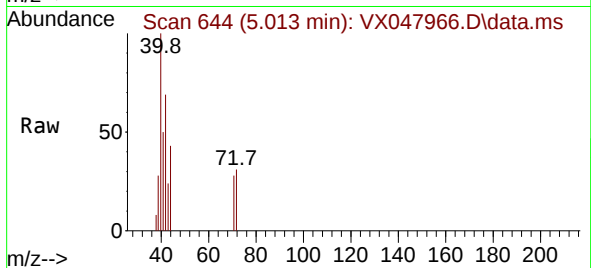




#41
Methacrylonitrile
Concen: 0.749 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.109 min
Lab File: VX047966.D
Acq: 02 Oct 2025 14:29

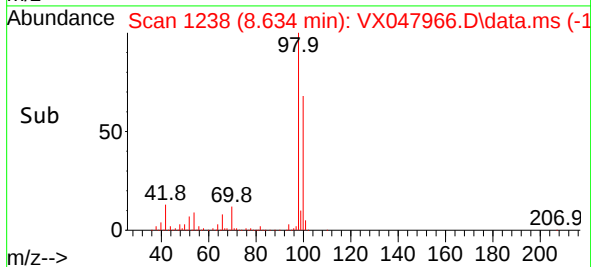
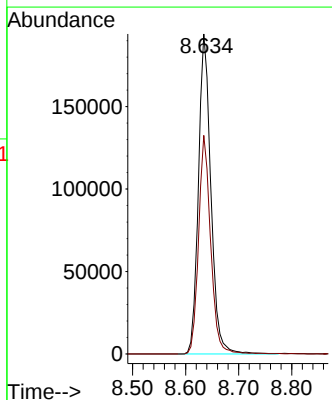
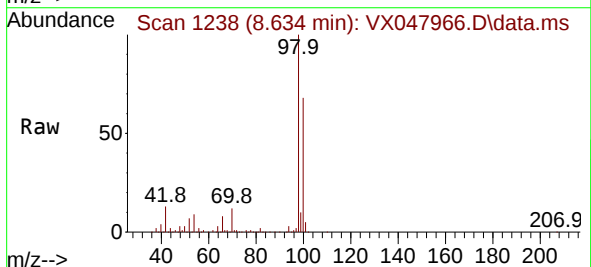
Instrument :
MSVOA_X
ClientSampleId :
EB06-20250924

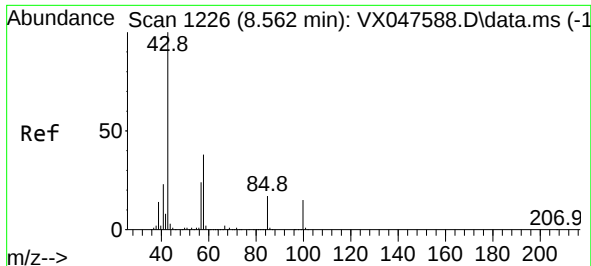
Tgt Ion:	41	Resp:	1127
Ion	Ratio	Lower	Upper
41	100		
39	31.7	43.3	64.9#
67	0.0	58.6	87.8#
52	0.0	26.0	39.0#



#50
Toluene-d8
Concen: 49.169 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.001 min
Lab File: VX047966.D
Acq: 02 Oct 2025 14:29

Tgt Ion:	98	Resp:	316867
Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4

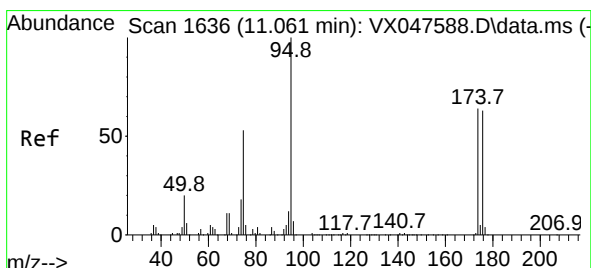
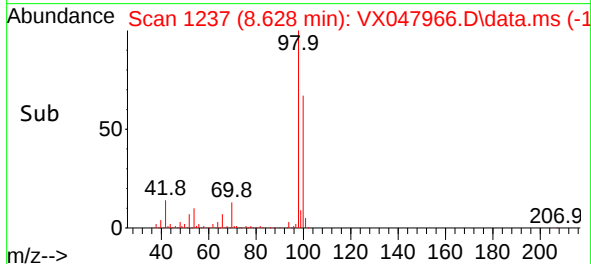
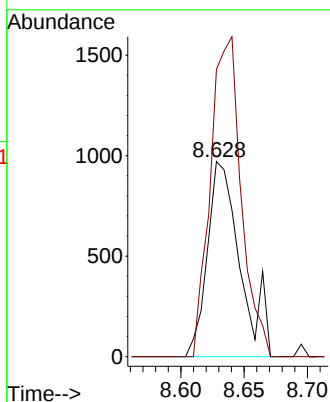
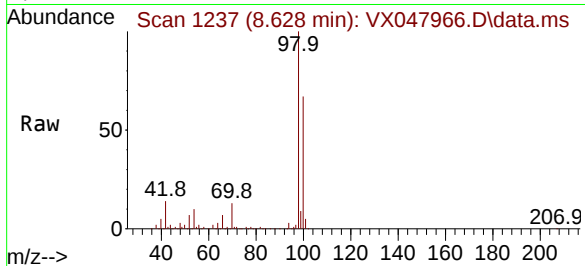




#51
4-Methyl-2-Pentanone
Concen: 0.656 ug/l
RT: 8.628 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX047966.D
Acq: 02 Oct 2025 14:29

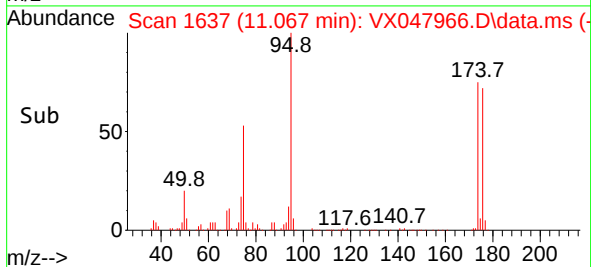
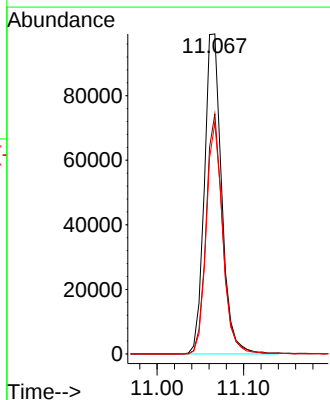
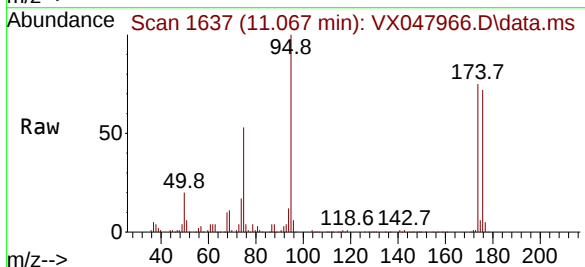
Instrument :
MSVOA_X
ClientSampleId :
EB06-20250924

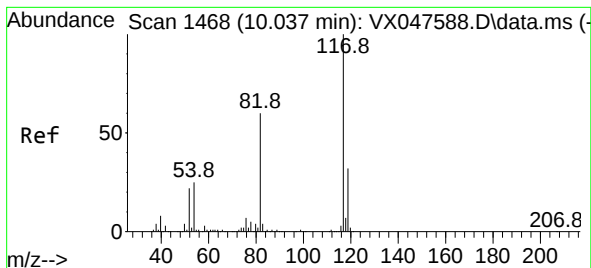
Tgt Ion: 43 Resp: 1739
Ion Ratio Lower Upper
43 100
58 155.1 30.3 45.5#



#62
4-Bromofluorobenzene
Concen: 56.284 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047966.D
Acq: 02 Oct 2025 14:29

Tgt Ion: 95 Resp: 137657
Ion Ratio Lower Upper
95 100
174 71.8 0.0 141.6
176 68.8 0.0 138.4

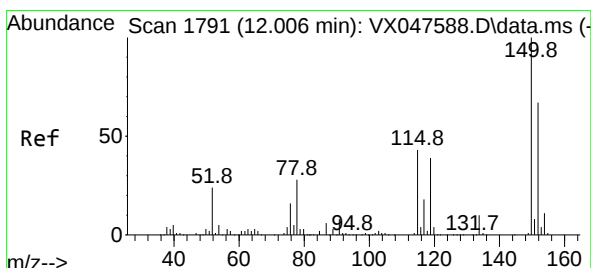
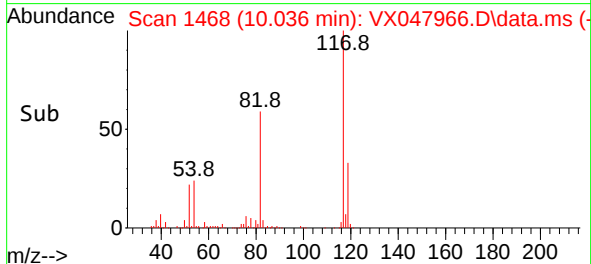
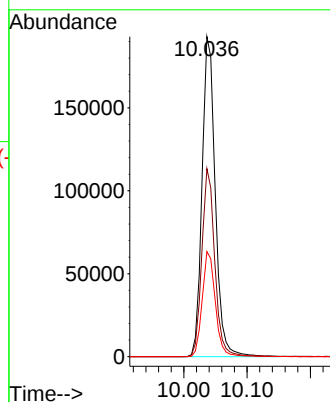
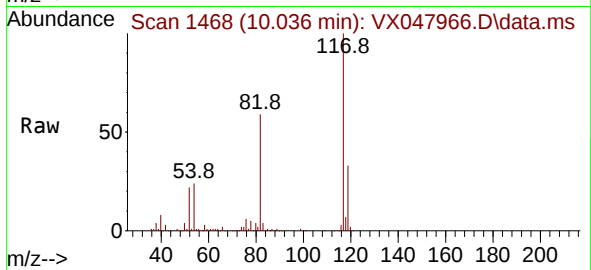




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047966.D
Acq: 02 Oct 2025 14:29

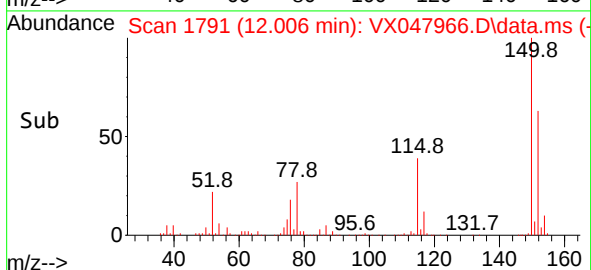
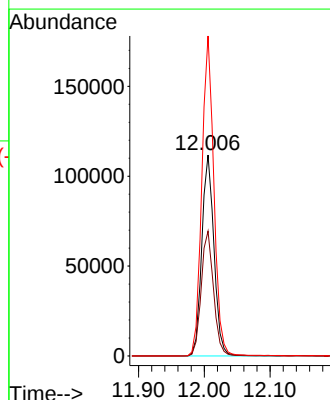
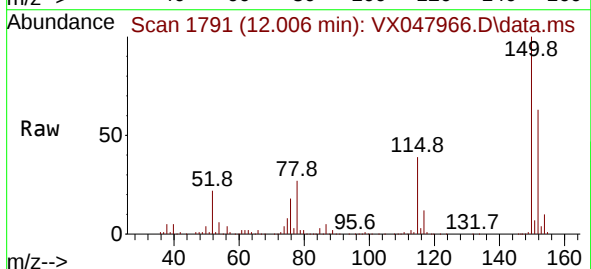
Instrument :
MSVOA_X
ClientSampleId :
EB06-20250924

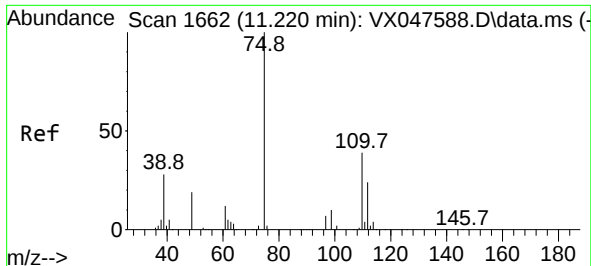
Tgt Ion:117 Resp: 281384
Ion Ratio Lower Upper
117 100
82 58.8 47.8 71.6
119 32.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047966.D
Acq: 02 Oct 2025 14:29

Tgt Ion:152 Resp: 144409
Ion Ratio Lower Upper
152 100
115 62.8 44.9 134.5
150 157.2 0.0 352.0

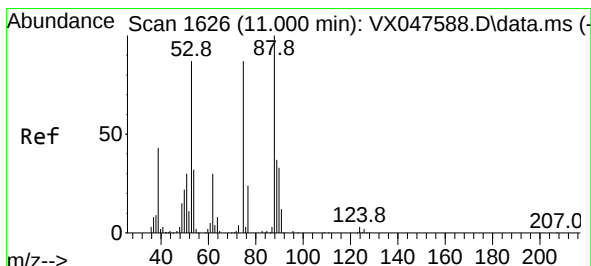
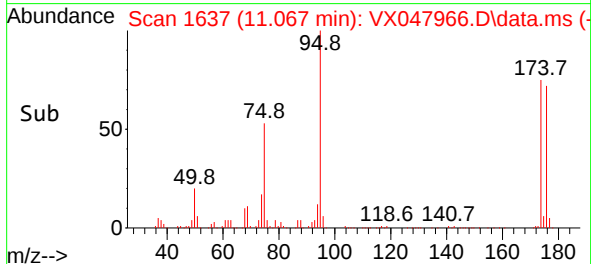
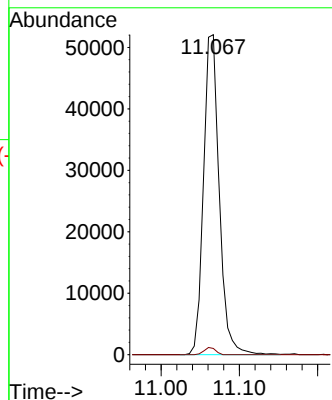
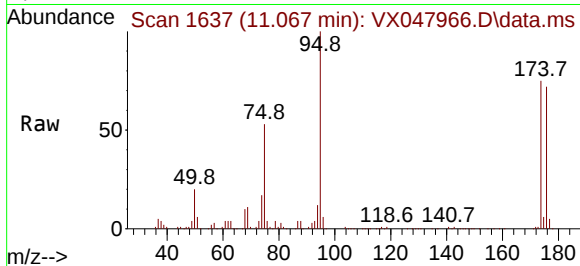




#76
1,2,3-Trichloropropane
Concen: 24.809 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. -0.153 min
Lab File: VX047966.D
Acq: 02 Oct 2025 14:29

Instrument :
MSVOA_X
ClientSampleId :
EB06-20250924

Tgt Ion: 75 Resp: 72537
Ion Ratio Lower Upper
75 100
77 1.6 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.266 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.067 min
Lab File: VX047966.D
Acq: 02 Oct 2025 14:29

Tgt Ion: 75 Resp: 72537
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#

