

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX047988.D
 Acq On : 03 Oct 2025 13:09
 Operator : JC/MD
 Sample : Q3193-19RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB04-20250923

Quant Time: Oct 03 23:46:53 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

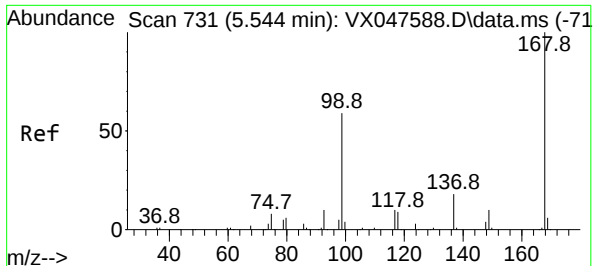
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	129971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	263211	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	269714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	138755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	104463	50.494	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.980%	
35) Dibromofluoromethane	5.373	113	85003	48.154	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.300%	
50) Toluene-d8	8.635	98	292943	47.960	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.920%	
62) 4-Bromofluorobenzene	11.061	95	126344	54.503	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.000%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.471	142	731	0.312	ug/l #	90
11) Tert butyl alcohol	2.940	59	424	1.840	ug/l #	72
16) Acetone	2.386	43	1541	1.713	ug/l	93
17) Carbon Disulfide	2.520	76	3274	0.774	ug/l	97
18) Methyl Acetate	2.709	43	438	0.219	ug/l #	67
20) Methylene Chloride	2.794	84	1030	0.541	ug/l #	95
29) Tetrahydrofuran	5.019	42	969	1.436	ug/l #	61
31) Cyclohexane	5.538	56	2837	1.038	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	11035	4.278	ug/l #	50
38) Carbon Tetrachloride	5.538	117	13507	4.819	ug/l #	20
58) 2-Chloroethyl Vinyl ether	8.165	63	19	7.906	ug/l #	47
76) 1,2,3-Trichloropropane	11.061	75	66135	23.541	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	66135	60.033	ug/l #	8
94) Hexachlorobutadiene	13.707	225	497	0.490	ug/l	91

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

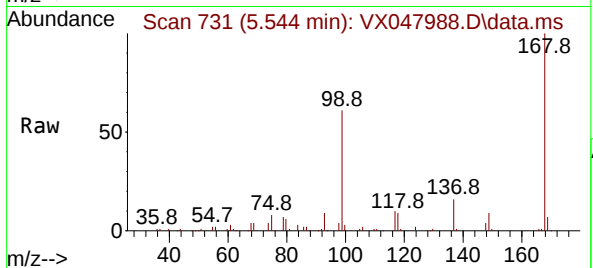
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Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



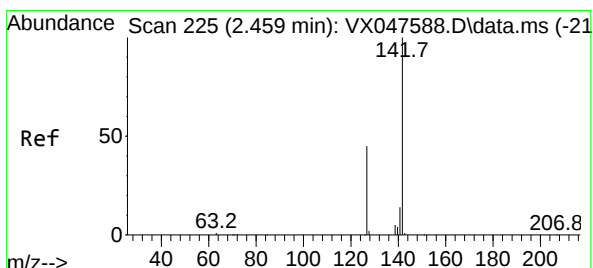
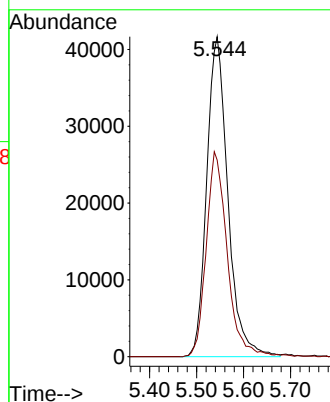
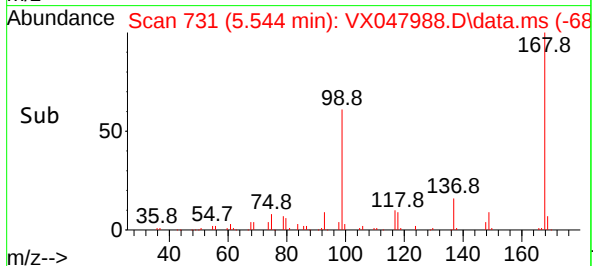


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX047988.D
Acq: 03 Oct 2025 13:09

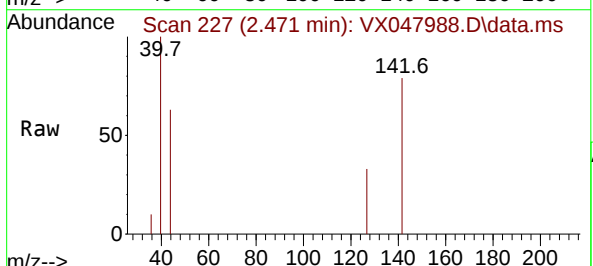
Instrument :
MSVOA_X
ClientSampleId :
EB04-20250923



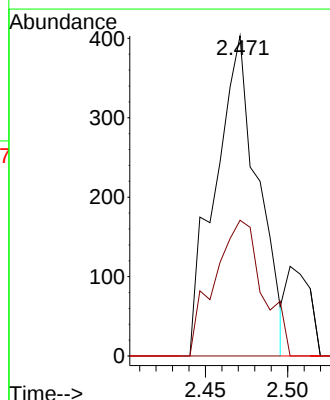
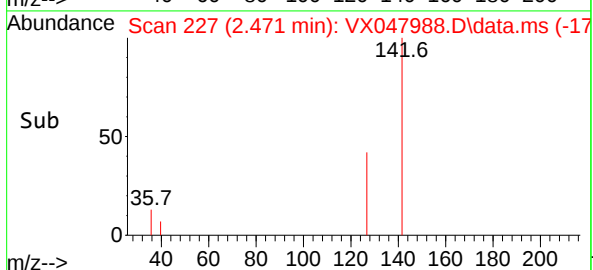
Tgt Ion:168 Resp: 129971
Ion Ratio Lower Upper
168 100
99 61.5 48.8 73.2

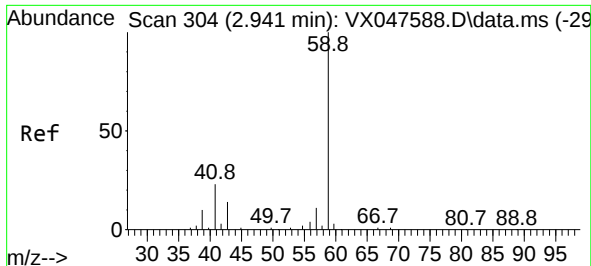


#10
Methyl Iodide
Concen: 0.312 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.012 min
Lab File: VX047988.D
Acq: 03 Oct 2025 13:09



Tgt Ion:142 Resp: 731
Ion Ratio Lower Upper
142 100
127 48.0 37.2 55.8
141 0.0 11.4 17.0#

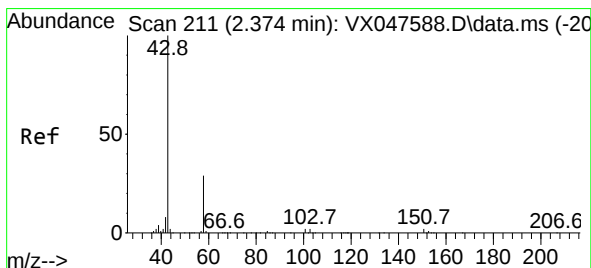
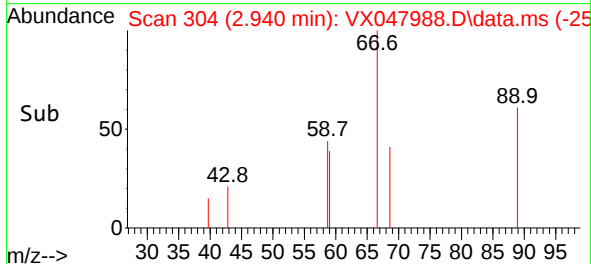
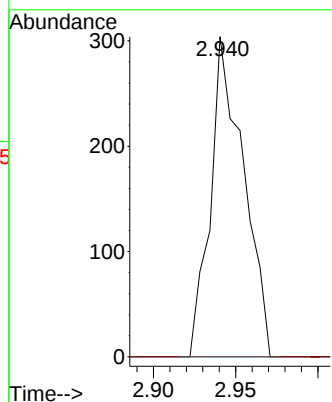
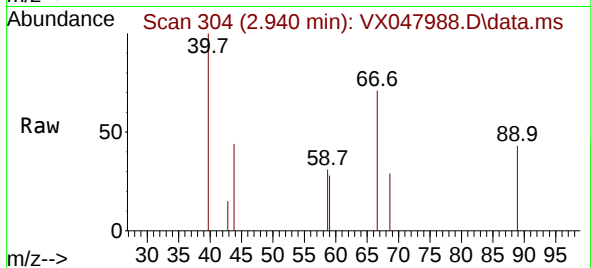




#11
Tert butyl alcohol
Concen: 1.840 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX047988.D
Acq: 03 Oct 2025 13:09

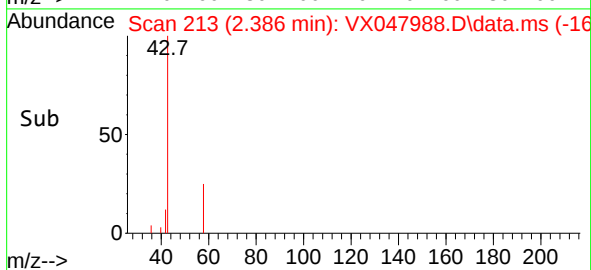
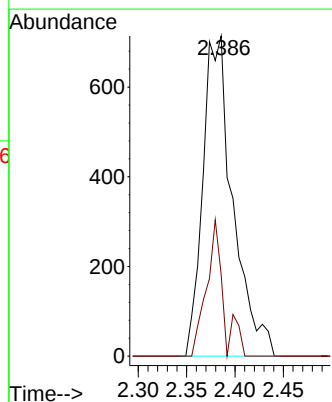
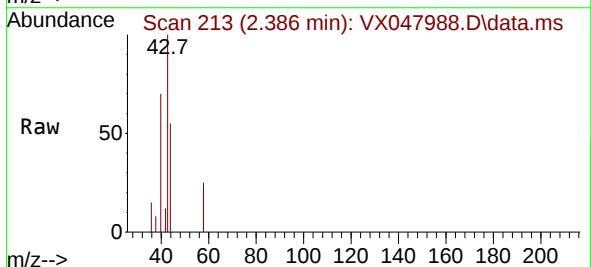
Instrument :
MSVOA_X
ClientSampleId :
EB04-20250923

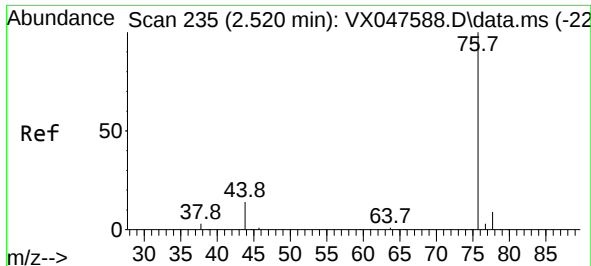
Tgt Ion: 59 Resp: 424
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 1.713 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX047988.D
Acq: 03 Oct 2025 13:09

Tgt Ion: 43 Resp: 1541
Ion Ratio Lower Upper
43 100
58 25.5 23.4 35.0

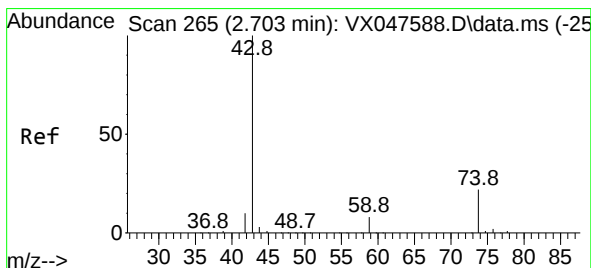
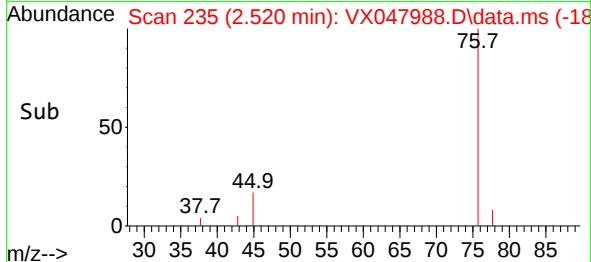
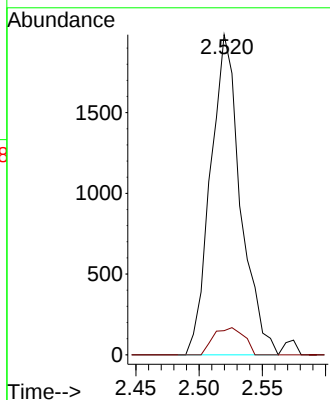
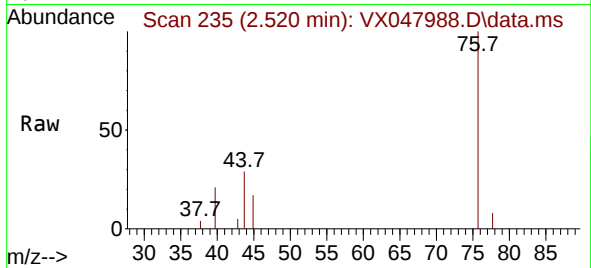




#17
Carbon Disulfide
Concen: 0.774 ug/l
RT: 2.520 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX047988.D
Acq: 03 Oct 2025 13:09

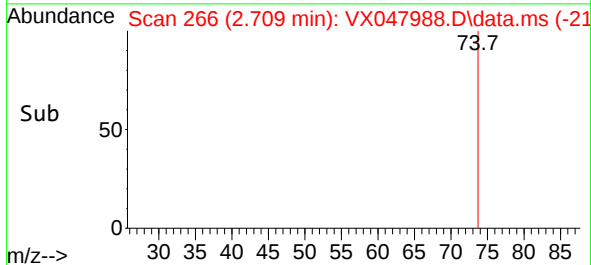
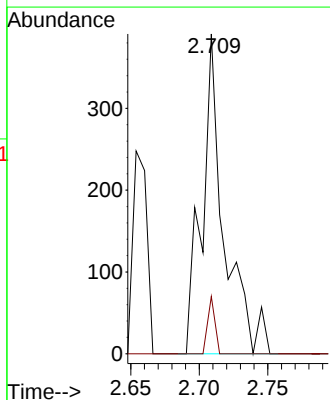
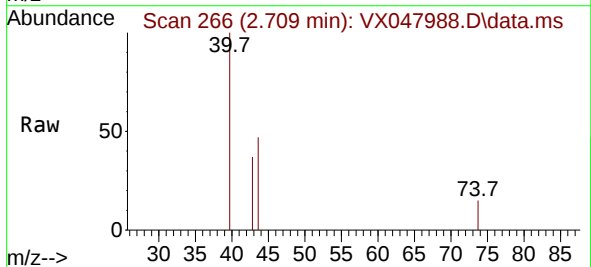
Instrument :
MSVOA_X
ClientSampleId :
EB04-20250923

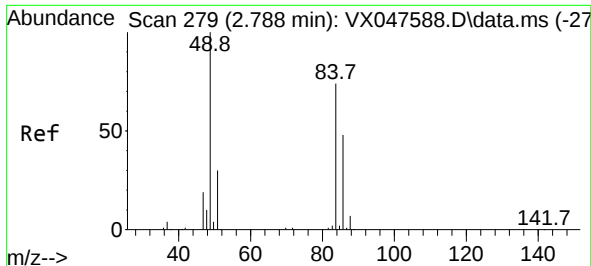
Tgt Ion: 76 Resp: 3274
Ion Ratio Lower Upper
76 100
78 7.5 6.8 10.2



#18
Methyl Acetate
Concen: 0.219 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX047988.D
Acq: 03 Oct 2025 13:09

Tgt Ion: 43 Resp: 438
Ion Ratio Lower Upper
43 100
74 5.9 17.4 26.2#

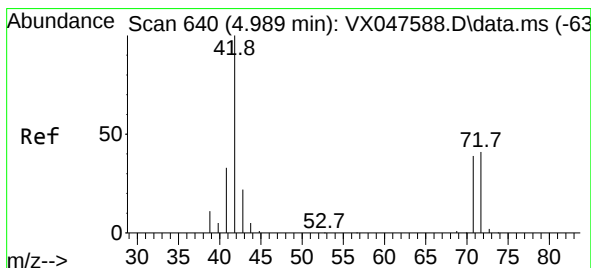
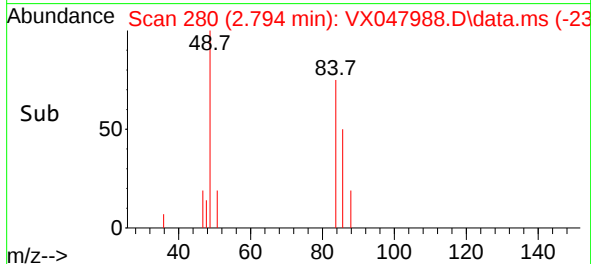
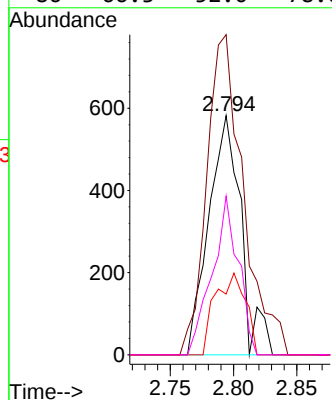
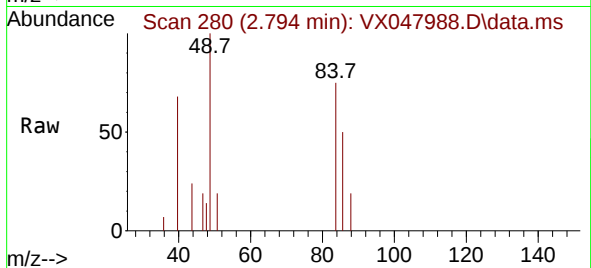




#20
Methylene Chloride
Concen: 0.541 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047988.D
Acq: 03 Oct 2025 13:09

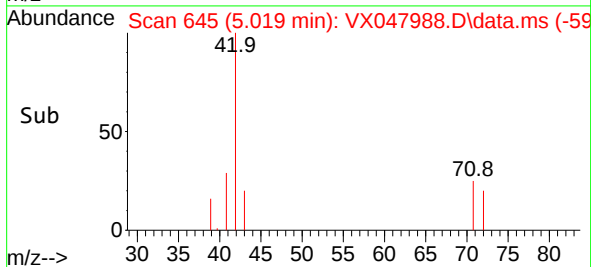
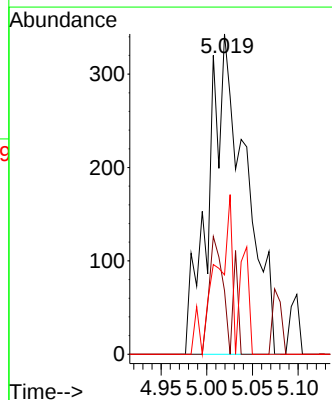
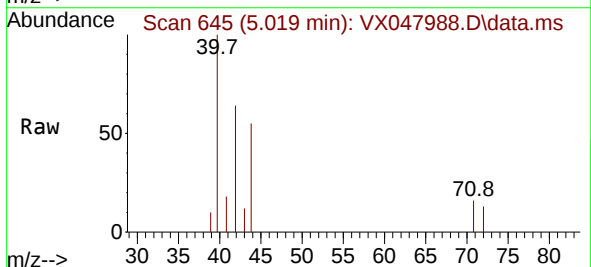
Instrument :
MSVOA_X
ClientSampleId :
EB04-20250923

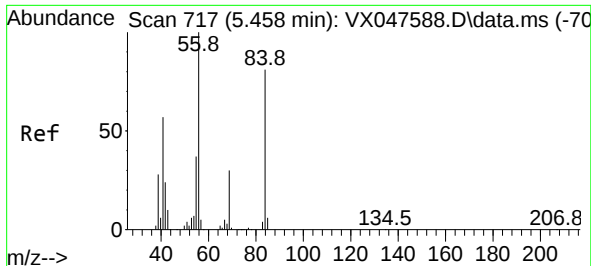
Tgt Ion:	84	Resp:	1030
Ion	Ratio	Lower	Upper
84	100		
49	133.8	108.6	162.8
51	25.4	32.6	48.8#
86	66.3	52.0	78.0



#29
Tetrahydrofuran
Concen: 1.436 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.030 min
Lab File: VX047988.D
Acq: 03 Oct 2025 13:09

Tgt Ion:	42	Resp:	969
Ion	Ratio	Lower	Upper
42	100		
72	13.3	34.2	51.2#
71	20.8	31.9	47.9#

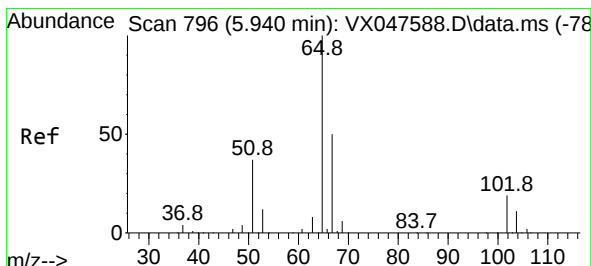
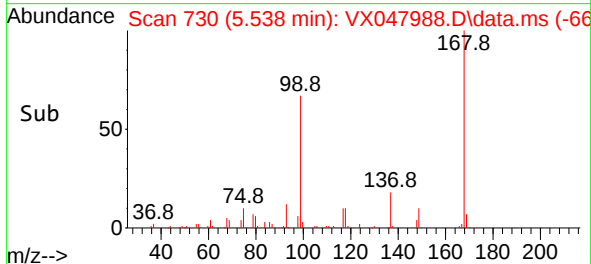
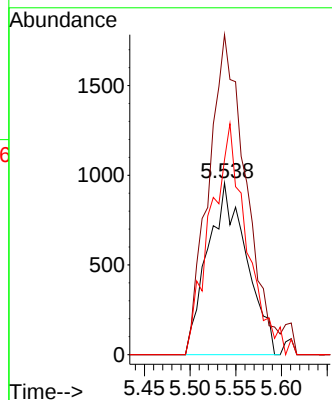
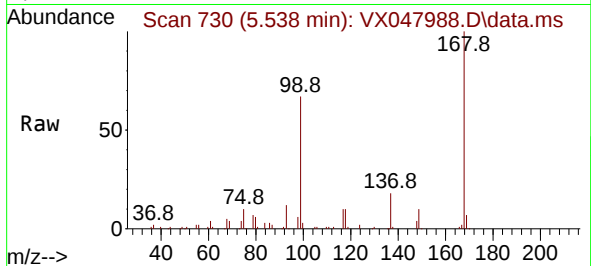




#31
Cyclohexane
Concen: 1.038 ug/l
RT: 5.538 min Scan# 717
Delta R.T. 0.079 min
Lab File: VX047988.D
Acq: 03 Oct 2025 13:09

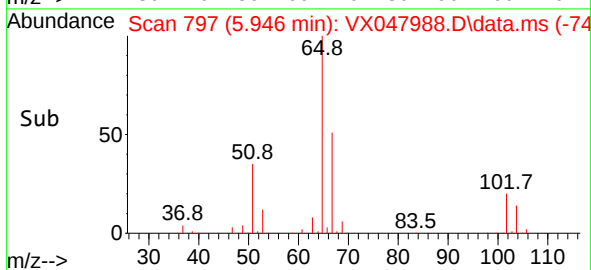
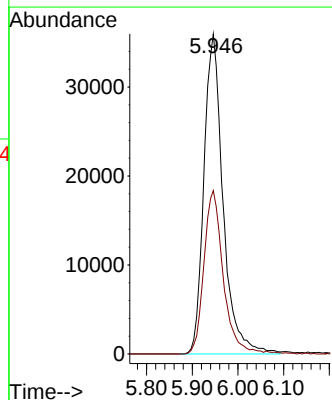
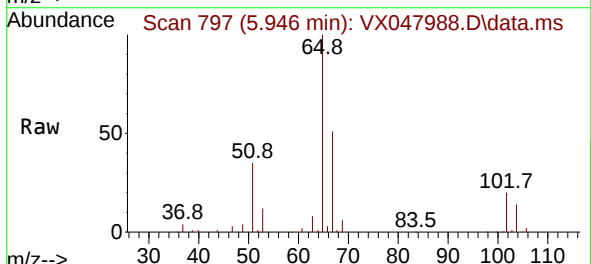
Instrument :
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ClientSampleId :
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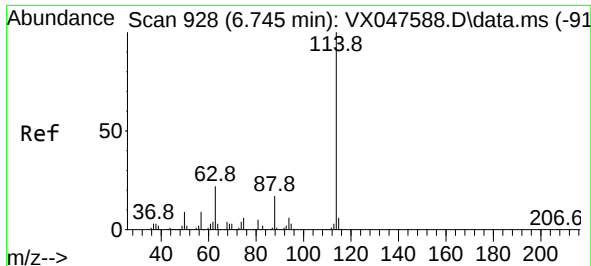
Tgt Ion: 56 Resp: 2837
Ion Ratio Lower Upper
56 100
69 186.4 23.8 35.8#
84 113.6 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 50.494 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047988.D
Acq: 03 Oct 2025 13:09

Tgt Ion: 65 Resp: 104463
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.0

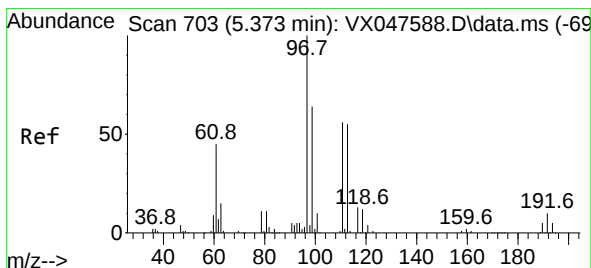
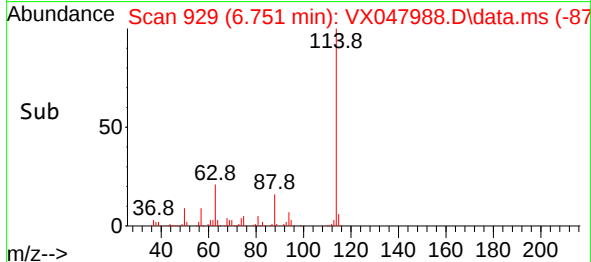
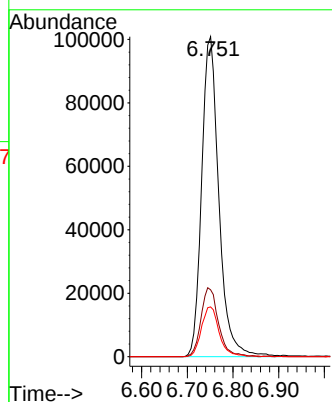
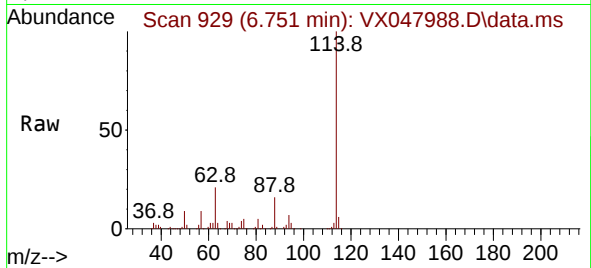




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047988.D
Acq: 03 Oct 2025 13:09

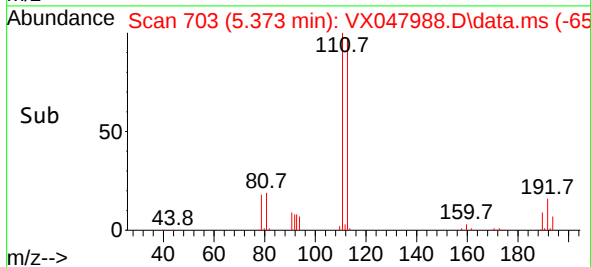
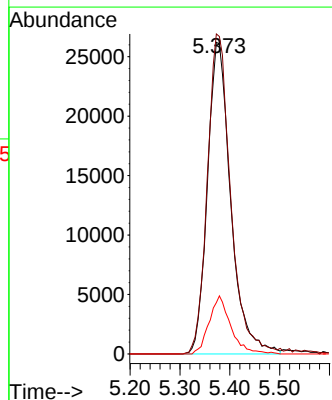
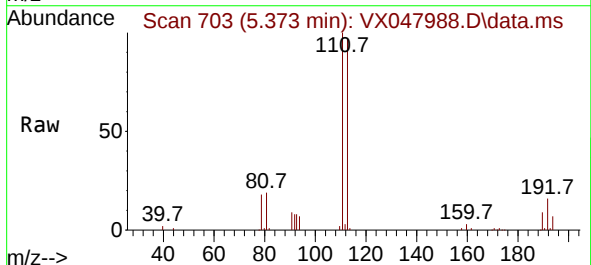
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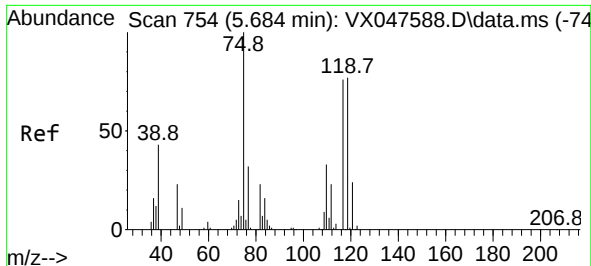
Tgt Ion:114 Resp: 263211
Ion Ratio Lower Upper
114 100
63 20.9 0.0 44.0
88 15.6 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.154 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047988.D
Acq: 03 Oct 2025 13:09

Tgt Ion:113 Resp: 85003
Ion Ratio Lower Upper
113 100
111 103.3 80.9 121.3
192 17.4 14.2 21.4

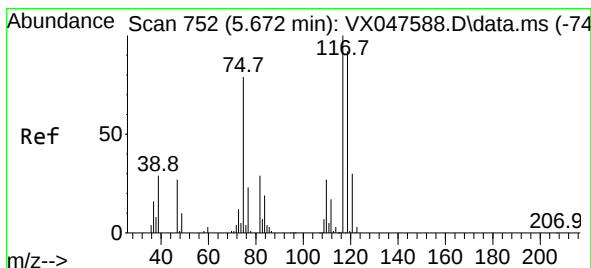
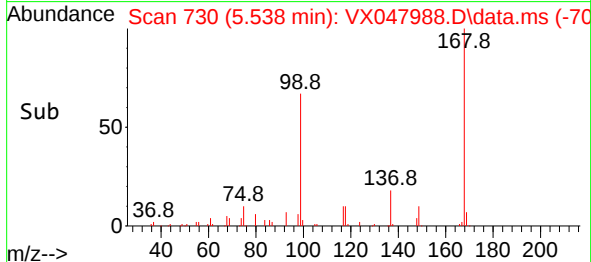
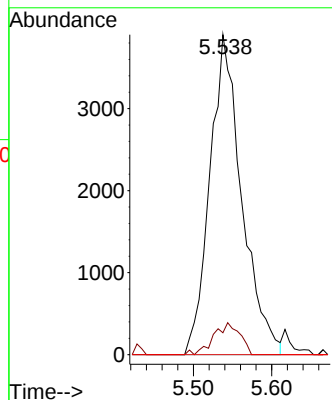
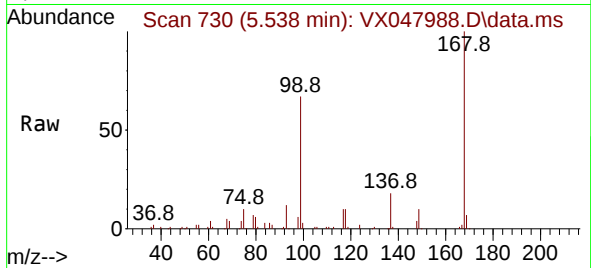




#36
1,1-Dichloropropene
Concen: 4.278 ug/l
RT: 5.538 min Scan# 710
Delta R.T. -0.146 min
Lab File: VX047988.D
Acq: 03 Oct 2025 13:09

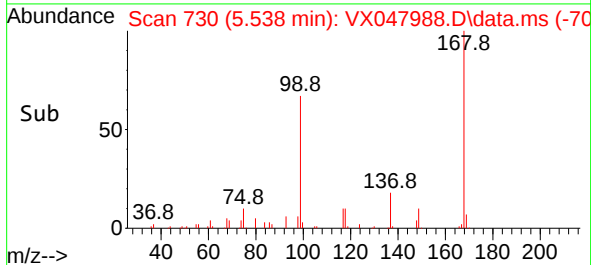
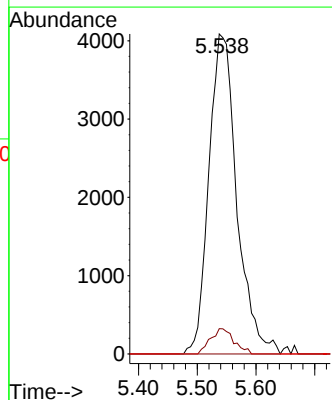
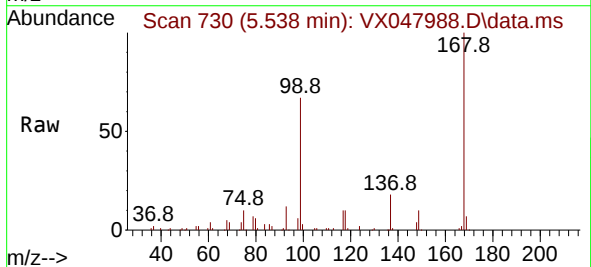
Instrument :
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ClientSampleId :
EB04-20250923

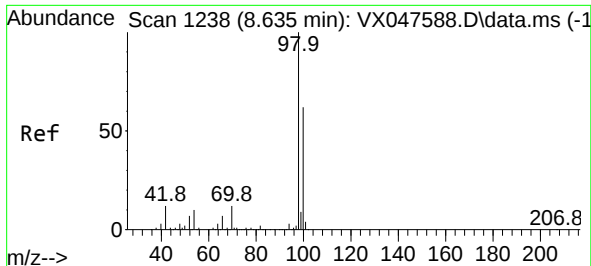
Tgt Ion: 75 Resp: 11035
Ion Ratio Lower Upper
75 100
110 8.2 16.7 50.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 4.819 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX047988.D
Acq: 03 Oct 2025 13:09

Tgt Ion: 117 Resp: 13507
Ion Ratio Lower Upper
117 100
119 7.9 73.4 110.2#
121 0.0 23.8 35.6#

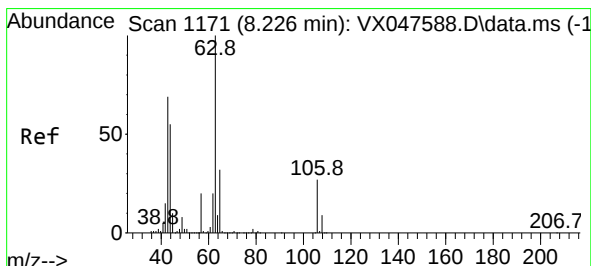
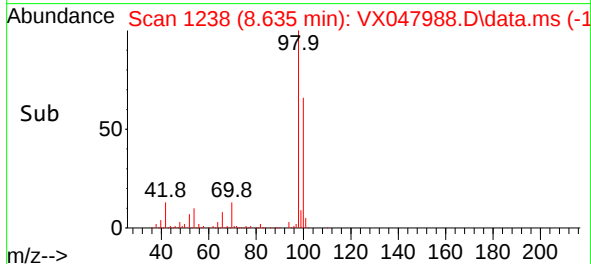
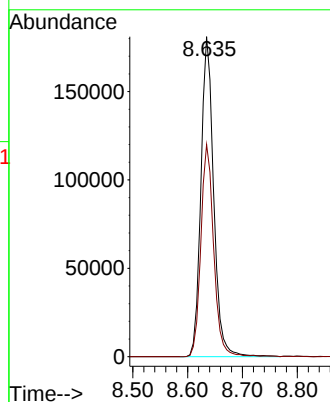
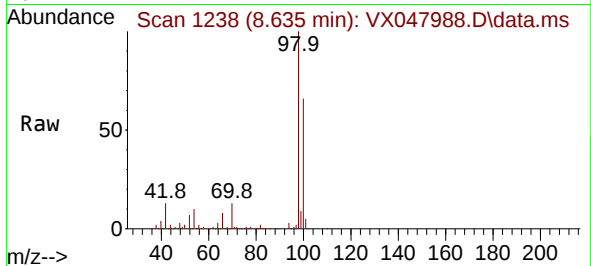




#50
Toluene-d8
Concen: 47.960 ug/l
RT: 8.635 min Scan# 1161
Delta R.T. -0.000 min
Lab File: VX047988.D
Acq: 03 Oct 2025 13:09

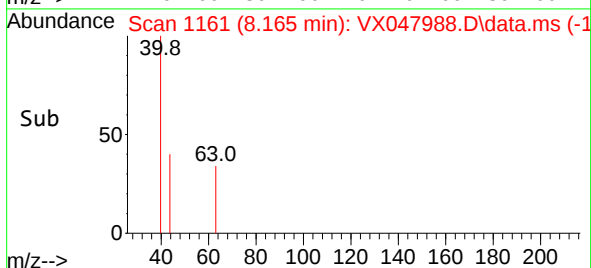
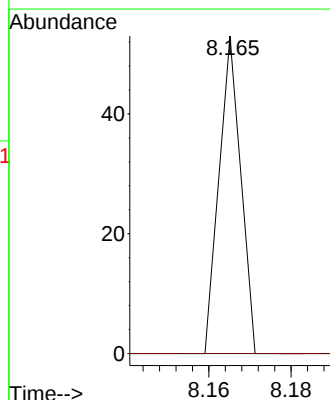
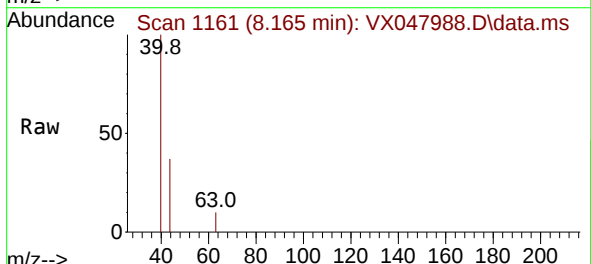
Instrument :
MSVOA_X
ClientSampleId :
EB04-20250923

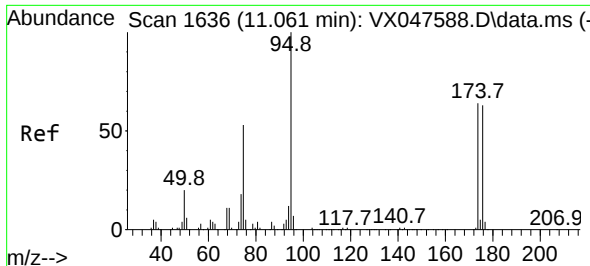
Tgt Ion: 98 Resp: 292943
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4



#58
2-Chloroethyl Vinyl ether
Concen: 7.906 ug/l
RT: 8.165 min Scan# 1161
Delta R.T. -0.061 min
Lab File: VX047988.D
Acq: 03 Oct 2025 13:09

Tgt Ion: 63 Resp: 19
Ion Ratio Lower Upper
63 100
106 0.0 21.9 32.9#

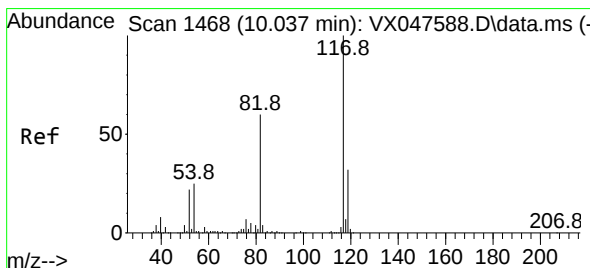
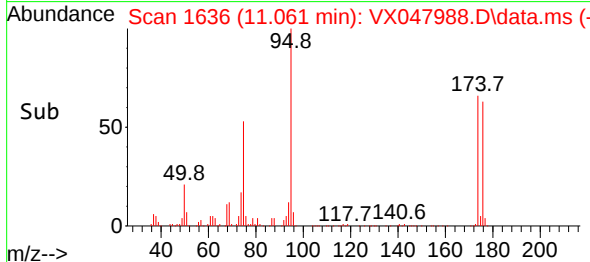
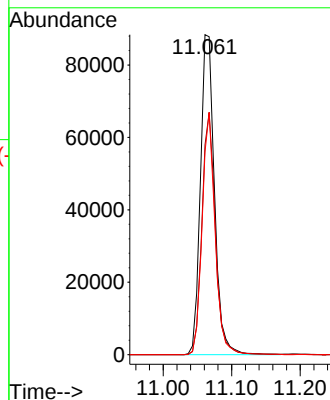
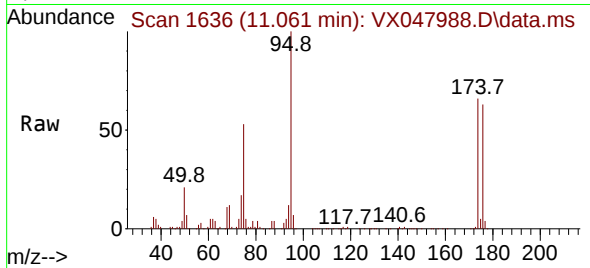




#62
4-Bromofluorobenzene
Concen: 54.503 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047988.D
Acq: 03 Oct 2025 13:09

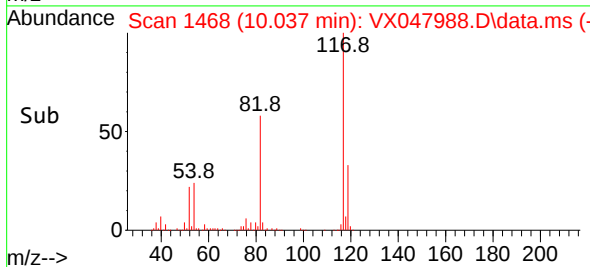
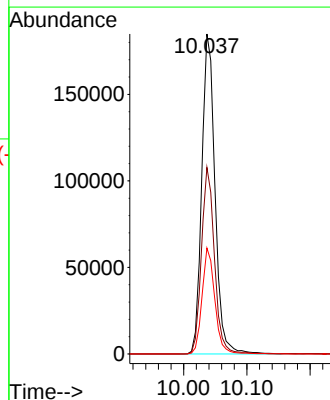
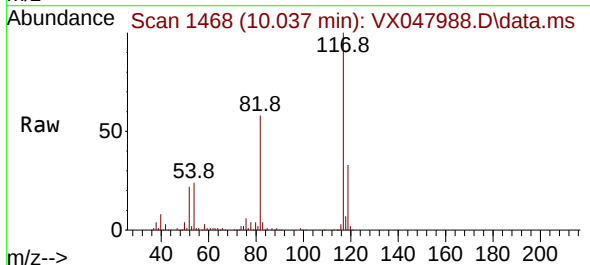
Instrument :
MSVOA_X
ClientSampleId :
EB04-20250923

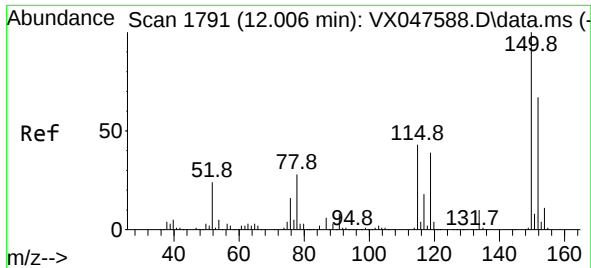
Tgt Ion: 95 Resp: 126344
Ion Ratio Lower Upper
95 100
174 72.2 0.0 141.6
176 70.0 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047988.D
Acq: 03 Oct 2025 13:09

Tgt Ion: 117 Resp: 269714
Ion Ratio Lower Upper
117 100
82 58.3 47.8 71.6
119 33.1 25.2 37.8

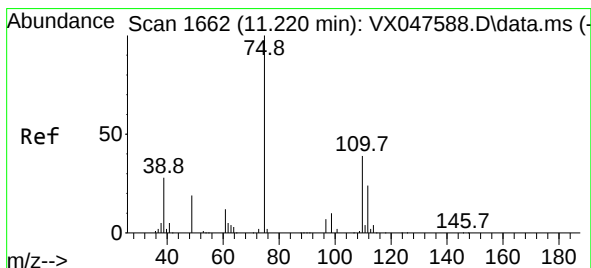
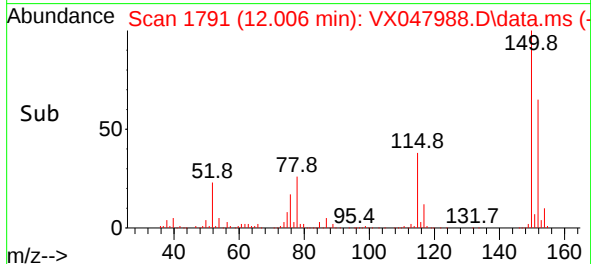
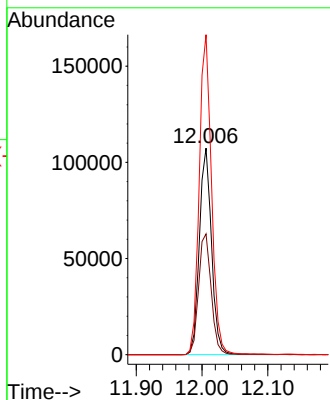
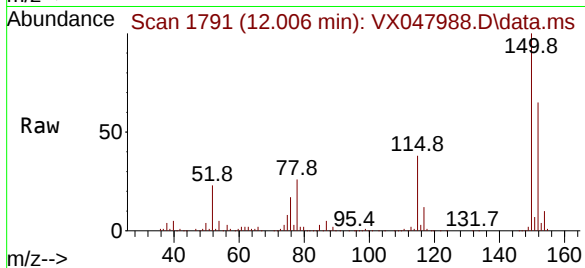




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047988.D
 Acq: 03 Oct 2025 13:09

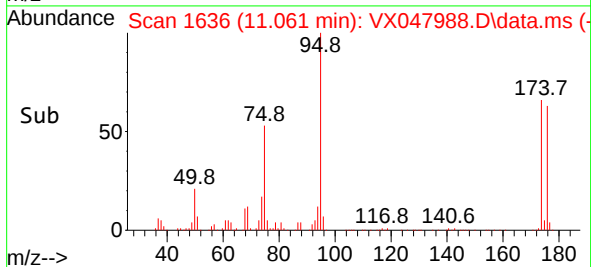
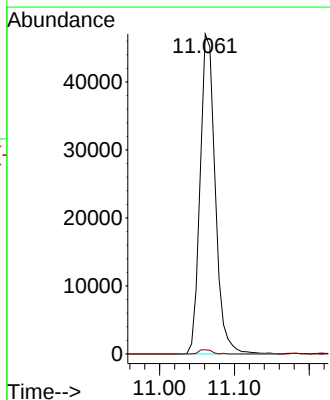
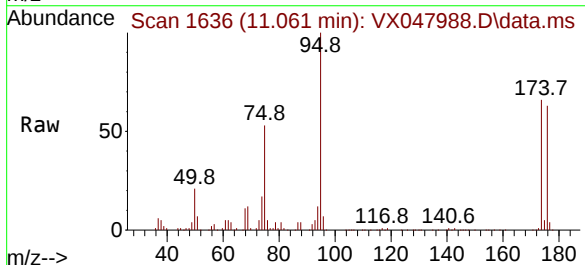
Instrument :
 MSVOA_X
 ClientSampleId :
 EB04-20250923

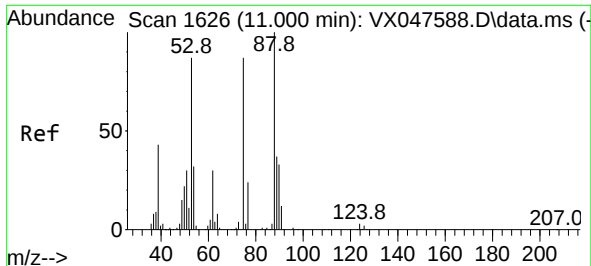
Tgt Ion:152 Resp: 138755
 Ion Ratio Lower Upper
 152 100
 115 60.4 44.9 134.5
 150 155.8 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 23.541 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.159 min
 Lab File: VX047988.D
 Acq: 03 Oct 2025 13:09

Tgt Ion: 75 Resp: 66135
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.8 56.4#

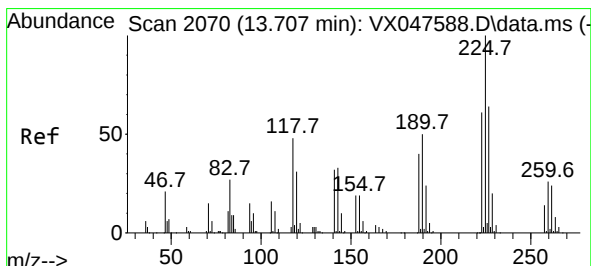
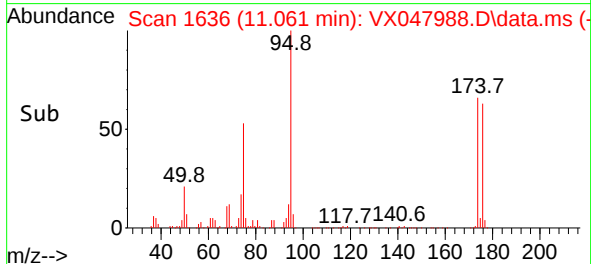
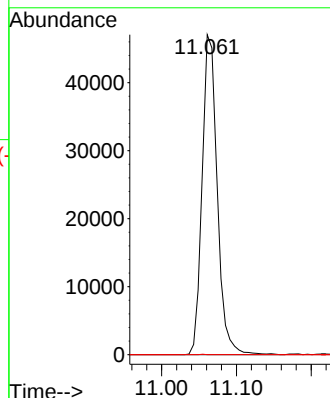
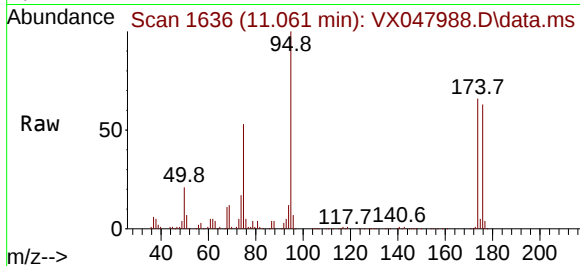




#81
trans-1,4-Dichloro-2-butene
Concen: 60.033 ug/l
RT: 11.061 min Scan# 11
Delta R.T. 0.061 min
Lab File: VX047988.D
Acq: 03 Oct 2025 13:09

Instrument :
MSVOA_X
ClientSampleId :
EB04-20250923

Tgt Ion: 75 Resp: 66135
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#



#94
Hexachlorobutadiene
Concen: 0.490 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047988.D
Acq: 03 Oct 2025 13:09

Tgt Ion: 225 Resp: 497
Ion Ratio Lower Upper
225 100
223 61.2 31.7 95.1
227 75.7 32.0 96.0

