

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121525\
 Data File : VX048879.D
 Acq On : 15 Dec 2025 15:43
 Operator : JC/MD
 Sample : Q3863-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB01-121225

Quant Time: Dec 16 00:18:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

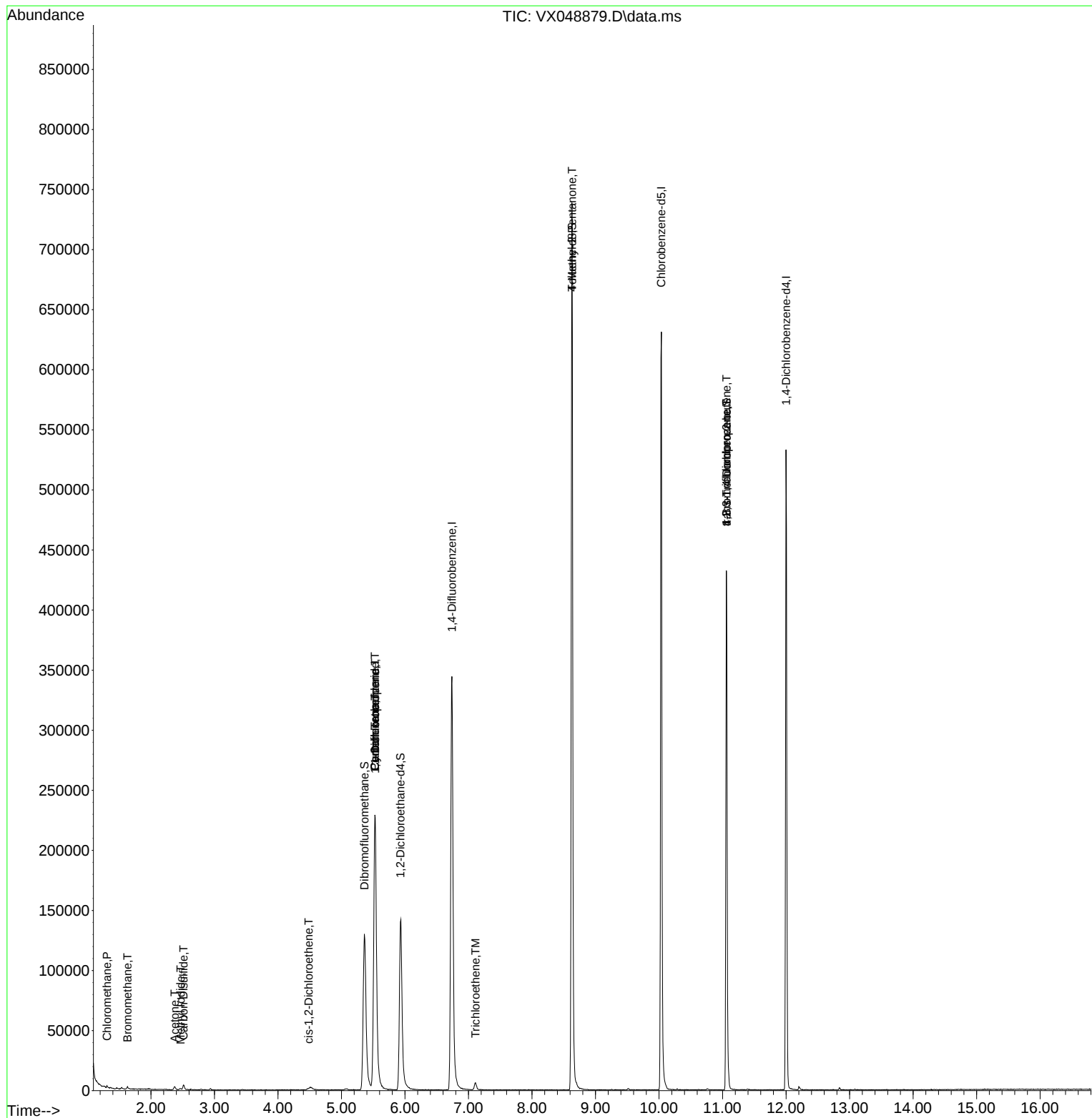
Internal Standards						
1) Pentafluorobenzene	5.525	168	238892	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	388972	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	314578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	115901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.928	65	156503	48.810	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.620%
35) Dibromofluoromethane	5.361	113	130220	48.622	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.240%
50) Toluene-d8	8.629	98	457817	48.766	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.540%
62) 4-Bromofluorobenzene	11.061	95	125642	38.811	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	77.620%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	1185	0.386	ug/l #	67
5) Bromomethane	1.630	94	1053	0.521	ug/l	87
10) Methyl Iodide	2.465	142	1637	0.423	ug/l #	93
16) Acetone	2.374	43	3767	3.069	ug/l	92
17) Carbon Disulfide	2.514	76	3730	0.463	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	867	0.271	ug/l	49
31) Cyclohexane	5.525	56	5179	1.195	ug/l #	12
36) 1,1-Dichloropropene	5.532	75	18969	5.171	ug/l #	48
38) Carbon Tetrachloride	5.525	117	24608	5.922	ug/l #	14
44) Trichloroethene	7.111	130	2715	0.957	ug/l	98
51) 4-Methyl-2-Pentanone	8.629	43	2048	0.497	ug/l #	1
76) 1,2,3-Trichloropropane	11.061	75	63667	29.493	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	63667	70.058	ug/l #	3
95) Naphthalene	13.786	128	21	Below Cal	#	69

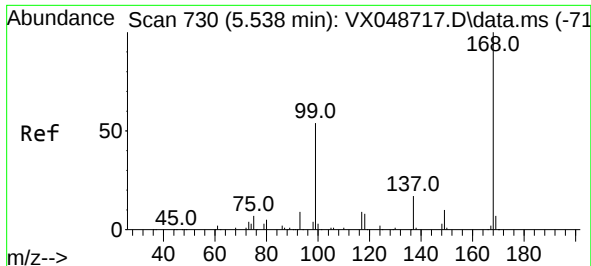
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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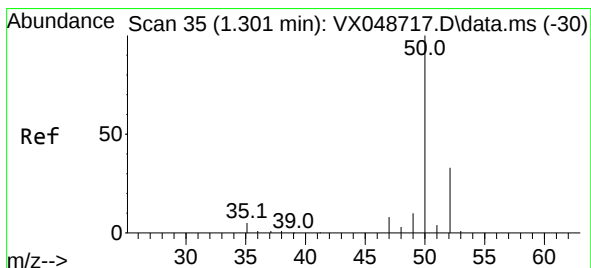
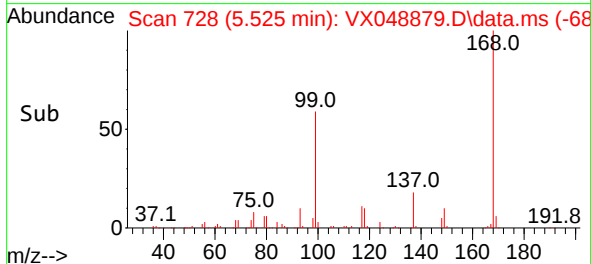
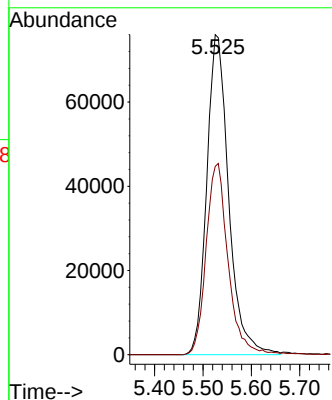
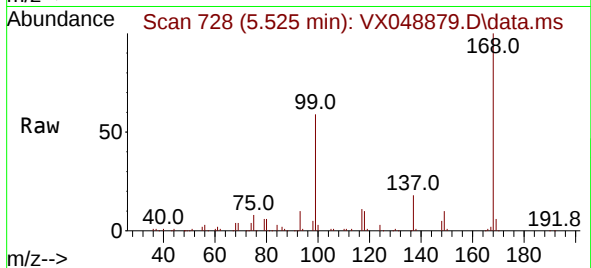




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.525 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX048879.D
Acq: 15 Dec 2025 15:43

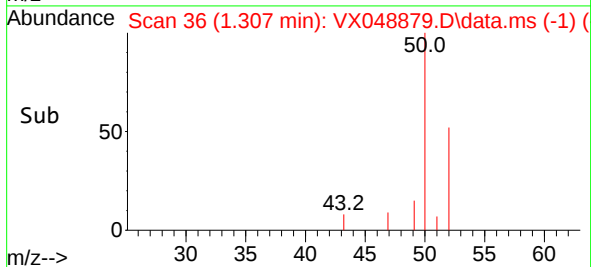
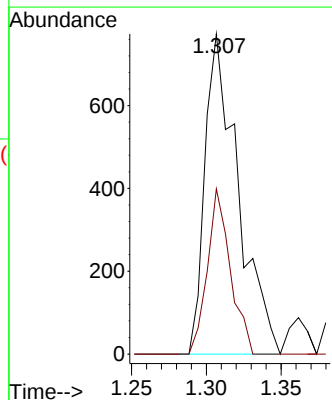
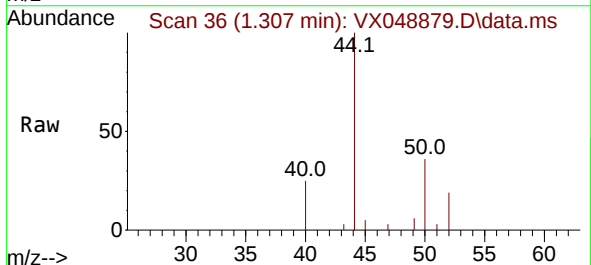
Instrument :
MSVOA_X
ClientSampleId :
EB01-121225

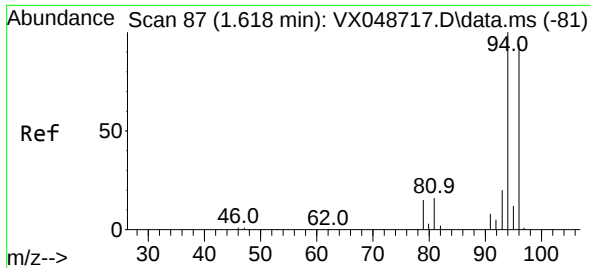
Tgt Ion:168 Resp: 238892
Ion Ratio Lower Upper
168 100
99 58.9 44.2 66.4



#3
Chloromethane
Concen: 0.386 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX048879.D
Acq: 15 Dec 2025 15:43

Tgt Ion: 50 Resp: 1185
Ion Ratio Lower Upper
50 100
52 51.6 26.4 39.6#

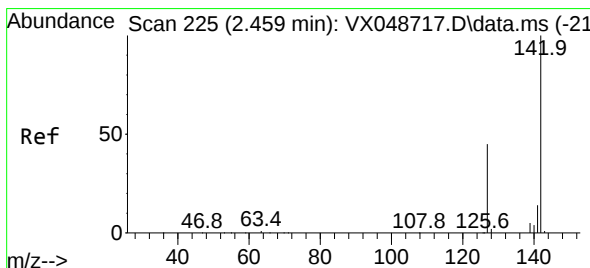
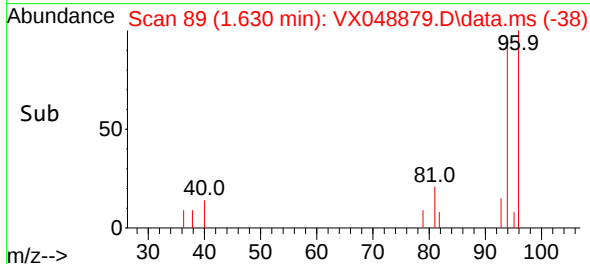
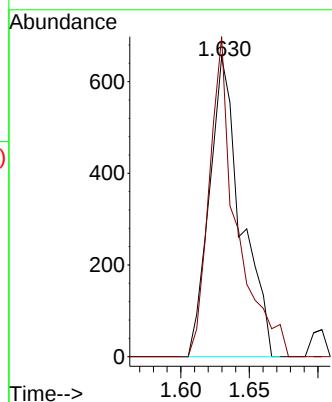
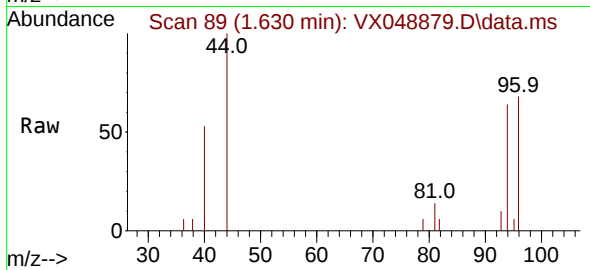




#5
Bromomethane
Concen: 0.521 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.012 min
Lab File: VX048879.D
Acq: 15 Dec 2025 15:43

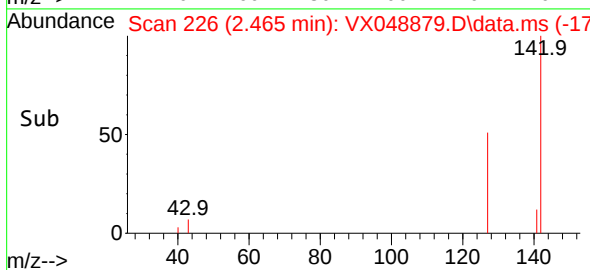
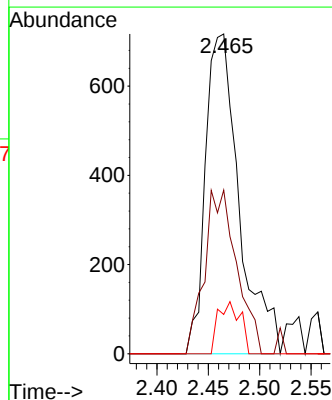
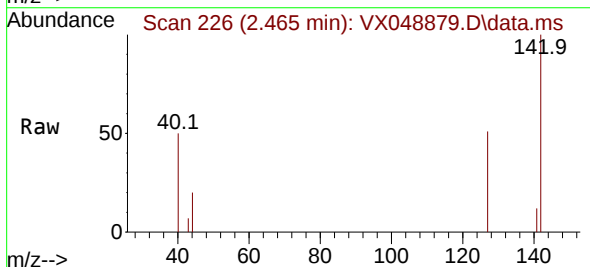
Instrument :
MSVOA_X
ClientSampleId :
EB01-121225

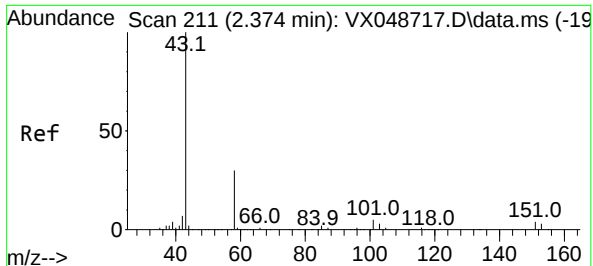
Tgt Ion: 94 Resp: 1053
Ion Ratio Lower Upper
94 100
96 106.7 75.2 112.8



#10
Methyl Iodide
Concen: 0.423 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX048879.D
Acq: 15 Dec 2025 15:43

Tgt Ion: 142 Resp: 1637
Ion Ratio Lower Upper
142 100
127 49.1 35.8 53.6
141 10.6 11.1 16.7#

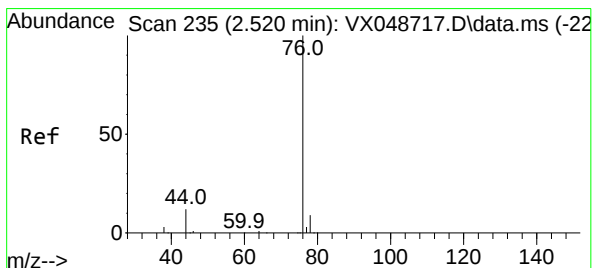
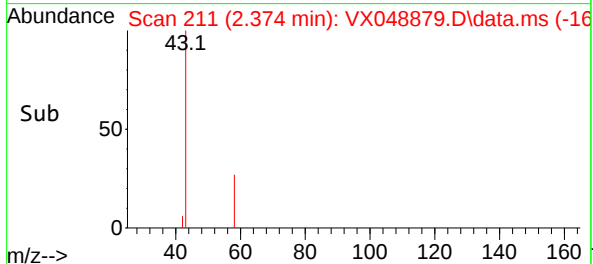
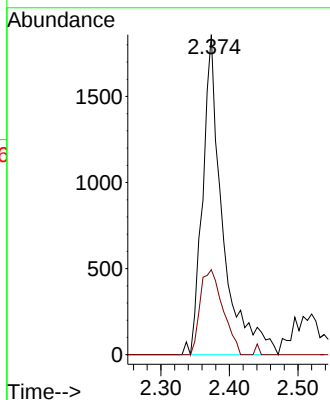
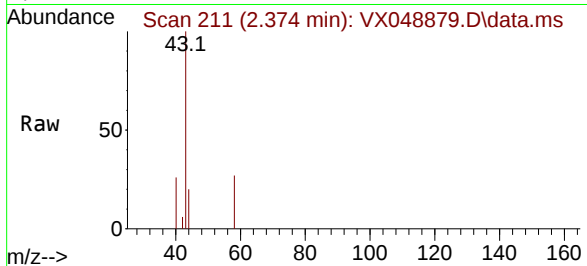




#16
Acetone
Concen: 3.069 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048879.D
Acq: 15 Dec 2025 15:43

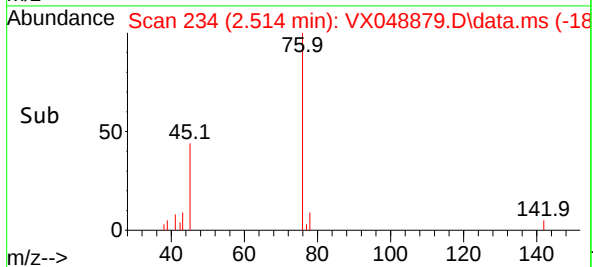
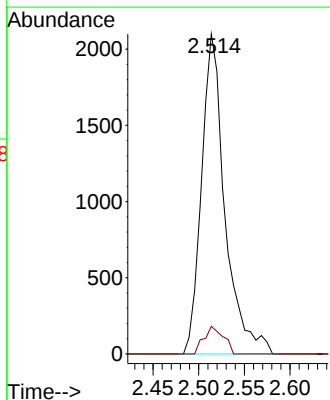
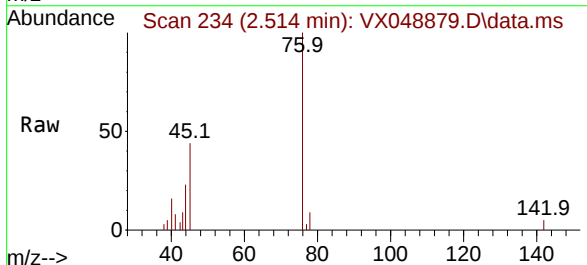
Instrument :
MSVOA_X
ClientSampleId :
EB01-121225

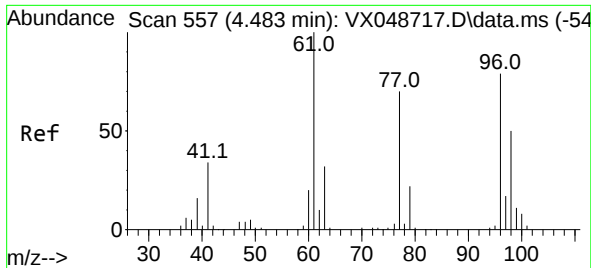
Tgt Ion: 43 Resp: 3767
Ion Ratio Lower Upper
43 100
58 26.5 25.0 37.4



#17
Carbon Disulfide
Concen: 0.463 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.006 min
Lab File: VX048879.D
Acq: 15 Dec 2025 15:43

Tgt Ion: 76 Resp: 3730
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2

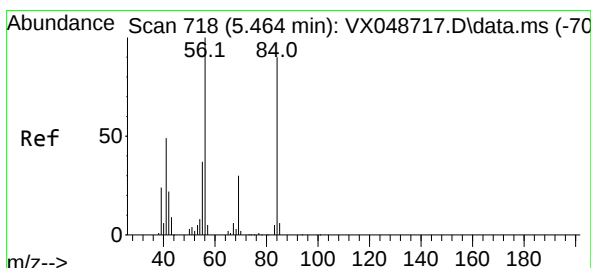
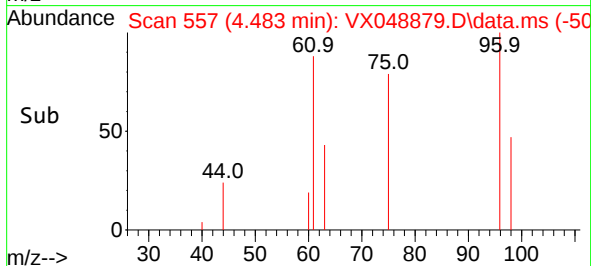
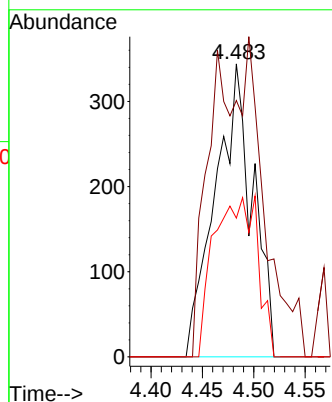
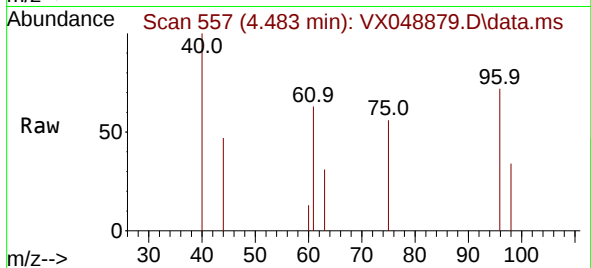




#27
 cis-1,2-Dichloroethene
 Concen: 0.271 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX048879.D
 Acq: 15 Dec 2025 15:43

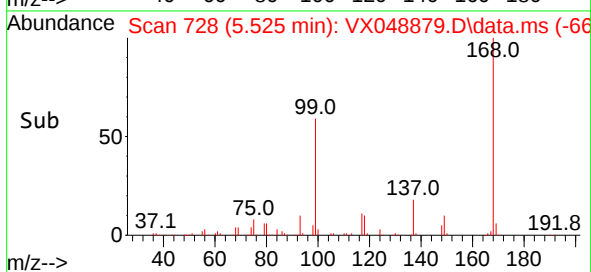
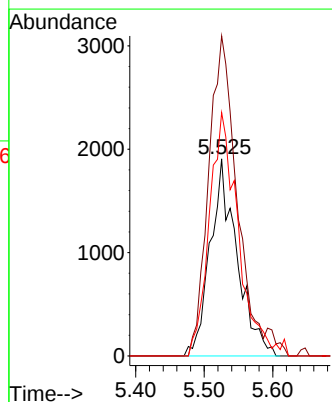
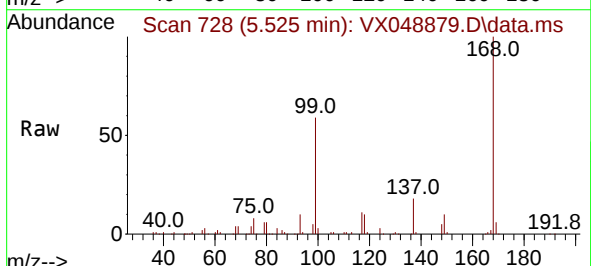
Instrument :
 MSVOA_X
 ClientSampleId :
 EB01-121225

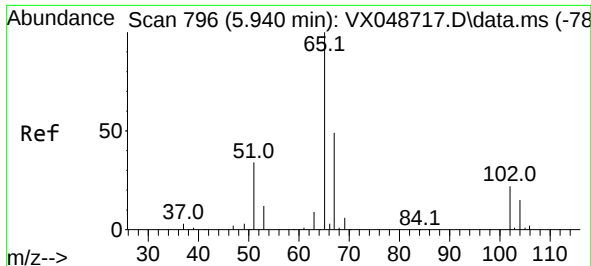
Tgt Ion:	96	Resp:	867
Ion	Ratio	Lower	Upper
96	100		
61	66.1	0.0	271.0
98	36.9	0.0	130.2



#31
 Cyclohexane
 Concen: 1.195 ug/l
 RT: 5.525 min Scan# 728
 Delta R.T. 0.061 min
 Lab File: VX048879.D
 Acq: 15 Dec 2025 15:43

Tgt Ion:	56	Resp:	5179
Ion	Ratio	Lower	Upper
56	100		
69	162.3	24.2	36.2#
84	123.5	72.1	108.1#





#33

1,2-Dichloroethane-d4

Concen: 48.810 ug/l

RT: 5.928 min Scan# 794

Delta R.T. -0.012 min

Lab File: VX048879.D

Acq: 15 Dec 2025 15:43

Instrument :

MSVOA_X

ClientSampleId :

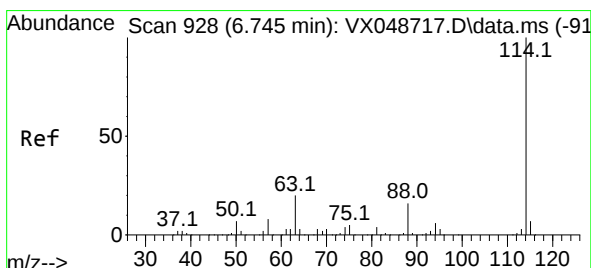
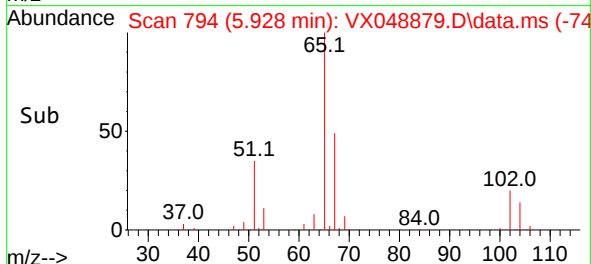
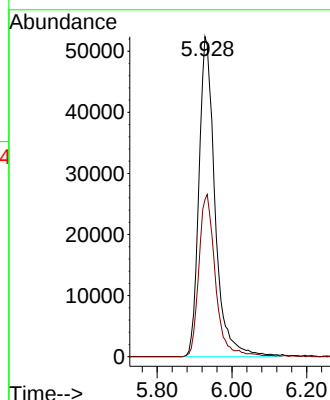
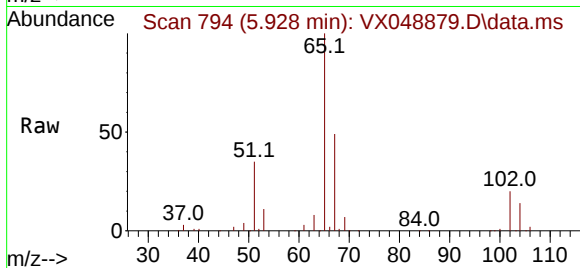
EB01-121225

Tgt Ion: 65 Resp: 156503

Ion Ratio Lower Upper

65 100

67 52.2 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: VX048879.D

Acq: 15 Dec 2025 15:43

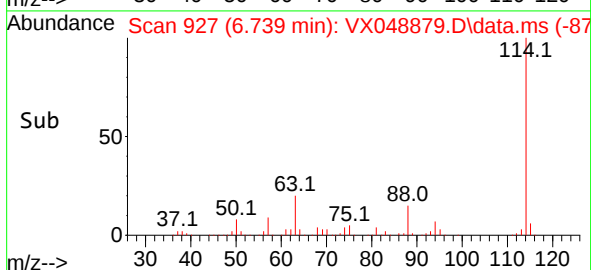
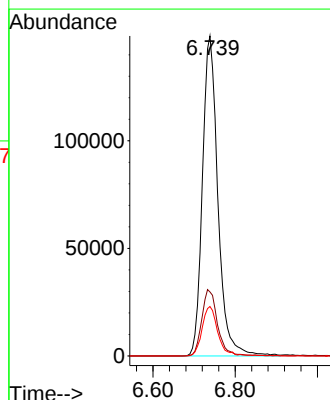
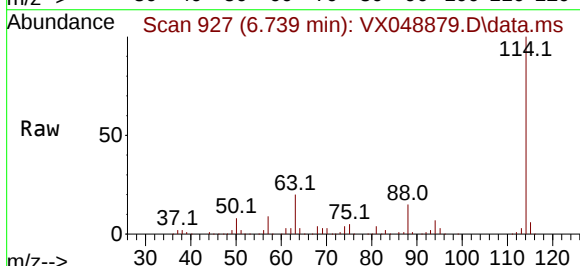
Tgt Ion: 114 Resp: 388972

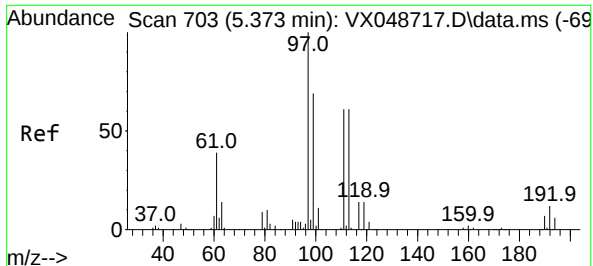
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.0

88 15.5 0.0 31.8

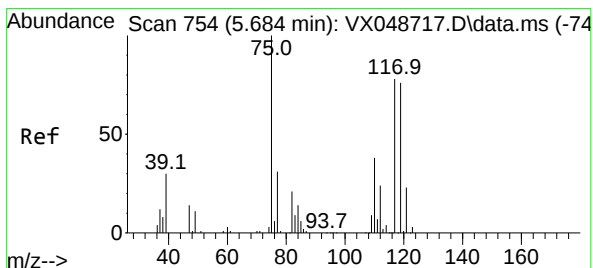
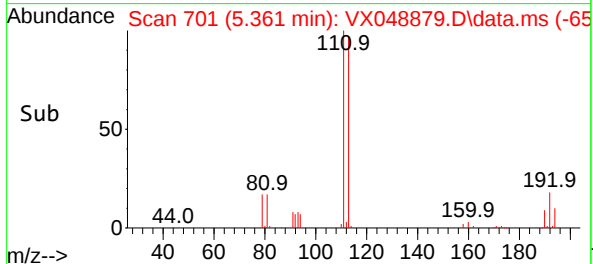
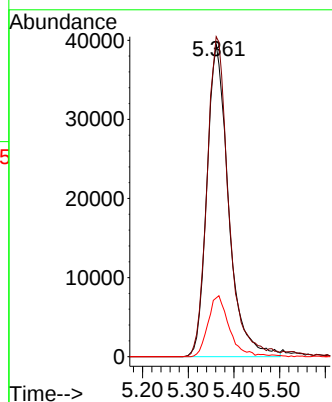
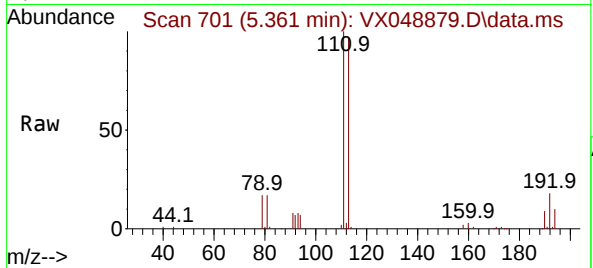




#35
 Dibromofluoromethane
 Concen: 48.622 ug/l
 RT: 5.361 min Scan# 703
 Delta R.T. -0.012 min
 Lab File: VX048879.D
 Acq: 15 Dec 2025 15:43

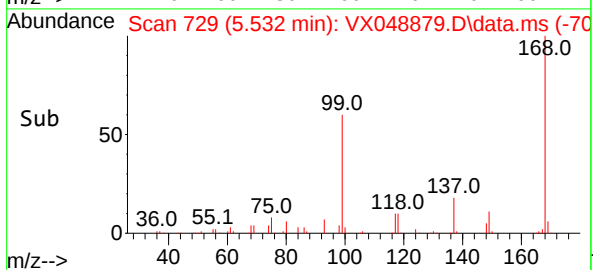
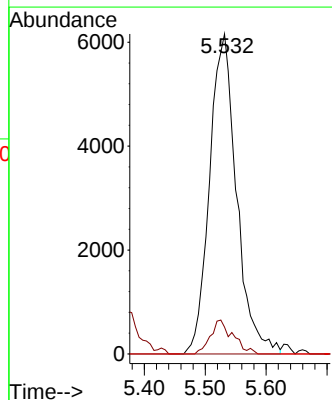
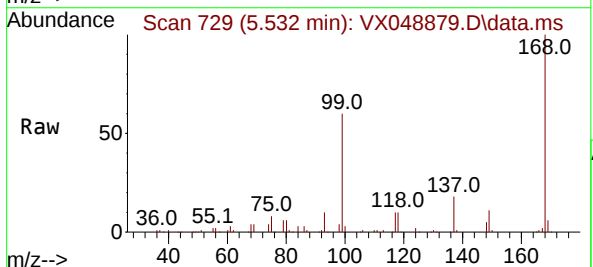
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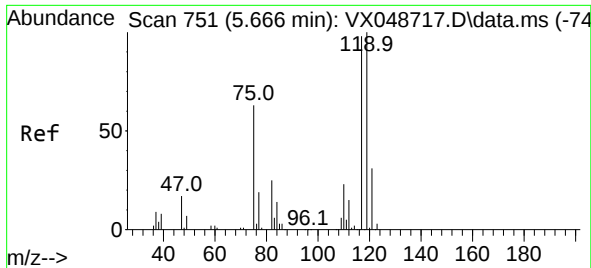
Tgt Ion:113 Resp: 130220
 Ion Ratio Lower Upper
 113 100
 111 101.5 79.5 119.3
 192 18.9 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 5.171 ug/l
 RT: 5.532 min Scan# 729
 Delta R.T. -0.152 min
 Lab File: VX048879.D
 Acq: 15 Dec 2025 15:43

Tgt Ion: 75 Resp: 18969
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.6 55.8#
 77 0.0 25.3 37.9#

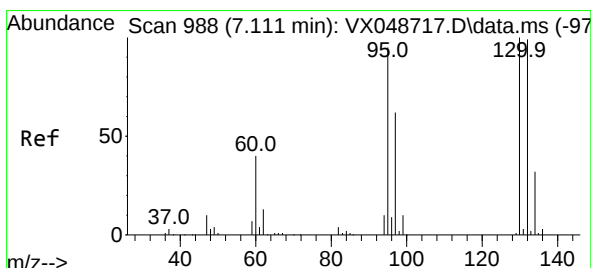
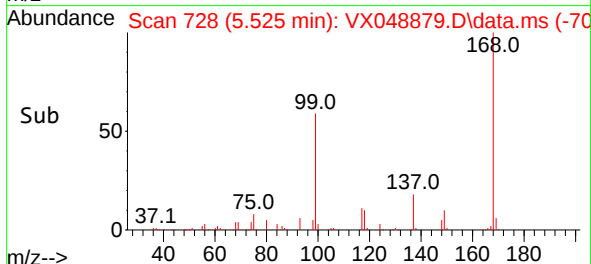
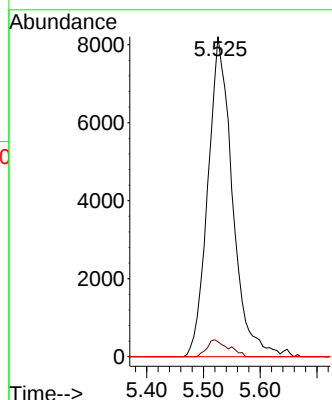
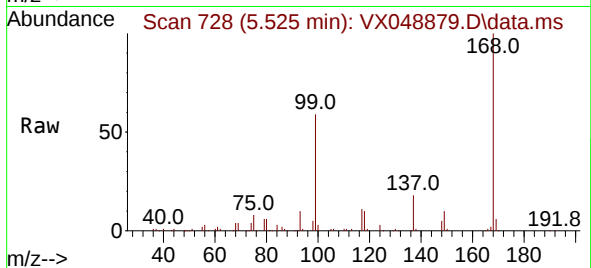




#38
Carbon Tetrachloride
Concen: 5.922 ug/l
RT: 5.525 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX048879.D
Acq: 15 Dec 2025 15:43

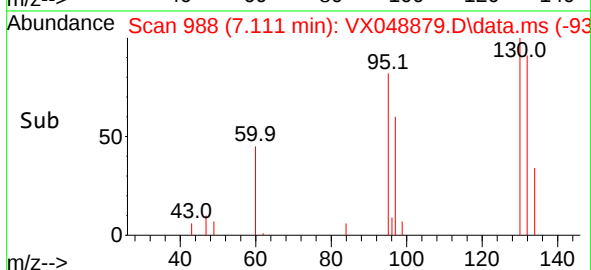
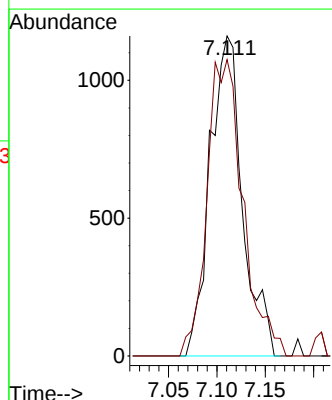
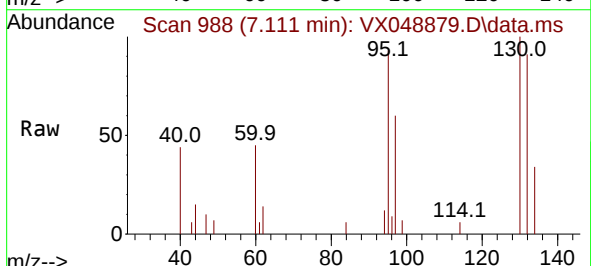
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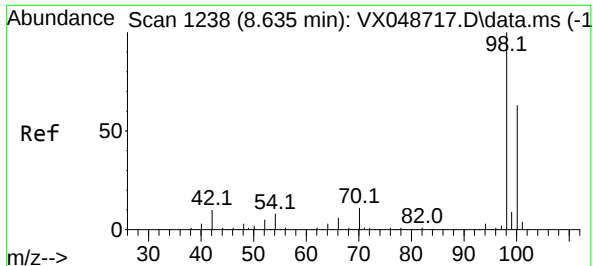
Tgt Ion:117 Resp: 24608
Ion Ratio Lower Upper
117 100
119 4.7 80.5 120.7#
121 0.0 25.4 38.0#



#44
Trichloroethene
Concen: 0.957 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048879.D
Acq: 15 Dec 2025 15:43

Tgt Ion:130 Resp: 2715
Ion Ratio Lower Upper
130 100
95 92.6 0.0 189.6

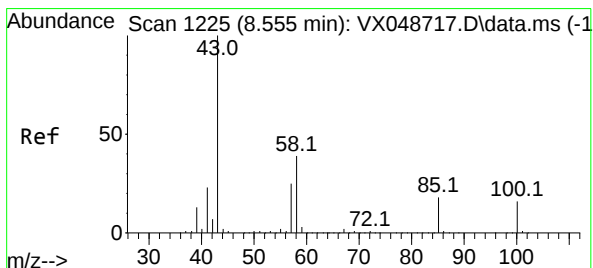
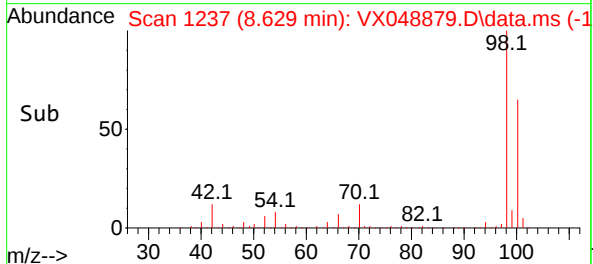
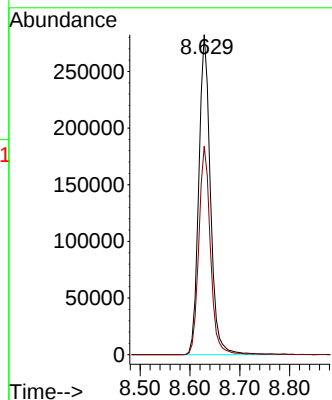
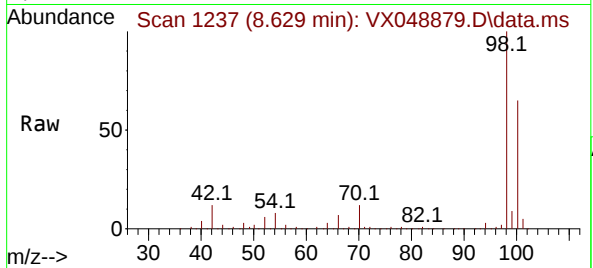




#50
Toluene-d8
Concen: 48.766 ug/l
RT: 8.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048879.D
Acq: 15 Dec 2025 15:43

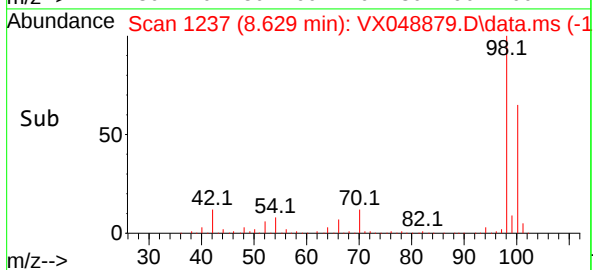
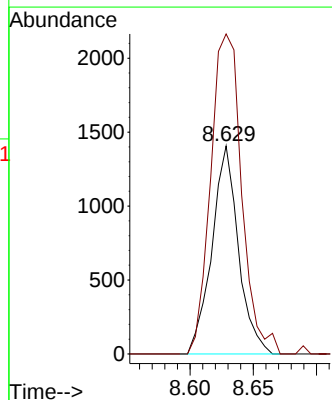
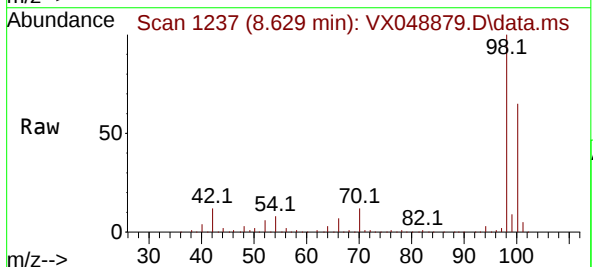
Instrument :
MSVOA_X
ClientSampleId :
EB01-121225

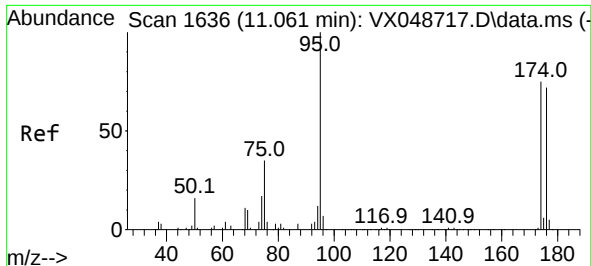
Tgt Ion: 98 Resp: 457817
Ion Ratio Lower Upper
98 100
100 65.0 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.497 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. 0.073 min
Lab File: VX048879.D
Acq: 15 Dec 2025 15:43

Tgt Ion: 43 Resp: 2048
Ion Ratio Lower Upper
43 100
58 180.3 32.2 48.4#

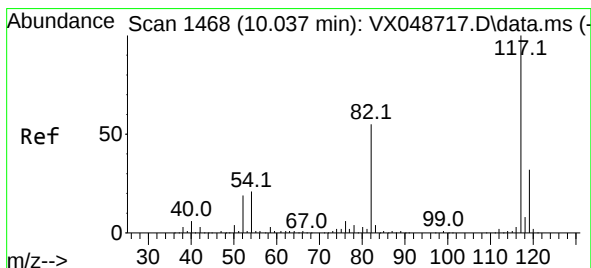
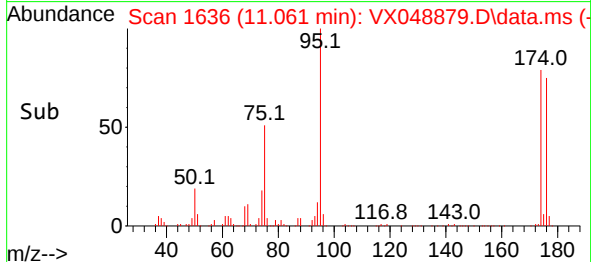
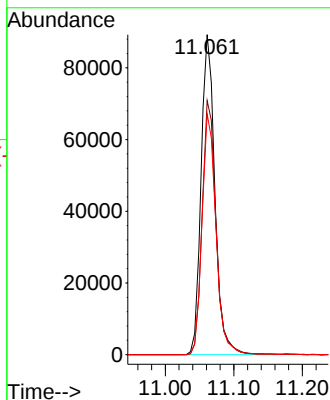
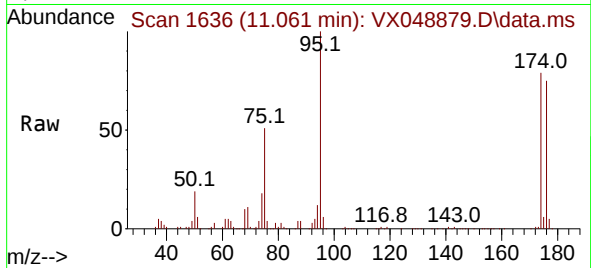




#62
4-Bromofluorobenzene
Concen: 38.811 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048879.D
Acq: 15 Dec 2025 15:43

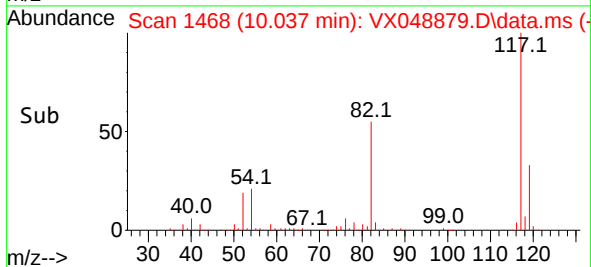
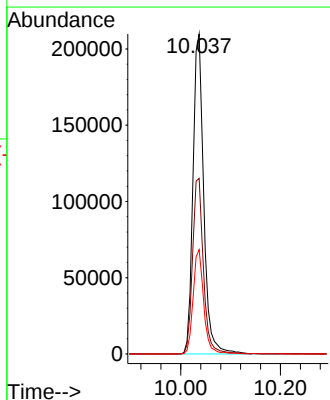
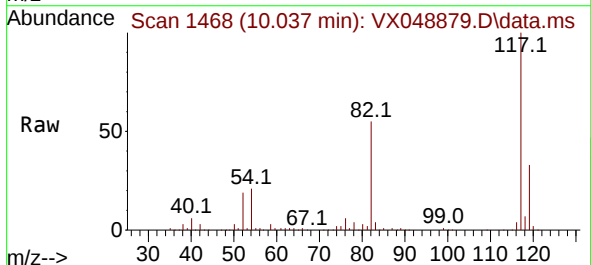
Instrument :
MSVOA_X
ClientSampleId :
EB01-121225

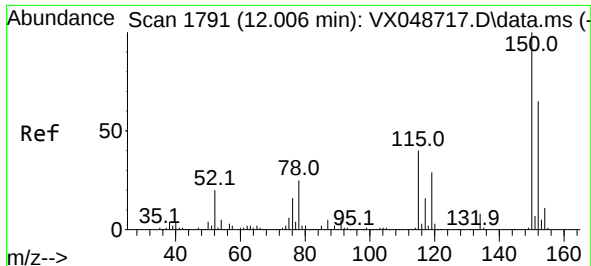
Tgt Ion: 95 Resp: 125642
Ion Ratio Lower Upper
95 100
174 79.5 0.0 157.8
176 76.2 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048879.D
Acq: 15 Dec 2025 15:43

Tgt Ion: 117 Resp: 314578
Ion Ratio Lower Upper
117 100
82 54.8 44.1 66.1
119 32.6 25.2 37.8

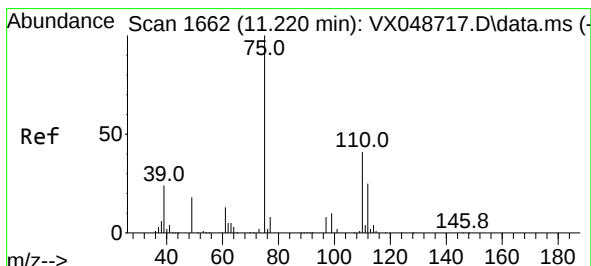
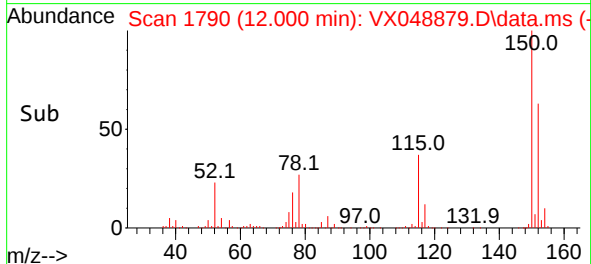
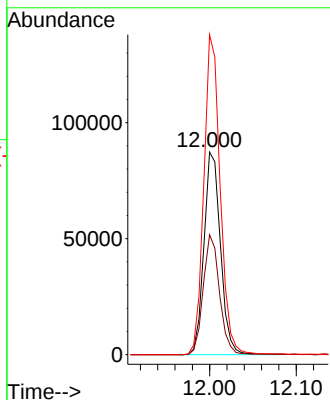
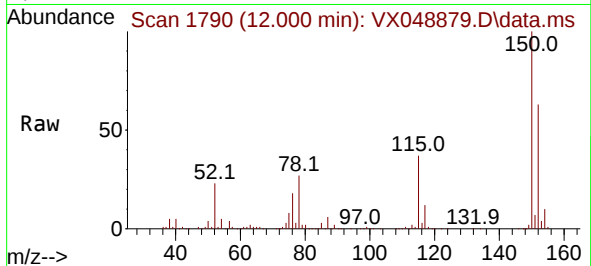




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048879.D
Acq: 15 Dec 2025 15:43

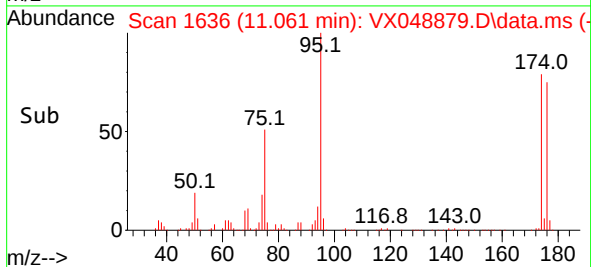
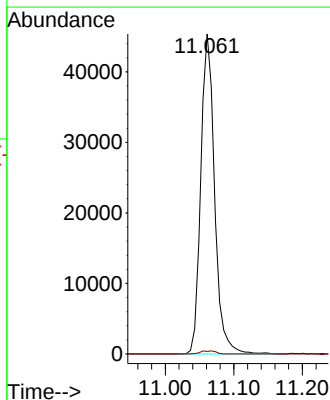
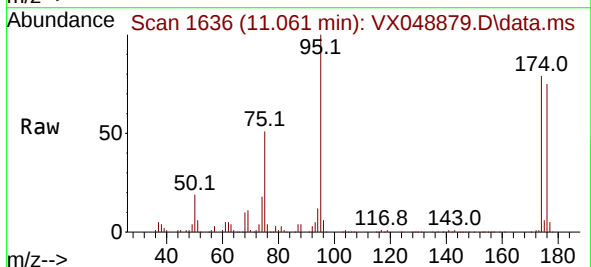
Instrument :
MSVOA_X
ClientSampleId :
EB01-121225

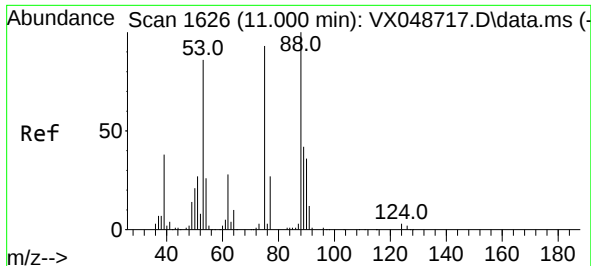
Tgt Ion:152 Resp: 115901
Ion Ratio Lower Upper
152 100
115 58.5 42.1 126.4
150 156.6 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 29.493 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048879.D
Acq: 15 Dec 2025 15:43

Tgt Ion: 75 Resp: 63667
Ion Ratio Lower Upper
75 100
77 1.1 24.3 73.0#

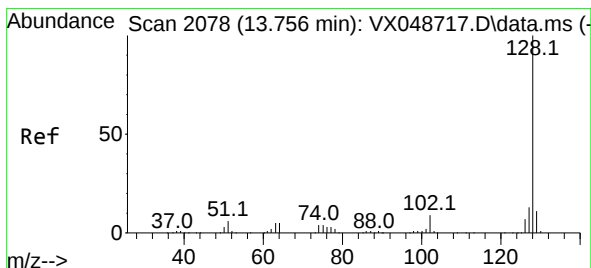
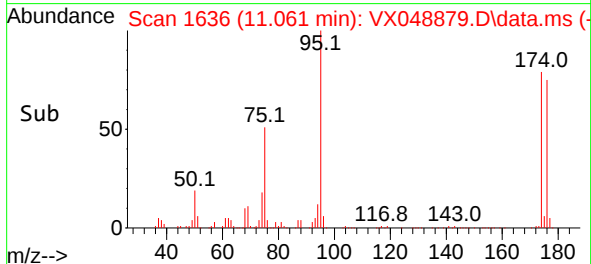
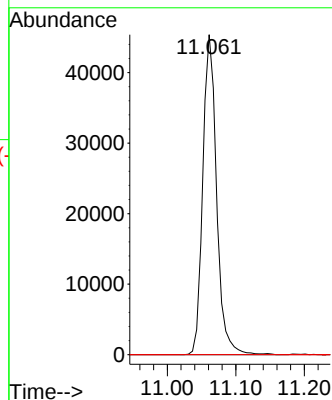
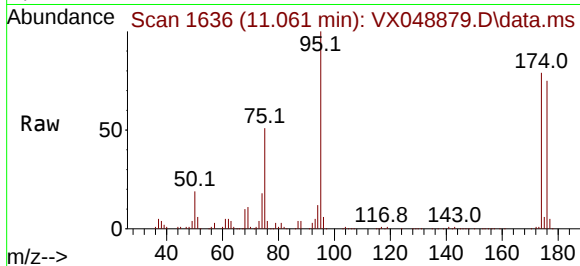




#81
trans-1,4-Dichloro-2-butene
Concen: 70.058 ug/l
RT: 11.061 min Scan# 11
Delta R.T. 0.061 min
Lab File: VX048879.D
Acq: 15 Dec 2025 15:43

Instrument :
MSVOA_X
ClientSampleId :
EB01-121225

Tgt Ion: 75 Resp: 63667
Ion Ratio Lower Upper
75 100
53 0.0 79.9 119.9#
89 0.0 67.1 100.7#



#95
Naphthalene
Concen: Below Cal
RT: 13.786 min Scan# 2083
Delta R.T. 0.030 min
Lab File: VX048879.D
Acq: 15 Dec 2025 15:43

Tgt Ion:128 Resp: 21
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

