

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
 Data File : VX048851.D
 Acq On : 12 Dec 2025 13:53
 Operator : JC/MD
 Sample : Q3828-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OWBR-06-219-120925

Quant Time: Dec 12 22:12:51 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)

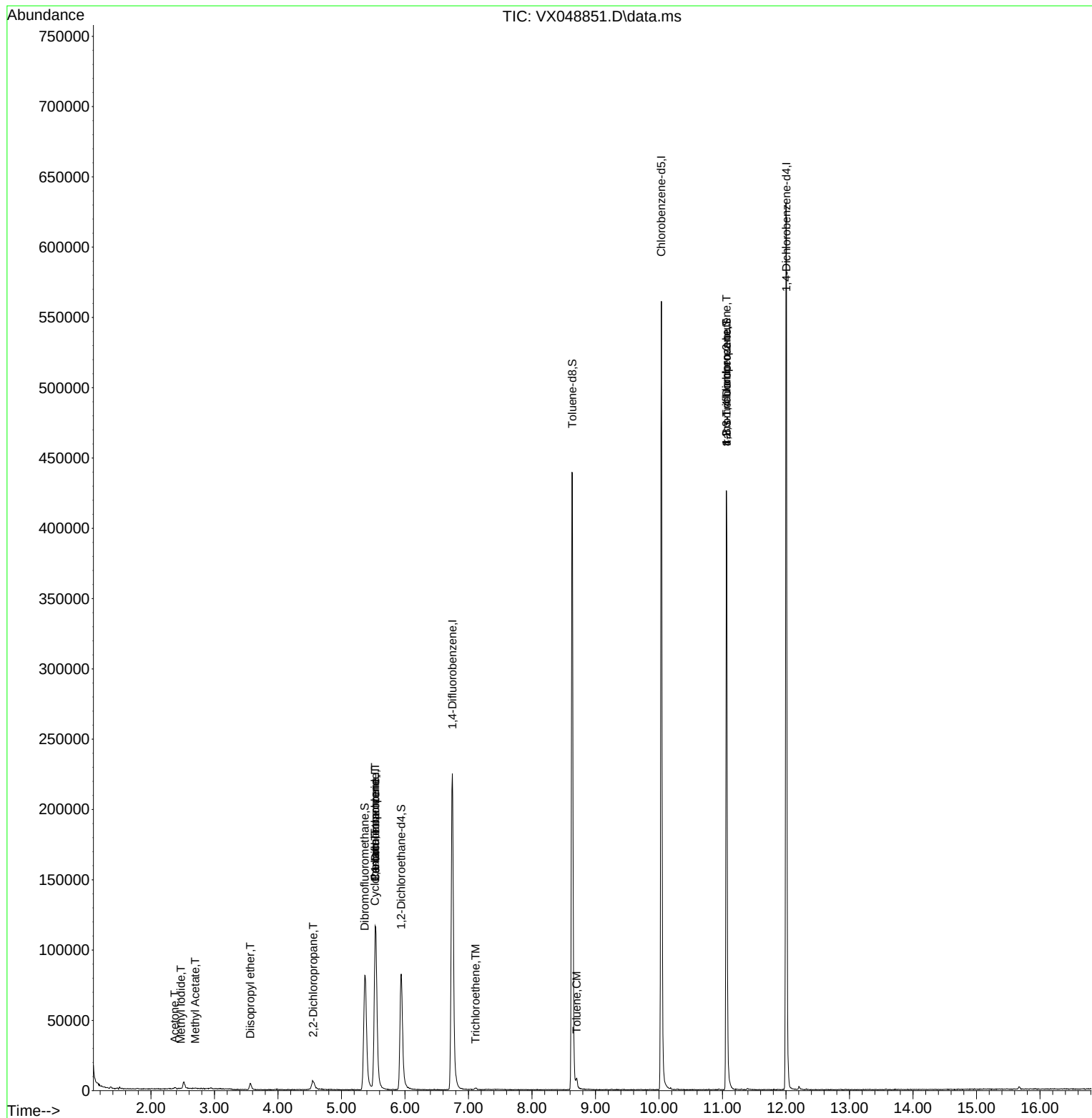
Internal Standards						
1) Pentafluorobenzene	5.532	168	121163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	249454	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	271761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	141522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	91485	56.256	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.520%
35) Dibromofluoromethane	5.367	113	82859	48.241	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.480%
50) Toluene-d8	8.635	98	283444	47.078	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.160%
62) 4-Bromofluorobenzene	11.061	95	122055	58.790	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.580%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.471	142	414	0.211	ug/l #	86
16) Acetone	2.374	43	1349	2.167	ug/l	99
18) Methyl Acetate	2.697	43	498	0.284	ug/l #	59
22) Diisopropyl ether	3.562	45	2684	0.608	ug/l #	1
26) 2,2-Dichloropropane	4.556	77	459	0.211	ug/l #	52
31) Cyclohexane	5.525	56	2251	1.024	ug/l #	2
36) 1,1-Dichloropropene	5.532	75	10054	4.274	ug/l #	48
38) Carbon Tetrachloride	5.532	117	12577	4.720	ug/l #	13
44) Trichloroethene	7.111	130	480	0.264	ug/l	74
52) Toluene	8.702	92	2428	0.577	ug/l	100
76) 1,2,3-Trichloropropane	11.061	75	62228	23.608	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	62228	56.078	ug/l #	3
95) Naphthalene	13.768	128	240	Below Cal	#	69

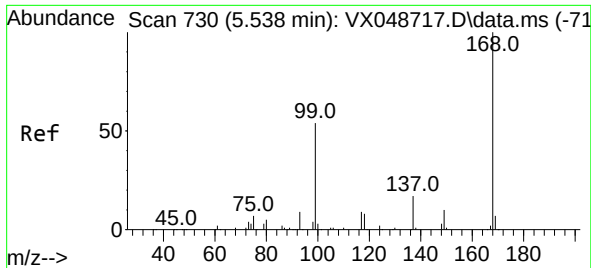
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
Data File : VX048851.D
Acq On : 12 Dec 2025 13:53
Operator : JC/MD
Sample : Q3828-03RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OWBR-06-219-120925

Quant Time: Dec 12 22:12:51 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

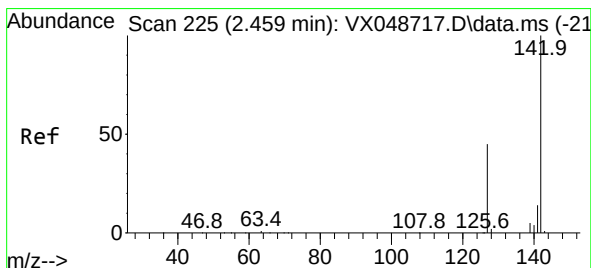
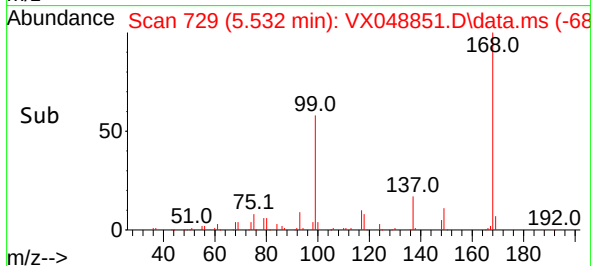
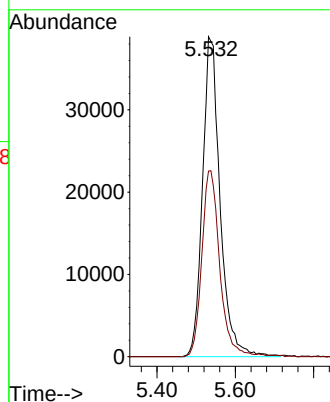
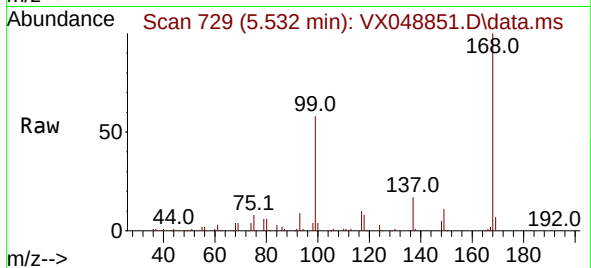




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048851.D
Acq: 12 Dec 2025 13:53

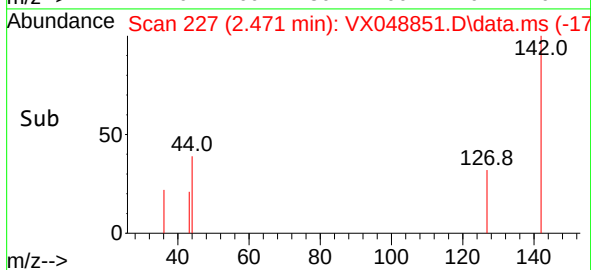
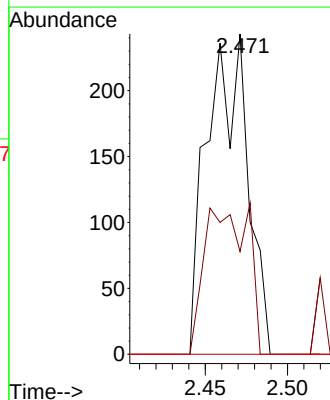
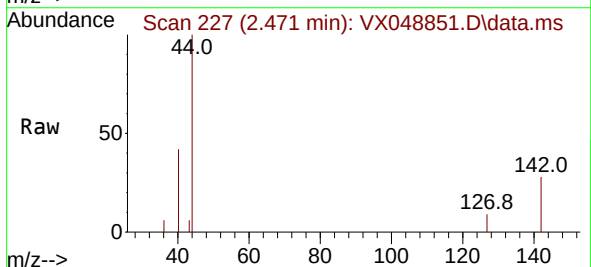
Instrument :
MSVOA_X
ClientSampleId :
OWBR-06-219-120925

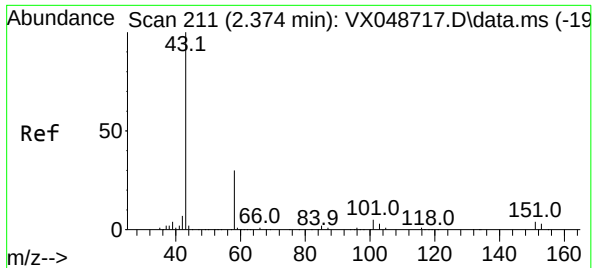
Tgt Ion:168 Resp: 121163
Ion Ratio Lower Upper
168 100
99 58.0 44.2 66.4



#10
Methyl Iodide
Concen: 0.211 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.012 min
Lab File: VX048851.D
Acq: 12 Dec 2025 13:53

Tgt Ion:142 Resp: 414
Ion Ratio Lower Upper
142 100
127 49.8 35.8 53.6
141 0.0 11.1 16.7#

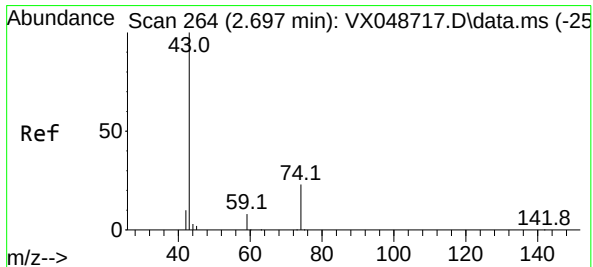
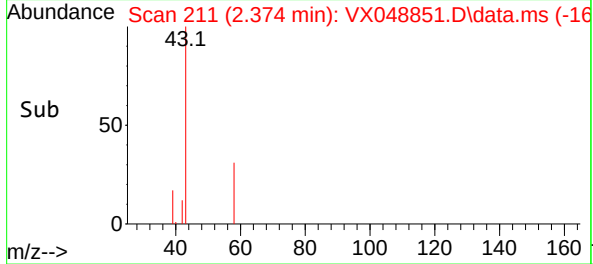
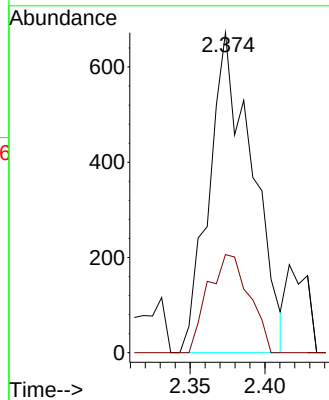
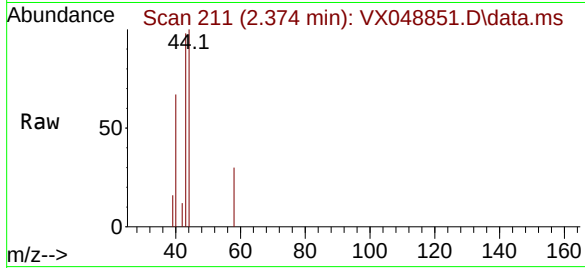




#16
Acetone
Concen: 2.167 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048851.D
Acq: 12 Dec 2025 13:53

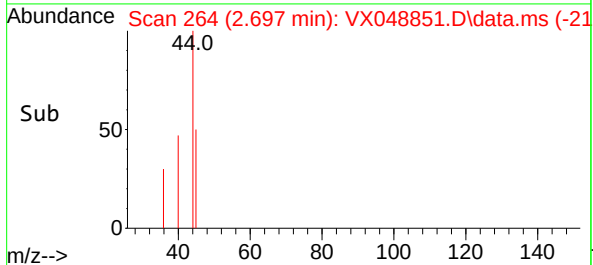
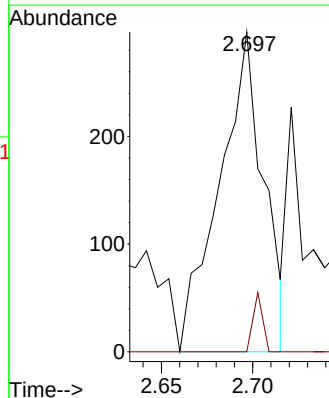
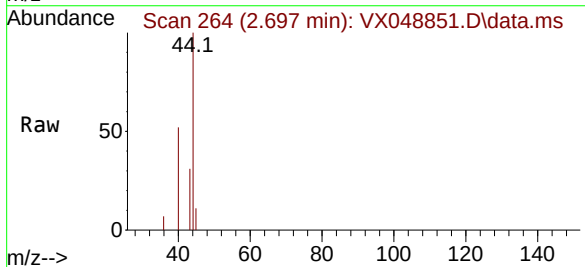
Instrument :
MSVOA_X
ClientSampleId :
OWBR-06-219-120925

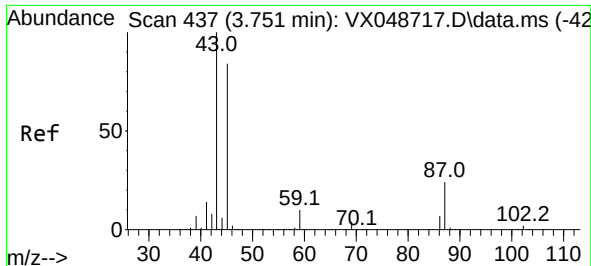
Tgt Ion: 43 Resp: 1349
Ion Ratio Lower Upper
43 100
58 30.7 25.0 37.4



#18
Methyl Acetate
Concen: 0.284 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048851.D
Acq: 12 Dec 2025 13:53

Tgt Ion: 43 Resp: 498
Ion Ratio Lower Upper
43 100
74 4.0 19.2 28.8#

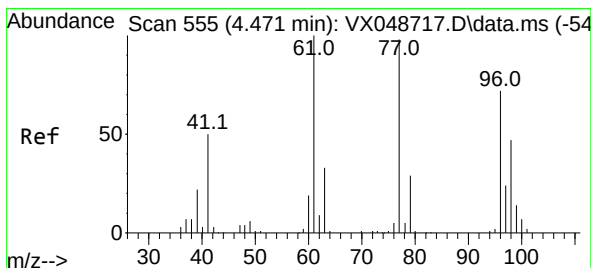
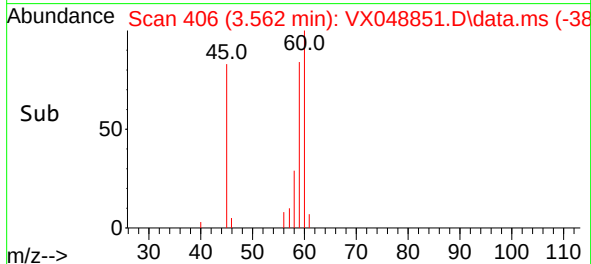
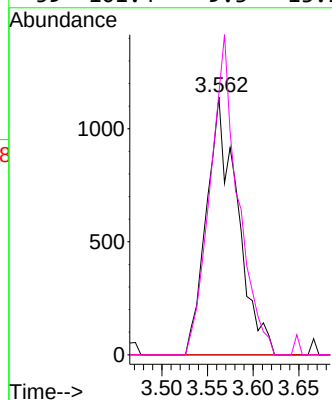
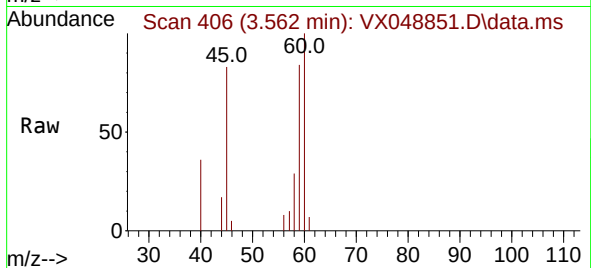




#22
Diisopropyl ether
Concen: 0.608 ug/l
RT: 3.562 min Scan# 406
Delta R.T. -0.189 min
Lab File: VX048851.D
Acq: 12 Dec 2025 13:53

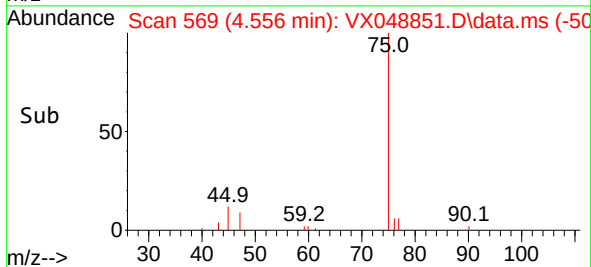
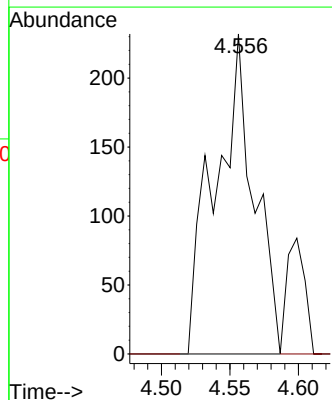
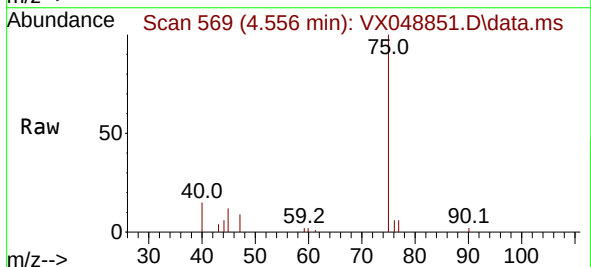
Instrument :
MSVOA_X
ClientSampleId :
OWBR-06-219-120925

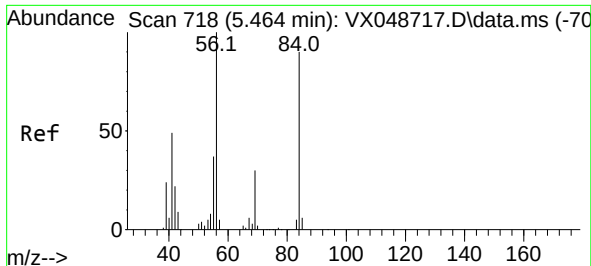
Tgt Ion: 45 Resp: 2684
Ion Ratio Lower Upper
45 100
43 0.0 94.9 142.3#
87 0.0 23.2 34.8#
59 101.4 9.3 13.9#



#26
2,2-Dichloropropane
Concen: 0.211 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.085 min
Lab File: VX048851.D
Acq: 12 Dec 2025 13:53

Tgt Ion: 77 Resp: 459
Ion Ratio Lower Upper
77 100
97 0.0 11.6 34.8#

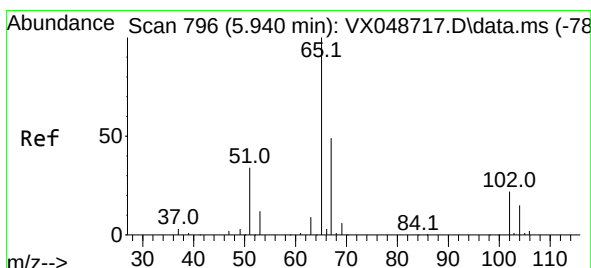
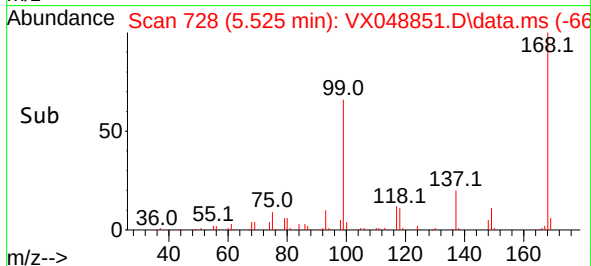
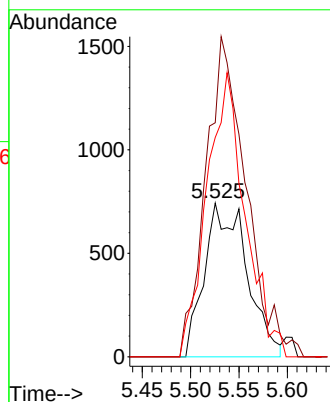
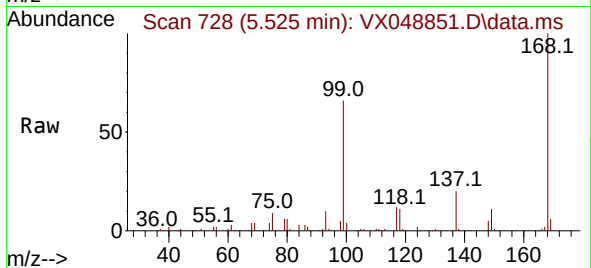




#31
Cyclohexane
Concen: 1.024 ug/l
RT: 5.525 min Scan# 718
Delta R.T. 0.061 min
Lab File: VX048851.D
Acq: 12 Dec 2025 13:53

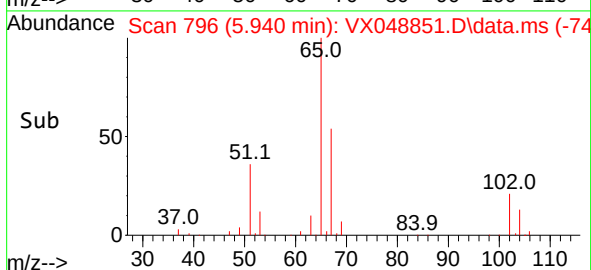
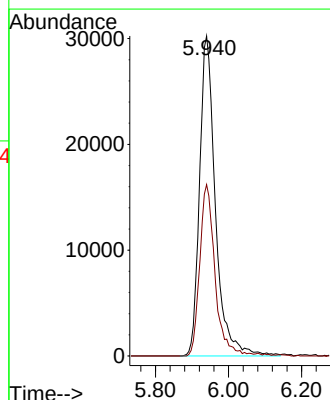
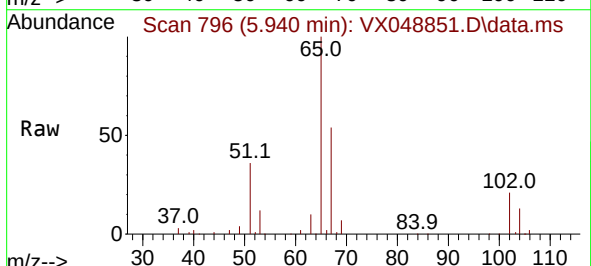
Instrument :
MSVOA_X
ClientSampleId :
OWBR-06-219-120925

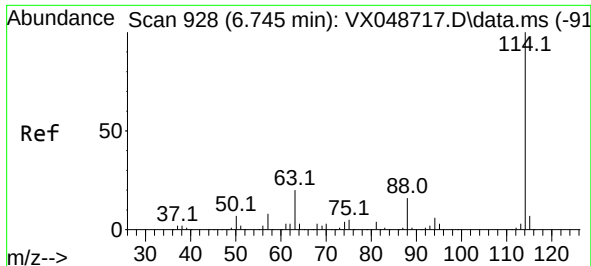
Tgt Ion: 56 Resp: 2251
Ion Ratio Lower Upper
56 100
69 152.2 24.2 36.2#
84 142.7 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 56.256 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048851.D
Acq: 12 Dec 2025 13:53

Tgt Ion: 65 Resp: 91485
Ion Ratio Lower Upper
65 100
67 51.4 0.0 107.4

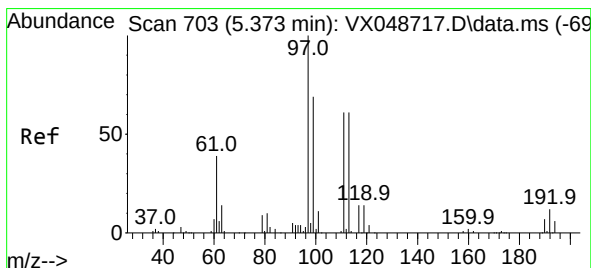
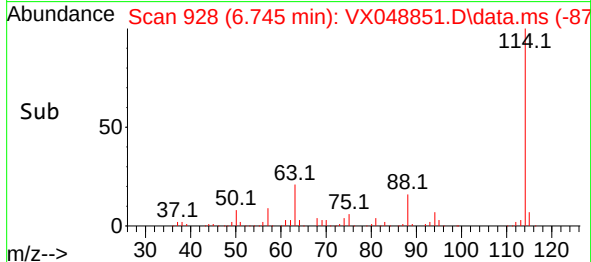
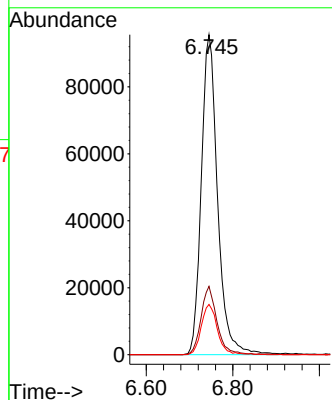
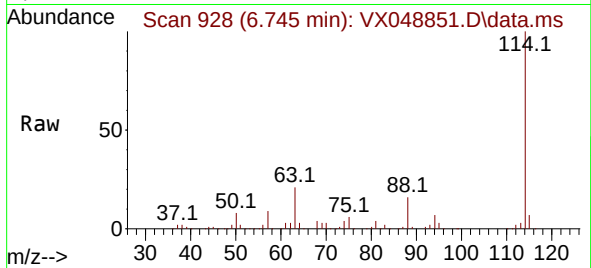




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048851.D
Acq: 12 Dec 2025 13:53

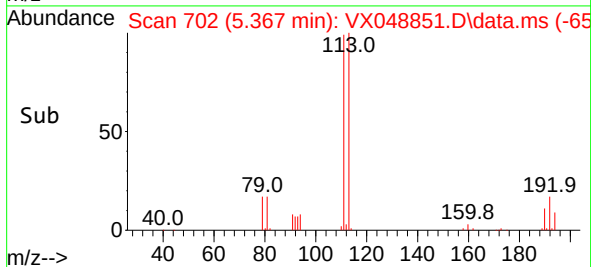
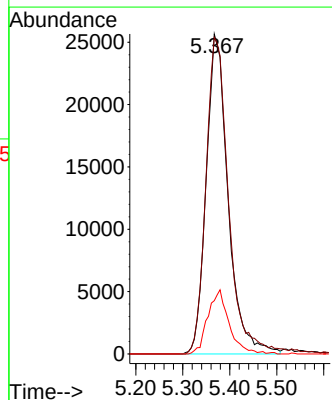
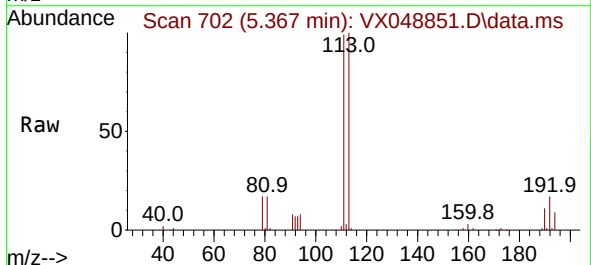
Instrument :
MSVOA_X
ClientSampleId :
OWBR-06-219-120925

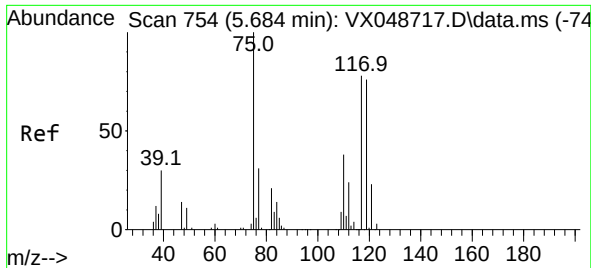
Tgt Ion:114 Resp: 249454
Ion Ratio Lower Upper
114 100
63 21.4 0.0 39.0
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.241 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048851.D
Acq: 12 Dec 2025 13:53

Tgt Ion:113 Resp: 82859
Ion Ratio Lower Upper
113 100
111 102.7 79.5 119.3
192 19.5 16.1 24.1

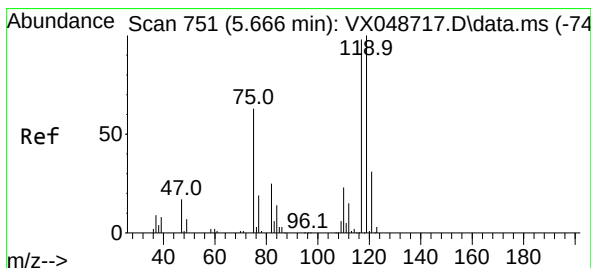
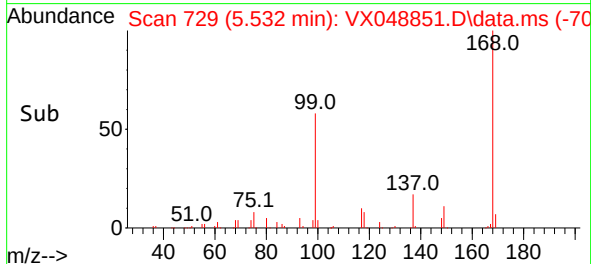
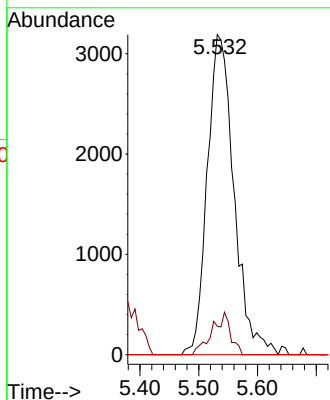
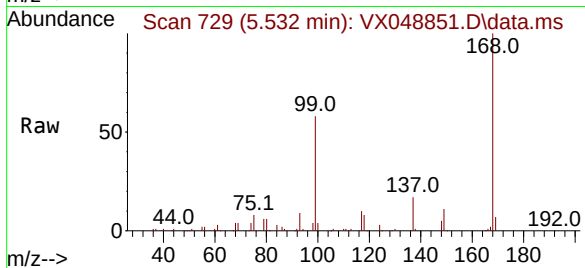




#36
1,1-Dichloropropene
Concen: 4.274 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX048851.D
Acq: 12 Dec 2025 13:53

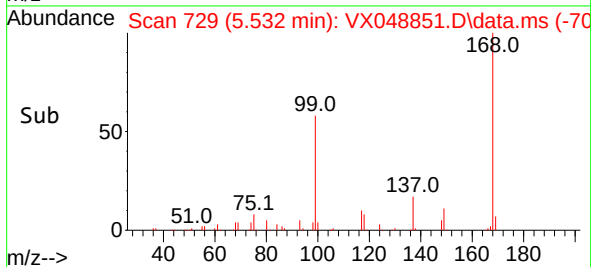
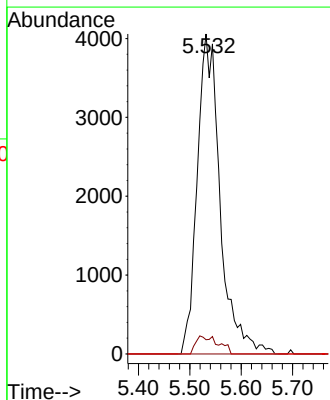
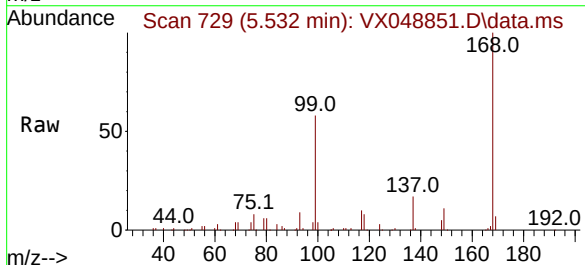
Instrument :
MSVOA_X
ClientSampleId :
OWBR-06-219-120925

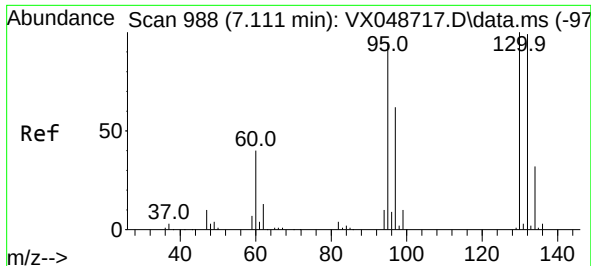
Tgt Ion: 75 Resp: 10054
Ion Ratio Lower Upper
75 100
110 9.2 18.6 55.8#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 4.720 ug/l
RT: 5.532 min Scan# 729
Delta R.T. -0.134 min
Lab File: VX048851.D
Acq: 12 Dec 2025 13:53

Tgt Ion: 117 Resp: 12577
Ion Ratio Lower Upper
117 100
119 4.4 80.5 120.7#
121 0.0 25.4 38.0#

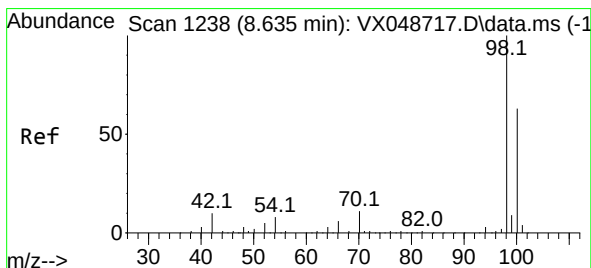
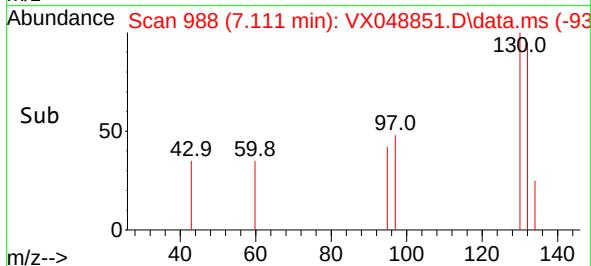
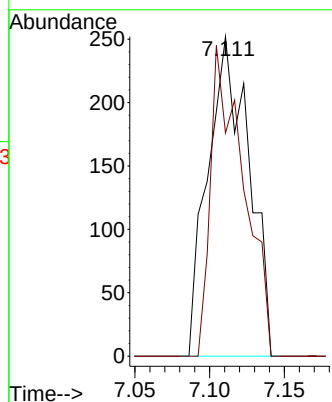
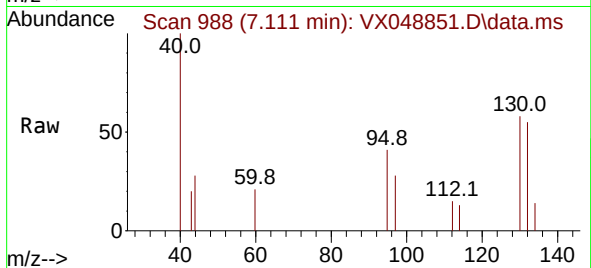




#44
Trichloroethene
Concen: 0.264 ug/l
RT: 7.111 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048851.D
Acq: 12 Dec 2025 13:53

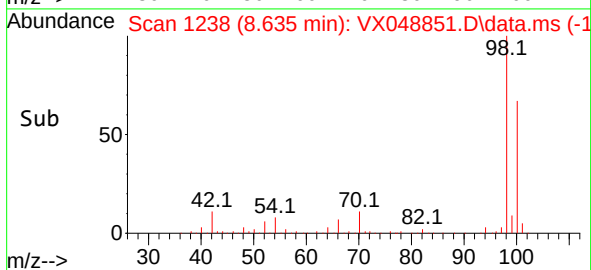
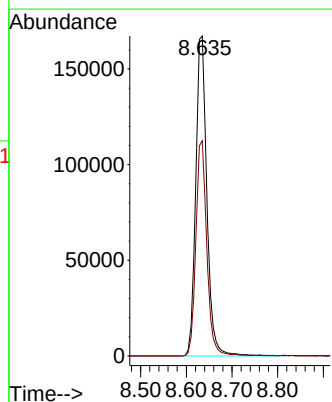
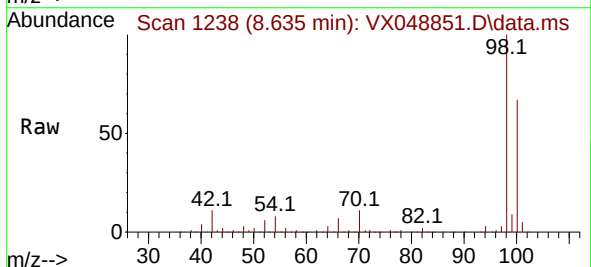
Instrument :
MSVOA_X
ClientSampleId :
OWBR-06-219-120925

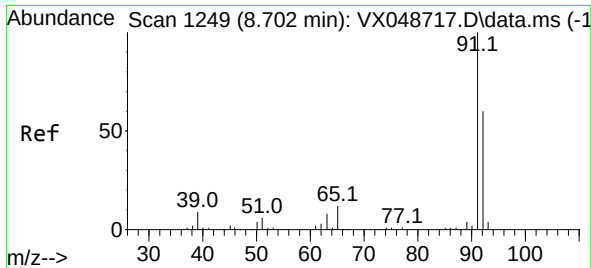
Tgt Ion:130 Resp: 480
Ion Ratio Lower Upper
130 100
95 69.8 0.0 189.6



#50
Toluene-d8
Concen: 47.078 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048851.D
Acq: 12 Dec 2025 13:53

Tgt Ion: 98 Resp: 283444
Ion Ratio Lower Upper
98 100
100 66.2 53.4 80.0

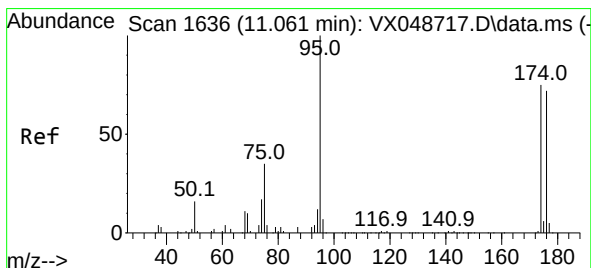
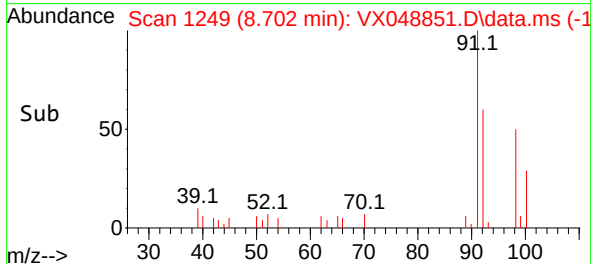
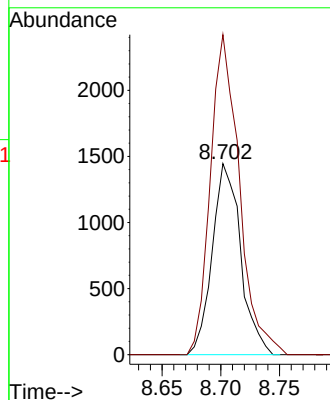
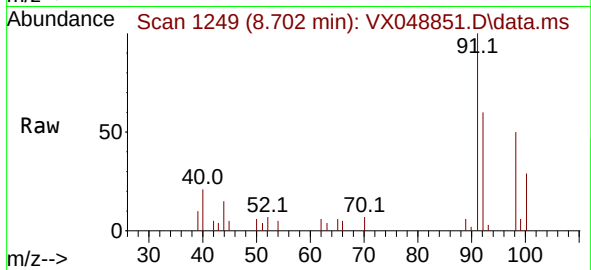




#52
Toluene
Concen: 0.577 ug/l
RT: 8.702 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048851.D
Acq: 12 Dec 2025 13:53

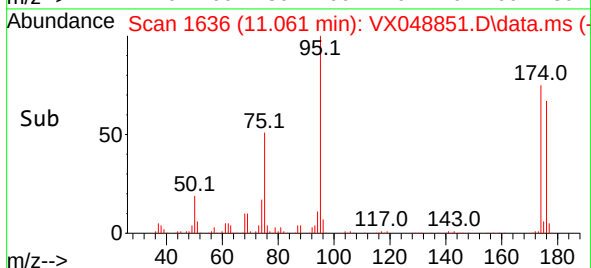
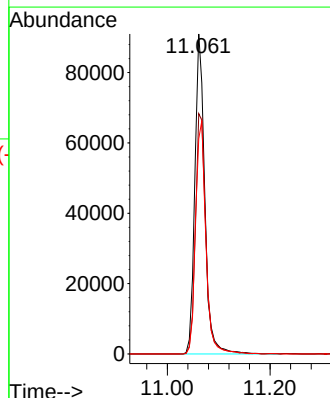
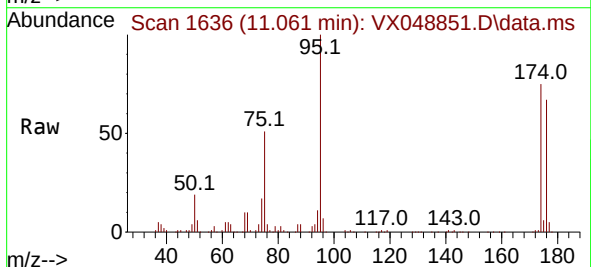
Instrument :
MSVOA_X
ClientSampleId :
OWBR-06-219-120925

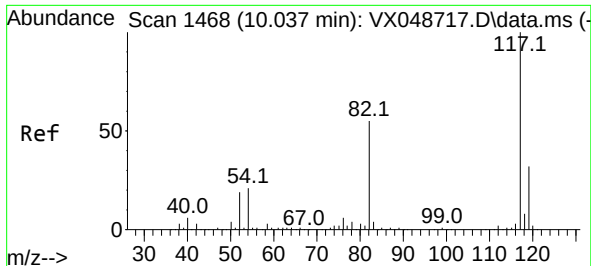
Tgt Ion: 92 Resp: 2428
Ion Ratio Lower Upper
92 100
91 170.9 136.3 204.5



#62
4-Bromofluorobenzene
Concen: 58.790 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048851.D
Acq: 12 Dec 2025 13:53

Tgt Ion: 95 Resp: 122055
Ion Ratio Lower Upper
95 100
174 79.0 0.0 157.8
176 75.9 0.0 154.0

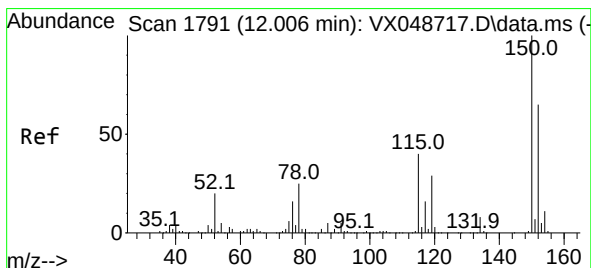
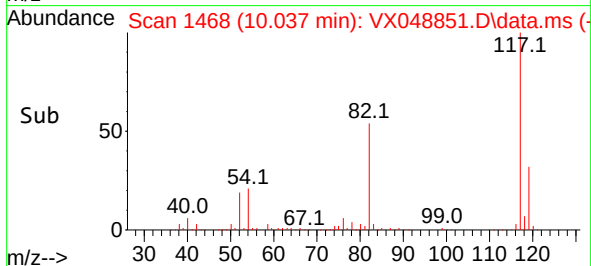
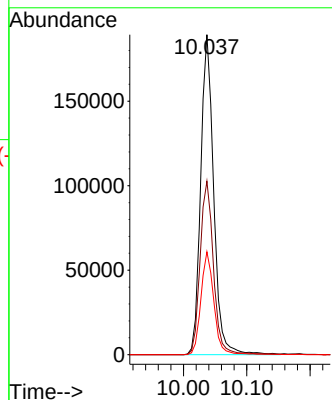
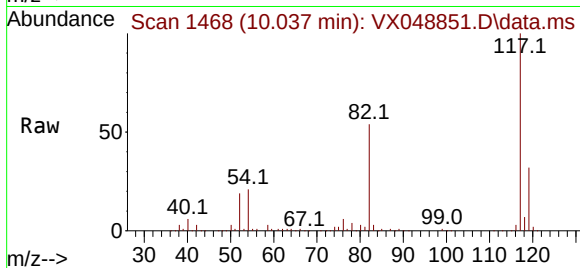




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048851.D
Acq: 12 Dec 2025 13:53

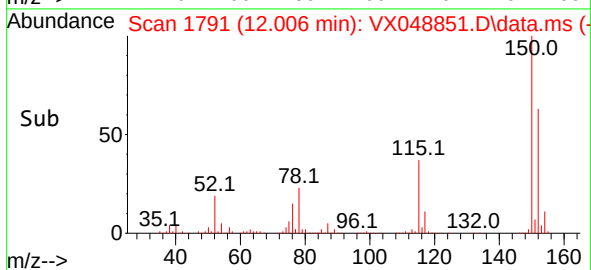
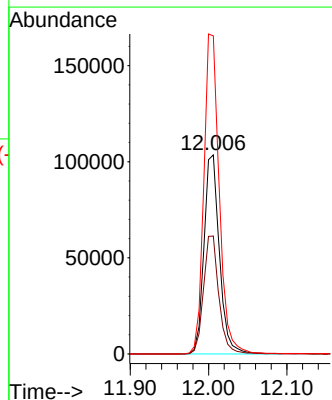
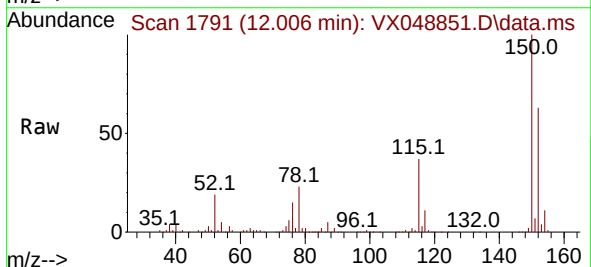
Instrument :
MSVOA_X
ClientSampleId :
OWBR-06-219-120925

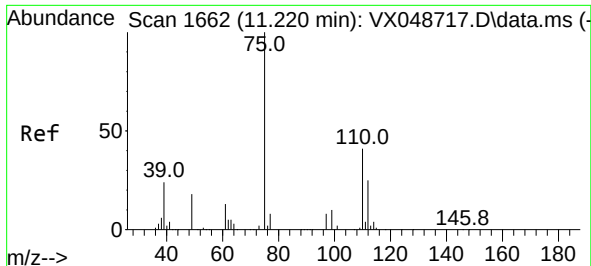
Tgt Ion:117 Resp: 271761
Ion Ratio Lower Upper
117 100
82 54.2 44.1 66.1
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048851.D
Acq: 12 Dec 2025 13:53

Tgt Ion:152 Resp: 141522
Ion Ratio Lower Upper
152 100
115 59.3 42.1 126.4
150 160.7 0.0 347.8

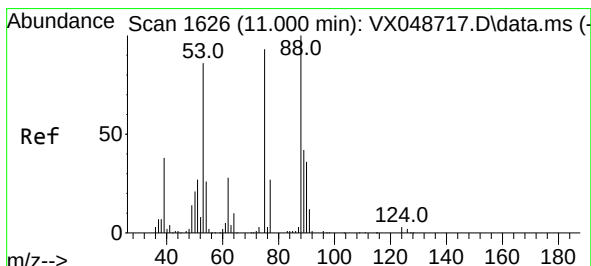
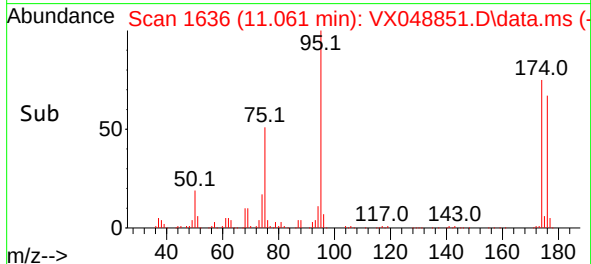
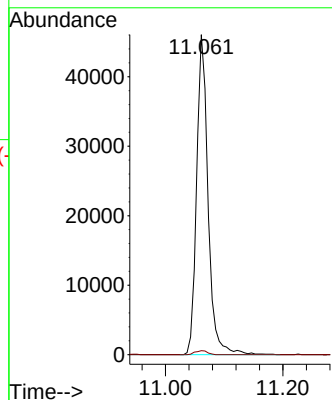
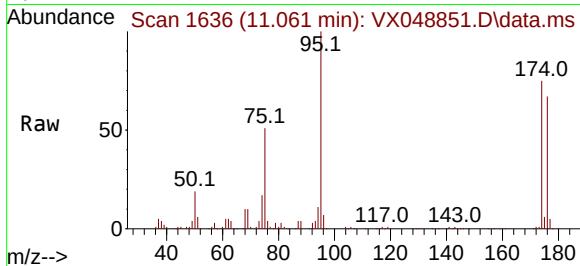




#76
1,2,3-Trichloropropane
Concen: 23.608 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.158 min
Lab File: VX048851.D
Acq: 12 Dec 2025 13:53

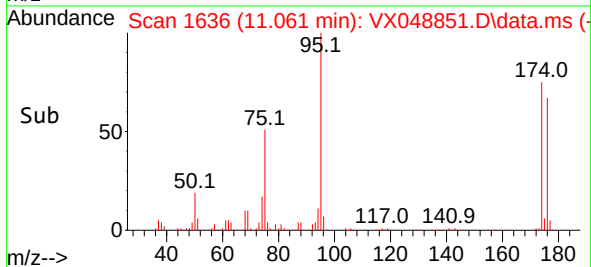
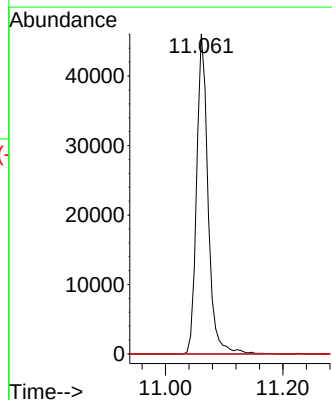
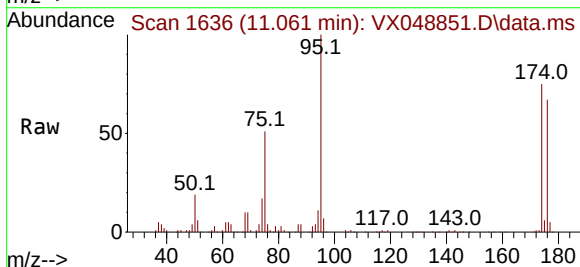
Instrument :
MSVOA_X
ClientSampleId :
OWBR-06-219-120925

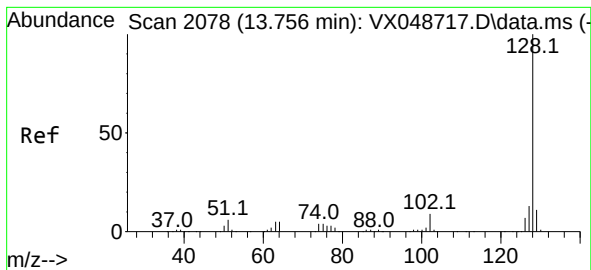
Tgt Ion: 75 Resp: 62228
Ion Ratio Lower Upper
75 100
77 1.3 24.3 73.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.078 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048851.D
Acq: 12 Dec 2025 13:53

Tgt Ion: 75 Resp: 62228
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: 13.768 min Scan# 20

Delta R.T. 0.012 min

Lab File: VX048851.D

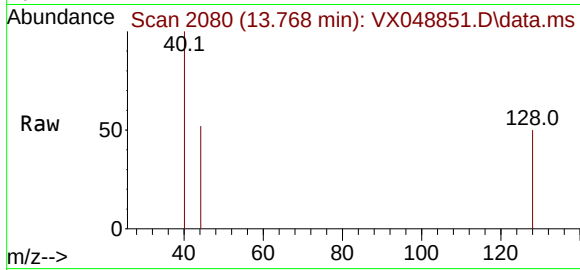
Acq: 12 Dec 2025 13:53

Instrument :

MSVOA_X

ClientSampleId :

OWBR-06-219-120925



Tgt Ion:128 Resp: 240

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 8.6 13.0#

