

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
 Data File : VX048811.D
 Acq On : 10 Dec 2025 15:11
 Operator : JC/MD
 Sample : Q3787-17RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-08B-72.5-120425-FDRE

Quant Time: Dec 11 00:24:15 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	5.538	168	154804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	318388	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	343017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	186375	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	121686	58.566	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	117.140%#
35) Dibromofluoromethane	5.379	113	104014	47.447	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.900%
50) Toluene-d8	8.635	98	361441	47.035	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.080%
62) 4-Bromofluorobenzene	11.061	95	162743	61.416	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	122.840%

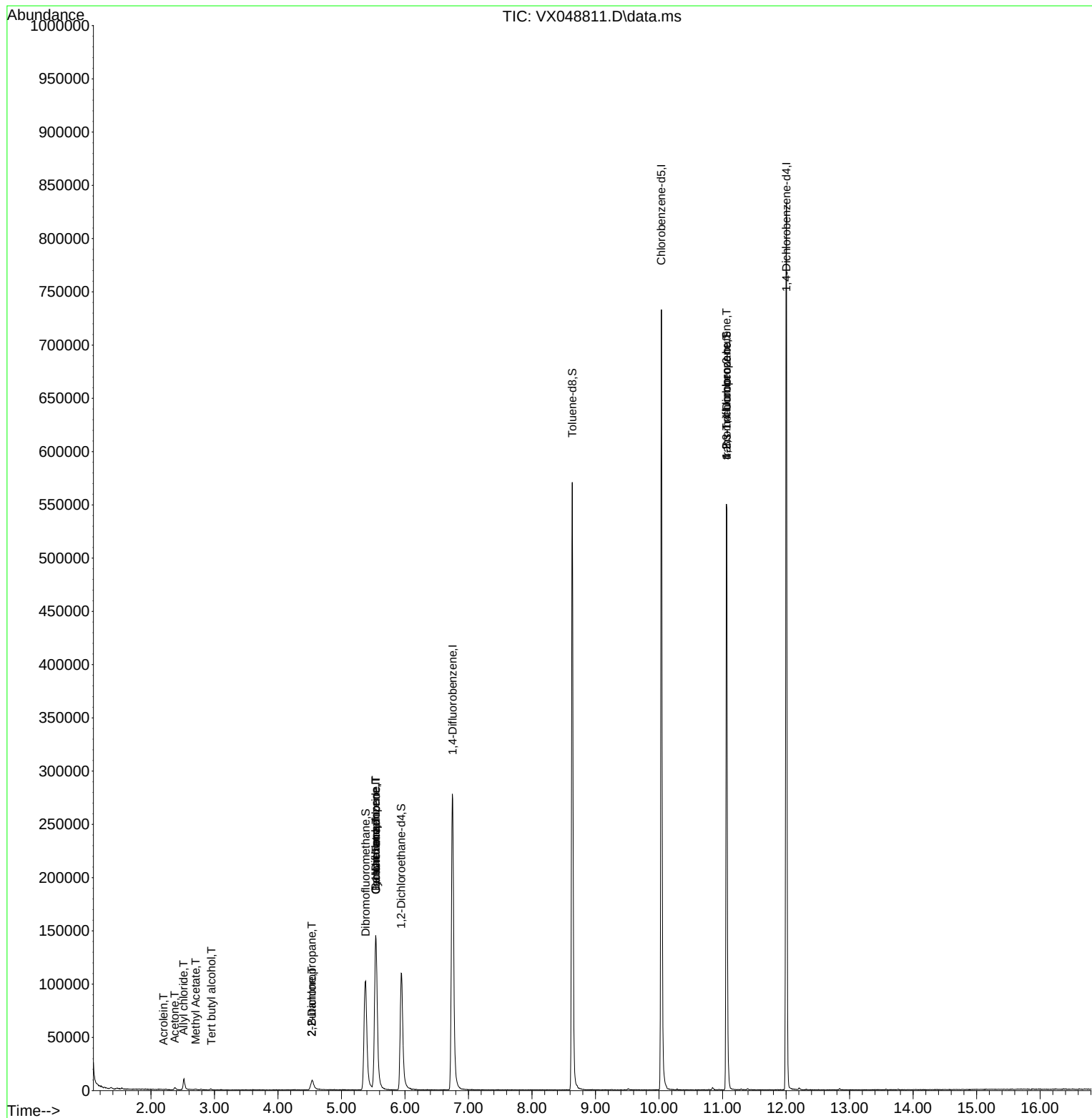
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.953	59	316	0.942	ug/l #	73
13) Acrolein	2.197	56	19	40.227	ug/l #	15
14) Allyl chloride	2.514	41	1204	0.399	ug/l #	62
16) Acetone	2.374	43	2774	3.488	ug/l	100
18) Methyl Acetate	2.703	43	1000	0.447	ug/l #	62
25) 2-Butanone	4.532	43	423	0.360	ug/l #	46
26) 2,2-Dichloropropane	4.532	77	806	0.290	ug/l #	52
31) Cyclohexane	5.544	56	3007	1.071	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	12042	4.011	ug/l #	48
38) Carbon Tetrachloride	5.544	117	15123	4.447	ug/l #	14
76) 1,2,3-Trichloropropane	11.061	75	79365	22.863	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	79365	54.309	ug/l #	3
95) Naphthalene	13.768	128	622	Below Cal	#	84

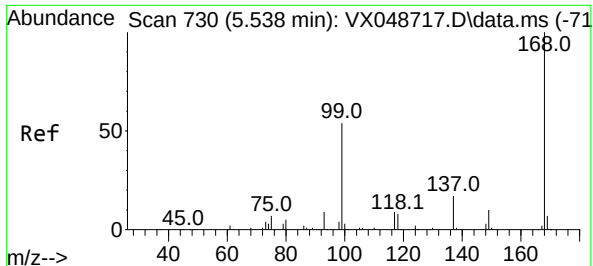
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

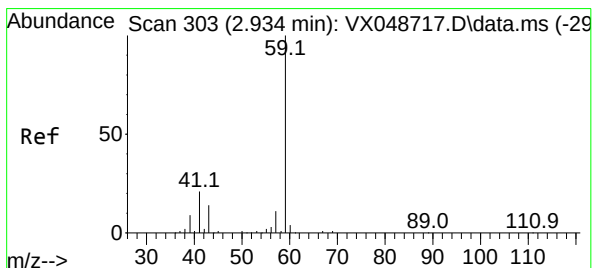
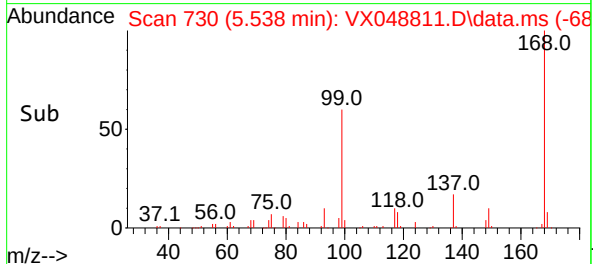
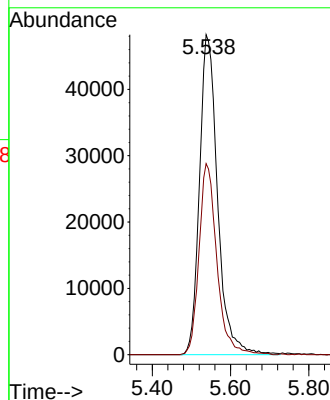
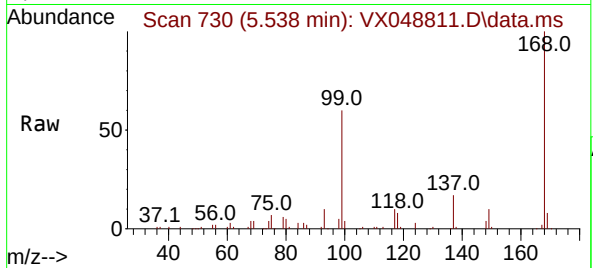




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048811.D
Acq: 10 Dec 2025 15:11

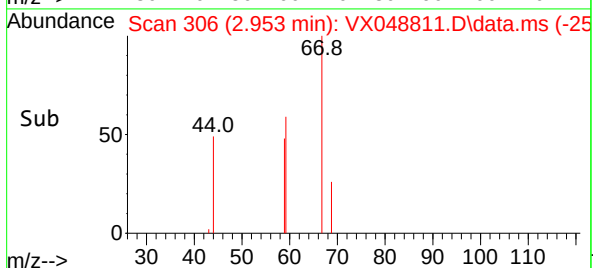
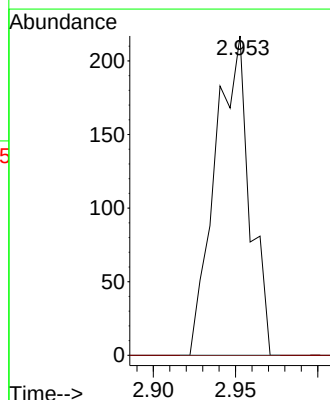
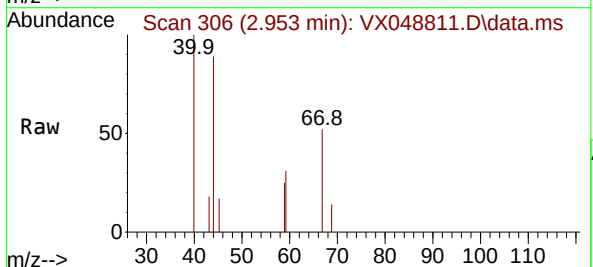
Instrument :
MSVOA_X
ClientSampleId :
OW-08B-72.5-120425-FDRE

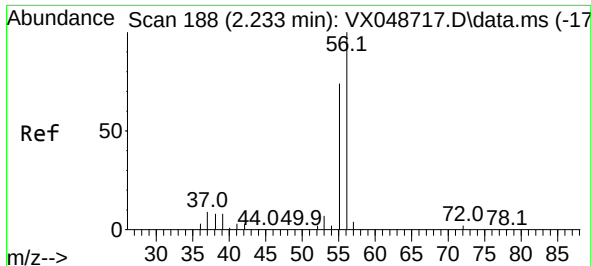
Tgt Ion:168 Resp: 154804
Ion Ratio Lower Upper
168 100
99 59.7 44.2 66.4



#11
Tert butyl alcohol
Concen: 0.942 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.018 min
Lab File: VX048811.D
Acq: 10 Dec 2025 15:11

Tgt Ion: 59 Resp: 316
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

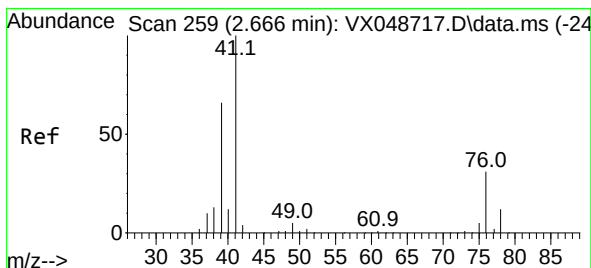
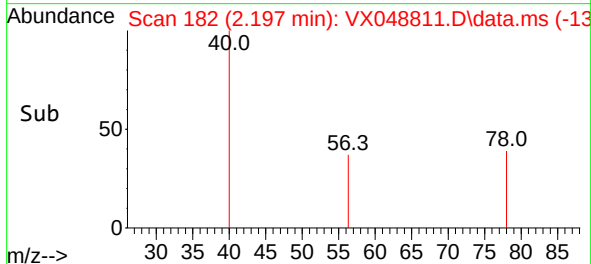
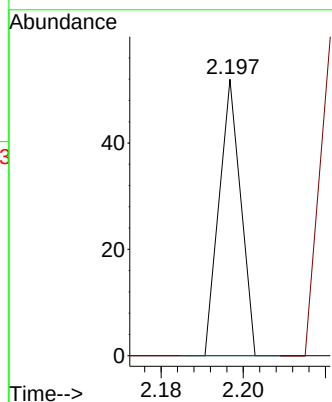
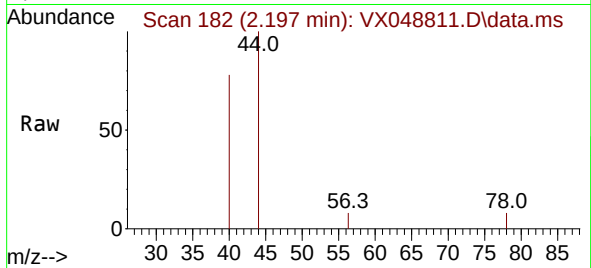




#13
Acrolein
Concen: 40.227 ug/l
RT: 2.197 min Scan# 11
Delta R.T. -0.037 min
Lab File: VX048811.D
Acq: 10 Dec 2025 15:11

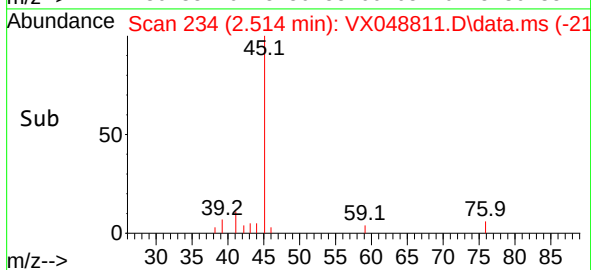
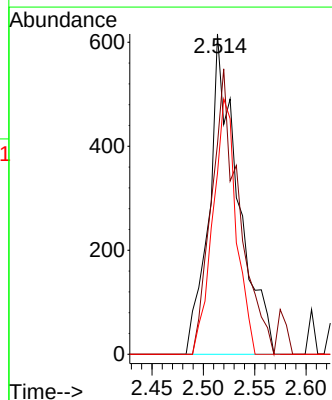
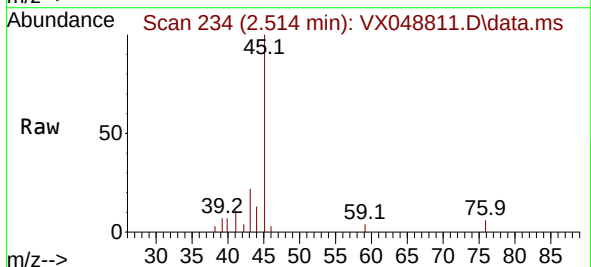
Instrument :
MSVOA_X
ClientSampleId :
OW-08B-72.5-120425-FDRE

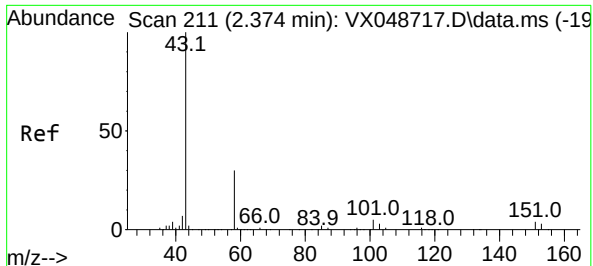
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.6#



#14
Allyl chloride
Concen: 0.399 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.152 min
Lab File: VX048811.D
Acq: 10 Dec 2025 15:11

Tgt Ion: 41 Resp: 1204
Ion Ratio Lower Upper
41 100
39 85.2 49.8 74.6#
76 64.9 27.3 40.9#

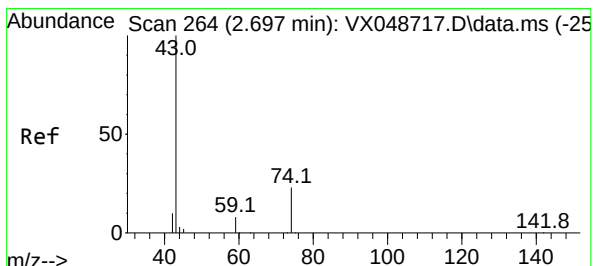
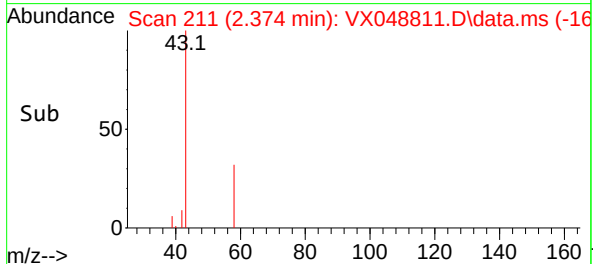
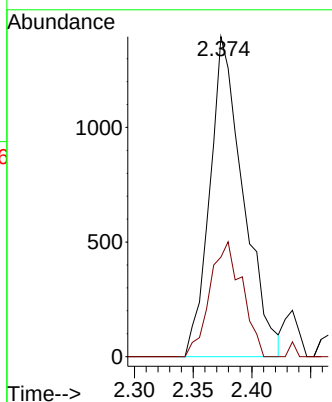
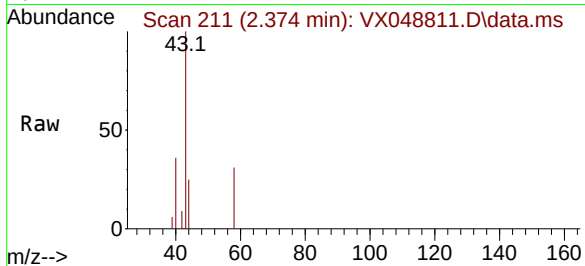




#16
Acetone
Concen: 3.488 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048811.D
Acq: 10 Dec 2025 15:11

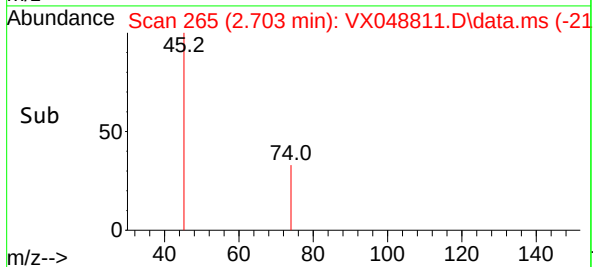
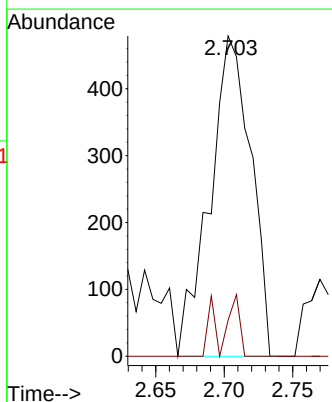
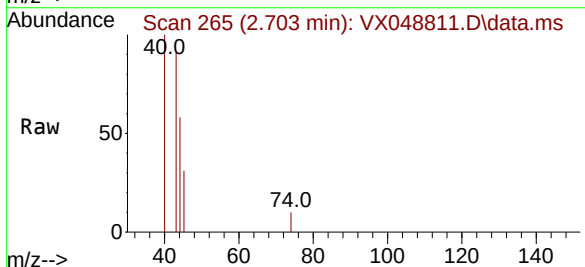
Instrument :
MSVOA_X
ClientSampleId :
OW-08B-72.5-120425-FDRE

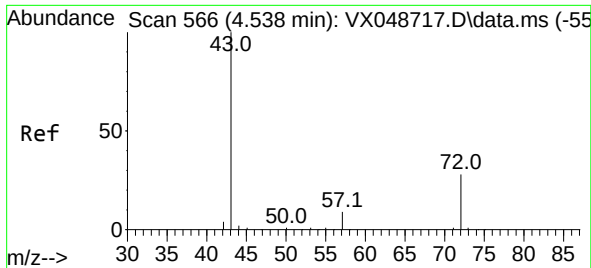
Tgt Ion: 43 Resp: 2774
Ion Ratio Lower Upper
43 100
58 31.1 25.0 37.4



#18
Methyl Acetate
Concen: 0.447 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048811.D
Acq: 10 Dec 2025 15:11

Tgt Ion: 43 Resp: 1000
Ion Ratio Lower Upper
43 100
74 5.3 19.2 28.8#

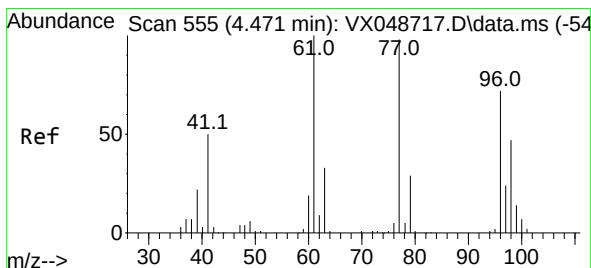
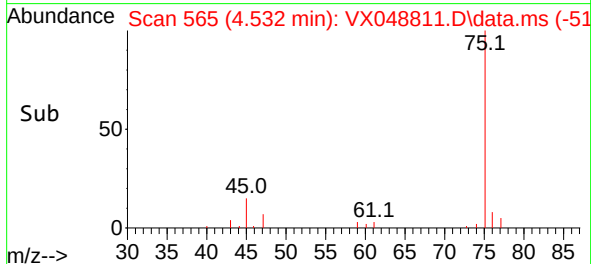
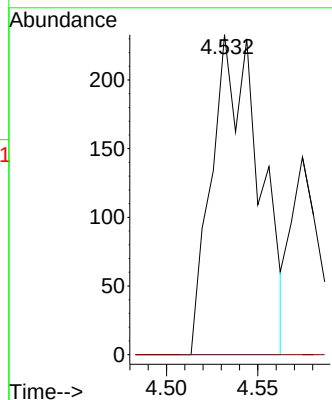
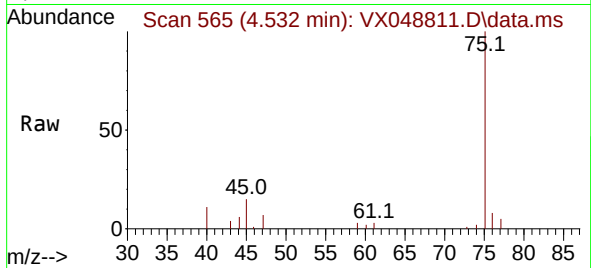




#25
2-Butanone
Concen: 0.360 ug/l
RT: 4.532 min Scan# 565
Delta R.T. -0.006 min
Lab File: VX048811.D
Acq: 10 Dec 2025 15:11

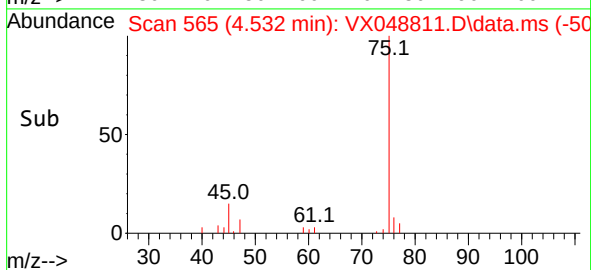
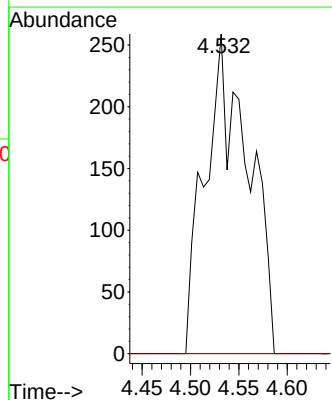
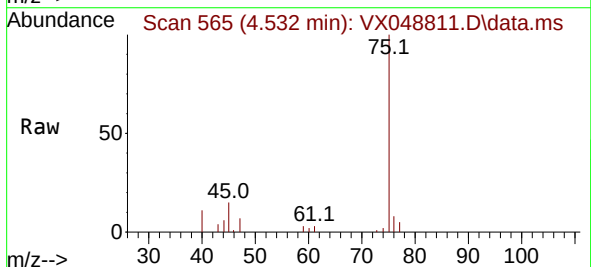
Instrument : MSVOA_X
ClientSampleId : OW-08B-72.5-120425-FDRE

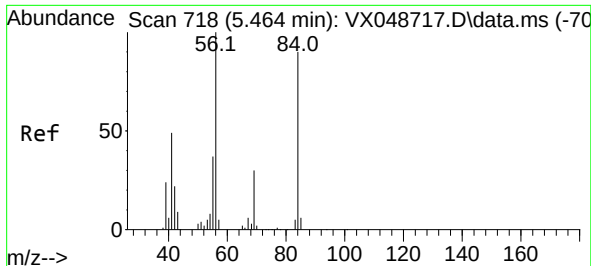
Tgt Ion: 43 Resp: 423
Ion Ratio Lower Upper
43 100
72 0.0 22.6 34.0#



#26
2,2-Dichloropropane
Concen: 0.290 ug/l
RT: 4.532 min Scan# 565
Delta R.T. 0.061 min
Lab File: VX048811.D
Acq: 10 Dec 2025 15:11

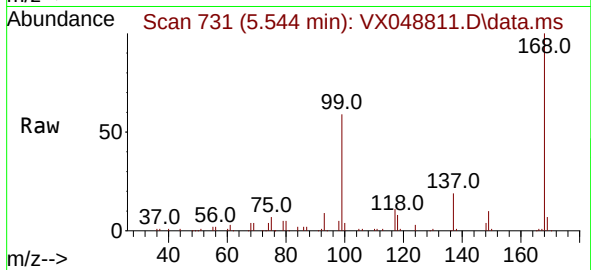
Tgt Ion: 77 Resp: 806
Ion Ratio Lower Upper
77 100
97 0.0 11.6 34.8#



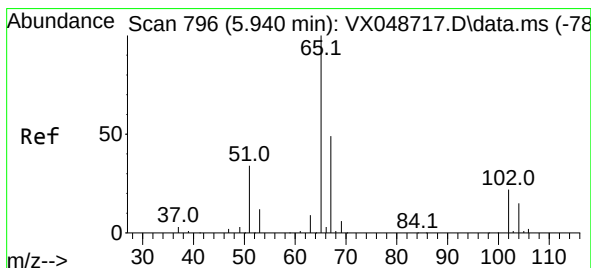
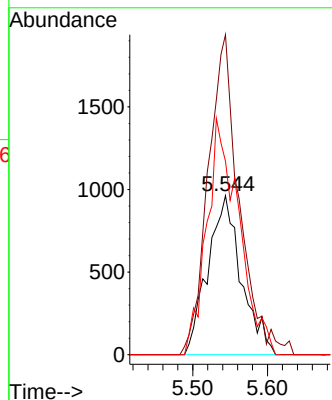
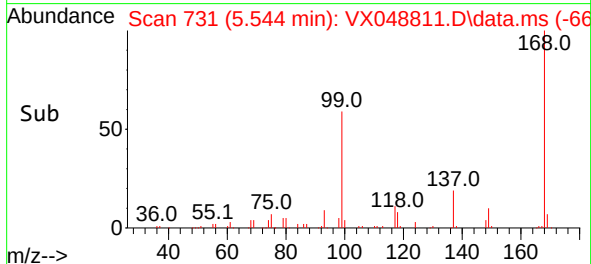


#31
Cyclohexane
Concen: 1.071 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX048811.D
Acq: 10 Dec 2025 15:11

Instrument :
MSVOA_X
ClientSampleId :
OW-08B-72.5-120425-FDRE

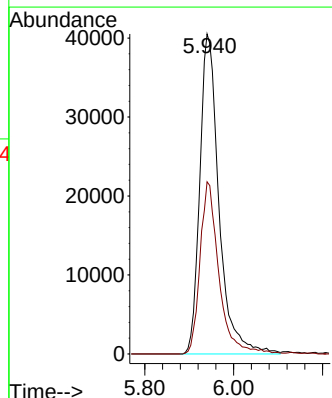
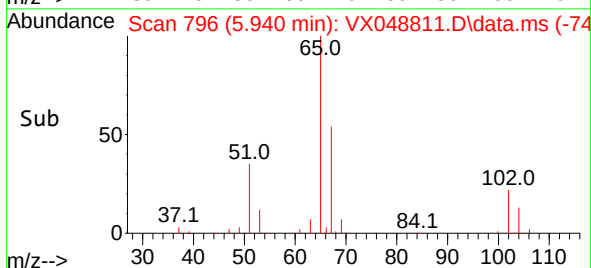
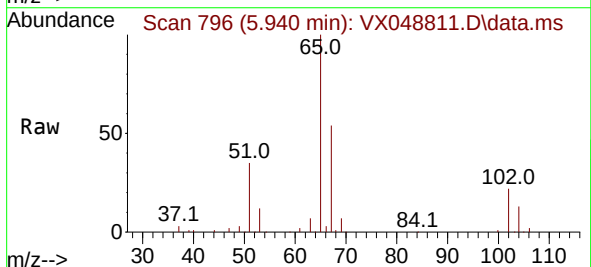


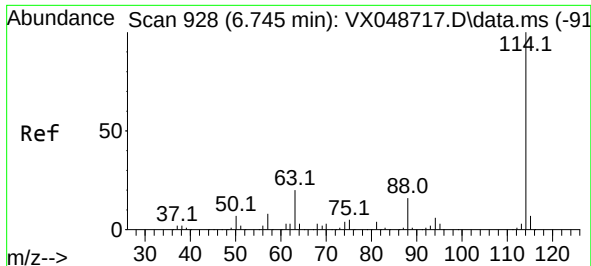
Tgt Ion: 56 Resp: 3007
Ion Ratio Lower Upper
56 100
69 201.1 24.2 36.2#
84 121.6 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 58.566 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048811.D
Acq: 10 Dec 2025 15:11

Tgt Ion: 65 Resp: 121686
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.4

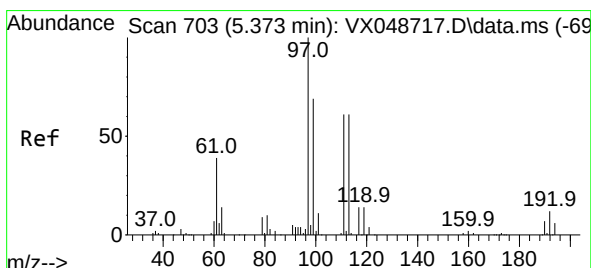
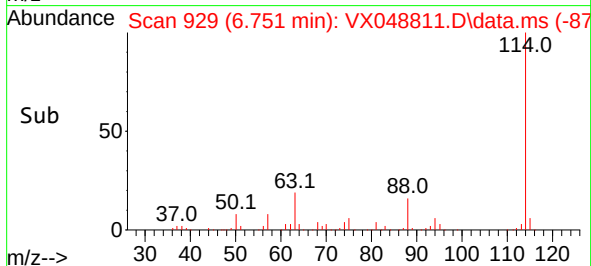
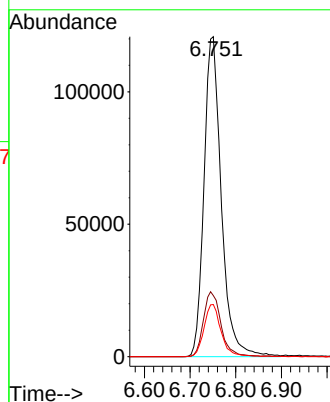
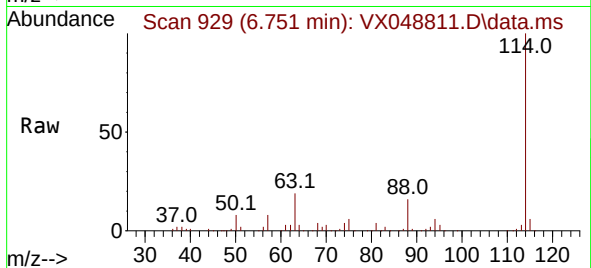




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX048811.D
Acq: 10 Dec 2025 15:11

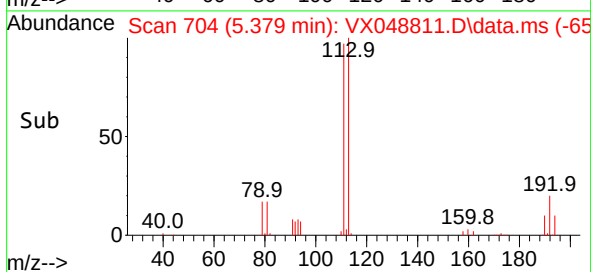
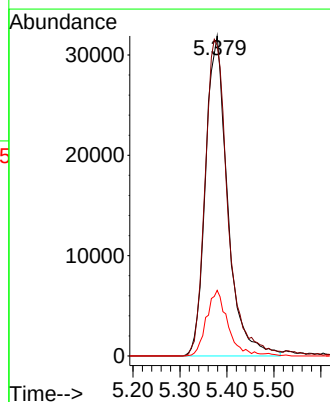
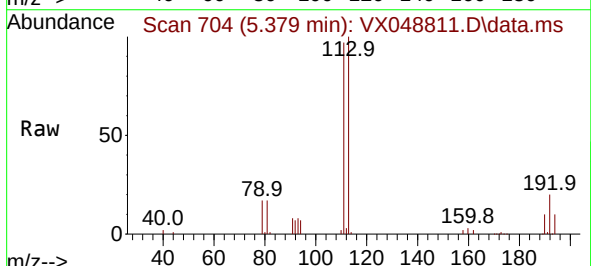
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OW-08B-72.5-120425-FDRE

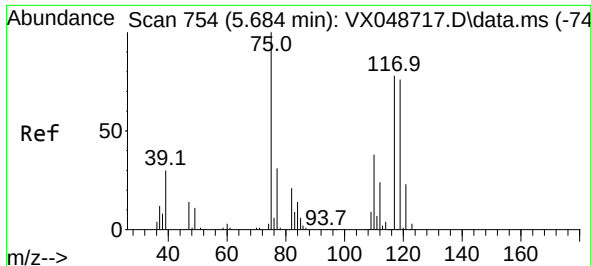
Tgt Ion:114 Resp: 318388
Ion Ratio Lower Upper
114 100
63 19.1 0.0 39.0
88 16.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.447 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048811.D
Acq: 10 Dec 2025 15:11

Tgt Ion:113 Resp: 104014
Ion Ratio Lower Upper
113 100
111 101.8 79.5 119.3
192 19.8 16.1 24.1





#36

1,1-Dichloropropene

Concen: 4.011 ug/l

RT: 5.538 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX048811.D

Acq: 10 Dec 2025 15:11

Instrument :

MSVOA_X

ClientSampleId :

OW-08B-72.5-120425-FDRE

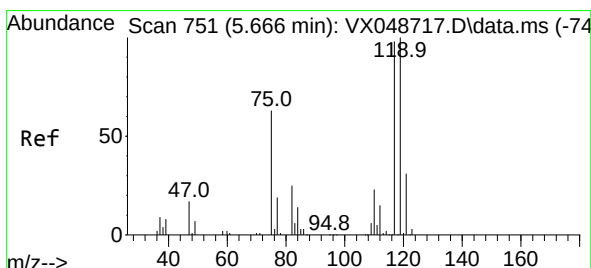
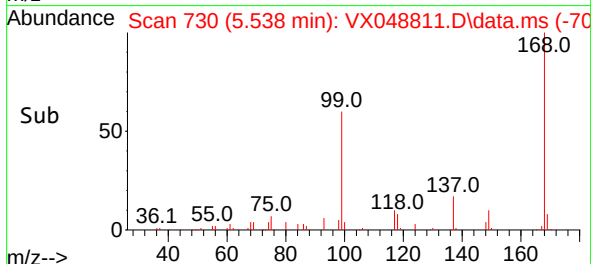
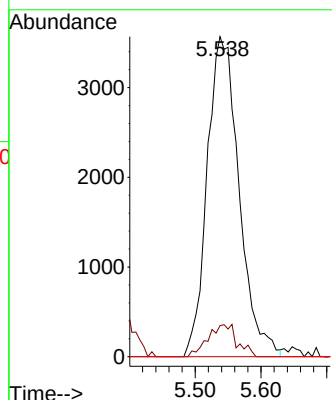
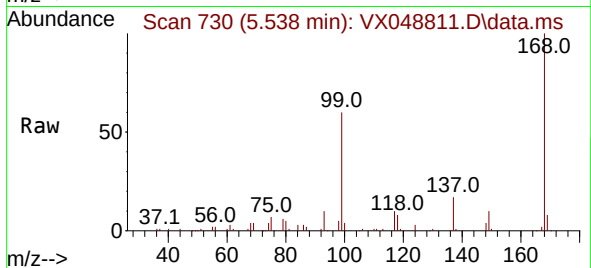
Tgt Ion: 75 Resp: 12042

Ion Ratio Lower Upper

75 100

110 9.2 18.6 55.8#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 4.447 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.122 min

Lab File: VX048811.D

Acq: 10 Dec 2025 15:11

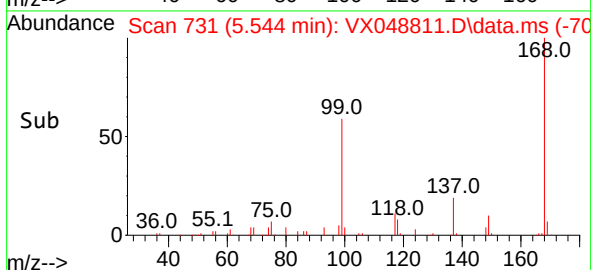
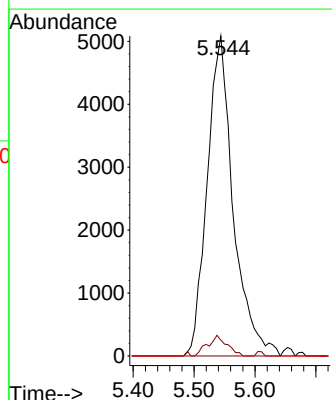
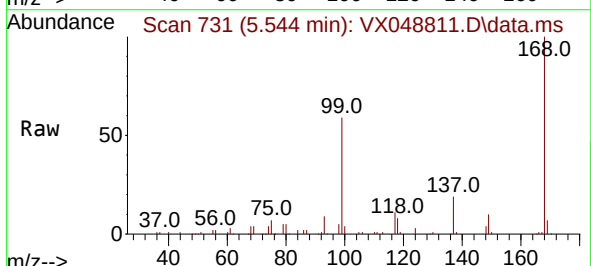
Tgt Ion: 117 Resp: 15123

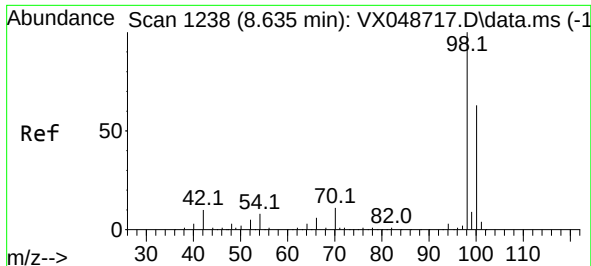
Ion Ratio Lower Upper

117 100

119 5.0 80.5 120.7#

121 0.0 25.4 38.0#

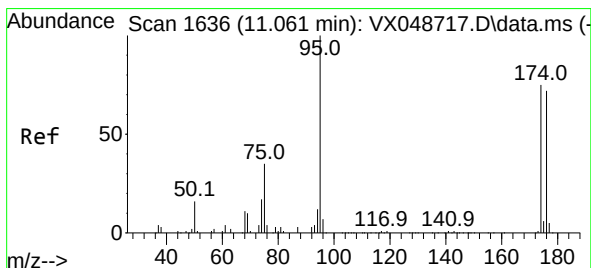
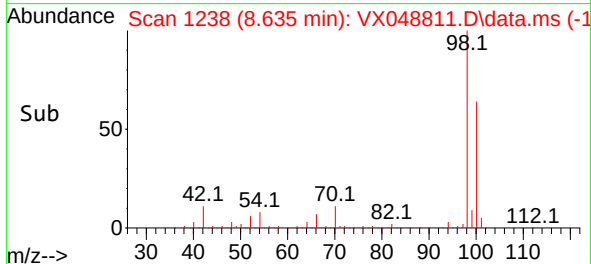
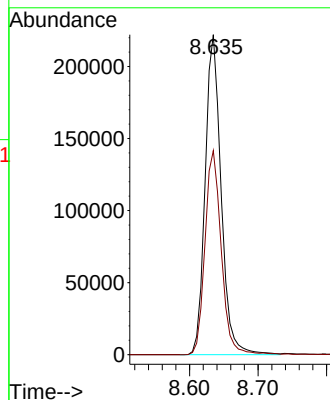
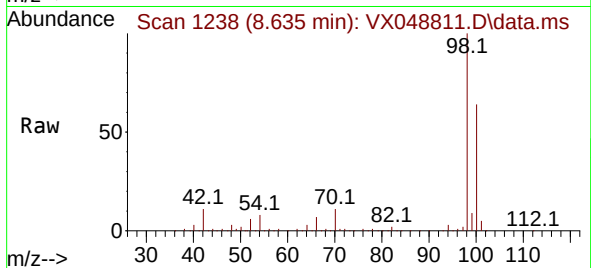




#50
Toluene-d8
Concen: 47.035 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048811.D
Acq: 10 Dec 2025 15:11

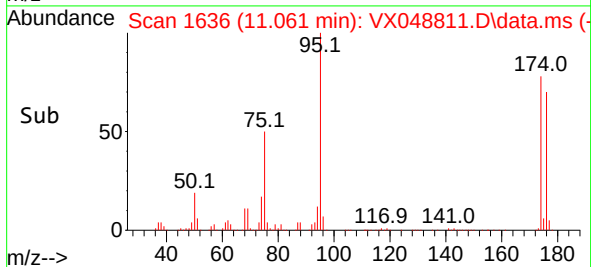
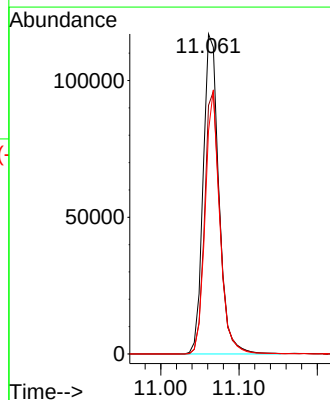
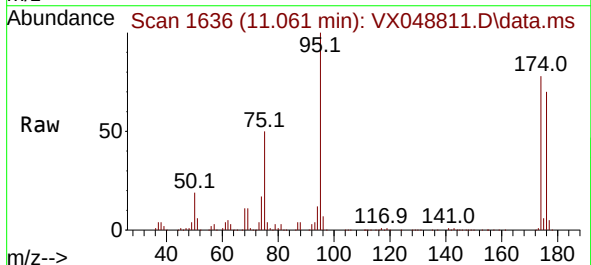
Instrument :
MSVOA_X
ClientSampleId :
OW-08B-72.5-120425-FDRE

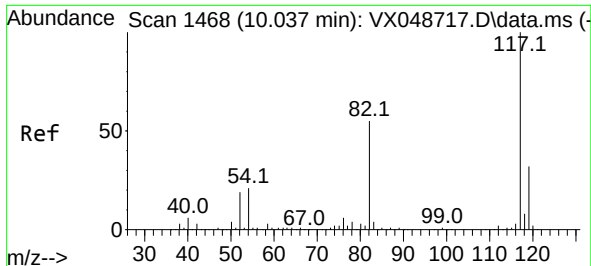
Tgt Ion: 98 Resp: 361441
Ion Ratio Lower Upper
98 100
100 65.0 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 61.416 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048811.D
Acq: 10 Dec 2025 15:11

Tgt Ion: 95 Resp: 162743
Ion Ratio Lower Upper
95 100
174 80.7 0.0 157.8
176 76.9 0.0 154.0

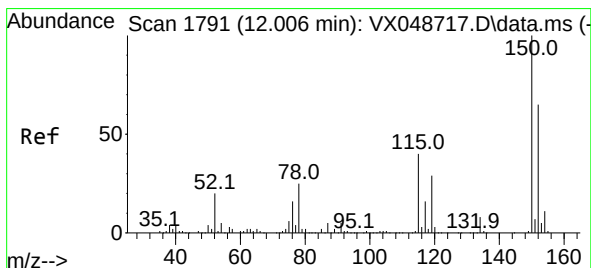
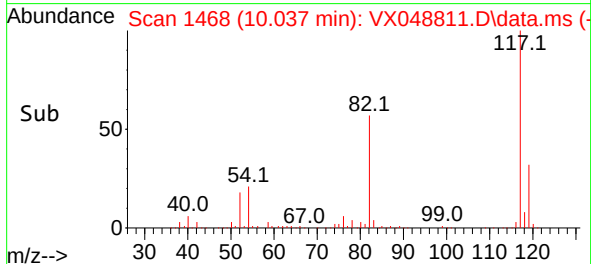
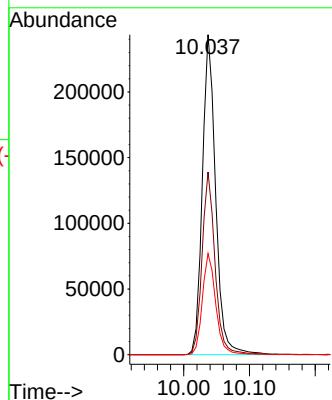
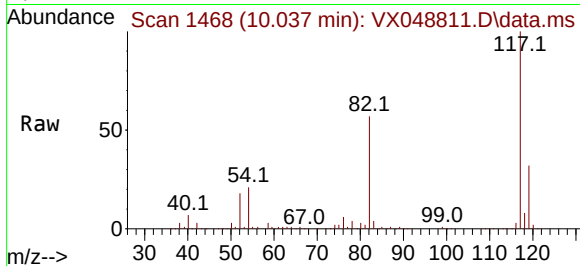




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048811.D
Acq: 10 Dec 2025 15:11

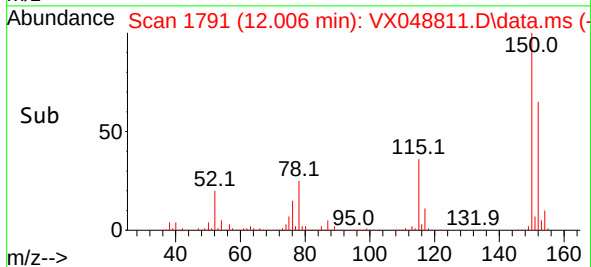
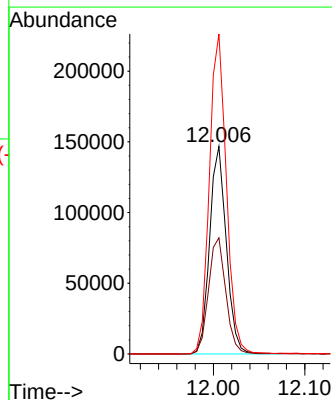
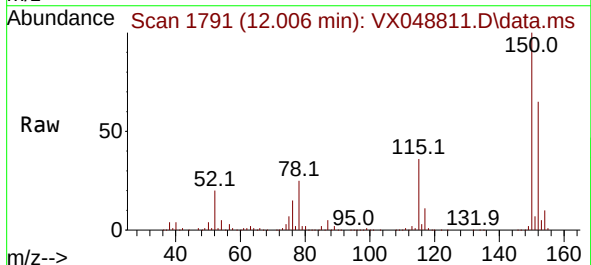
Instrument :
MSVOA_X
ClientSampleId :
OW-08B-72.5-120425-FDRE

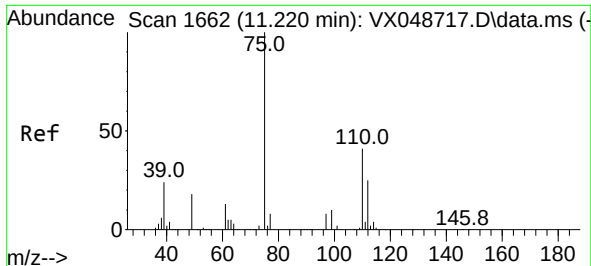
Tgt Ion:117 Resp: 343017
Ion Ratio Lower Upper
117 100
82 57.1 44.1 66.1
119 31.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048811.D
Acq: 10 Dec 2025 15:11

Tgt Ion:152 Resp: 186375
Ion Ratio Lower Upper
152 100
115 58.0 42.1 126.4
150 156.6 0.0 347.8

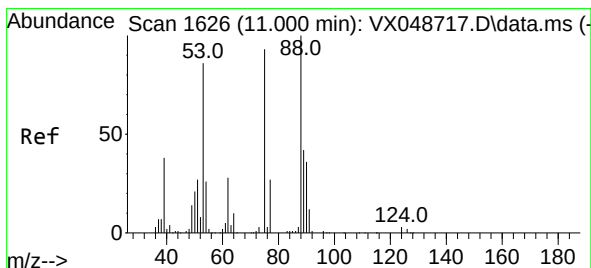
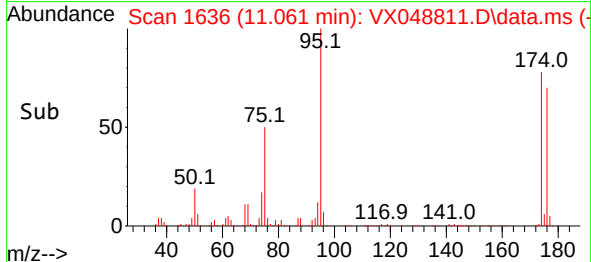
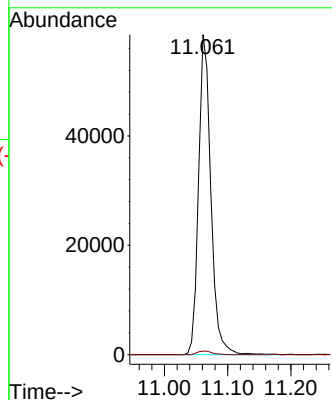
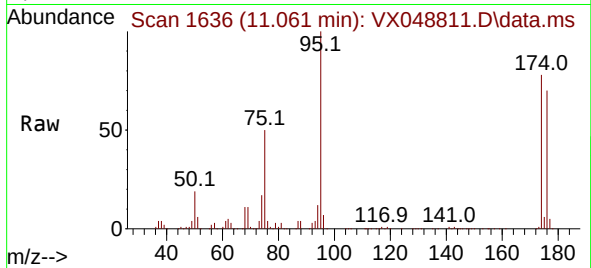




#76
1,2,3-Trichloropropane
Concen: 22.863 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.158 min
Lab File: VX048811.D
Acq: 10 Dec 2025 15:11

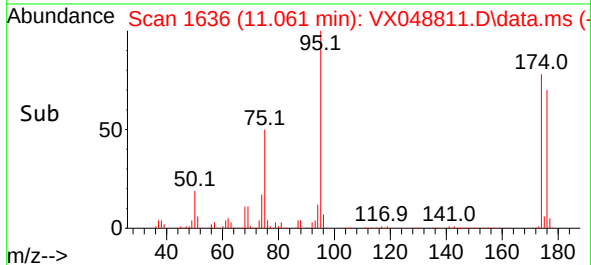
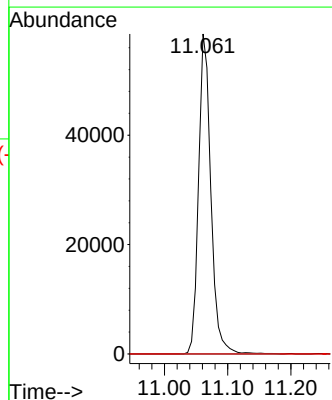
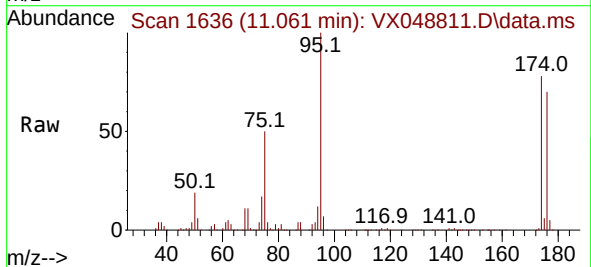
Instrument :
MSVOA_X
ClientSampleId :
OW-08B-72.5-120425-FDRE

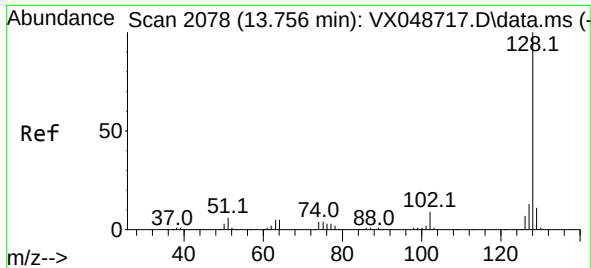
Tgt Ion: 75 Resp: 79365
Ion Ratio Lower Upper
75 100
77 1.4 24.3 73.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.309 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048811.D
Acq: 10 Dec 2025 15:11

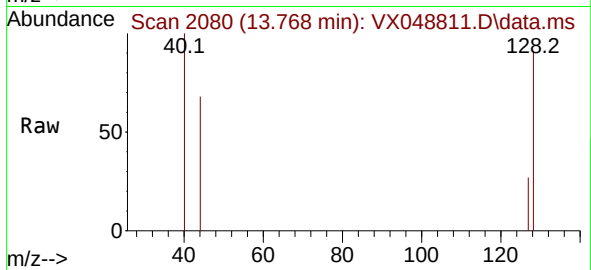
Tgt Ion: 75 Resp: 79365
Ion Ratio Lower Upper
75 100
53 0.0 79.9 119.9#
89 0.0 67.1 100.7#





#95
Naphthalene
Concen: Below Cal
RT: 13.768 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX048811.D
Acq: 10 Dec 2025 15:11

Instrument :
MSVOA_X
ClientSampleId :
OW-08B-72.5-120425-FDRE



Tgt Ion:128 Resp: 622
Ion Ratio Lower Upper
128 100
127 10.9 10.2 15.2
129 0.0 8.6 13.0#

