

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
 Data File : VX048774.D
 Acq On : 09 Dec 2025 11:45
 Operator : JC/MD
 Sample : Q3788-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OWBR-05-135-120525

Quant Time: Dec 10 00:16:56 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	135193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	279762	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	295744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	153431	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	94731	52.207	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.420%
35) Dibromofluoromethane	5.373	113	84981	44.117	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.240%
50) Toluene-d8	8.635	98	304625	45.115	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.240%#
62) 4-Bromofluorobenzene	11.061	95	131405	56.437	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.880%

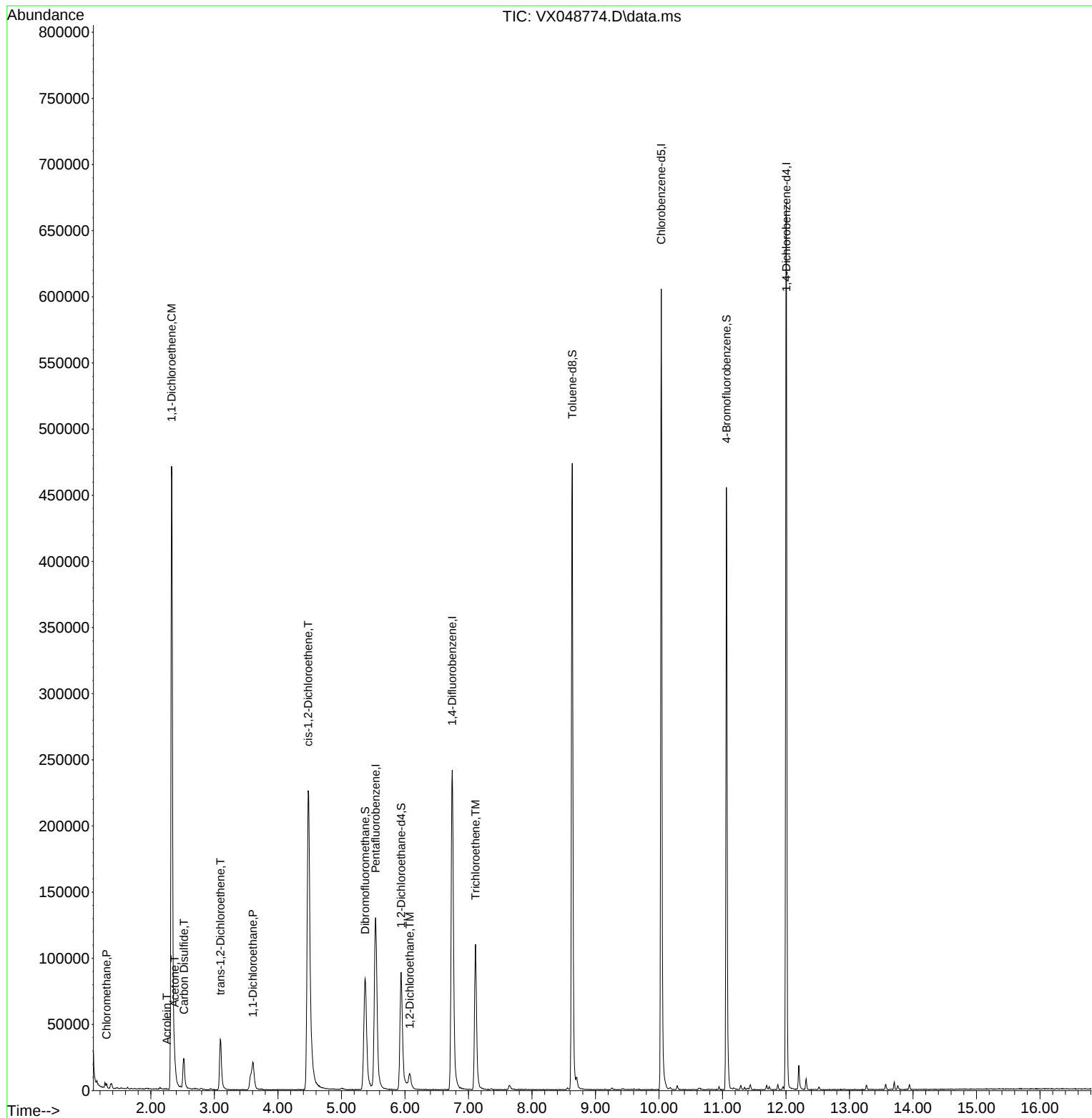
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.301	50	2432	1.399	ug/l	99
12) 1,1-Dichloroethene	2.325	96	187750	119.596	ug/l	99
13) Acrolein	2.252	56	302	41.073	ug/l	98
16) Acetone	2.374	43	8653	12.457	ug/l	98
17) Carbon Disulfide	2.520	76	19382	4.251	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	18284	11.411	ug/l	98
24) 1,1-Dichloroethane	3.605	63	25666	9.344	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	167466	92.623	ug/l	94
42) 1,2-Dichloroethane	6.074	62	14210	5.133	ug/l	99
44) Trichloroethene	7.111	130	45972	22.527	ug/l	98

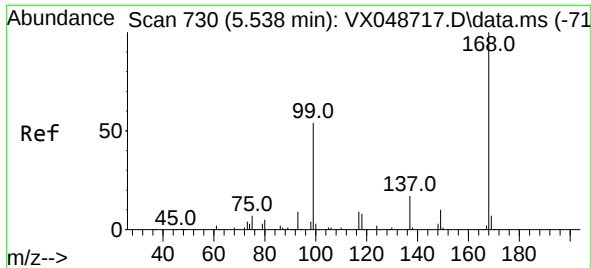
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
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OWBR-05-135-120525

Quant Time: Dec 10 00:16:56 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

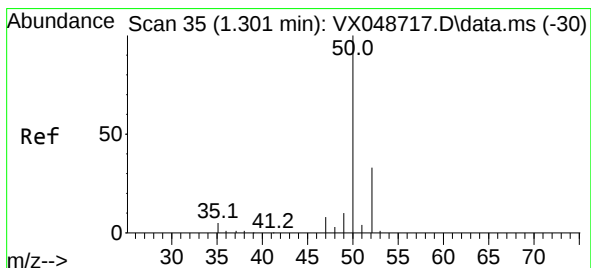
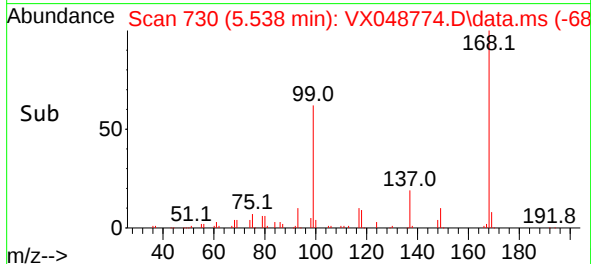
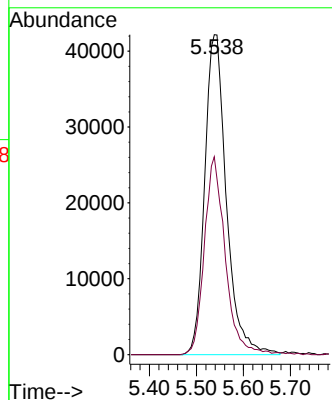
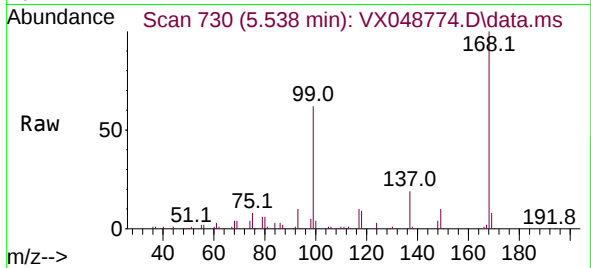




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

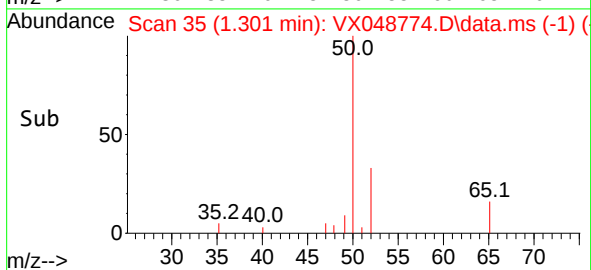
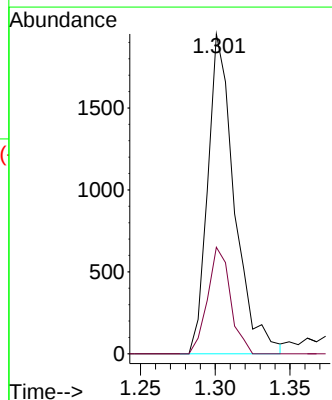
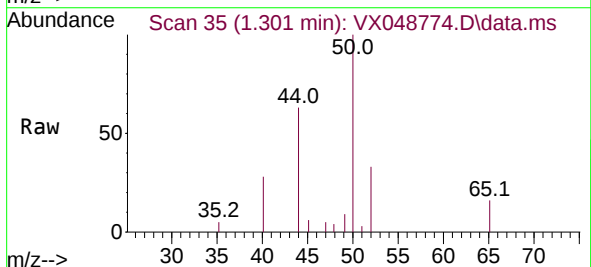
Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-120525

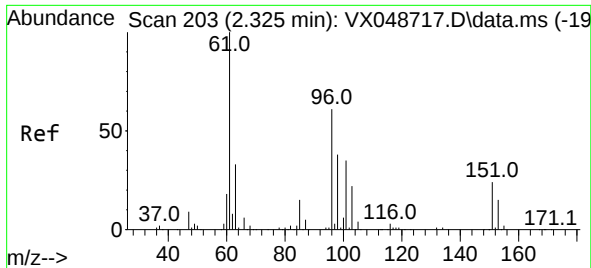
Tgt Ion:168 Resp: 135193
Ion Ratio Lower Upper
168 100
99 61.8 44.2 66.4



#3
Chloromethane
Concen: 1.399 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Tgt Ion: 50 Resp: 2432
Ion Ratio Lower Upper
50 100
52 33.3 26.4 39.6





#12

1,1-Dichloroethene

Concen: 119.596 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX048774.D

Acq: 09 Dec 2025 11:45

Instrument :

MSVOA_X

ClientSampleId :

OWBR-05-135-120525

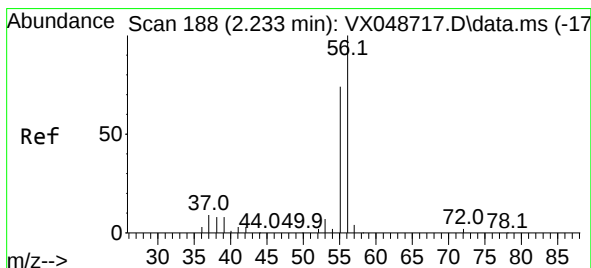
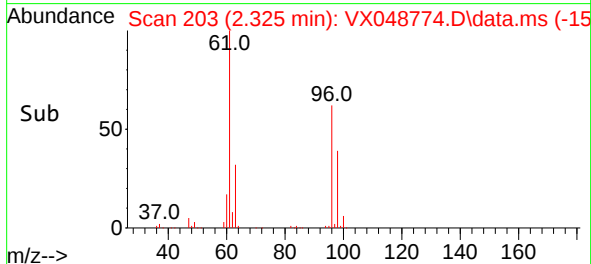
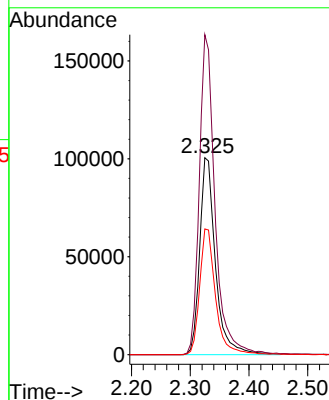
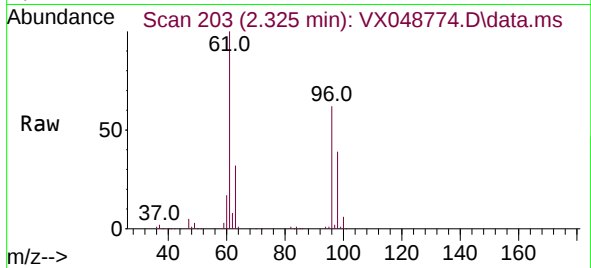
Tgt Ion: 96 Resp: 187750

Ion Ratio Lower Upper

96 100

61 162.5 130.7 196.1

98 63.8 49.8 74.8



#13

Acrolein

Concen: 41.073 ug/l

RT: 2.252 min Scan# 191

Delta R.T. 0.018 min

Lab File: VX048774.D

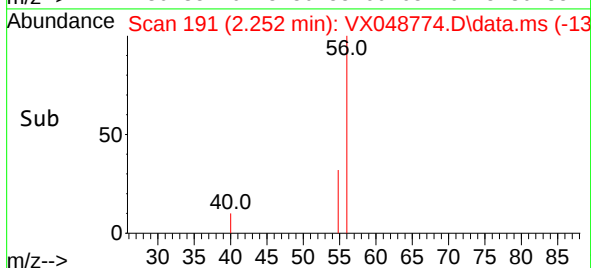
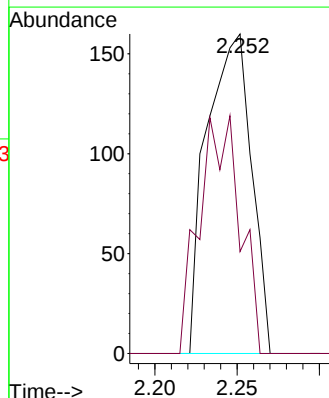
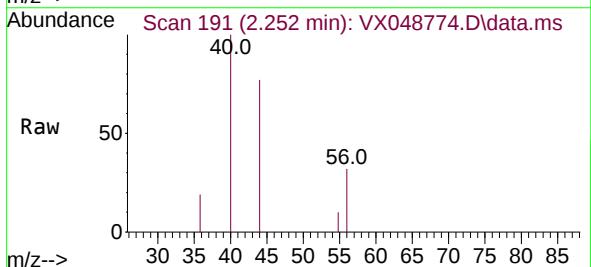
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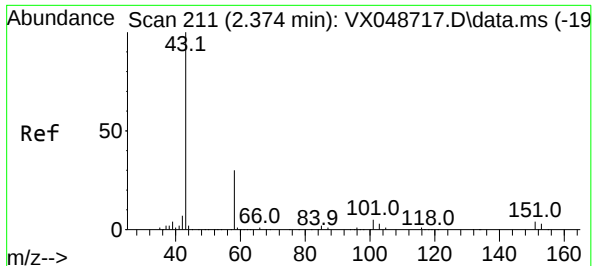
Tgt Ion: 56 Resp: 302

Ion Ratio Lower Upper

56 100

55 67.9 55.8 83.6

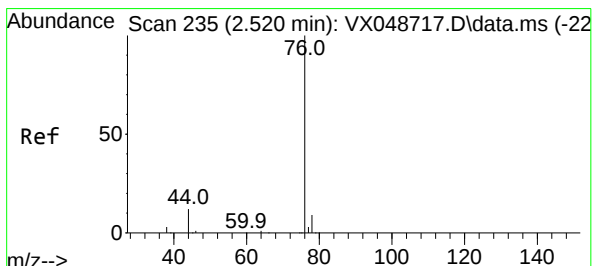
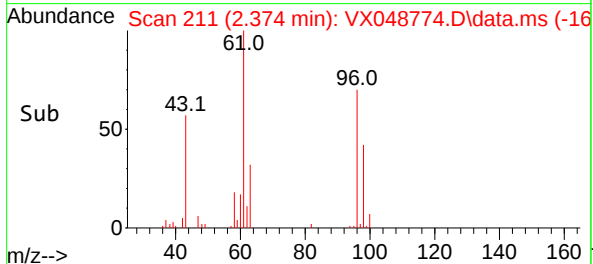
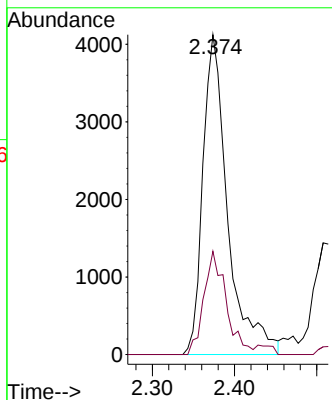
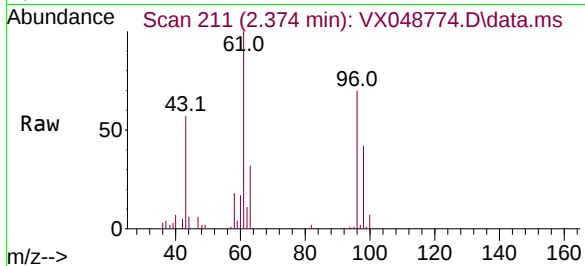




#16
Acetone
Concen: 12.457 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

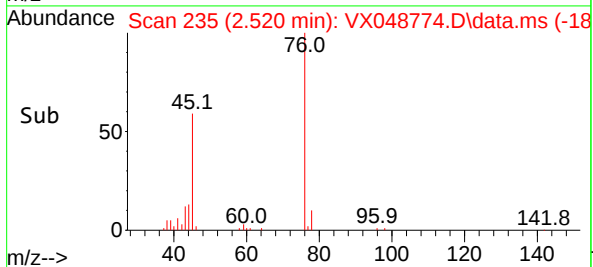
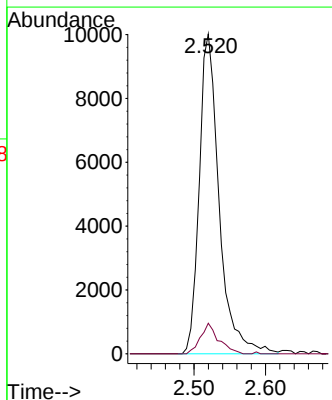
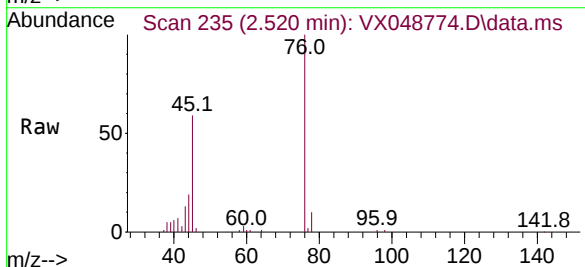
Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-120525

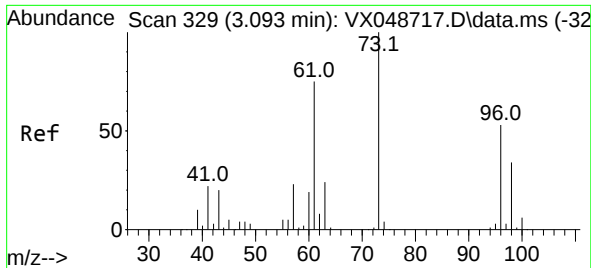
Tgt Ion: 43 Resp: 8653
Ion Ratio Lower Upper
43 100
58 32.3 25.0 37.4



#17
Carbon Disulfide
Concen: 4.251 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Tgt Ion: 76 Resp: 19382
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2

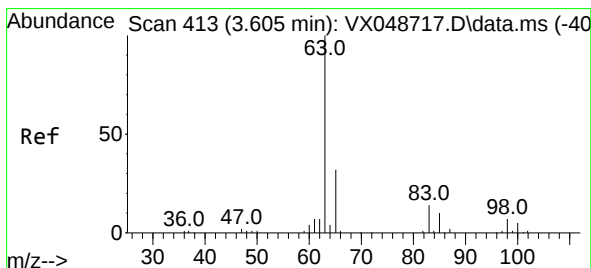
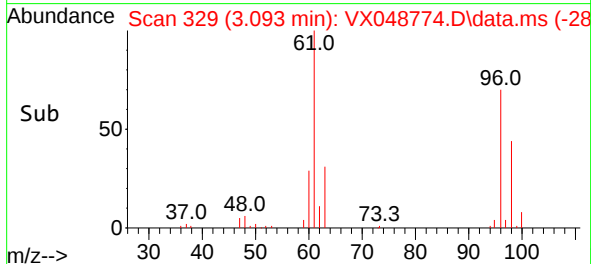
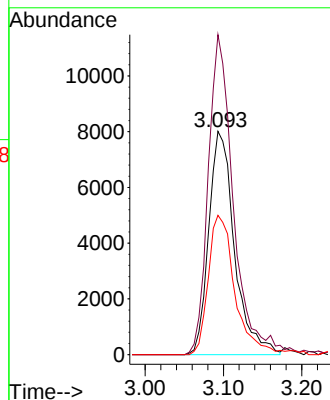
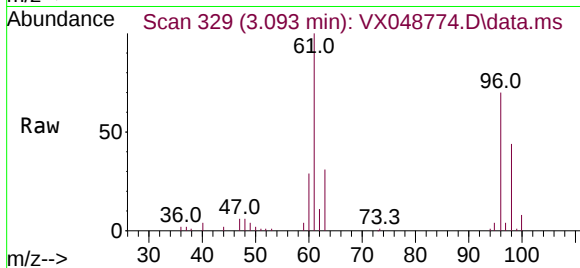




#21
trans-1,2-Dichloroethene
Concen: 11.411 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

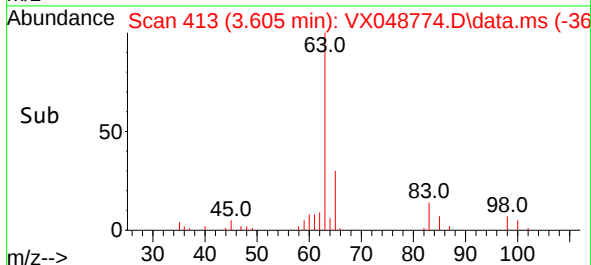
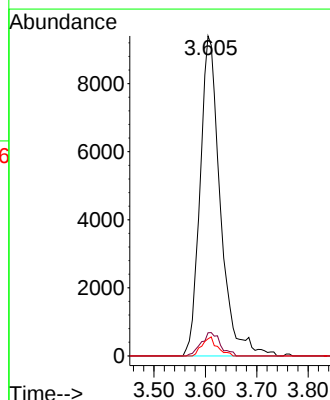
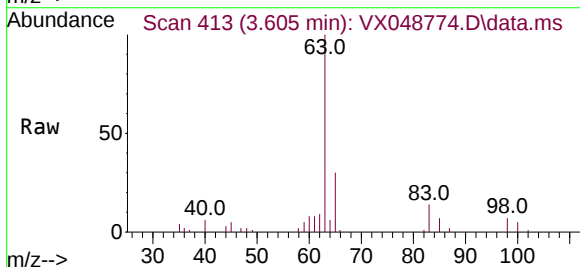
Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-120525

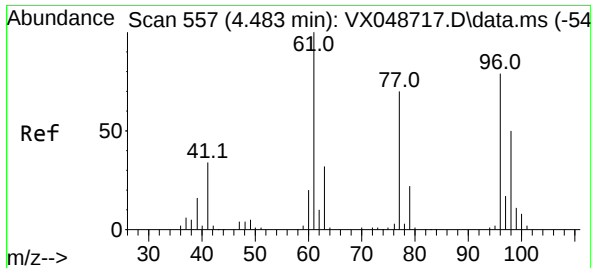
Tgt Ion: 96 Resp: 18284
Ion Ratio Lower Upper
96 100
61 143.3 112.8 169.2
98 62.4 51.0 76.4



#24
1,1-Dichloroethane
Concen: 9.344 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Tgt Ion: 63 Resp: 25666
Ion Ratio Lower Upper
63 100
98 7.2 3.5 10.6
100 5.3 2.5 7.4

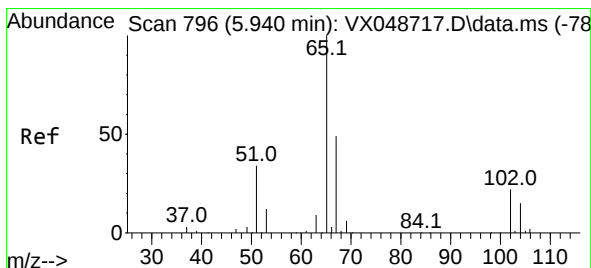
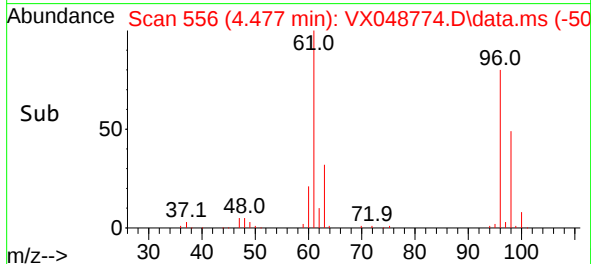
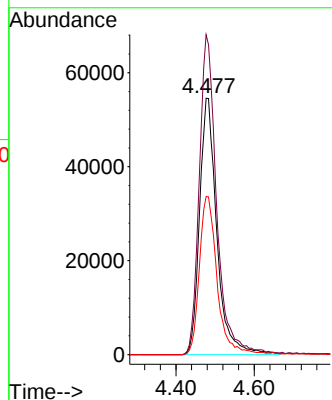
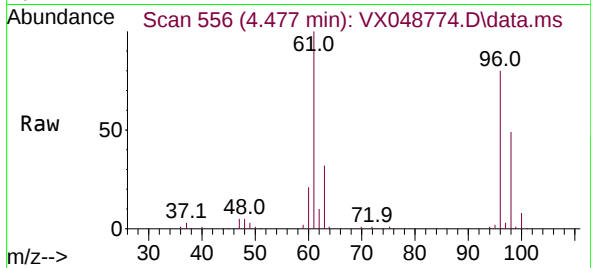




#27
 cis-1,2-Dichloroethene
 Concen: 92.623 ug/l
 RT: 4.477 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX048774.D
 Acq: 09 Dec 2025 11:45

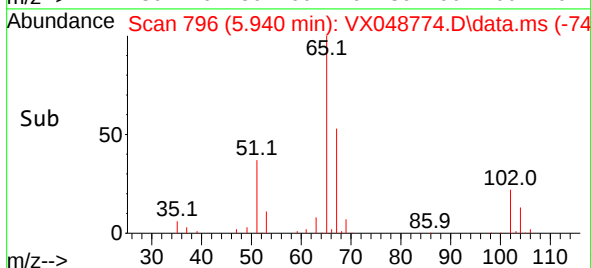
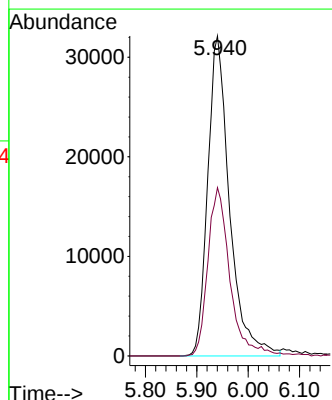
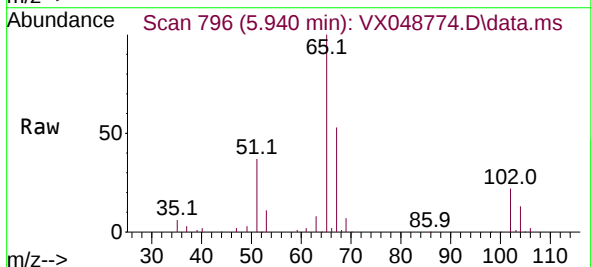
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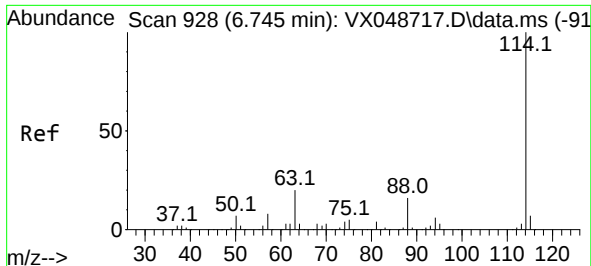
Tgt Ion: 96 Resp: 167466
 Ion Ratio Lower Upper
 96 100
 61 125.7 0.0 271.0
 98 63.1 0.0 130.2



#33
 1,2-Dichloroethane-d4
 Concen: 52.207 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VX048774.D
 Acq: 09 Dec 2025 11:45

Tgt Ion: 65 Resp: 94731
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.4

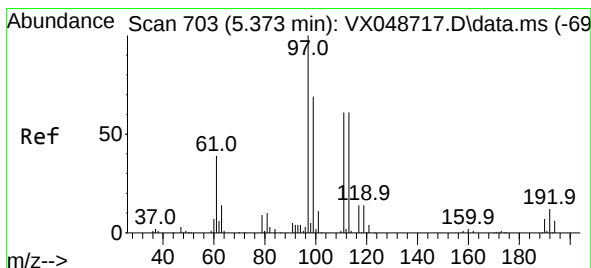
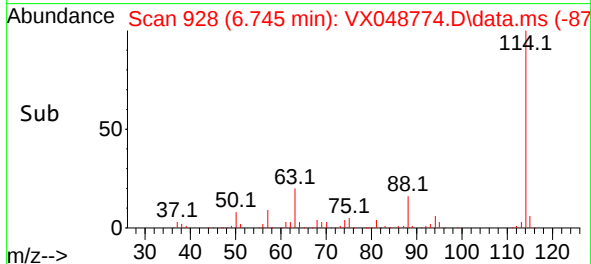
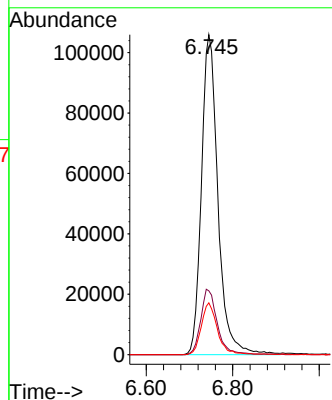
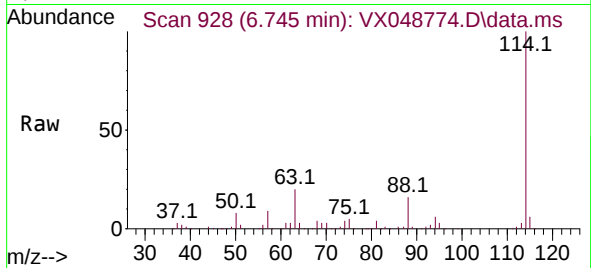




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

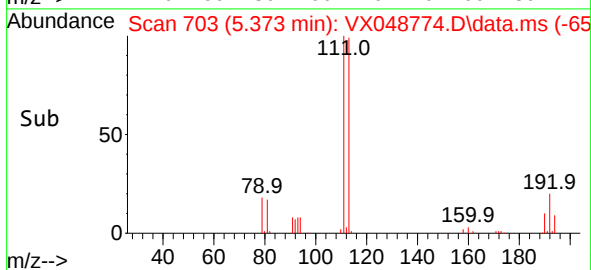
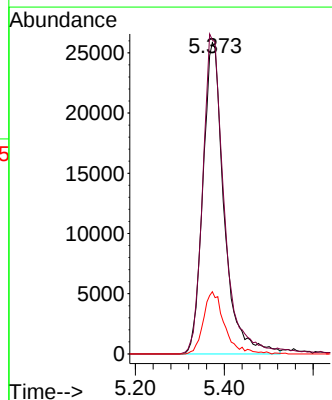
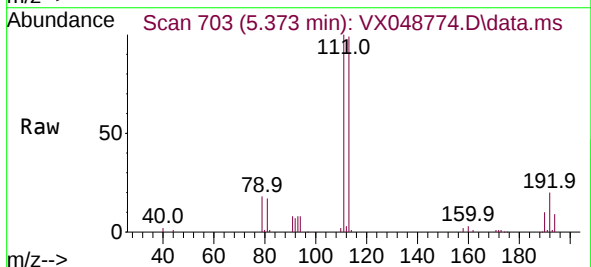
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OWBR-05-135-120525

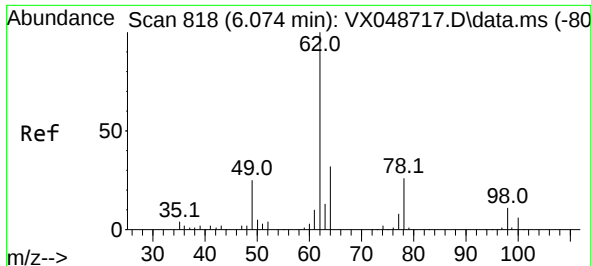
Tgt Ion:114 Resp: 279762
Ion Ratio Lower Upper
114 100
63 19.9 0.0 39.0
88 16.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 44.117 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Tgt Ion:113 Resp: 84981
Ion Ratio Lower Upper
113 100
111 103.2 79.5 119.3
192 20.0 16.1 24.1





#42

1,2-Dichloroethane

Concen: 5.133 ug/l

RT: 6.074 min Scan# 818

Delta R.T. 0.000 min

Lab File: VX048774.D

Acq: 09 Dec 2025 11:45

Instrument :

MSVOA_X

ClientSampleId :

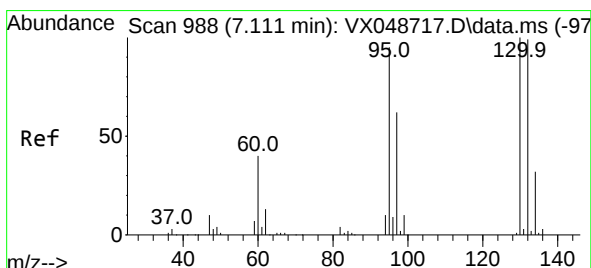
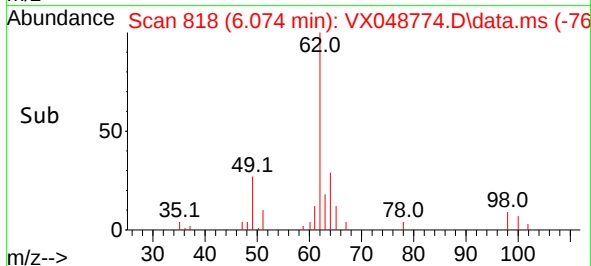
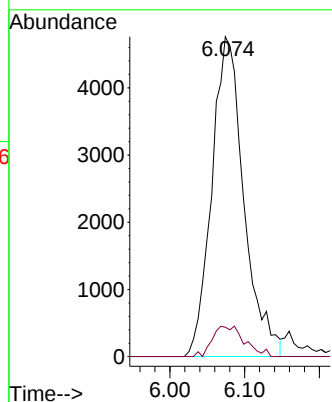
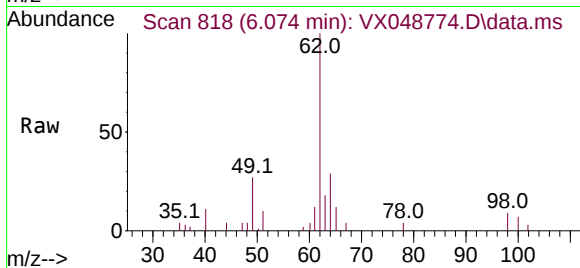
OWBR-05-135-120525

Tgt Ion: 62 Resp: 14210

Ion Ratio Lower Upper

62 100

98 9.5 0.0 20.2



#44

Trichloroethene

Concen: 22.527 ug/l

RT: 7.111 min Scan# 988

Delta R.T. 0.000 min

Lab File: VX048774.D

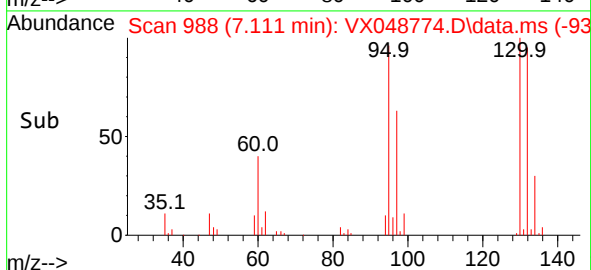
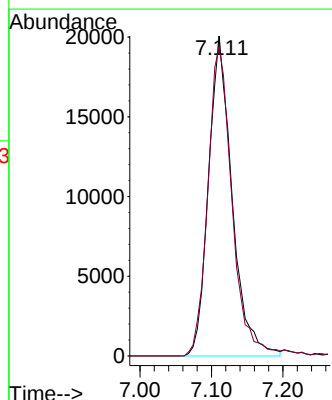
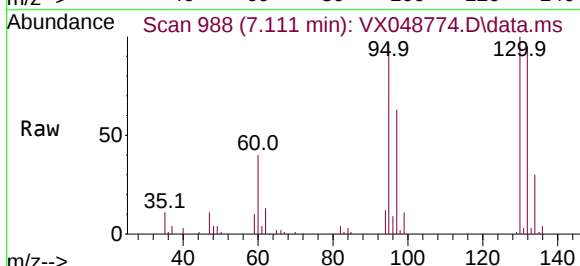
Acq: 09 Dec 2025 11:45

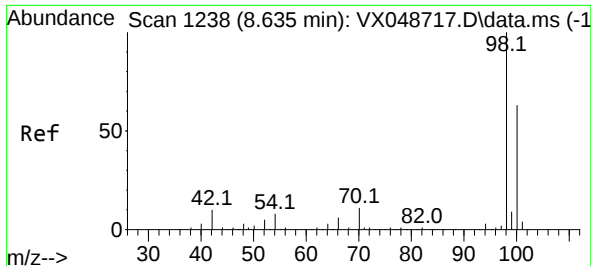
Tgt Ion: 130 Resp: 45972

Ion Ratio Lower Upper

130 100

95 96.5 0.0 189.6

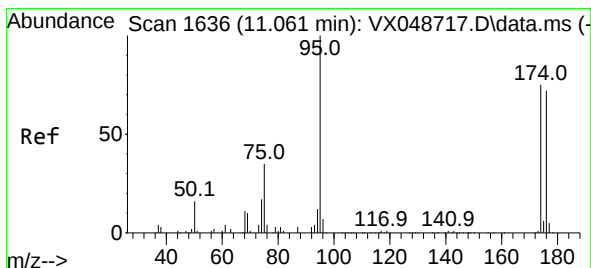
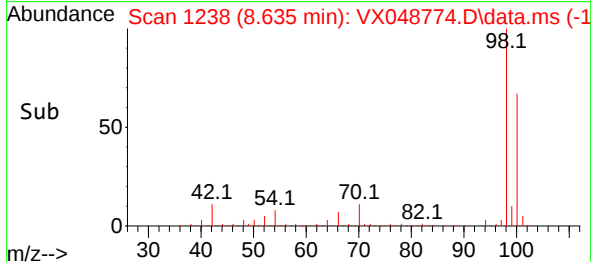
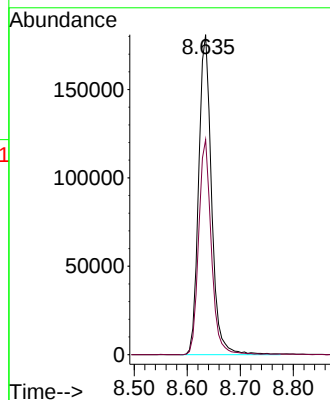
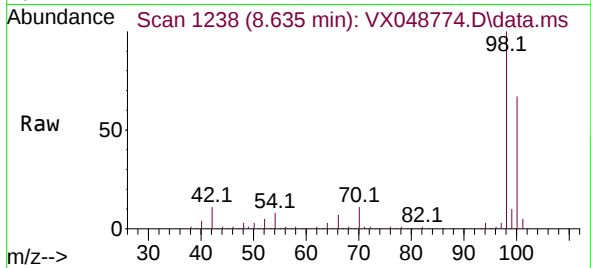




#50
Toluene-d8
Concen: 45.115 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

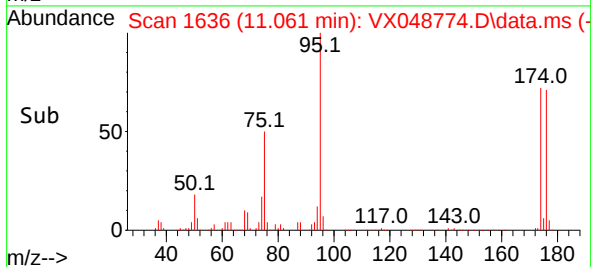
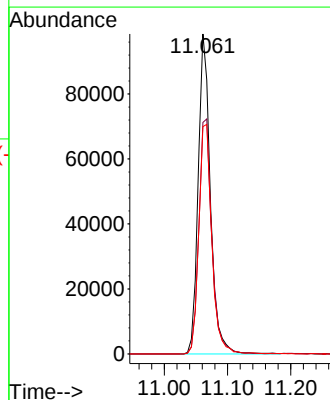
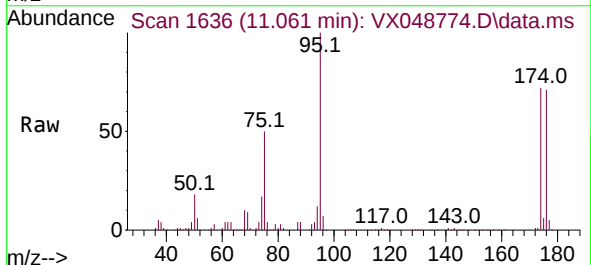
Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-120525

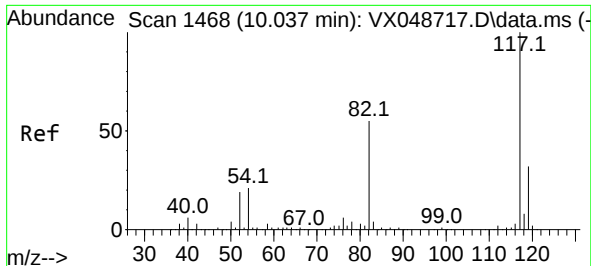
Tgt Ion: 98 Resp: 304625
Ion Ratio Lower Upper
98 100
100 66.1 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 56.437 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Tgt Ion: 95 Resp: 131405
Ion Ratio Lower Upper
95 100
174 78.1 0.0 157.8
176 76.7 0.0 154.0

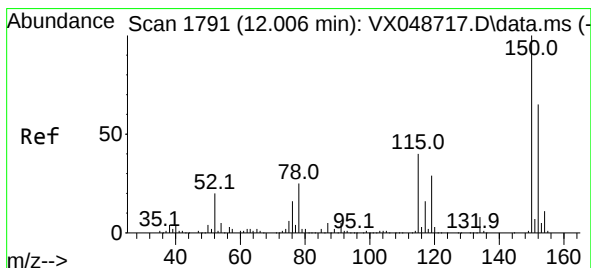
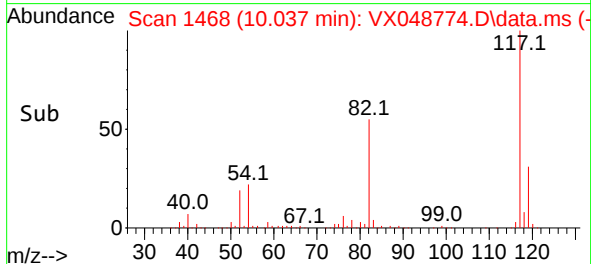
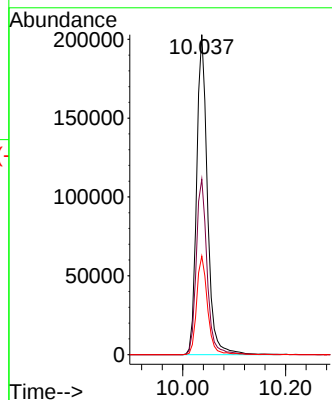
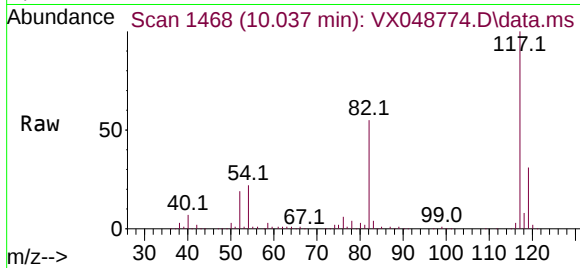




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-120525

Tgt Ion:117 Resp: 295744
Ion Ratio Lower Upper
117 100
82 54.8 44.1 66.1
119 30.8 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: VX048774.D
Acq: 09 Dec 2025 11:45

Tgt Ion:152 Resp: 153431
Ion Ratio Lower Upper
152 100
115 58.8 42.1 126.4
150 155.7 0.0 347.8

