

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120525\
 Data File : VX048734.D
 Acq On : 05 Dec 2025 14:33
 Operator : JC/MD
 Sample : Q3757-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RMW-05B-90.5-120325

Quant Time: Dec 05 22:05:03 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)

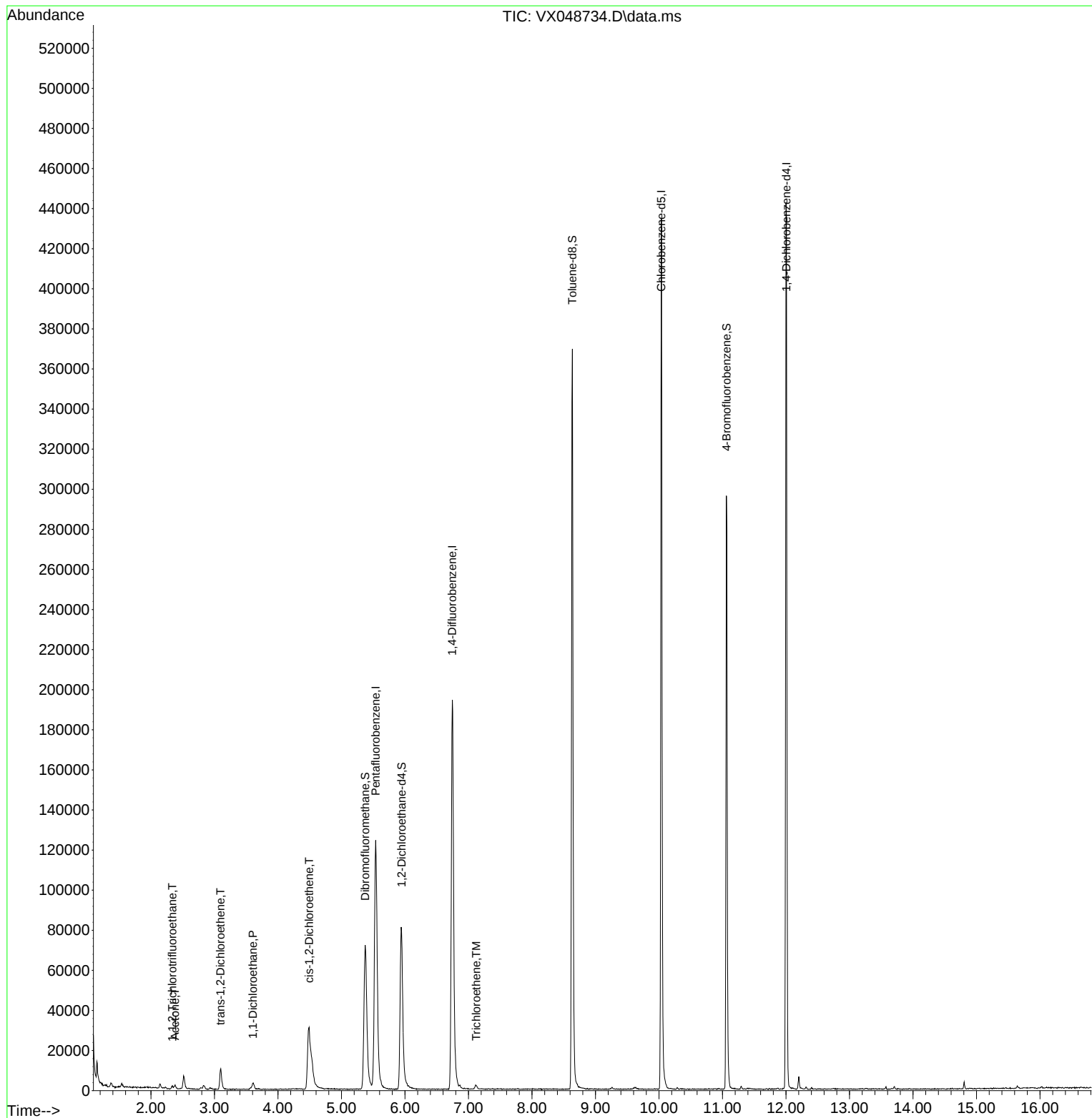
Internal Standards						
1) Pentafluorobenzene	5.538	168	132392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	222932	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	207009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	102583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	91135	51.288	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.580%	
35) Dibromofluoromethane	5.373	113	72316	47.112	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.220%	
50) Toluene-d8	8.635	98	236336	43.924	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 87.840%#	
62) 4-Bromofluorobenzene	11.061	95	84945	45.783	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.560%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	558	0.370	ug/l #	83
16) Acetone	2.380	43	3009	4.423	ug/l #	87
21) trans-1,2-Dichloroethene	3.093	96	5495	3.502	ug/l #	79
24) 1,1-Dichloroethane	3.605	63	3969	1.475	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	23281	13.149	ug/l	90
44) Trichloroethene	7.123	130	1059	0.651	ug/l	91

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

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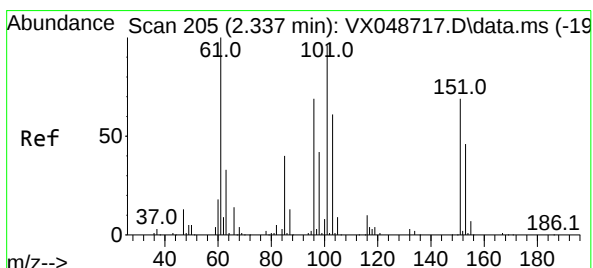
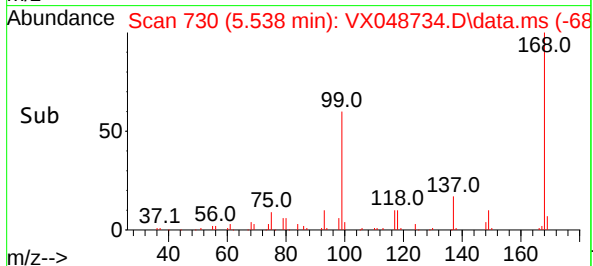
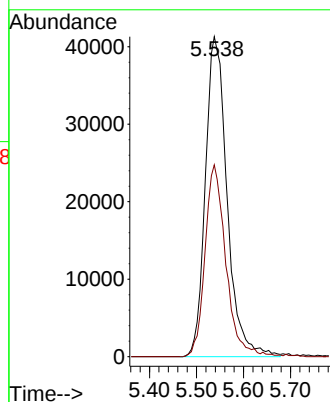
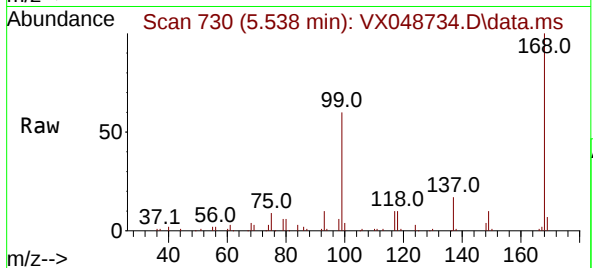




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048734.D
Acq: 05 Dec 2025 14:33

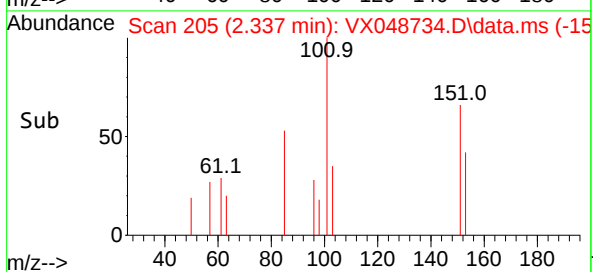
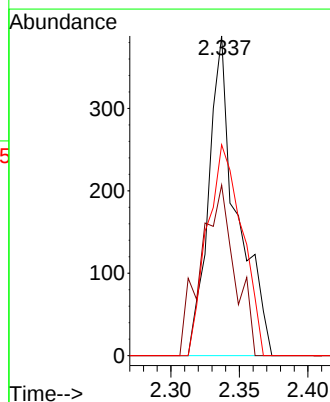
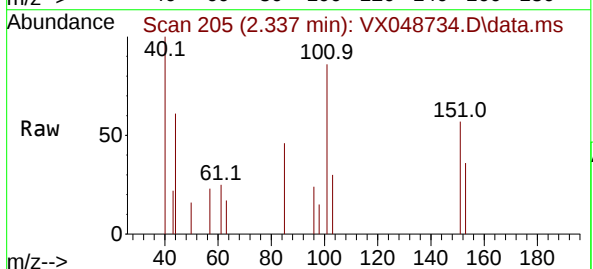
Instrument :
MSVOA_X
ClientSampleId :
RMW-05B-90.5-120325

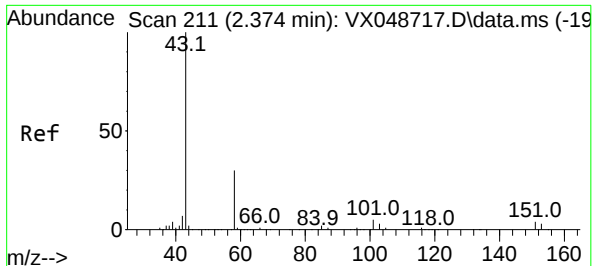
Tgt Ion:168 Resp: 132392
Ion Ratio Lower Upper
168 100
99 59.9 44.2 66.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.370 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX048734.D
Acq: 05 Dec 2025 14:33

Tgt Ion:101 Resp: 558
Ion Ratio Lower Upper
101 100
85 64.0 34.2 51.2#
151 81.5 60.2 90.4

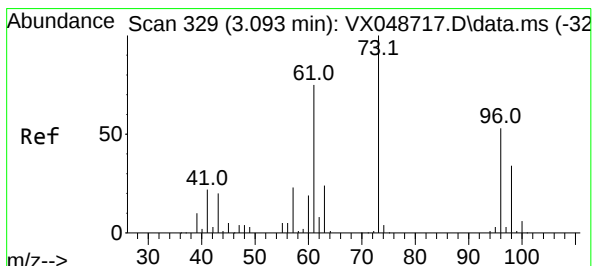
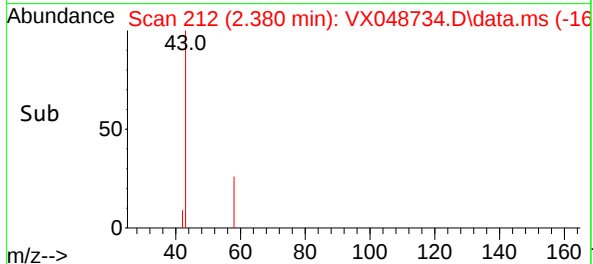
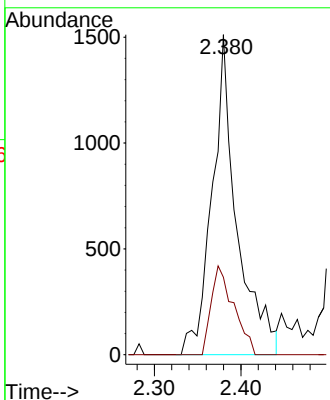
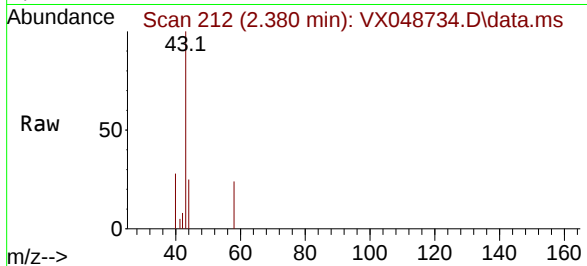




#16
Acetone
Concen: 4.423 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048734.D
Acq: 05 Dec 2025 14:33

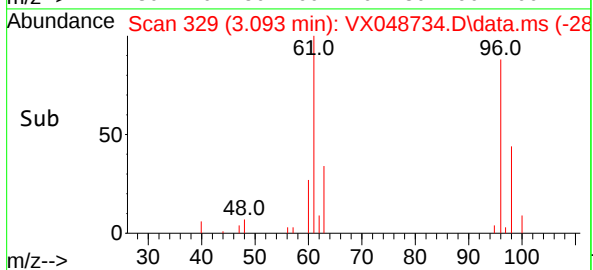
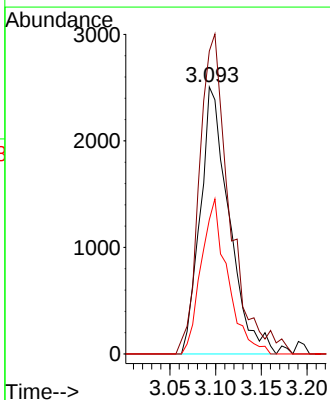
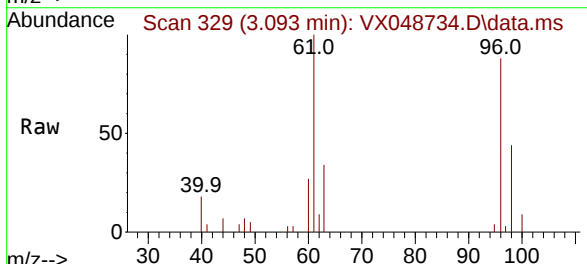
Instrument :
MSVOA_X
ClientSampleId :
RMW-05B-90.5-120325

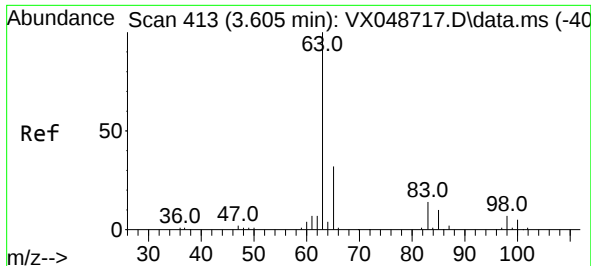
Tgt Ion: 43 Resp: 3009
Ion Ratio Lower Upper
43 100
58 24.2 25.0 37.4#



#21
trans-1,2-Dichloroethene
Concen: 3.502 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX048734.D
Acq: 05 Dec 2025 14:33

Tgt Ion: 96 Resp: 5495
Ion Ratio Lower Upper
96 100
61 113.4 112.8 169.2
98 50.3 51.0 76.4#

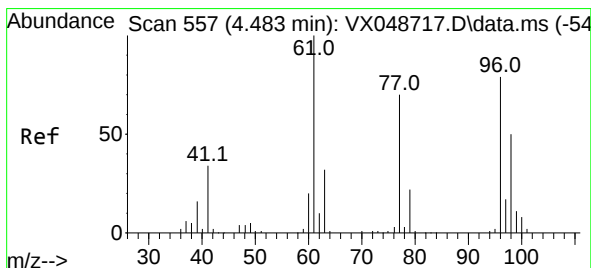
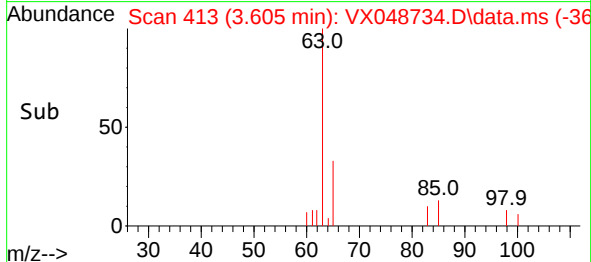
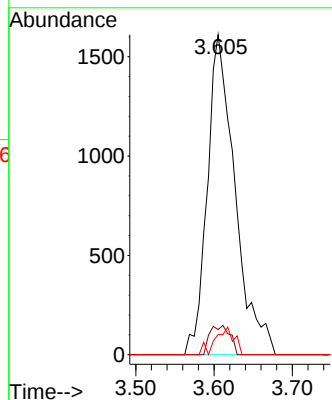
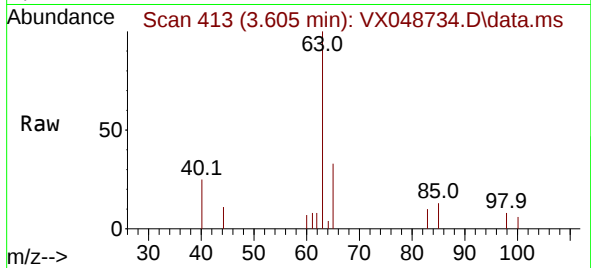




#24
 1,1-Dichloroethane
 Concen: 1.475 ug/l
 RT: 3.605 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX048734.D
 Acq: 05 Dec 2025 14:33

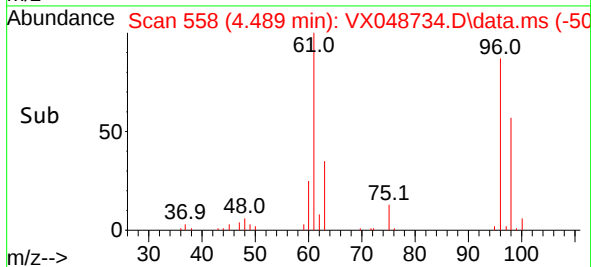
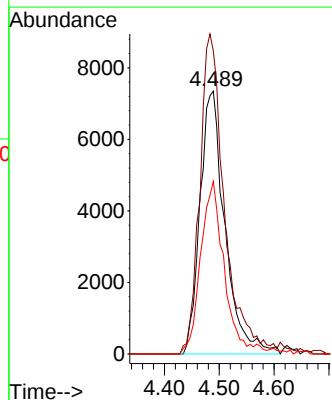
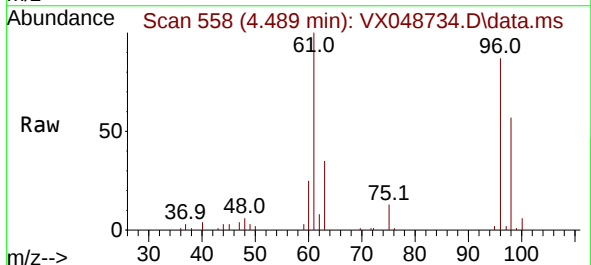
Instrument :
 MSVOA_X
 ClientSampleId :
 RMW-05B-90.5-120325

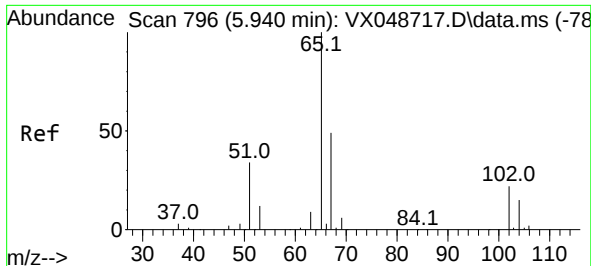
Tgt Ion:	63	Resp:	3969
Ion	Ratio	Lower	Upper
63	100		
98	7.9	3.5	10.6
100	6.3	2.5	7.4



#27
 cis-1,2-Dichloroethene
 Concen: 13.149 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.006 min
 Lab File: VX048734.D
 Acq: 05 Dec 2025 14:33

Tgt Ion:	96	Resp:	23281
Ion	Ratio	Lower	Upper
96	100		
61	119.9	0.0	271.0
98	61.8	0.0	130.2





#33

1,2-Dichloroethane-d4

Concen: 51.288 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048734.D

Acq: 05 Dec 2025 14:33

Instrument :

MSVOA_X

ClientSampleId :

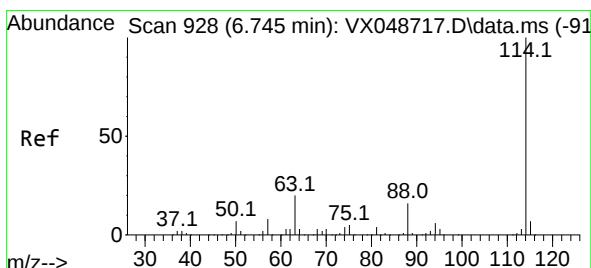
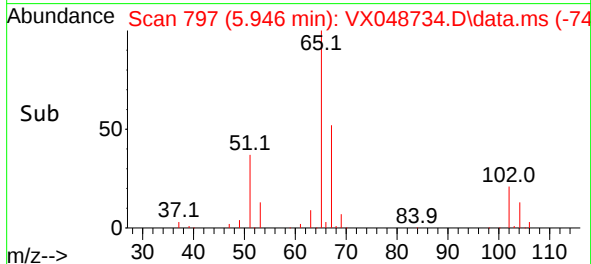
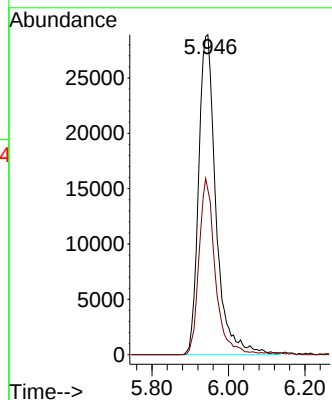
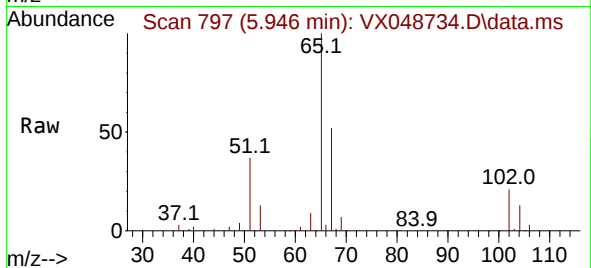
RMW-05B-90.5-120325

Tgt Ion: 65 Resp: 91135

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# 928

Delta R.T. 0.000 min

Lab File: VX048734.D

Acq: 05 Dec 2025 14:33

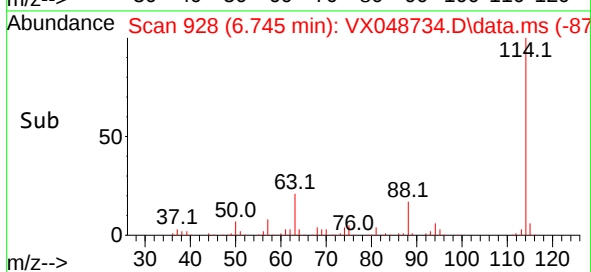
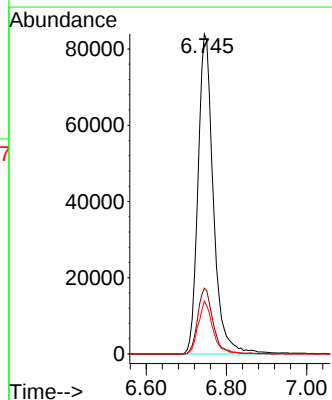
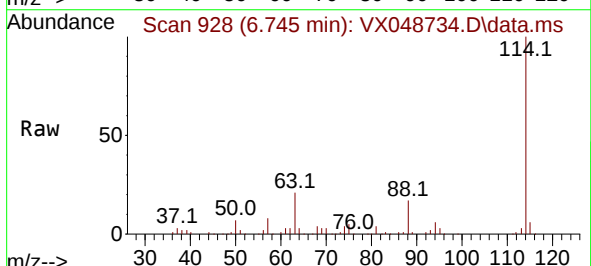
Tgt Ion: 114 Resp: 222932

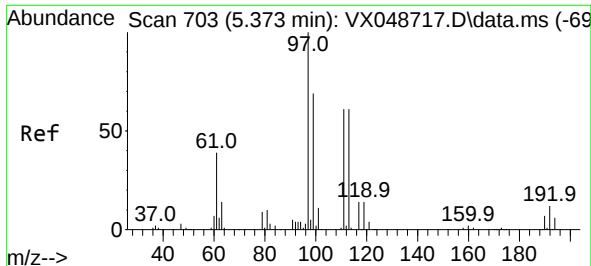
Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.0

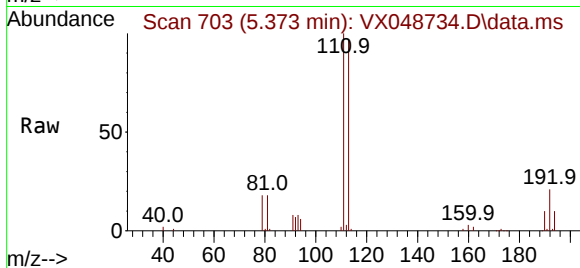
88 16.6 0.0 31.8



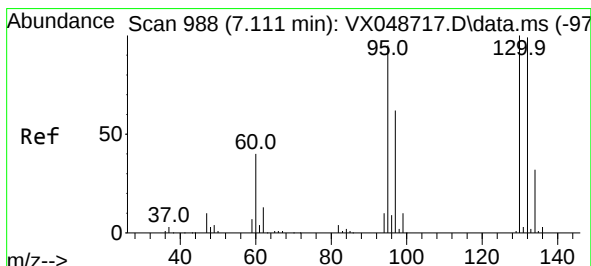
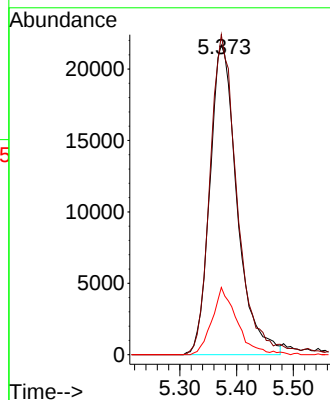
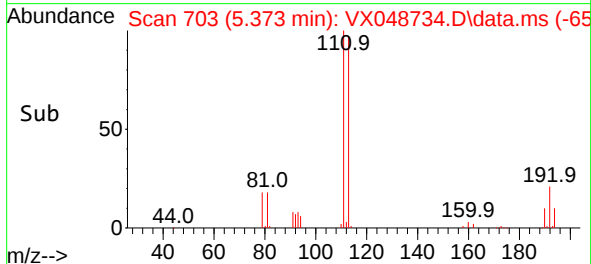


#35
Dibromofluoromethane
Concen: 47.112 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048734.D
Acq: 05 Dec 2025 14:33

Instrument :
MSVOA_X
ClientSampleId :
RMW-05B-90.5-120325

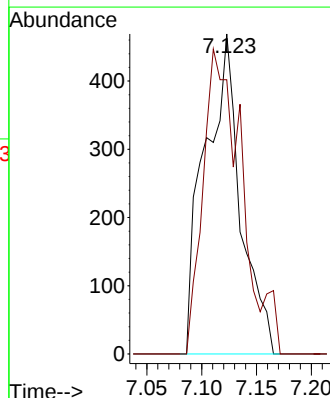
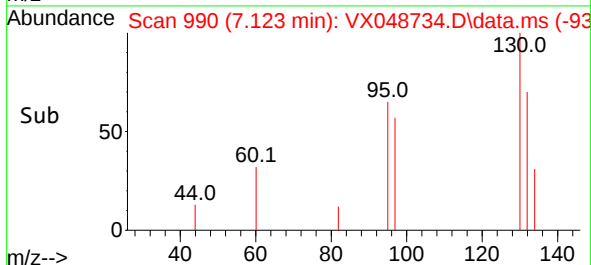
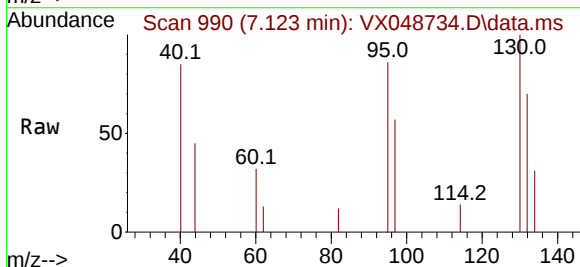


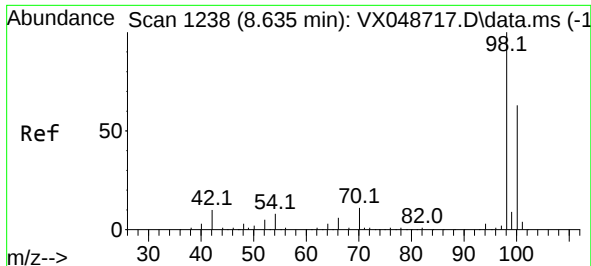
Tgt Ion:113 Resp: 72316
Ion Ratio Lower Upper
113 100
111 103.5 79.5 119.3
192 19.6 16.1 24.1



#44
Trichloroethene
Concen: 0.651 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX048734.D
Acq: 05 Dec 2025 14:33

Tgt Ion:130 Resp: 1059
Ion Ratio Lower Upper
130 100
95 85.7 0.0 189.6

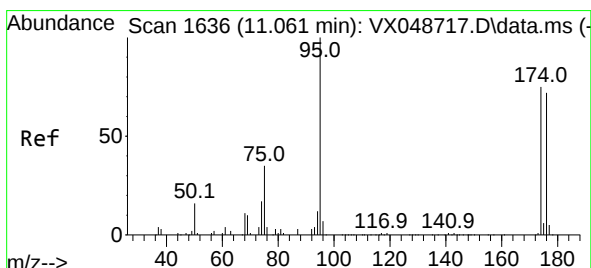
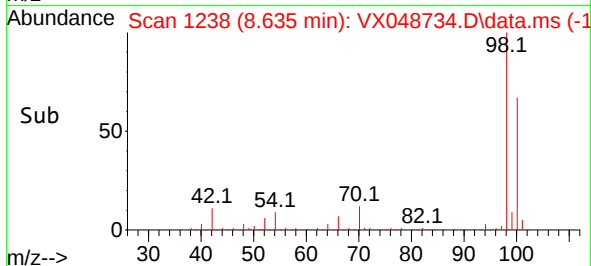
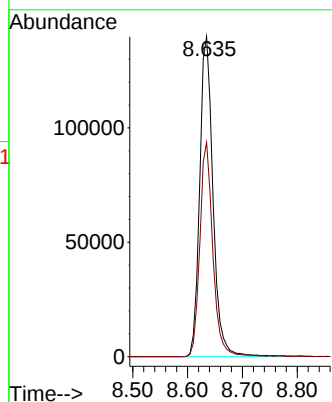
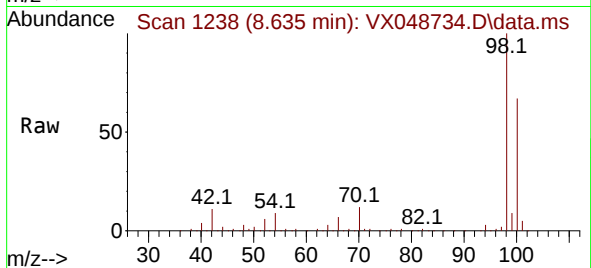




#50
Toluene-d8
Concen: 43.924 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048734.D
Acq: 05 Dec 2025 14:33

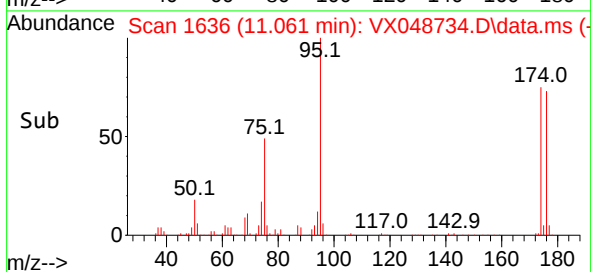
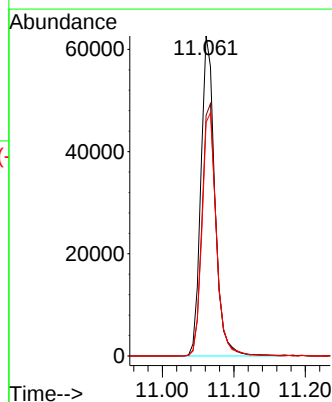
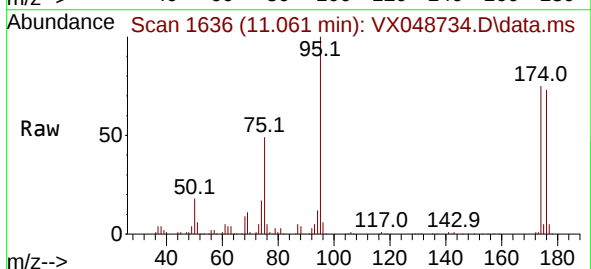
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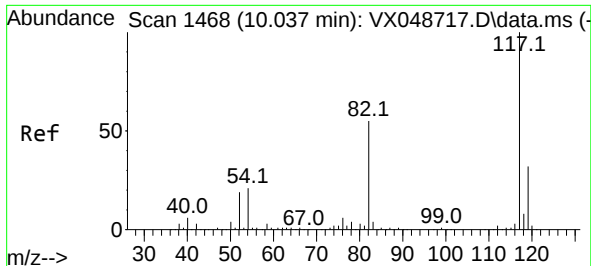
Tgt Ion: 98 Resp: 236336
Ion Ratio Lower Upper
98 100
100 65.4 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 45.783 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048734.D
Acq: 05 Dec 2025 14:33

Tgt Ion: 95 Resp: 84945
Ion Ratio Lower Upper
95 100
174 80.1 0.0 157.8
176 78.0 0.0 154.0

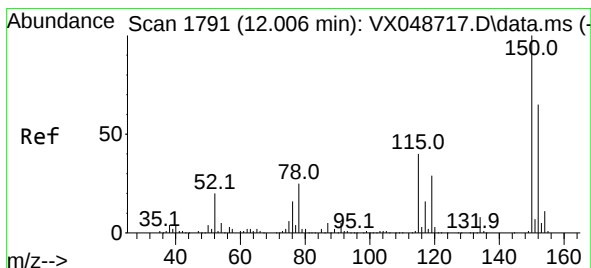
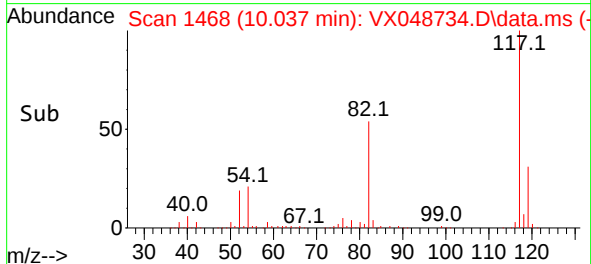
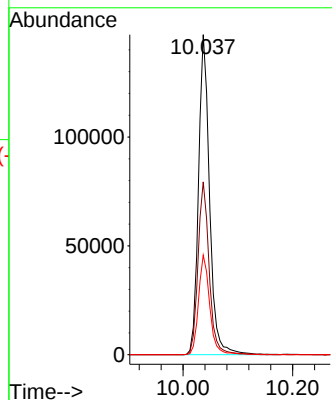
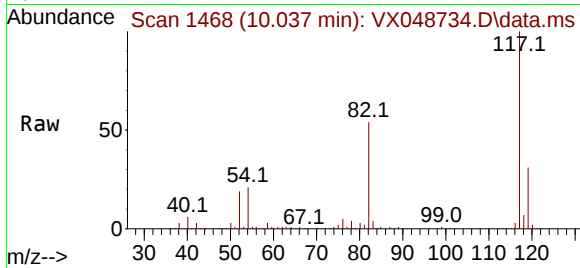




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048734.D
Acq: 05 Dec 2025 14:33

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 207009
Ion Ratio Lower Upper
117 100
82 54.0 44.1 66.1
119 31.1 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: VX048734.D
Acq: 05 Dec 2025 14:33

Tgt Ion:152 Resp: 102583
Ion Ratio Lower Upper
152 100
115 57.5 42.1 126.4
150 156.8 0.0 347.8

