

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
 Data File : VX048837.D
 Acq On : 11 Dec 2025 19:05
 Operator : JC/MD
 Sample : Q3828-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OWBR-03-138-120925

Quant Time: Dec 11 23:55:39 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)

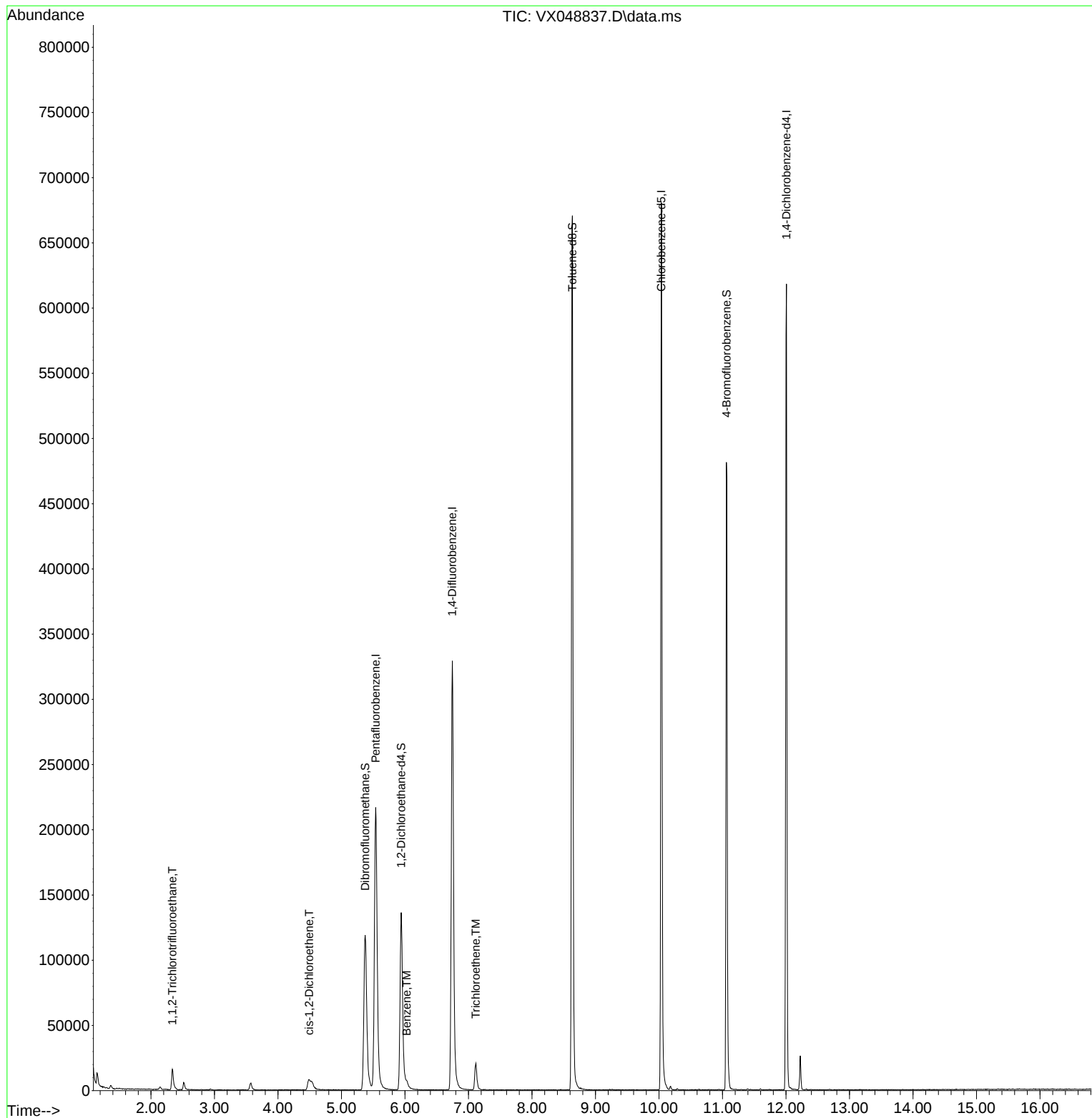
Internal Standards						
1) Pentafluorobenzene	5.538	168	222135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	364309	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	323691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	138930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	145593	48.833	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.660%
35) Dibromofluoromethane	5.373	113	118953	47.422	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.840%
50) Toluene-d8	8.635	98	438075	49.822	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.640%
62) 4-Bromofluorobenzene	11.061	95	137953	45.499	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.000%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.337	101	7432	2.941	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	5863	1.974	ug/l	99
40) Benzene	6.025	78	4659	0.457	ug/l #	87
44) Trichloroethene	7.117	130	9342	3.515	ug/l	90

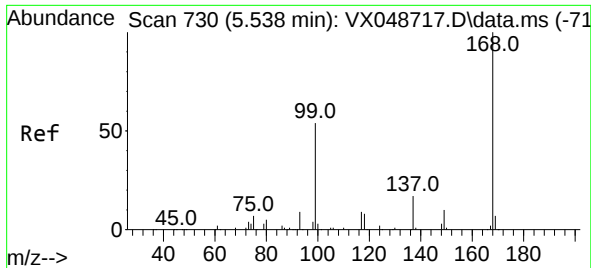
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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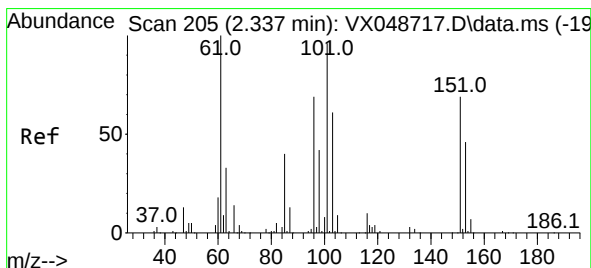
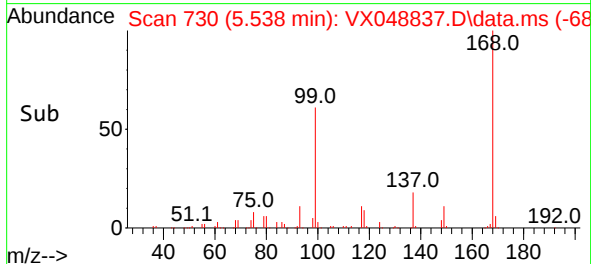
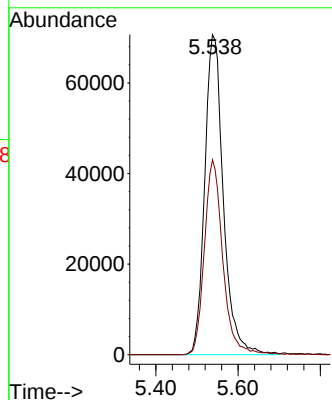
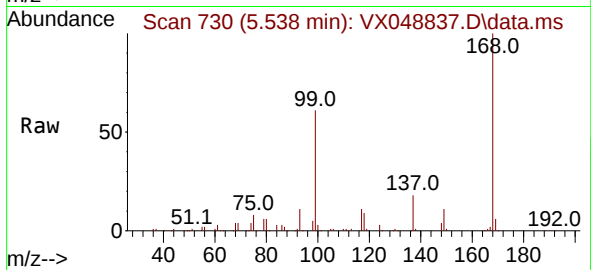




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048837.D
Acq: 11 Dec 2025 19:05

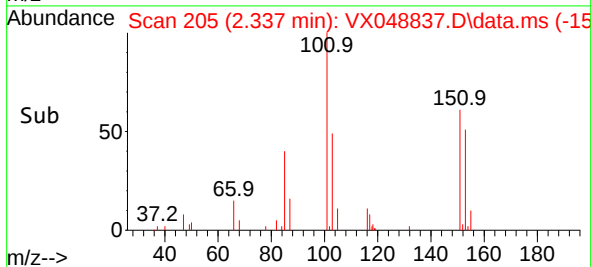
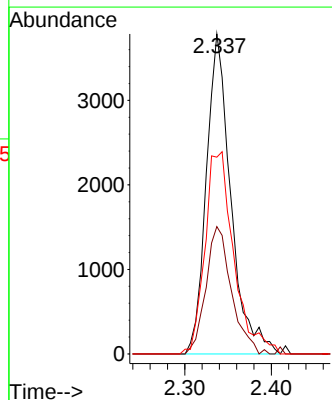
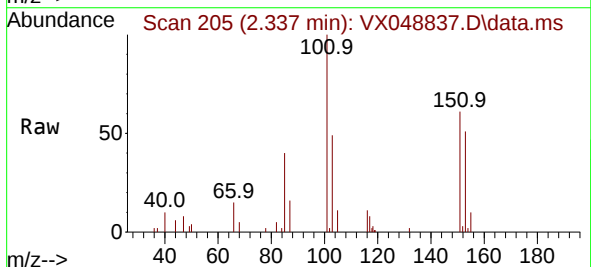
Instrument :
MSVOA_X
ClientSampleId :
OWBR-03-138-120925

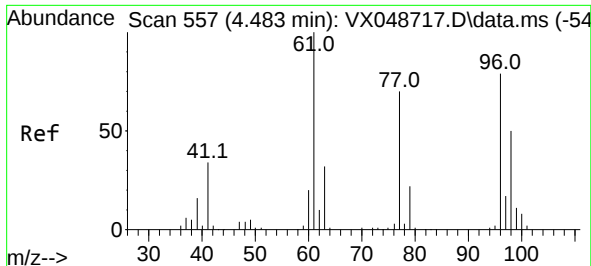
Tgt Ion:168 Resp: 222135
Ion Ratio Lower Upper
168 100
99 60.9 44.2 66.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.941 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX048837.D
Acq: 11 Dec 2025 19:05

Tgt Ion:101 Resp: 7432
Ion Ratio Lower Upper
101 100
85 41.5 34.2 51.2
151 74.6 60.2 90.4





#27

cis-1,2-Dichloroethene

Concen: 1.974 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX048837.D

Acq: 11 Dec 2025 19:05

Instrument :

MSVOA_X

ClientSampleId :

OWBR-03-138-120925

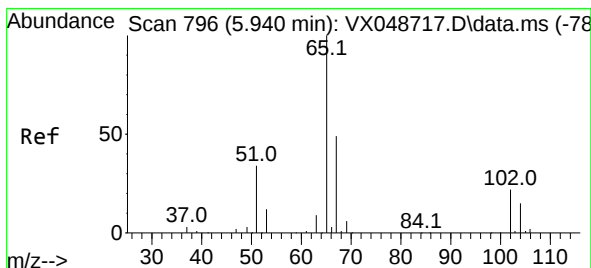
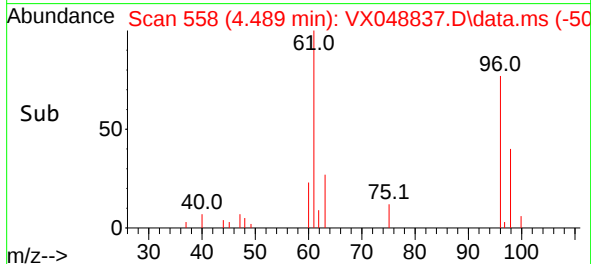
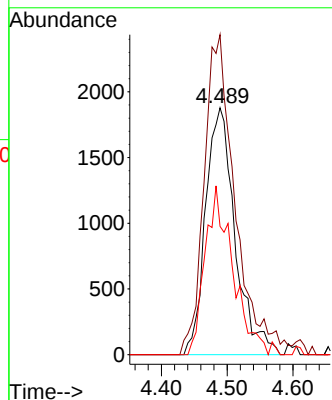
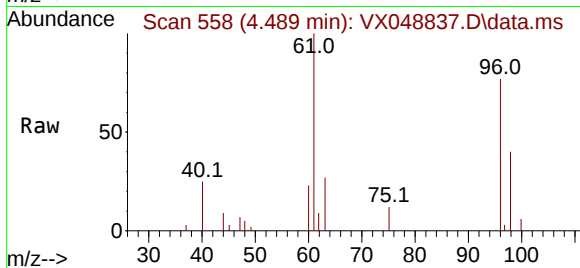
Tgt Ion: 96 Resp: 5863

Ion Ratio Lower Upper

96 100

61 136.7 0.0 271.0

98 64.1 0.0 130.2



#33

1,2-Dichloroethane-d4

Concen: 48.833 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX048837.D

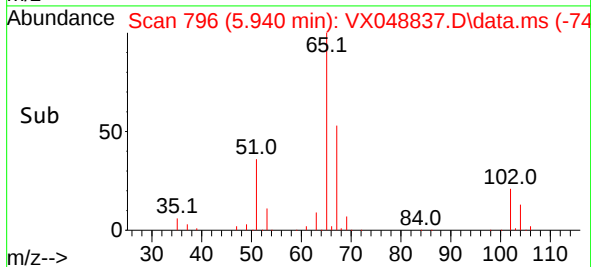
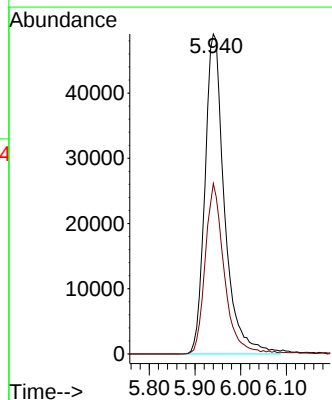
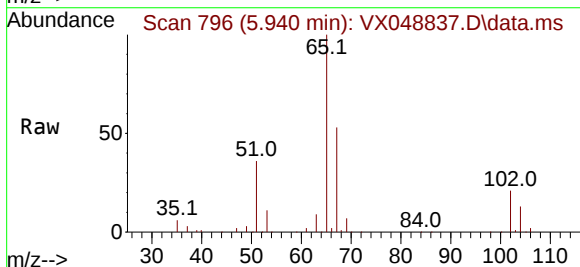
Acq: 11 Dec 2025 19:05

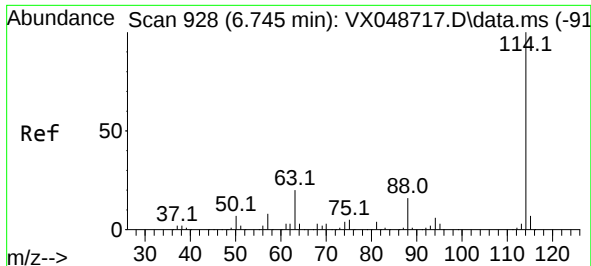
Tgt Ion: 65 Resp: 145593

Ion Ratio Lower Upper

65 100

67 52.4 0.0 107.4

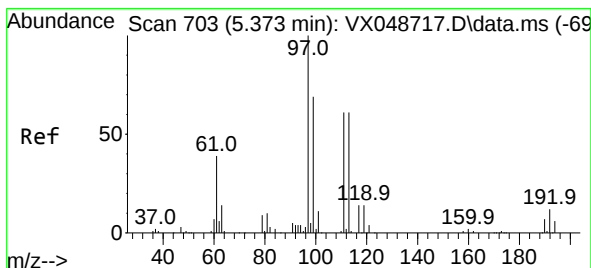
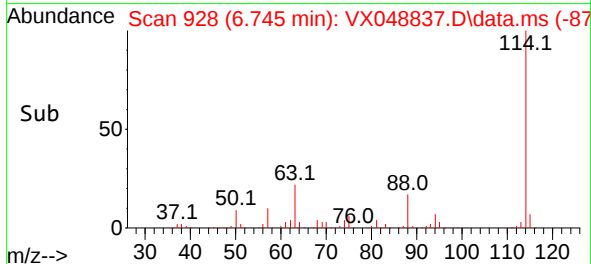
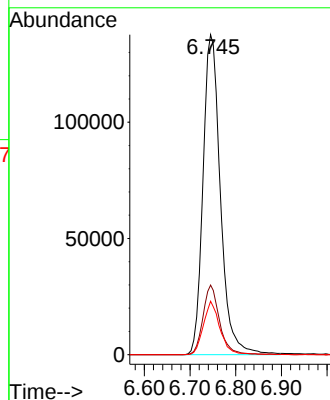
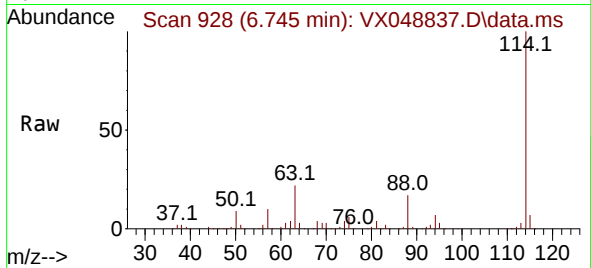




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048837.D
Acq: 11 Dec 2025 19:05

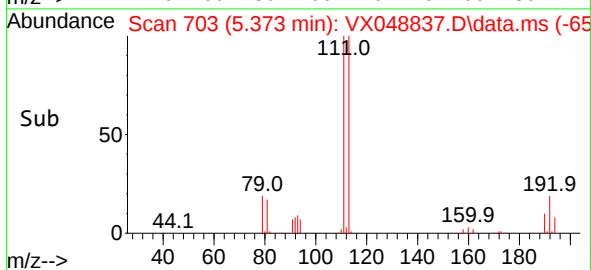
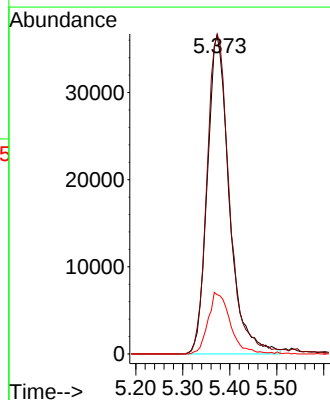
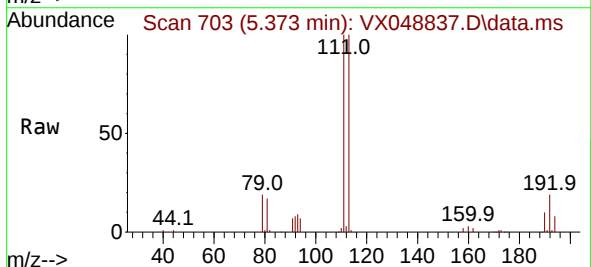
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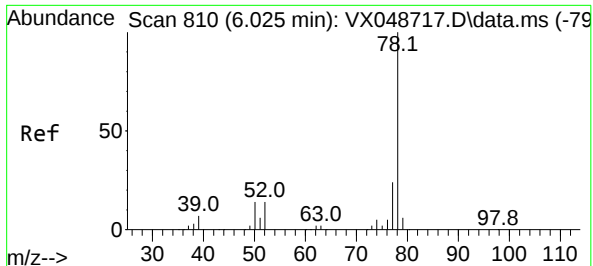
Tgt Ion:114 Resp: 364309
Ion Ratio Lower Upper
114 100
63 21.7 0.0 39.0
88 16.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.422 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048837.D
Acq: 11 Dec 2025 19:05

Tgt Ion:113 Resp: 118953
Ion Ratio Lower Upper
113 100
111 102.8 79.5 119.3
192 19.4 16.1 24.1

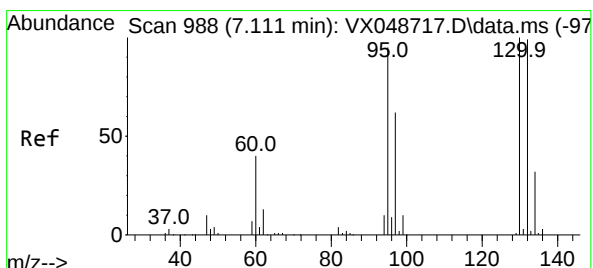
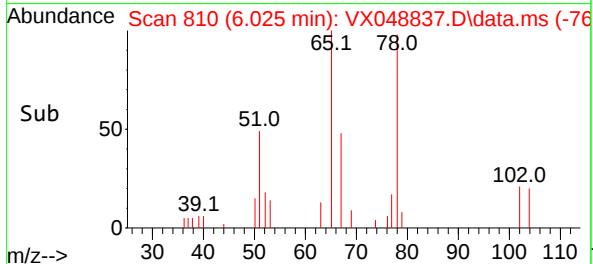
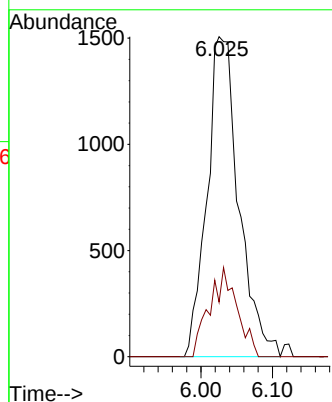
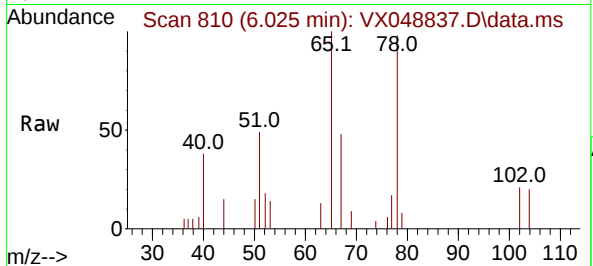




#40
Benzene
Concen: 0.457 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX048837.D
Acq: 11 Dec 2025 19:05

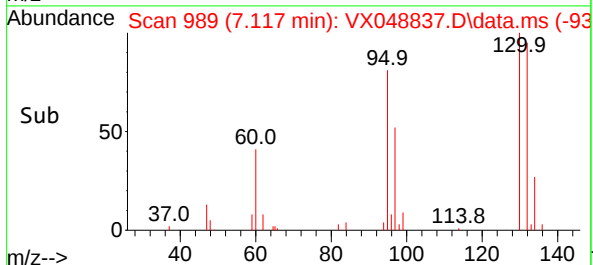
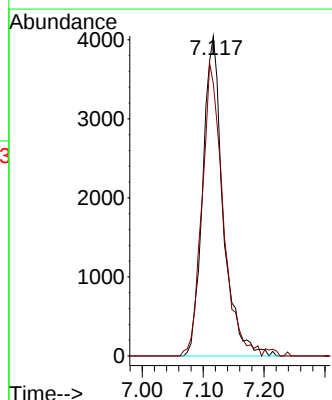
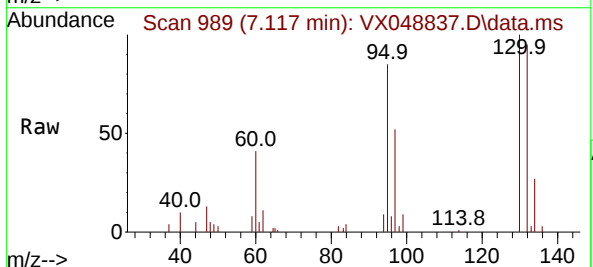
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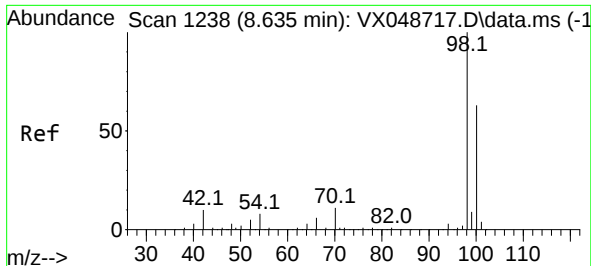
Tgt Ion: 78 Resp: 4659
Ion Ratio Lower Upper
78 100
77 17.1 18.8 28.2#



#44
Trichloroethene
Concen: 3.515 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX048837.D
Acq: 11 Dec 2025 19:05

Tgt Ion:130 Resp: 9342
Ion Ratio Lower Upper
130 100
95 85.1 0.0 189.6

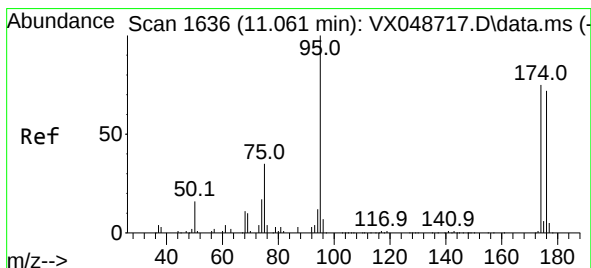
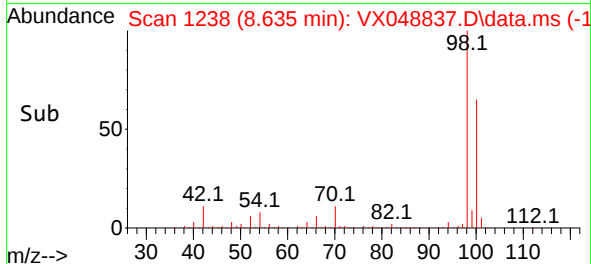
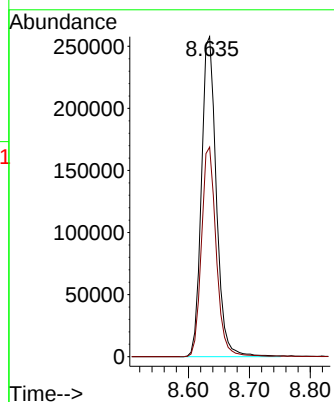
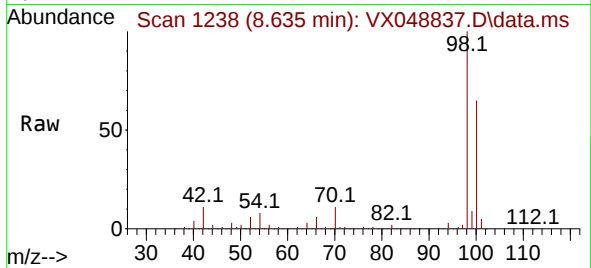




#50
Toluene-d8
Concen: 49.822 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048837.D
Acq: 11 Dec 2025 19:05

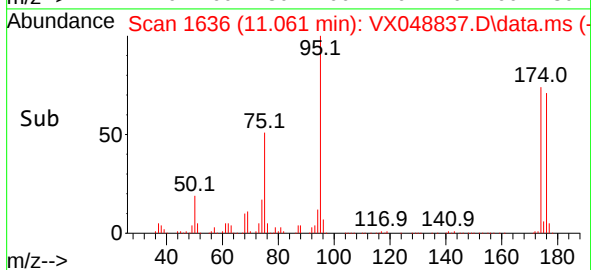
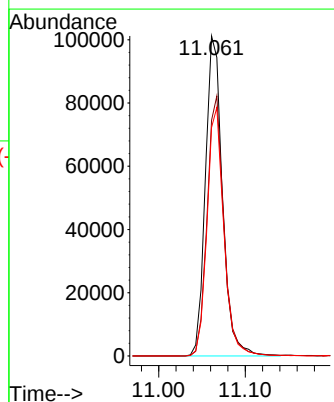
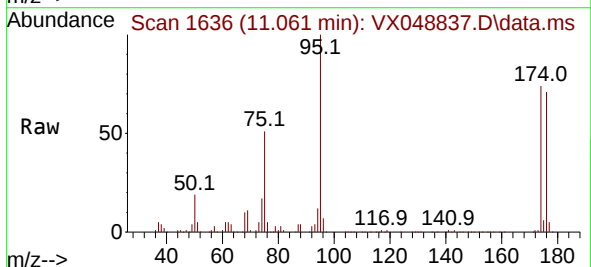
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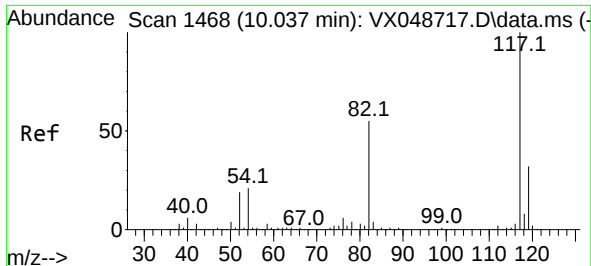
Tgt Ion: 98 Resp: 438075
Ion Ratio Lower Upper
98 100
100 64.9 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 45.499 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048837.D
Acq: 11 Dec 2025 19:05

Tgt Ion: 95 Resp: 137953
Ion Ratio Lower Upper
95 100
174 80.7 0.0 157.8
176 76.9 0.0 154.0

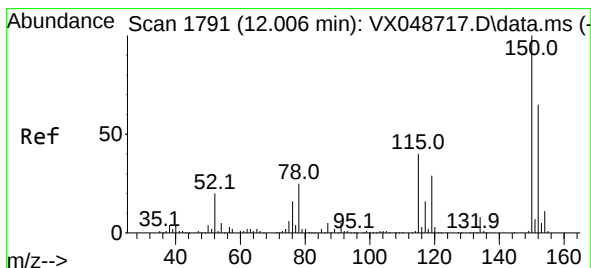
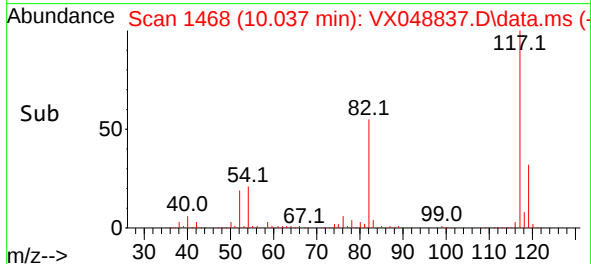
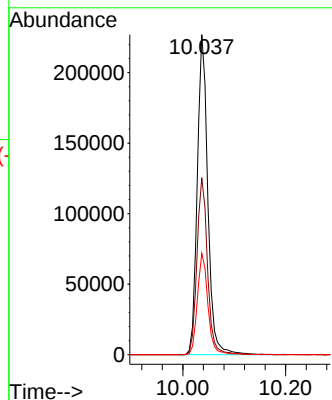
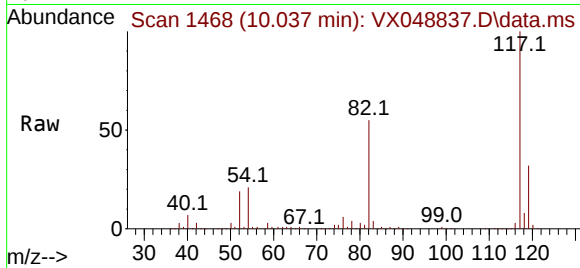




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048837.D
Acq: 11 Dec 2025 19:05

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 323691
Ion Ratio Lower Upper
117 100
82 55.3 44.1 66.1
119 31.7 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: VX048837.D
Acq: 11 Dec 2025 19:05

Tgt Ion:152 Resp: 138930
Ion Ratio Lower Upper
152 100
115 58.3 42.1 126.4
150 154.9 0.0 347.8

