

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
 Data File : VX048048.D
 Acq On : 07 Oct 2025 13:23
 Operator : JC/MD
 Sample : Q3298-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-720-722

Quant Time: Oct 08 01:27:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

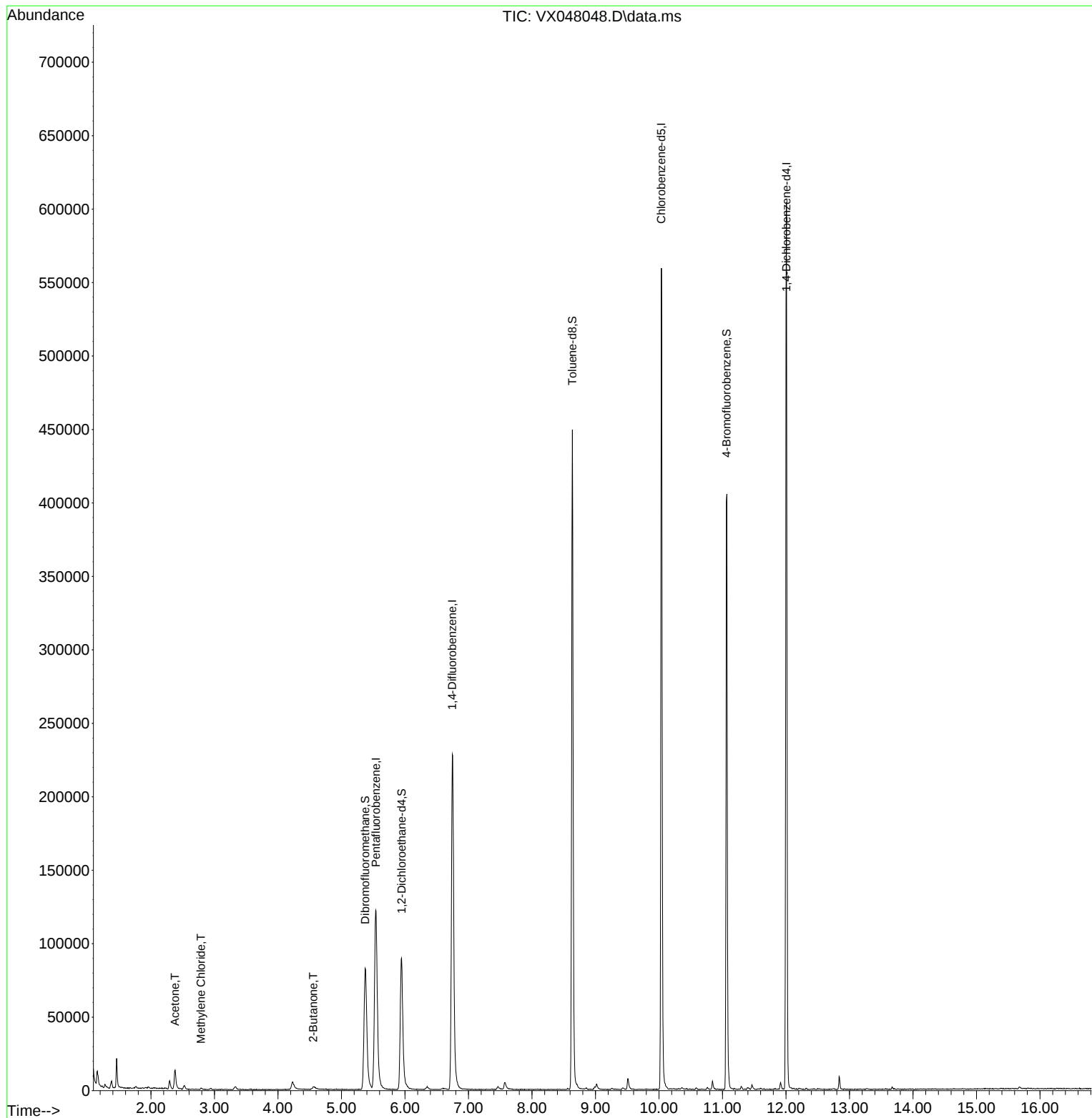
Internal Standards						
1) Pentafluorobenzene	5.544	168	122944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	248523	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	257016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	125514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	97539	49.842	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.680%
35) Dibromofluoromethane	5.373	113	80909	48.544	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.080%
50) Toluene-d8	8.635	98	273842	47.482	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.960%
62) 4-Bromofluorobenzene	11.061	95	118749	54.254	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.500%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	17242	20.263	ug/l	93
20) Methylene Chloride	2.788	84	494	0.274	ug/l #	76
25) 2-Butanone	4.556	43	4238	3.993	ug/l	91

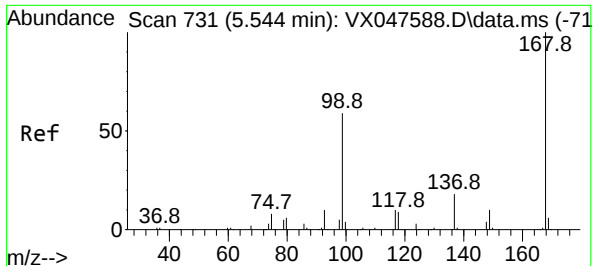
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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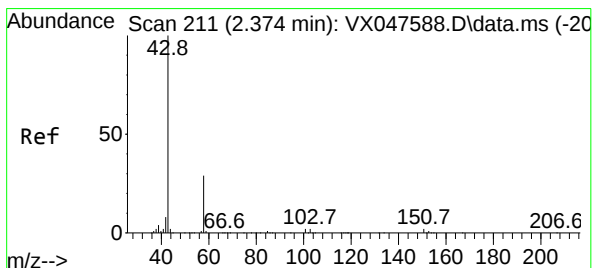
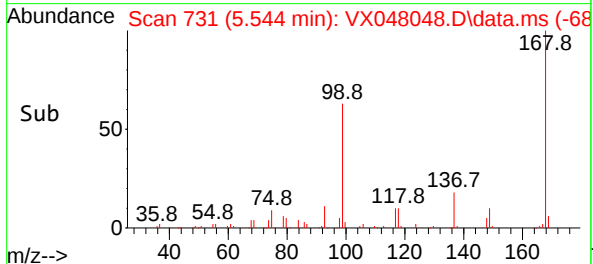
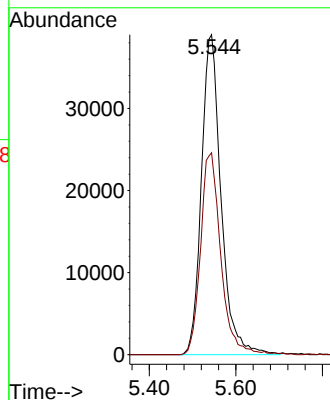
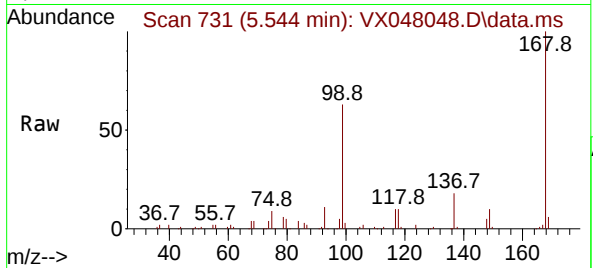




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048048.D
Acq: 07 Oct 2025 13:23

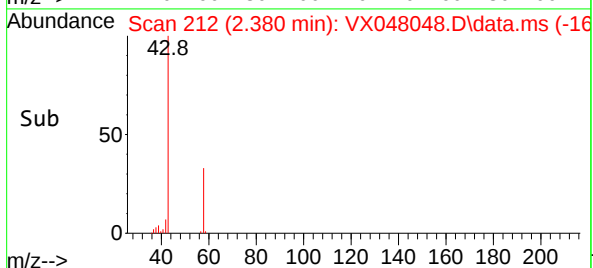
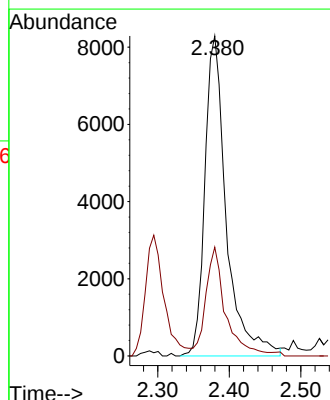
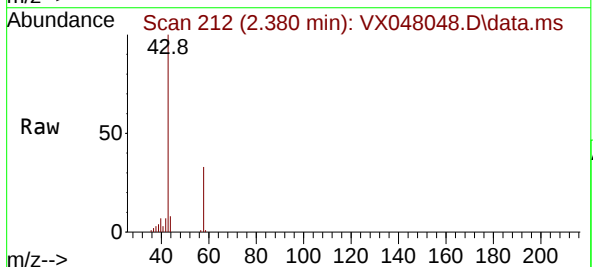
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-720-722

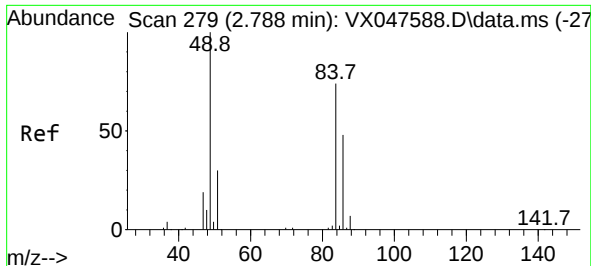
Tgt Ion:168 Resp: 122944
Ion Ratio Lower Upper
168 100
99 63.1 48.8 73.2



#16
Acetone
Concen: 20.263 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048048.D
Acq: 07 Oct 2025 13:23

Tgt Ion: 43 Resp: 17242
Ion Ratio Lower Upper
43 100
58 32.8 23.4 35.0

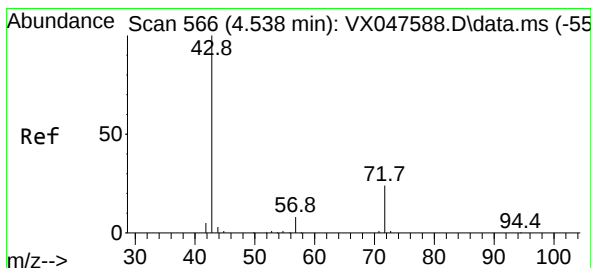
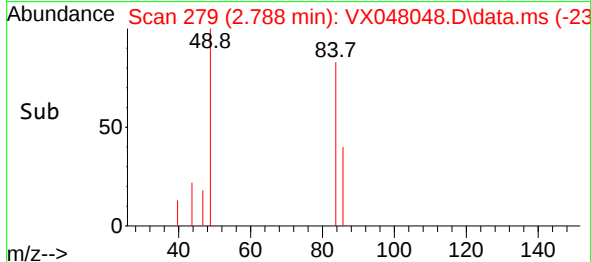
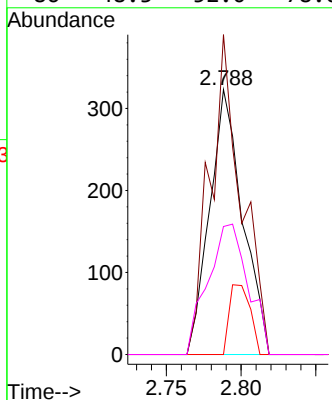
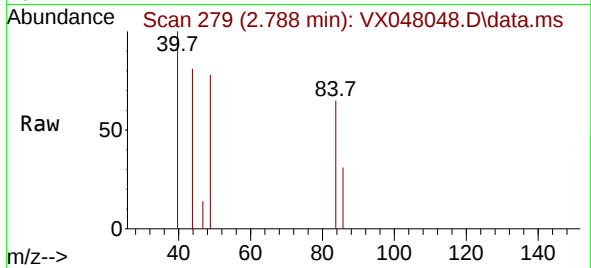




#20
Methylene Chloride
Concen: 0.274 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX048048.D
Acq: 07 Oct 2025 13:23

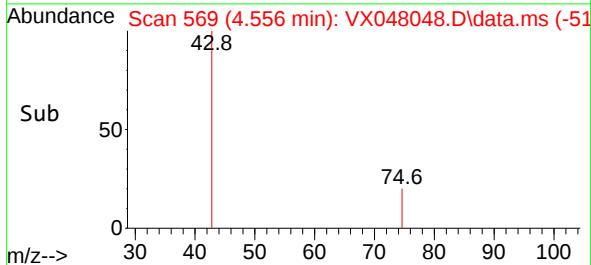
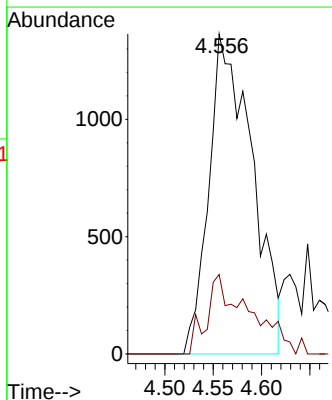
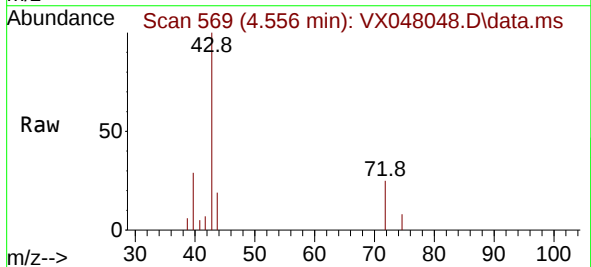
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-720-722

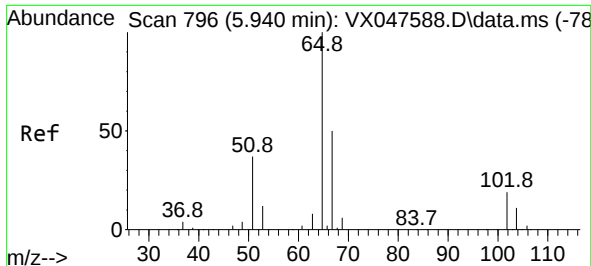
Tgt Ion:	84	Resp:	494
Ion	Ratio	Lower	Upper
84	100		
49	120.7	108.6	162.8
51	0.0	32.6	48.8#
86	48.3	52.0	78.0#



#25
2-Butanone
Concen: 3.993 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.018 min
Lab File: VX048048.D
Acq: 07 Oct 2025 13:23

Tgt Ion:	43	Resp:	4238
Ion	Ratio	Lower	Upper
43	100		
72	20.8	20.1	30.1

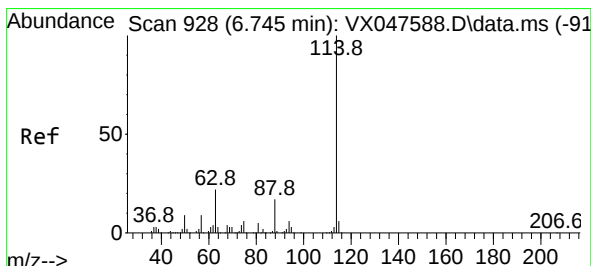
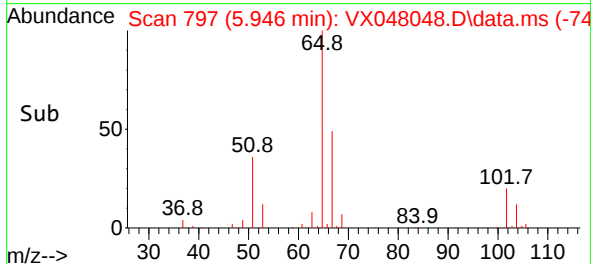
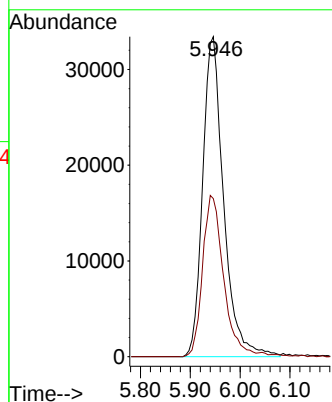
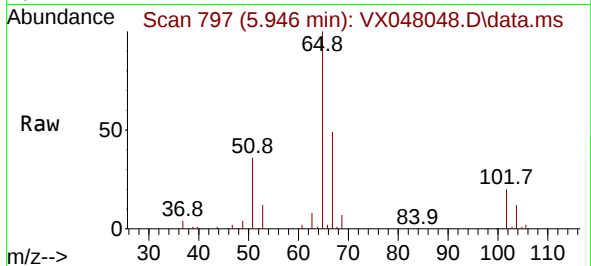




#33
 1,2-Dichloroethane-d4
 Concen: 49.842 ug/l
 RT: 5.946 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VX048048.D
 Acq: 07 Oct 2025 13:23

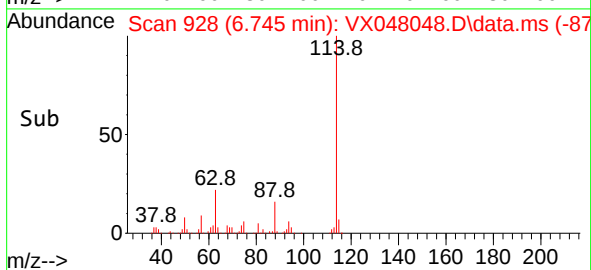
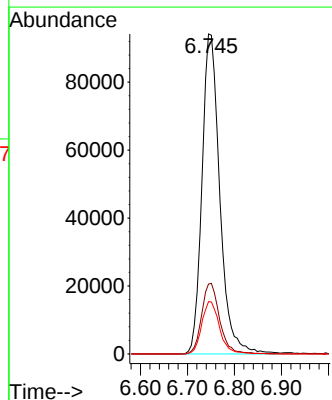
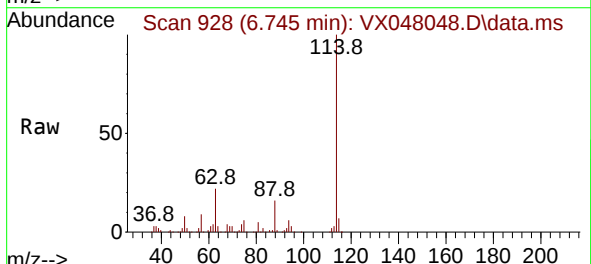
Instrument :
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 BP-VPB-184-GW-720-722

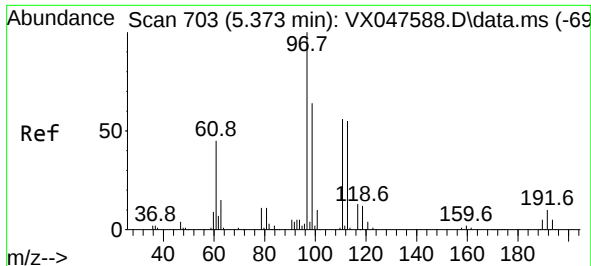
Tgt Ion: 65 Resp: 97539
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. 0.000 min
 Lab File: VX048048.D
 Acq: 07 Oct 2025 13:23

Tgt Ion: 114 Resp: 248523
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 44.0
 88 16.3 0.0 34.2

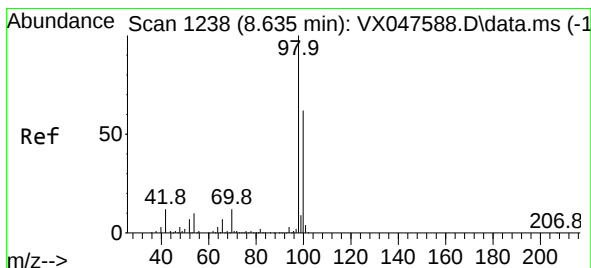
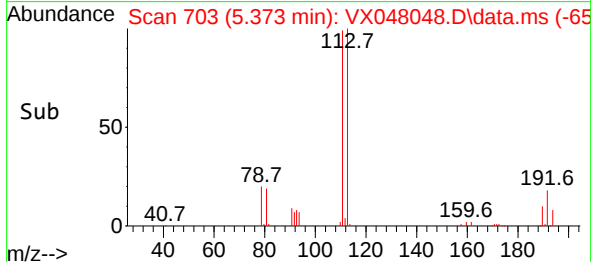
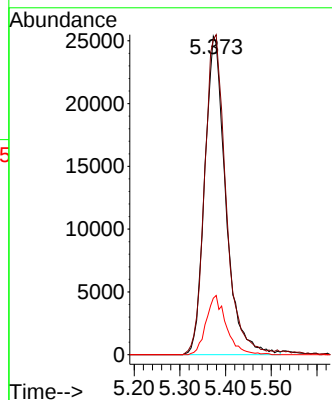
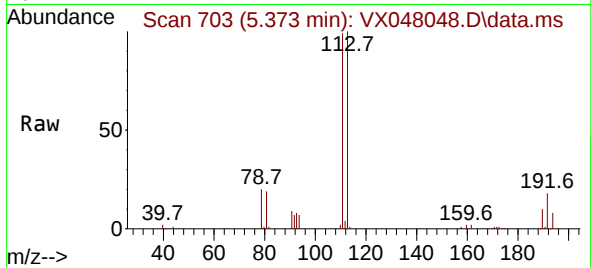




#35
Dibromofluoromethane
Concen: 48.544 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048048.D
Acq: 07 Oct 2025 13:23

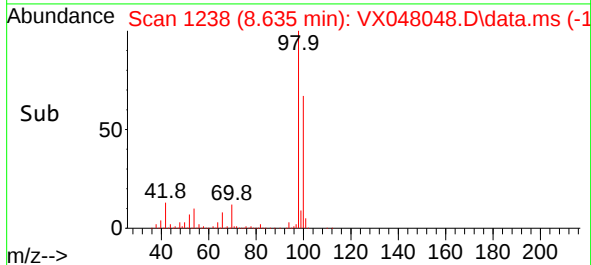
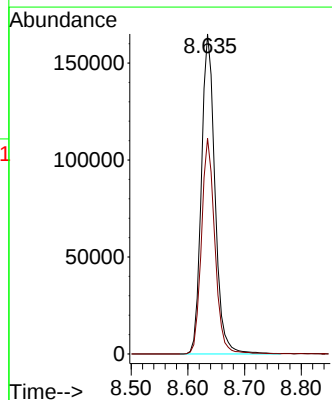
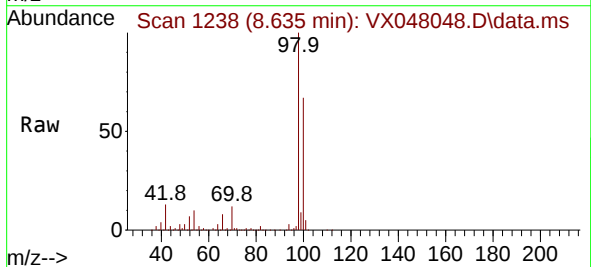
Instrument :
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ClientSampleId :
BP-VPB-184-GW-720-722

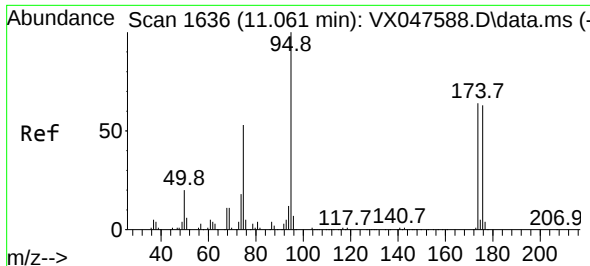
Tgt Ion:113 Resp: 80909
Ion Ratio Lower Upper
113 100
111 102.1 80.9 121.3
192 17.9 14.2 21.4



#50
Toluene-d8
Concen: 47.482 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048048.D
Acq: 07 Oct 2025 13:23

Tgt Ion: 98 Resp: 273842
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4

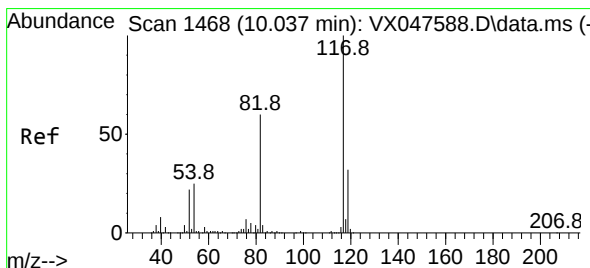
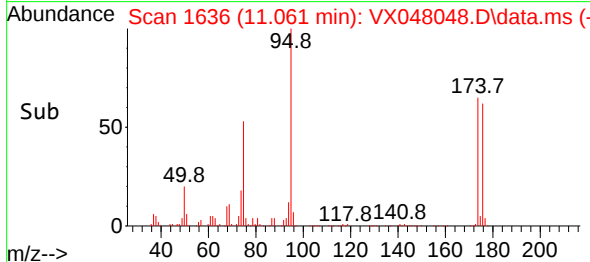
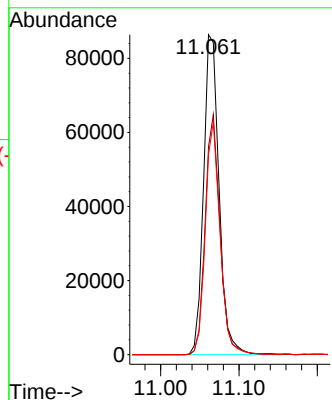
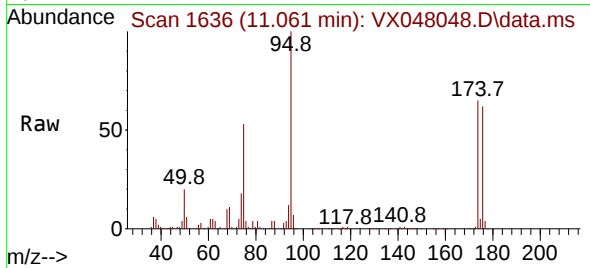




#62
4-Bromofluorobenzene
Concen: 54.254 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048048.D
Acq: 07 Oct 2025 13:23

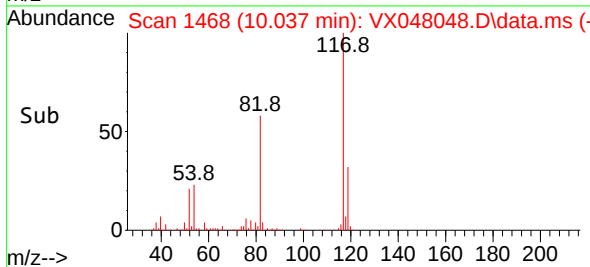
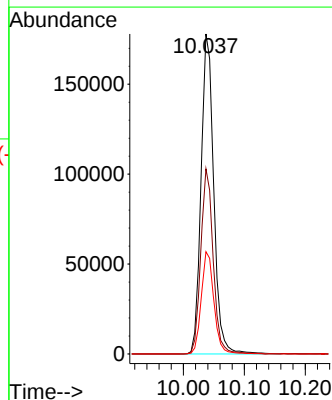
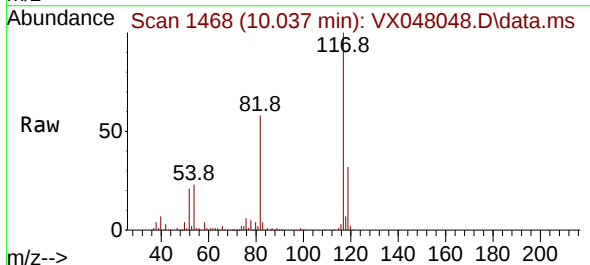
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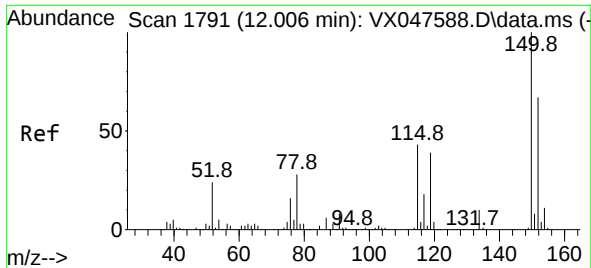
Tgt Ion: 95 Resp: 118749
Ion Ratio Lower Upper
95 100
174 72.1 0.0 141.6
176 69.1 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048048.D
Acq: 07 Oct 2025 13:23

Tgt Ion: 117 Resp: 257016
Ion Ratio Lower Upper
117 100
82 57.8 47.8 71.6
119 31.9 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048048.D

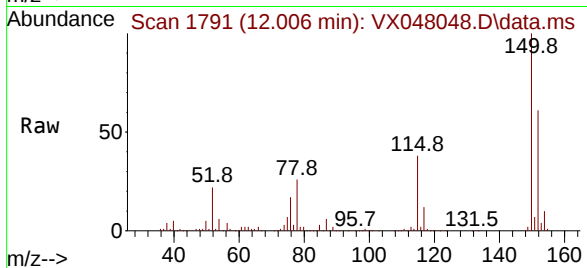
Acq: 07 Oct 2025 13:23

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-720-722



Tgt Ion:152 Resp: 125514

Ion Ratio Lower Upper

152 100

115 62.6 44.9 134.5

150 160.1 0.0 352.0

