

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101525\
 Data File : VX048192.D
 Acq On : 15 Oct 2025 15:38
 Operator : JC/MD
 Sample : Q3348-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WCS-TP2

Quant Time: Oct 16 04:07:27 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)

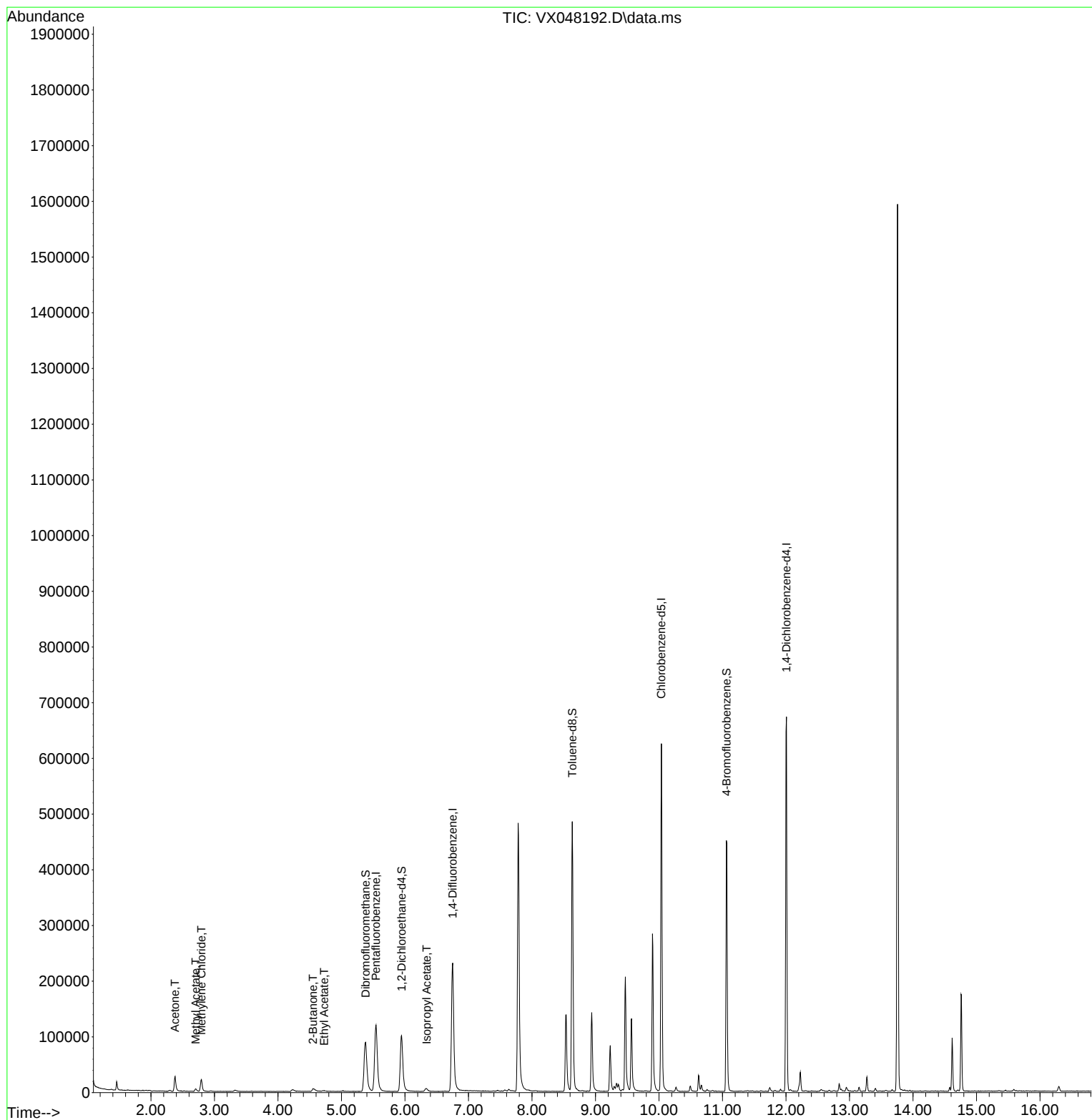
Internal Standards						
1) Pentafluorobenzene	5.544	168	117617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	250641	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	278464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	139994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	108626	58.022	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 116.040%	
35) Dibromofluoromethane	5.379	113	86553	51.491	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.980%	
50) Toluene-d8	8.635	98	294220	50.585	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.160%	
62) 4-Bromofluorobenzene	11.061	95	127925	57.952	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 115.900%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	32914	40.434	ug/l	95
18) Methyl Acetate	2.703	43	6885	3.800	ug/l	93
20) Methylene Chloride	2.794	84	9822	5.700	ug/l	96
25) 2-Butanone	4.550	43	11536	11.361	ug/l #	88
37) Ethyl Acetate	4.727	43	4108	1.562	ug/l #	87
43) Isopropyl Acetate	6.342	43	8787	2.037	ug/l #	92

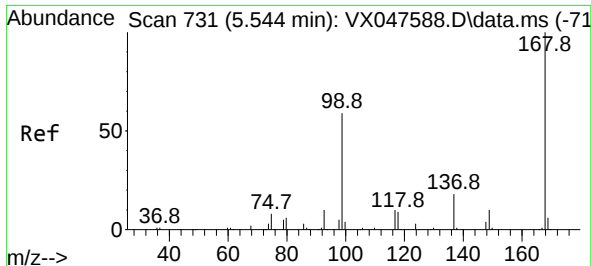
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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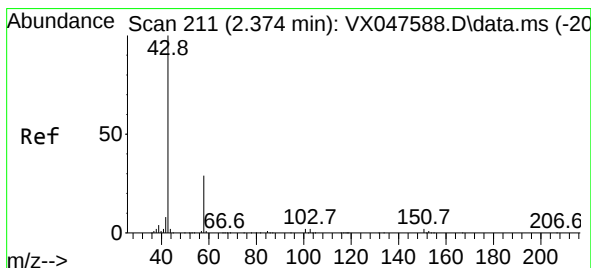
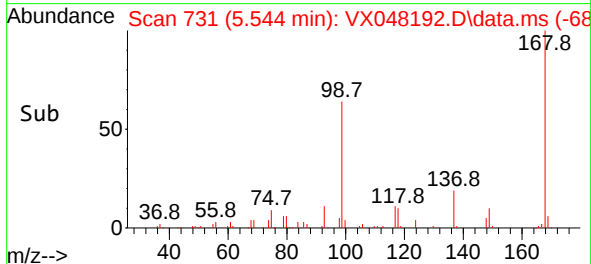
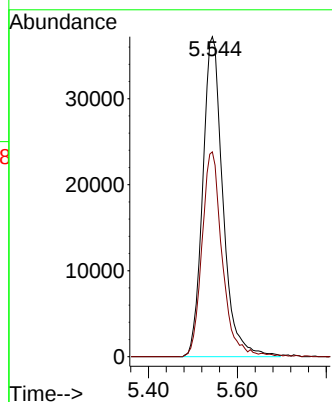
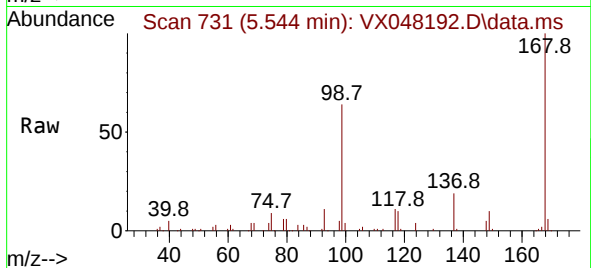




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048192.D
Acq: 15 Oct 2025 15:38

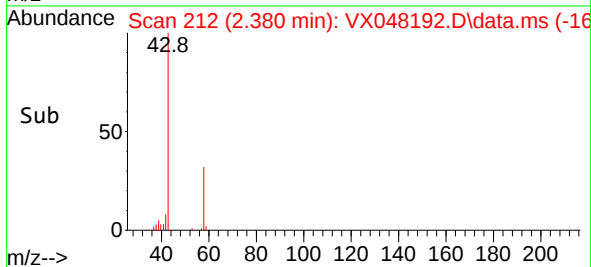
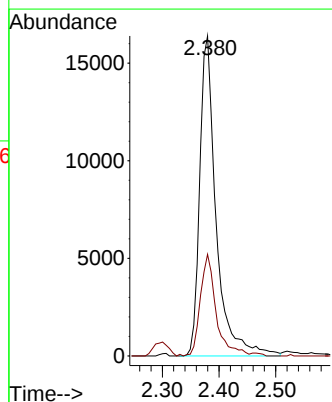
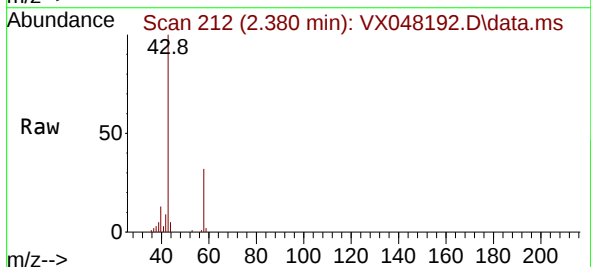
Instrument :
MSVOA_X
ClientSampleId :
WCS-TP2

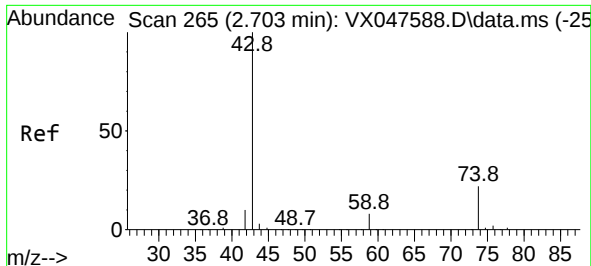
Tgt Ion:168 Resp: 117617
Ion Ratio Lower Upper
168 100
99 64.0 48.8 73.2



#16
Acetone
Concen: 40.434 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048192.D
Acq: 15 Oct 2025 15:38

Tgt Ion: 43 Resp: 32914
Ion Ratio Lower Upper
43 100
58 31.7 23.4 35.0

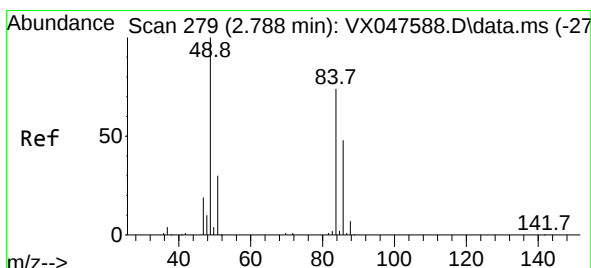
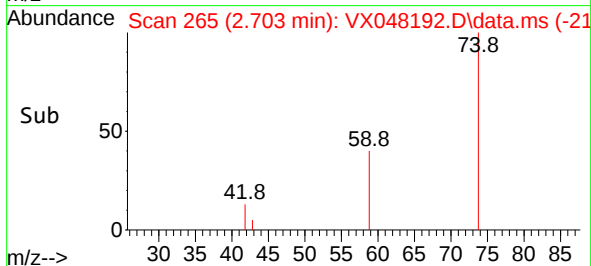
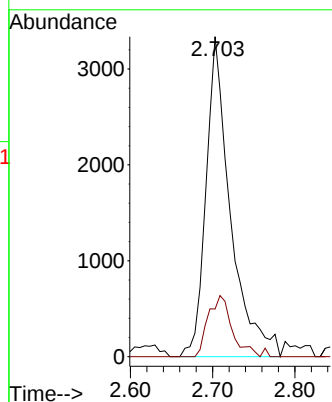
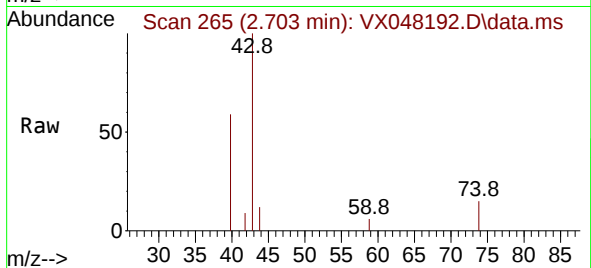




#18
Methyl Acetate
Concen: 3.800 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX048192.D
Acq: 15 Oct 2025 15:38

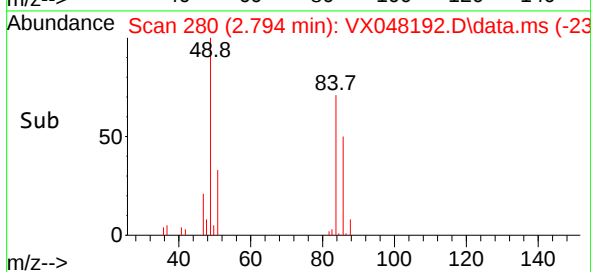
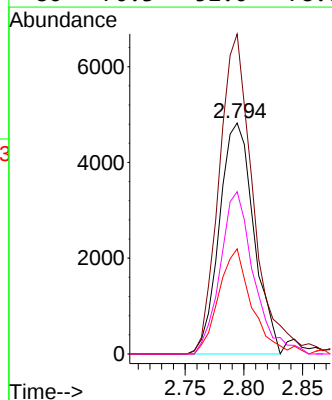
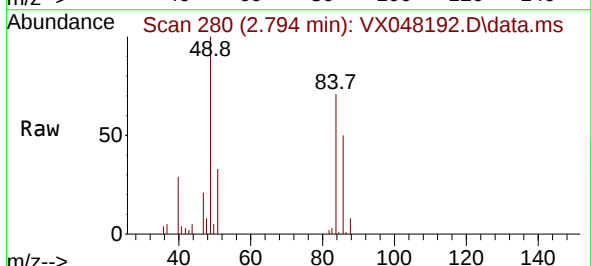
Instrument :
MSVOA_X
ClientSampleId :
WCS-TP2

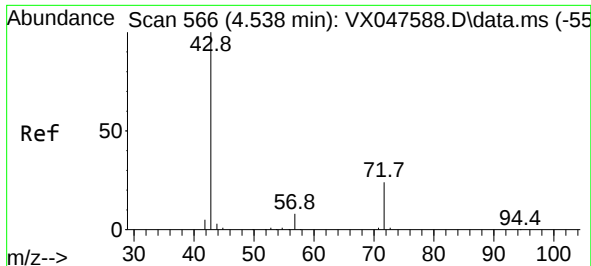
Tgt Ion: 43 Resp: 6885
Ion Ratio Lower Upper
43 100
74 18.5 17.4 26.2



#20
Methylene Chloride
Concen: 5.700 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048192.D
Acq: 15 Oct 2025 15:38

Tgt Ion: 84 Resp: 9822
Ion Ratio Lower Upper
84 100
49 138.6 108.6 162.8
51 45.5 32.6 48.8
86 70.3 52.0 78.0

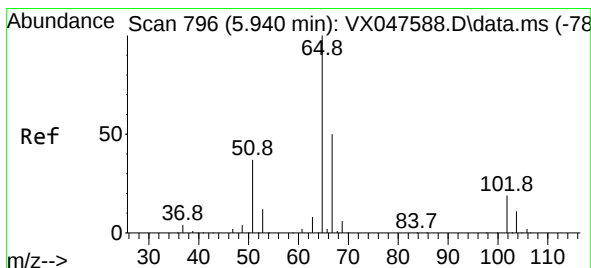
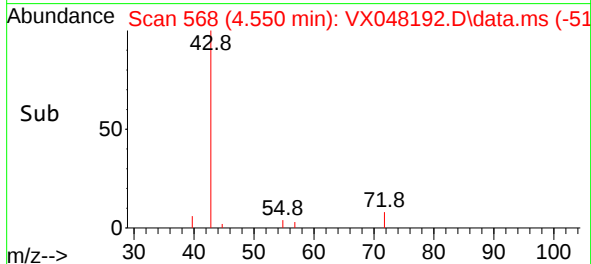
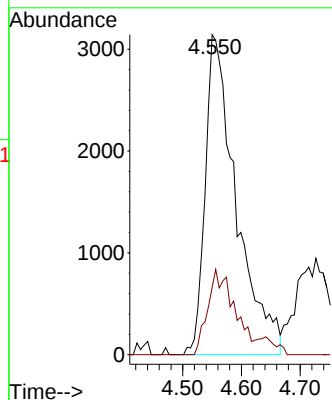
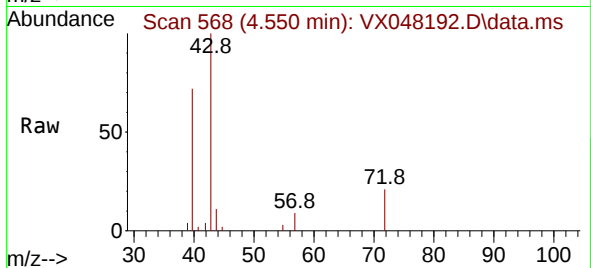




#25
2-Butanone
Concen: 11.361 ug/l
RT: 4.550 min Scan# 50
Delta R.T. 0.012 min
Lab File: VX048192.D
Acq: 15 Oct 2025 15:38

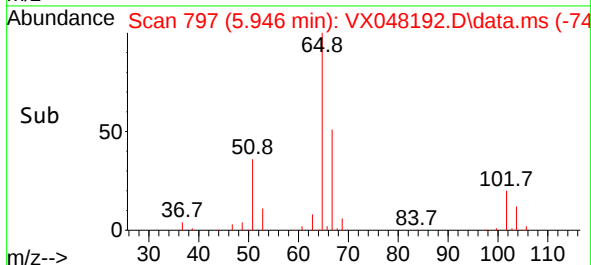
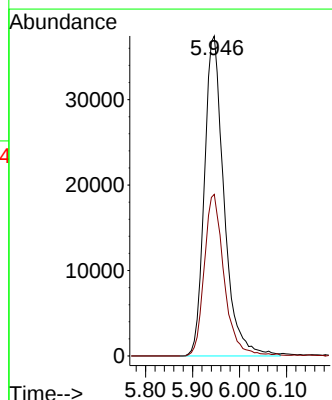
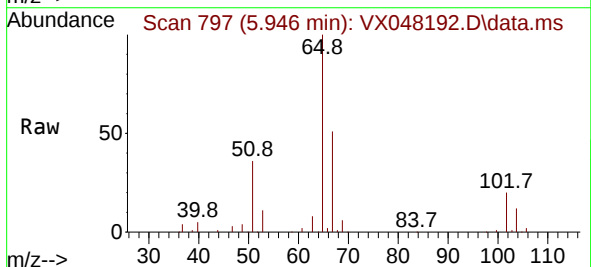
Instrument :
MSVOA_X
ClientSampleId :
WCS-TP2

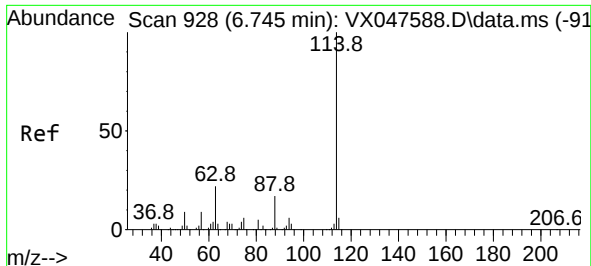
Tgt Ion: 43 Resp: 11536
Ion Ratio Lower Upper
43 100
72 19.0 20.1 30.1#



#33
1,2-Dichloroethane-d4
Concen: 58.022 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048192.D
Acq: 15 Oct 2025 15:38

Tgt Ion: 65 Resp: 108626
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.0

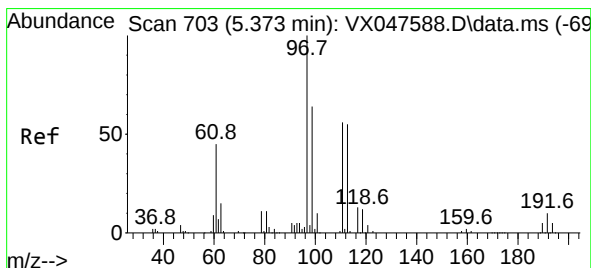
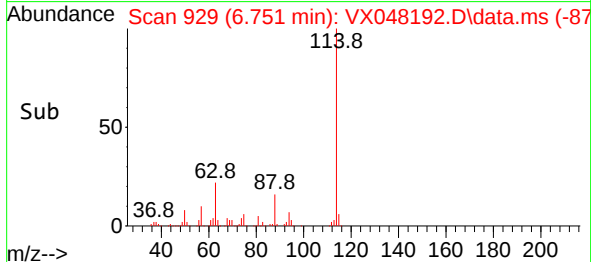
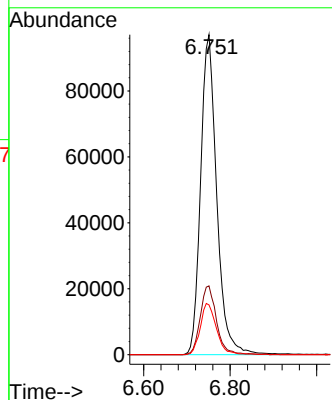
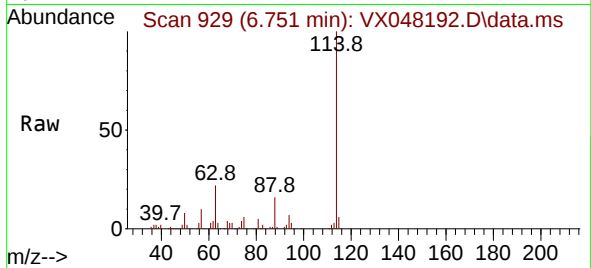




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048192.D
Acq: 15 Oct 2025 15:38

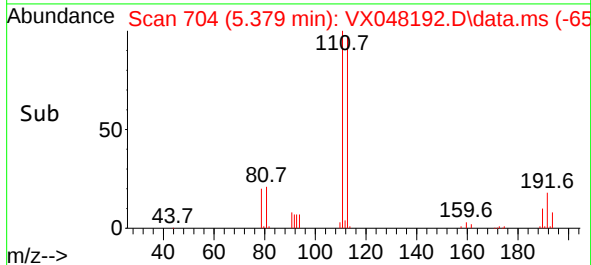
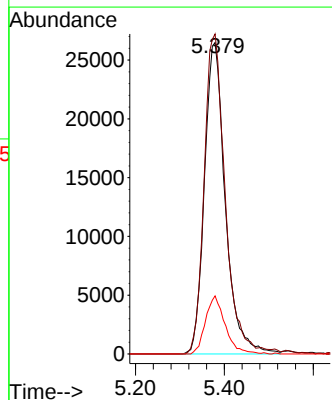
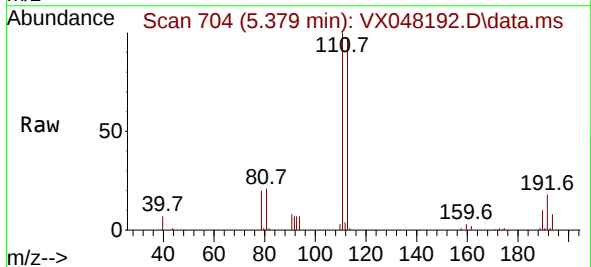
Instrument :
MSVOA_X
ClientSampleId :
WCS-TP2

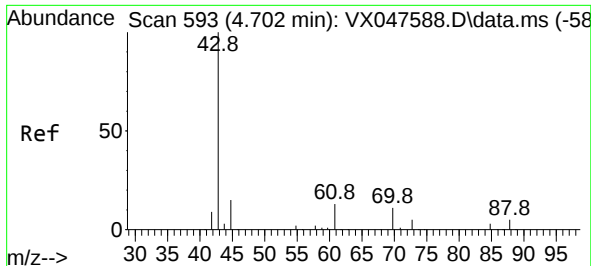
Tgt Ion:114 Resp: 250641
Ion Ratio Lower Upper
114 100
63 21.5 0.0 44.0
88 15.5 0.0 34.2



#35
Dibromofluoromethane
Concen: 51.491 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048192.D
Acq: 15 Oct 2025 15:38

Tgt Ion:113 Resp: 86553
Ion Ratio Lower Upper
113 100
111 103.9 80.9 121.3
192 17.6 14.2 21.4





#37

Ethyl Acetate

Concen: 1.562 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.024 min

Lab File: VX048192.D

Acq: 15 Oct 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

WCS-TP2

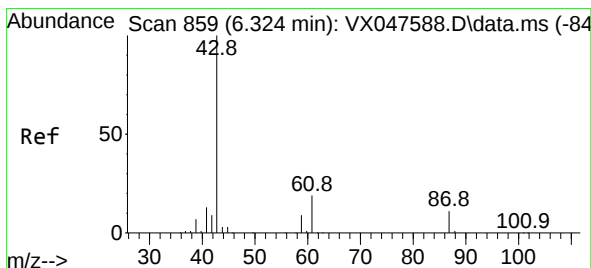
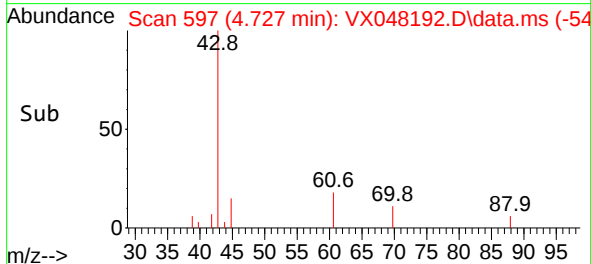
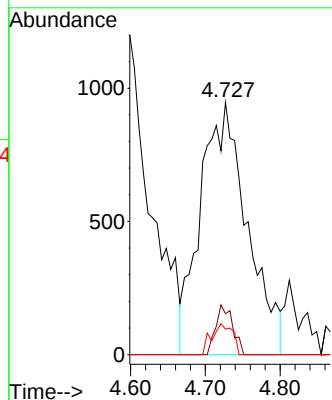
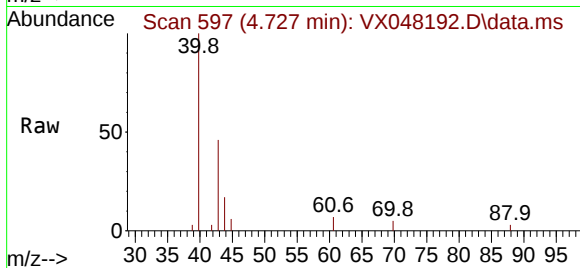
Tgt Ion: 43 Resp: 4108

Ion Ratio Lower Upper

43 100

61 7.2 9.8 14.8#

70 5.5 7.9 11.9#



#43

Isopropyl Acetate

Concen: 2.037 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.018 min

Lab File: VX048192.D

Acq: 15 Oct 2025 15:38

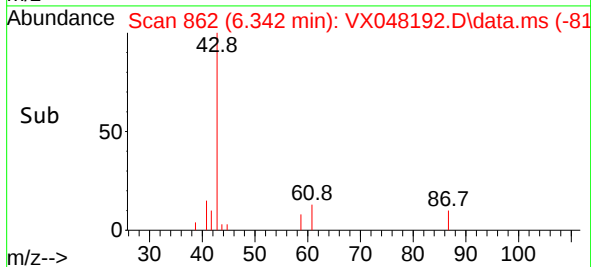
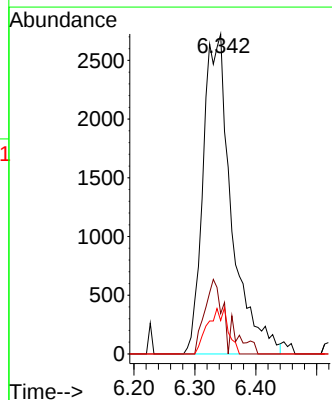
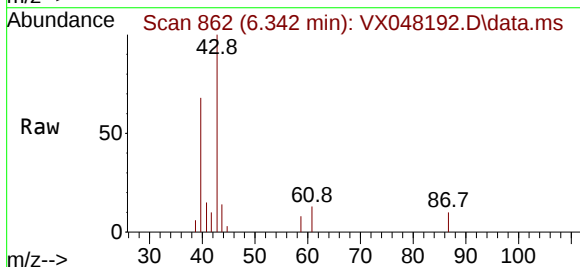
Tgt Ion: 43 Resp: 8787

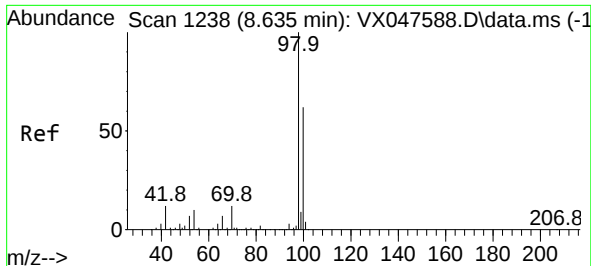
Ion Ratio Lower Upper

43 100

61 14.1 15.2 22.8#

87 10.3 9.6 14.4

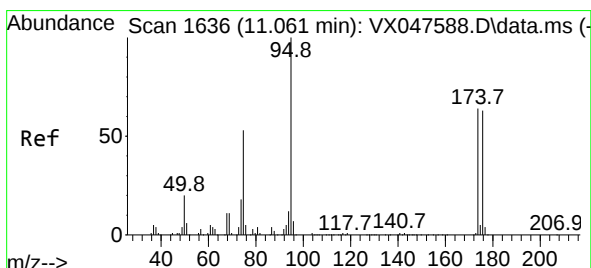
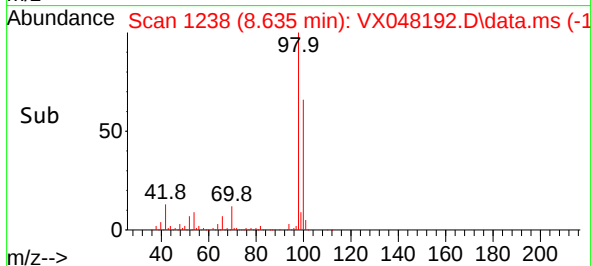
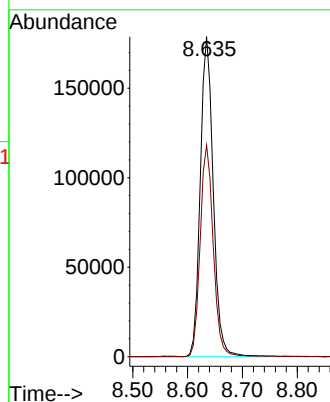
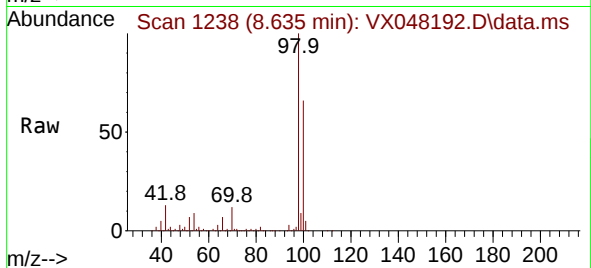




#50
Toluene-d8
Concen: 50.585 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048192.D
Acq: 15 Oct 2025 15:38

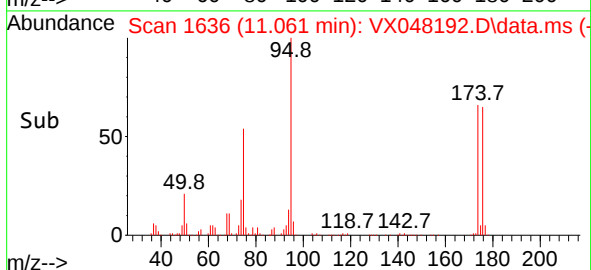
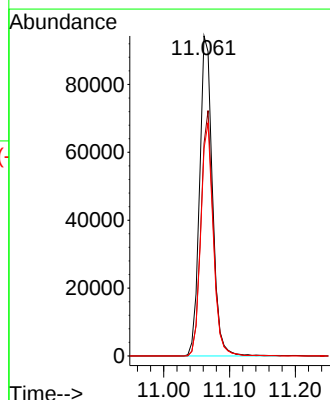
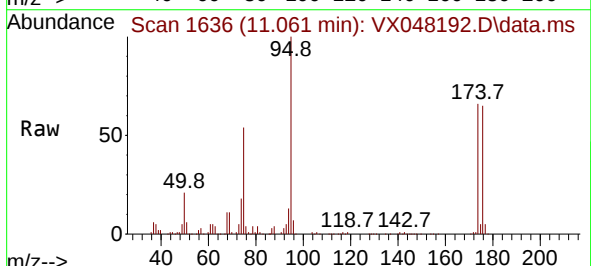
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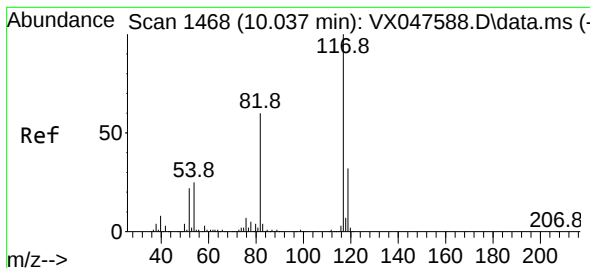
Tgt Ion: 98 Resp: 294220
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 57.952 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048192.D
Acq: 15 Oct 2025 15:38

Tgt Ion: 95 Resp: 127925
Ion Ratio Lower Upper
95 100
174 74.0 0.0 141.6
176 70.9 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: VX048192.D

Acq: 15 Oct 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

WCS-TP2

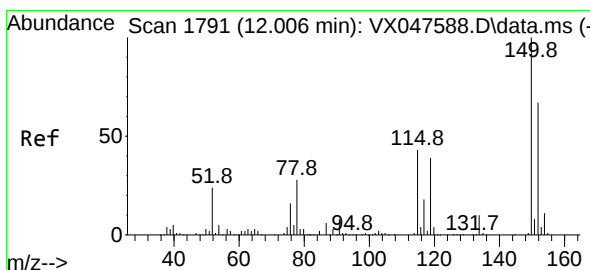
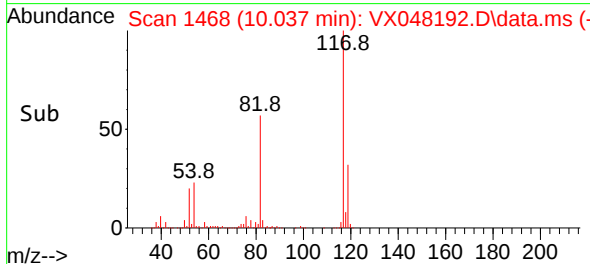
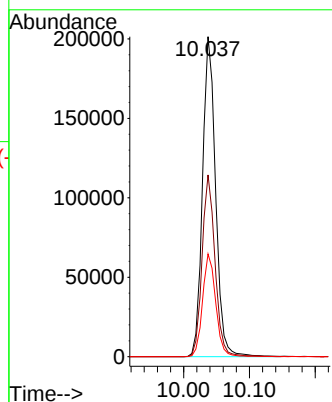
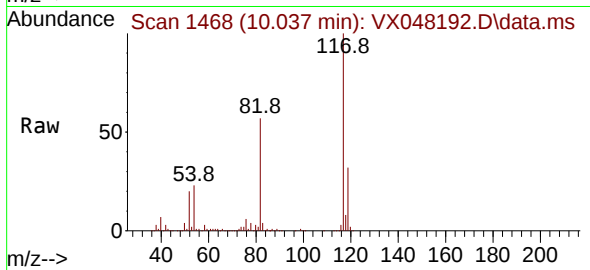
Tgt Ion:117 Resp: 278464

Ion Ratio Lower Upper

117 100

82 56.8 47.8 71.6

119 32.1 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: VX048192.D

Acq: 15 Oct 2025 15:38

Tgt Ion:152 Resp: 139994

Ion Ratio Lower Upper

152 100

115 61.4 44.9 134.5

150 155.3 0.0 352.0

