

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112125\
 Data File : VX048649.D
 Acq On : 21 Nov 2025 12:17
 Operator : JC/MD
 Sample : Q3678-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMPOSITE-STONE

Quant Time: Nov 21 22:12:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

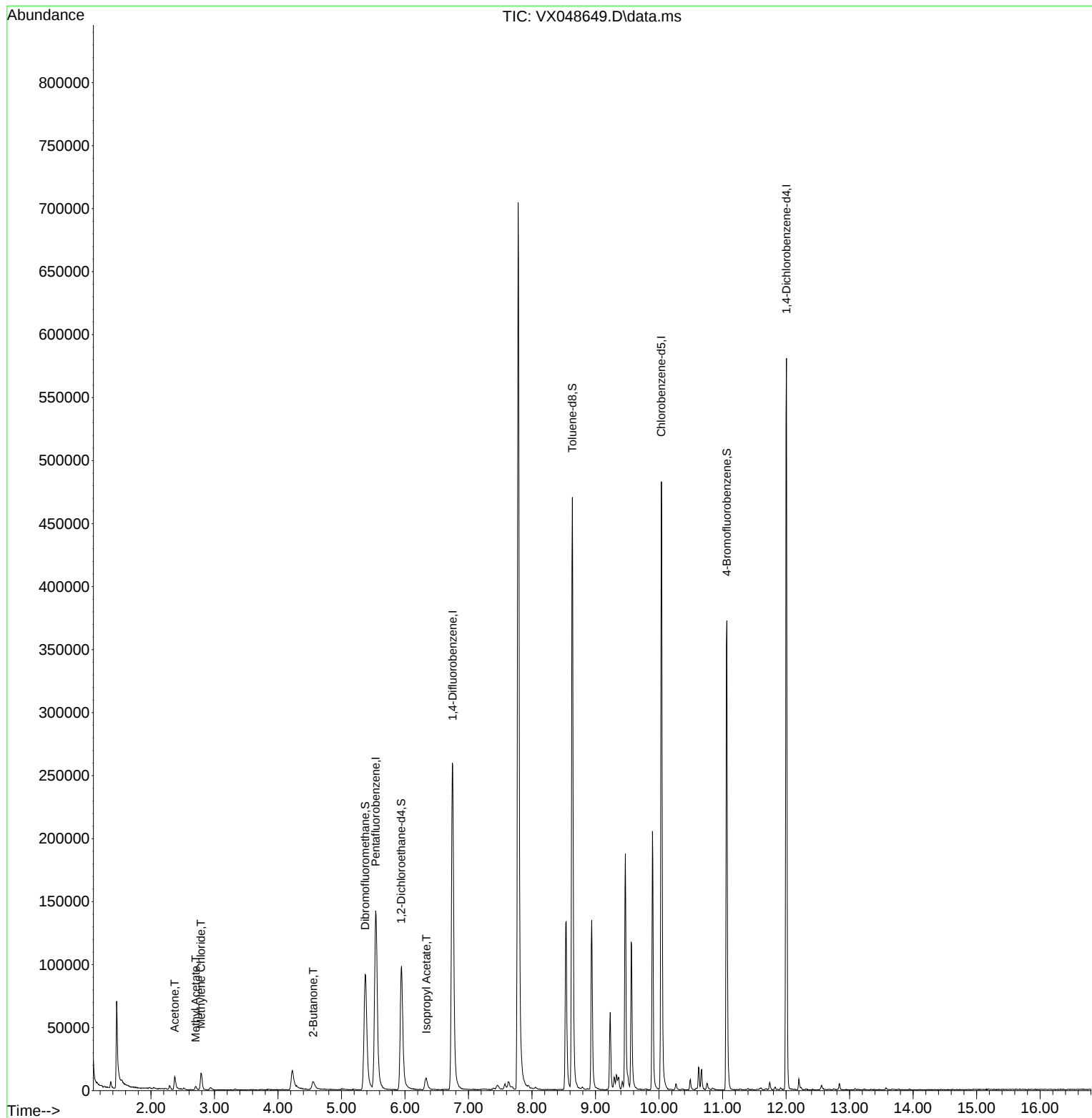
Internal Standards						
1) Pentafluorobenzene	5.538	168	144197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	291120	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	225077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	122088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	108895	54.196	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.400%
35) Dibromofluoromethane	5.373	113	92585	42.020	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	84.040%
50) Toluene-d8	8.635	98	295320	42.975	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	85.940%#
62) 4-Bromofluorobenzene	11.067	95	99276	38.765	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	77.540%#
Target Compounds						
						Qvalue
16) Acetone	2.373	43	14230	14.962	ug/l	94
18) Methyl Acetate	2.703	43	3705	1.418	ug/l #	86
20) Methylene Chloride	2.788	84	6520	3.334	ug/l #	90
25) 2-Butanone	4.556	43	12588	8.947	ug/l	95
43) Isopropyl Acetate	6.336	43	14850	2.544	ug/l	97

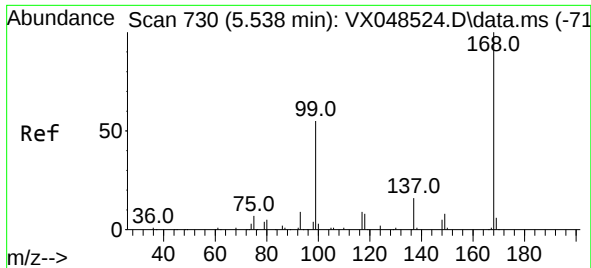
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
COMPOSITE-STONE

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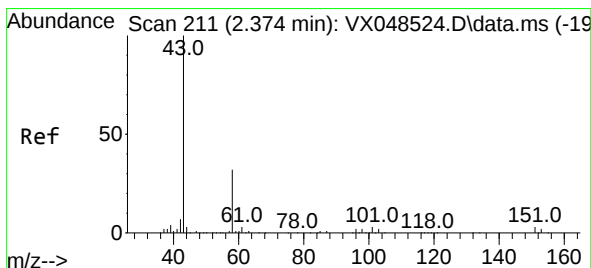
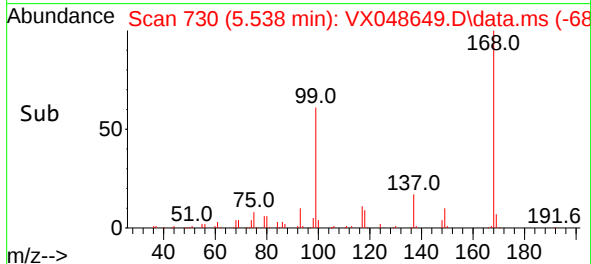
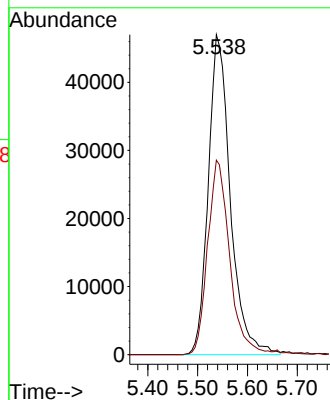
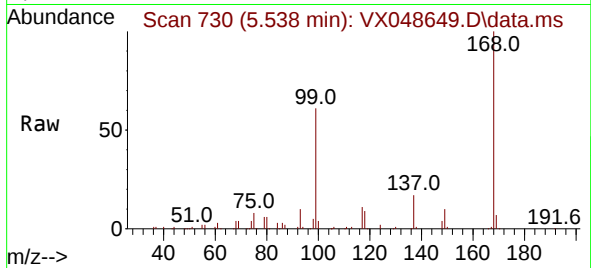




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.000 min
Lab File: VX048649.D
Acq: 21 Nov 2025 12:17

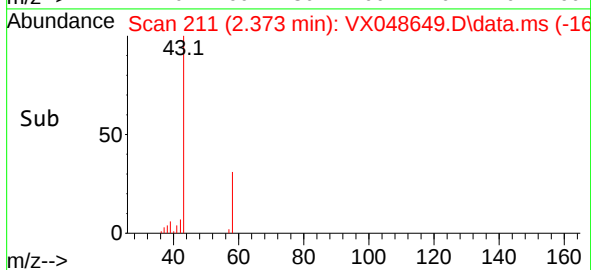
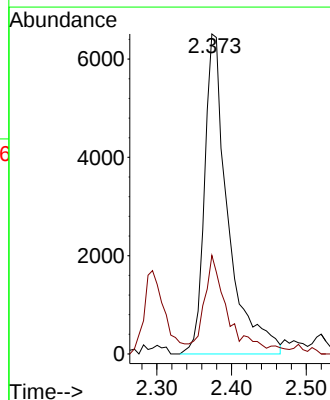
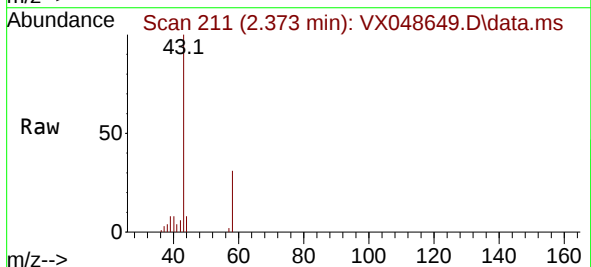
Instrument :
MSVOA_X
ClientSampleId :
COMPOSITE-STONE

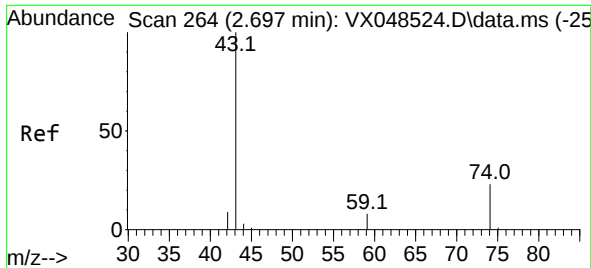
Tgt Ion:168 Resp: 144197
Ion Ratio Lower Upper
168 100
99 60.8 45.2 67.8



#16
Acetone
Concen: 14.962 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048649.D
Acq: 21 Nov 2025 12:17

Tgt Ion: 43 Resp: 14230
Ion Ratio Lower Upper
43 100
58 28.9 25.8 38.6

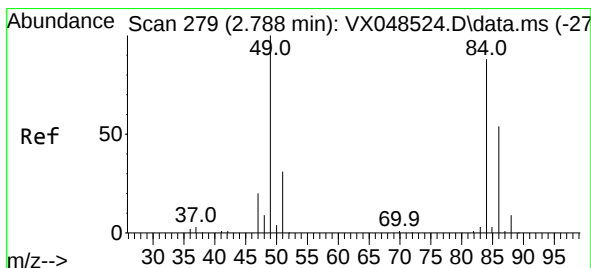
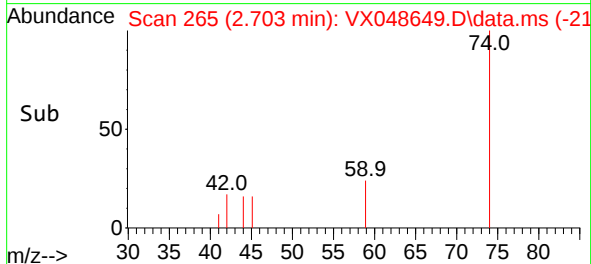
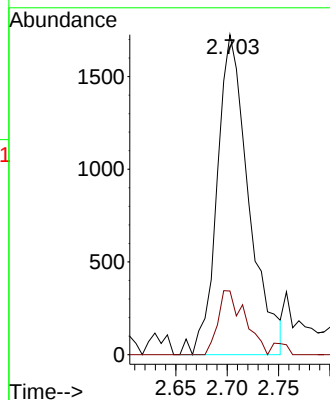
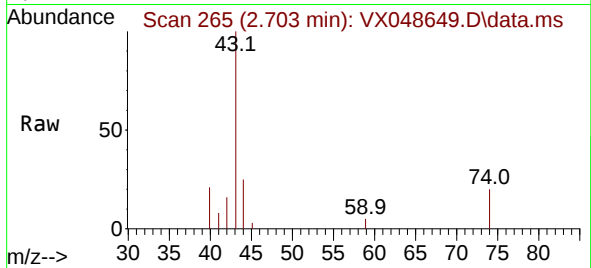




#18
Methyl Acetate
Concen: 1.418 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX048649.D
Acq: 21 Nov 2025 12:17

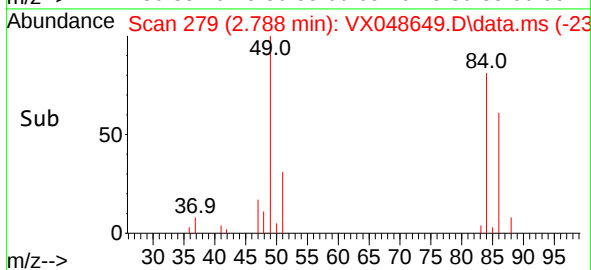
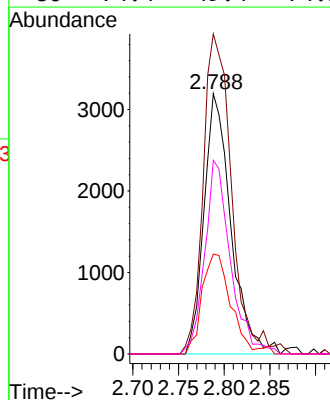
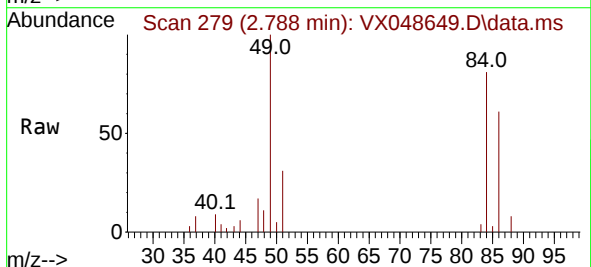
Instrument :
MSVOA_X
ClientSampleId :
COMPOSITE-STONE

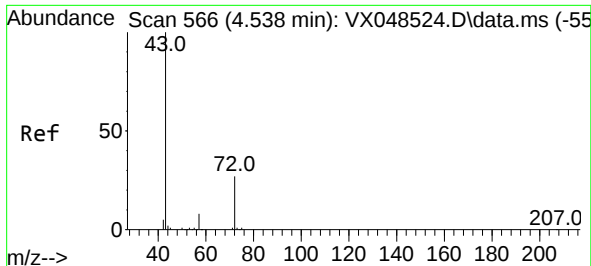
Tgt Ion: 43 Resp: 3705
Ion Ratio Lower Upper
43 100
74 17.0 19.1 28.7#



#20
Methylene Chloride
Concen: 3.334 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048649.D
Acq: 21 Nov 2025 12:17

Tgt Ion: 84 Resp: 6520
Ion Ratio Lower Upper
84 100
49 122.9 91.2 136.8
51 38.4 28.3 42.5
86 74.4 49.4 74.2#

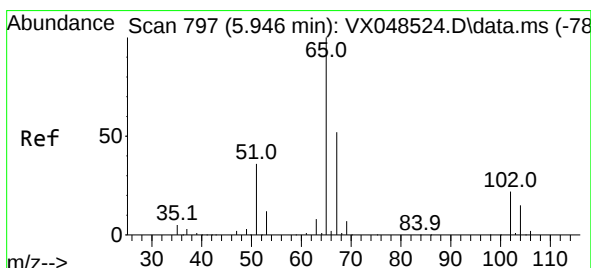
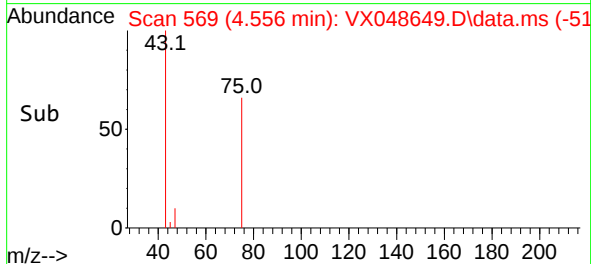
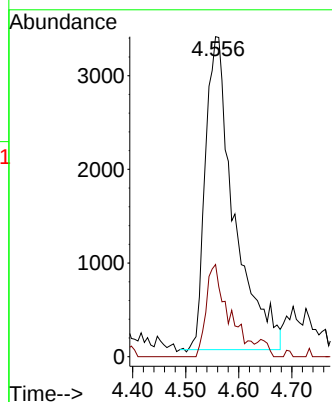
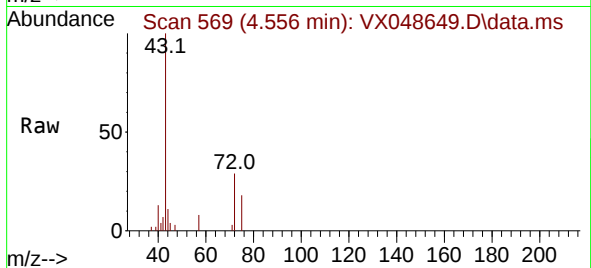




#25
2-Butanone
Concen: 8.947 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.018 min
Lab File: VX048649.D
Acq: 21 Nov 2025 12:17

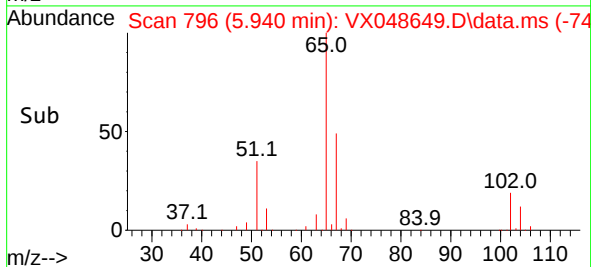
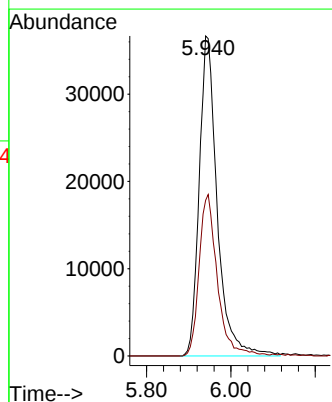
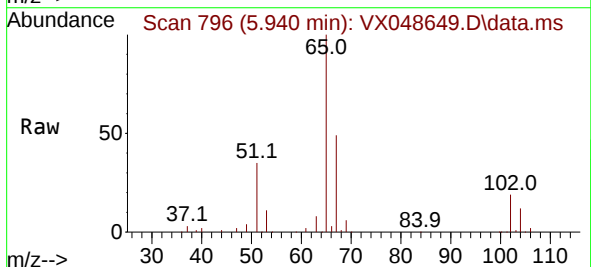
Instrument :
MSVOA_X
ClientSampleId :
COMPOSITE-STONE

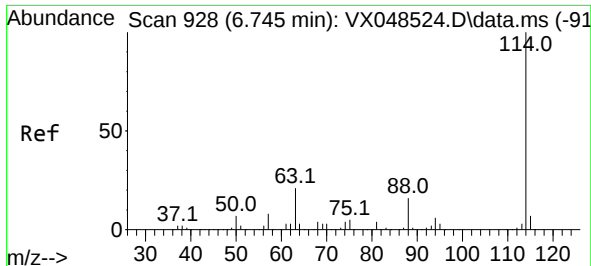
Tgt Ion: 43 Resp: 12588
Ion Ratio Lower Upper
43 100
72 29.5 21.5 32.3



#33
1,2-Dichloroethane-d4
Concen: 54.196 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048649.D
Acq: 21 Nov 2025 12:17

Tgt Ion: 65 Resp: 108895
Ion Ratio Lower Upper
65 100
67 51.1 0.0 106.2

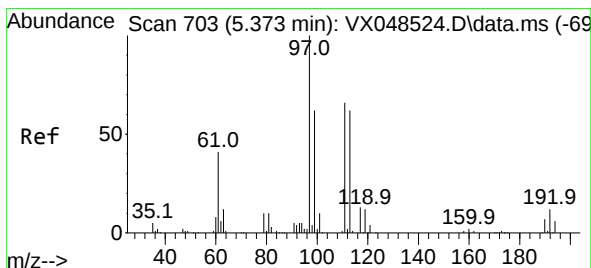
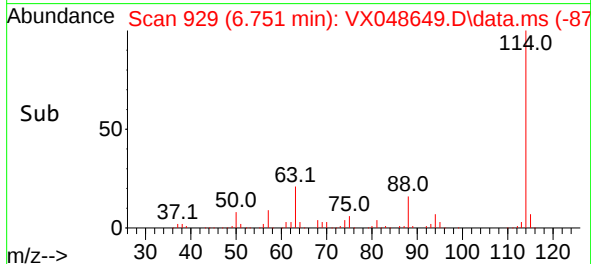
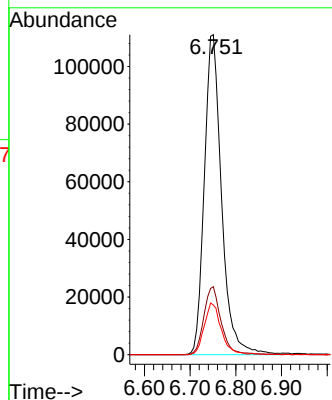
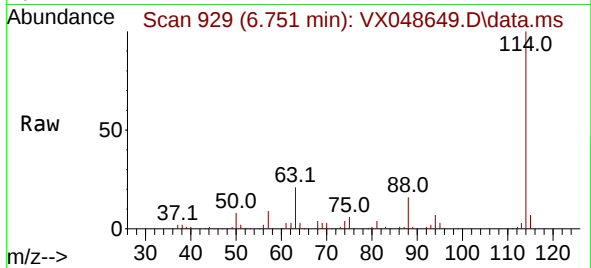




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX048649.D
Acq: 21 Nov 2025 12:17

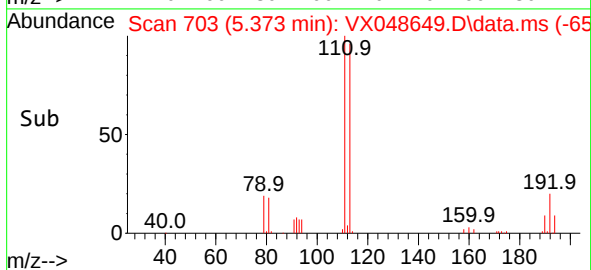
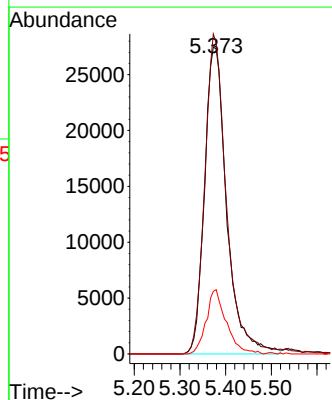
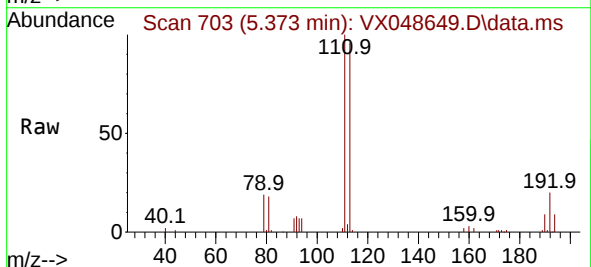
Instrument :
MSVOA_X
ClientSampleId :
COMPOSITE-STONE

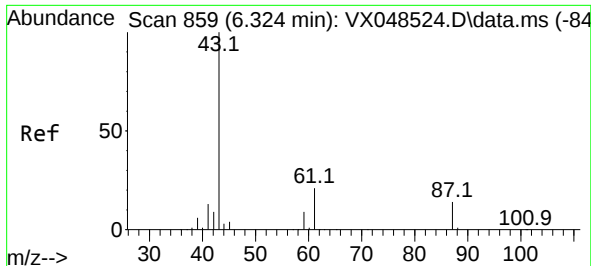
Tgt Ion:114 Resp: 291120
Ion Ratio Lower Upper
114 100
63 21.3 0.0 41.2
88 15.5 0.0 32.2



#35
Dibromofluoromethane
Concen: 42.020 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048649.D
Acq: 21 Nov 2025 12:17

Tgt Ion:113 Resp: 92585
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 19.0 15.8 23.6

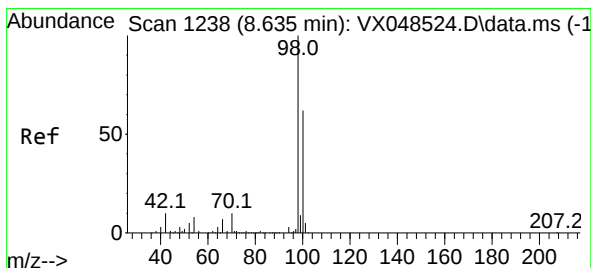
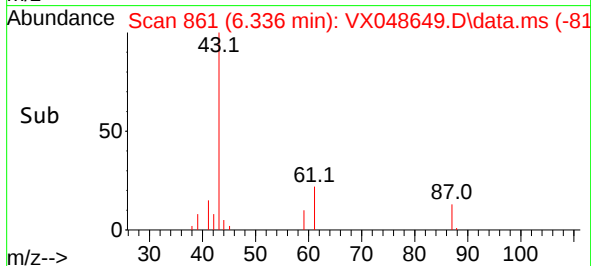
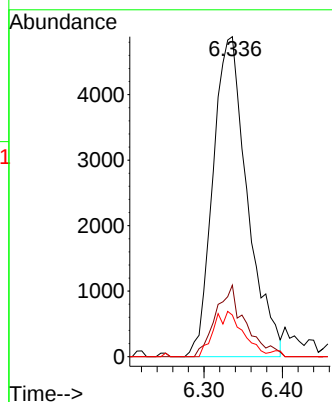
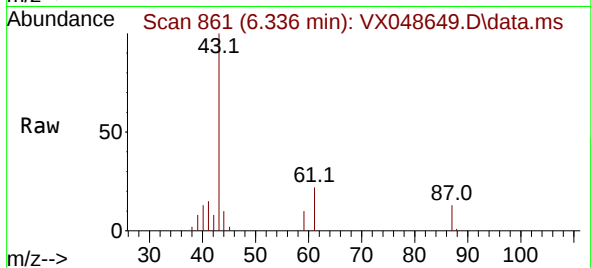




#43
Isopropyl Acetate
Concen: 2.544 ug/l
RT: 6.336 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX048649.D
Acq: 21 Nov 2025 12:17

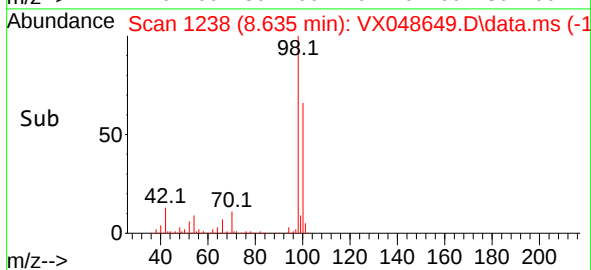
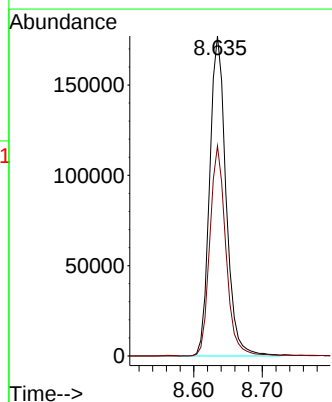
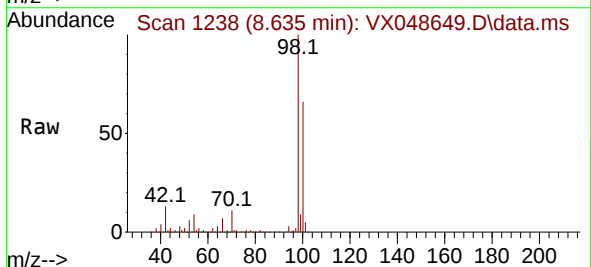
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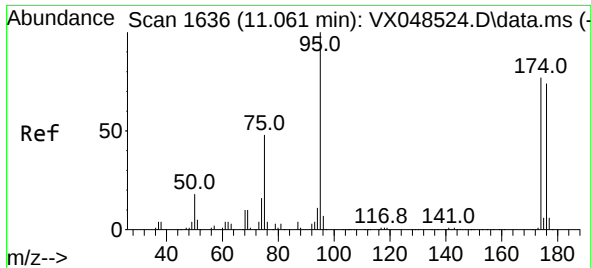
Tgt Ion: 43 Resp: 14850
Ion Ratio Lower Upper
43 100
61 19.3 16.2 24.4
87 12.1 10.9 16.3



#50
Toluene-d8
Concen: 42.975 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048649.D
Acq: 21 Nov 2025 12:17

Tgt Ion: 98 Resp: 295320
Ion Ratio Lower Upper
98 100
100 64.1 53.6 80.4

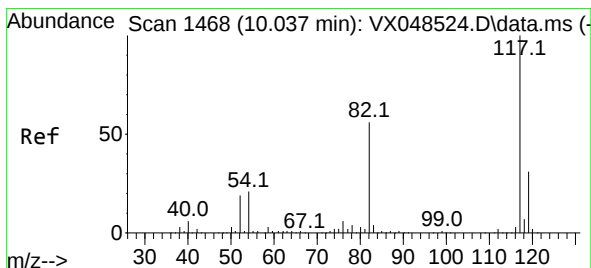
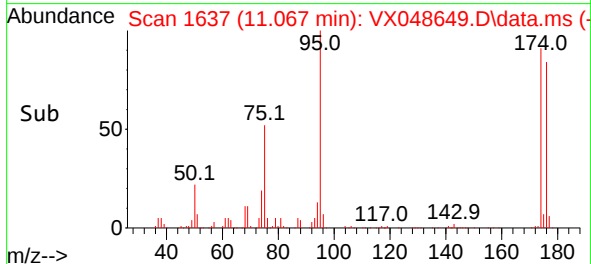
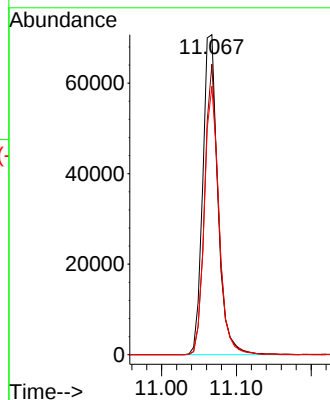
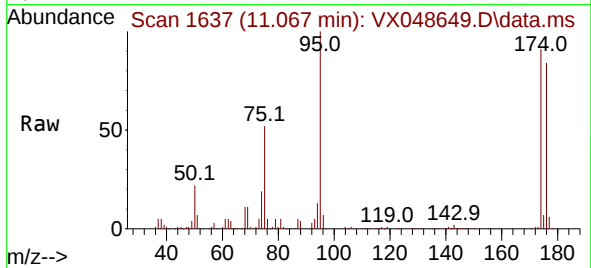




#62
4-Bromofluorobenzene
Concen: 38.765 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048649.D
Acq: 21 Nov 2025 12:17

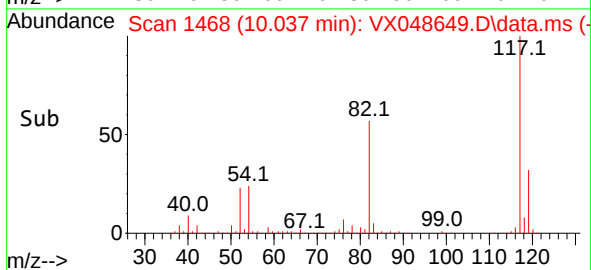
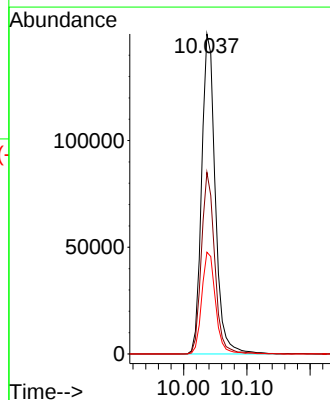
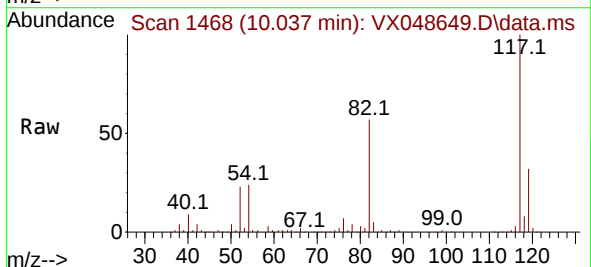
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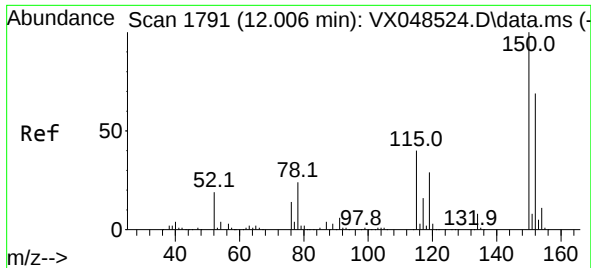
Tgt Ion: 95 Resp: 99276
Ion Ratio Lower Upper
95 100
174 84.0 0.0 161.8
176 81.2 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048649.D
Acq: 21 Nov 2025 12:17

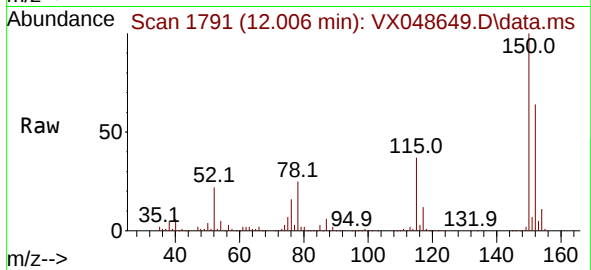
Tgt Ion: 117 Resp: 225077
Ion Ratio Lower Upper
117 100
82 56.8 44.4 66.6
119 31.8 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048649.D
 Acq: 21 Nov 2025 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 COMPOSITE-STONE



Tgt Ion:152 Resp: 122088
 Ion Ratio Lower Upper
 152 100
 115 58.5 39.2 117.6
 150 155.9 0.0 347.0

