

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032725\
 Data File : VX045476.D
 Acq On : 27 Mar 2025 14:50
 Operator : JC/MD
 Sample : P167330TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P167330TB

Quant Time: Mar 28 06:48:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

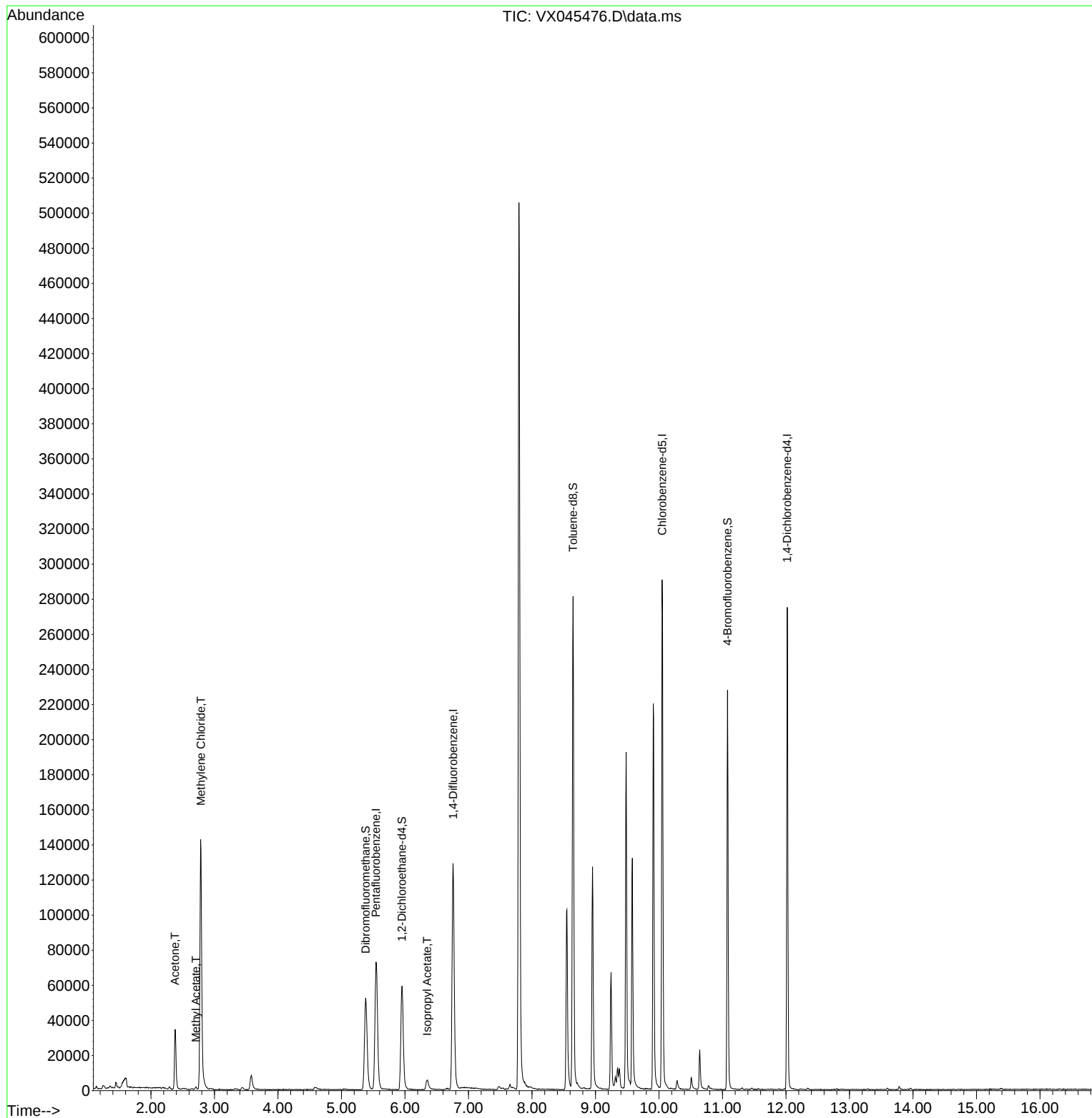
Internal Standards						
1) Pentafluorobenzene	5.544	168	63934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	123063	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	118106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59038	58.053	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	116.100%	
35) Dibromofluoromethane	5.379	113	45592	55.405	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	110.800%	
50) Toluene-d8	8.647	98	158312	53.067	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	106.140%	
62) 4-Bromofluorobenzene	11.079	95	57377	58.041	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	116.080%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	37970	80.472	ug/l	97
18) Methyl Acetate	2.709	43	1928	1.699	ug/l	99
20) Methylene Chloride	2.788	84	65312	69.878	ug/l	98
43) Isopropyl Acetate	6.349	43	8941	4.158	ug/l #	83

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

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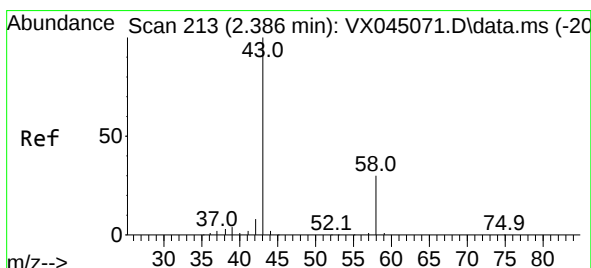
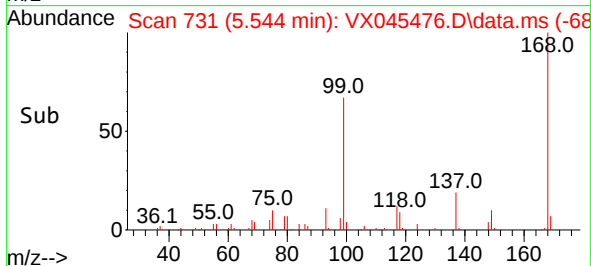
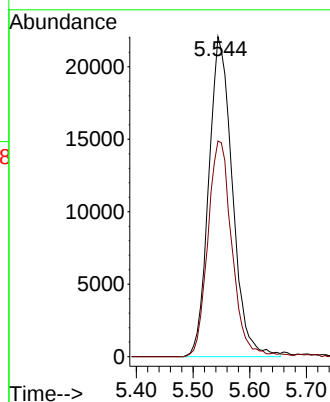
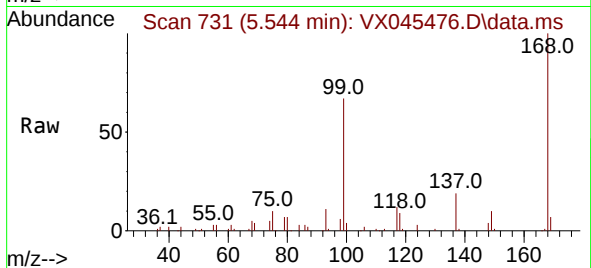




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045476.D
Acq: 27 Mar 2025 14:50

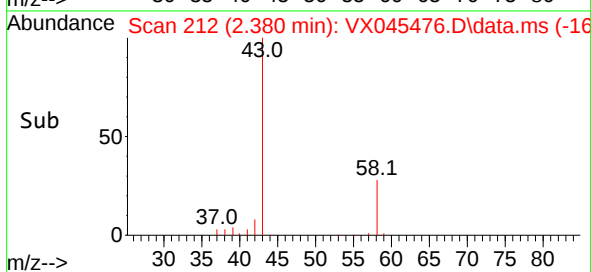
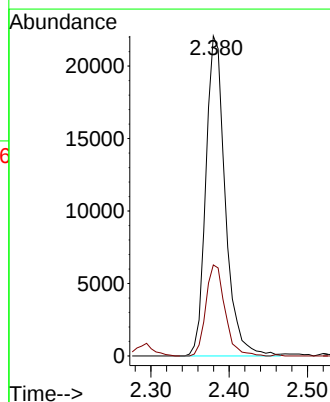
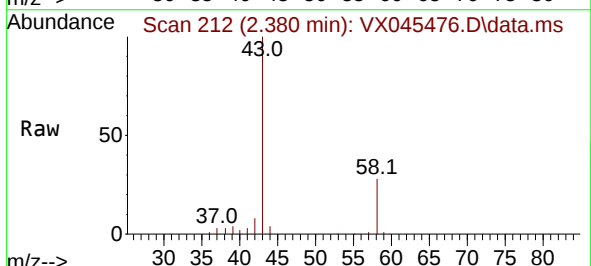
Instrument :
MSVOA_X
ClientSampleId :
P167330TB

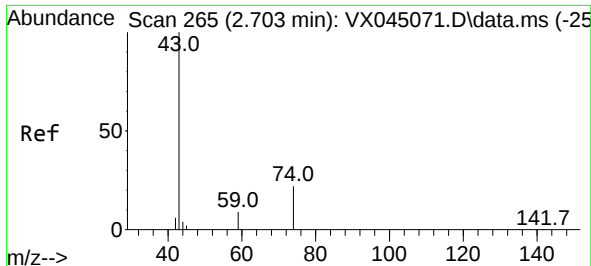
Tgt Ion:168 Resp: 63934
Ion Ratio Lower Upper
168 100
99 67.4 48.2 72.4



#16
Acetone
Concen: 80.472 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045476.D
Acq: 27 Mar 2025 14:50

Tgt Ion: 43 Resp: 37970
Ion Ratio Lower Upper
43 100
58 28.4 24.2 36.4

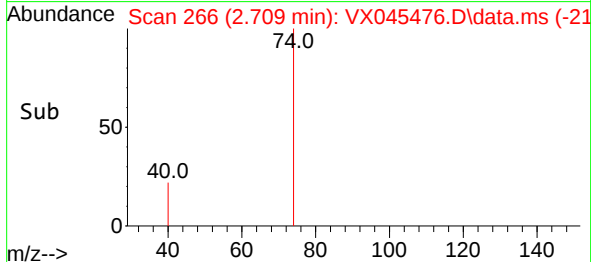
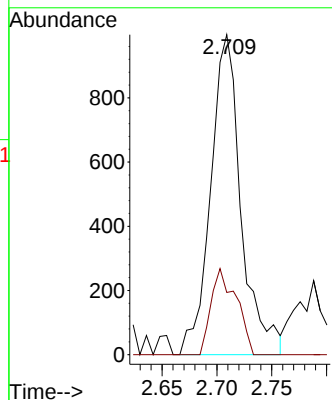
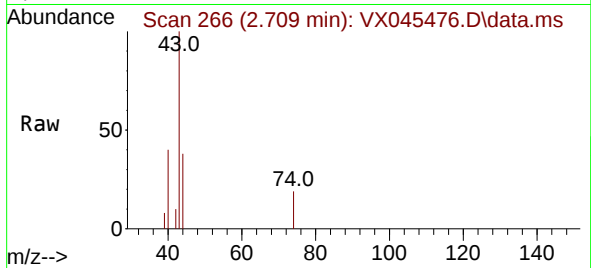




#18
Methyl Acetate
Concen: 1.699 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045476.D
Acq: 27 Mar 2025 14:50

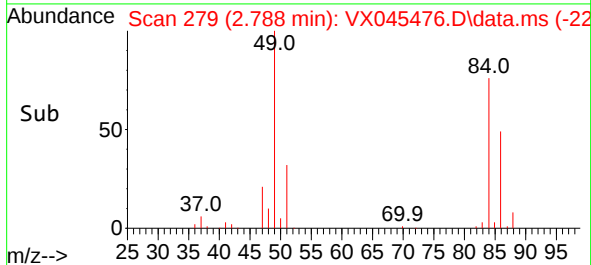
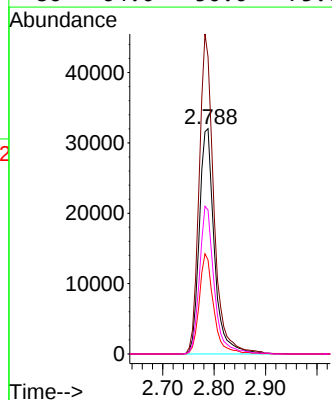
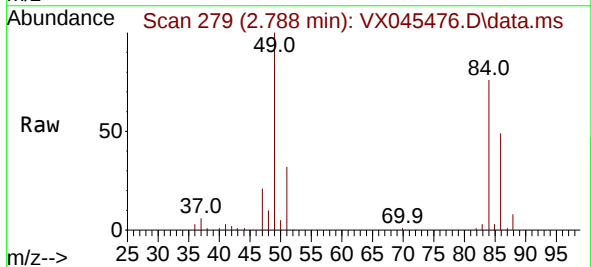
Instrument :
MSVOA_X
ClientSampleId :
P167330TB

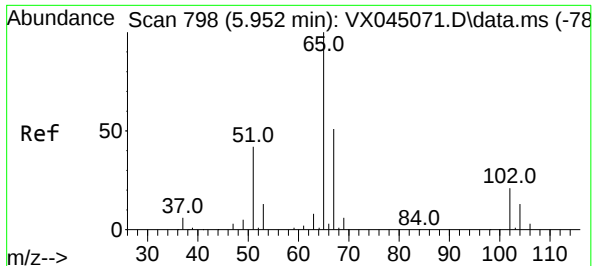
Tgt Ion: 43 Resp: 1928
Ion Ratio Lower Upper
43 100
74 22.4 17.4 26.2



#20
Methylene Chloride
Concen: 69.878 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045476.D
Acq: 27 Mar 2025 14:50

Tgt Ion: 84 Resp: 65312
Ion Ratio Lower Upper
84 100
49 131.8 106.5 159.7
51 41.7 32.1 48.1
86 64.0 50.0 75.0





#33

1,2-Dichloroethane-d4

Concen: 58.053 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045476.D

Acq: 27 Mar 2025 14:50

Instrument :

MSVOA_X

ClientSampleId :

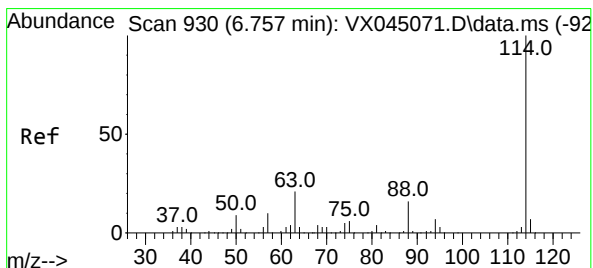
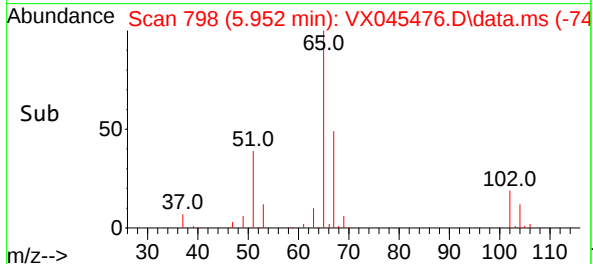
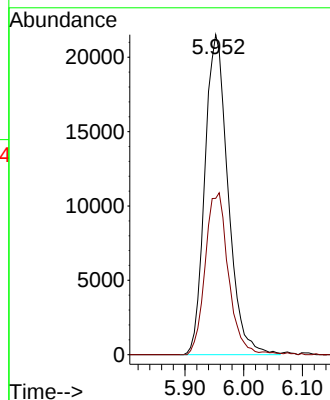
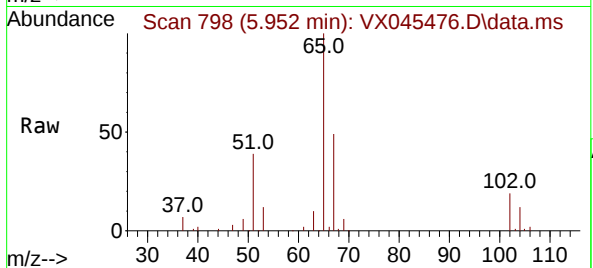
P167330TB

Tgt Ion: 65 Resp: 59038

Ion Ratio Lower Upper

65 100

67 50.8 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045476.D

Acq: 27 Mar 2025 14:50

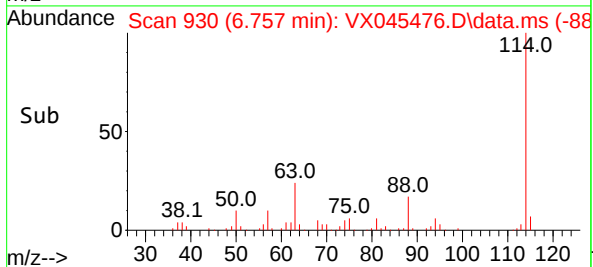
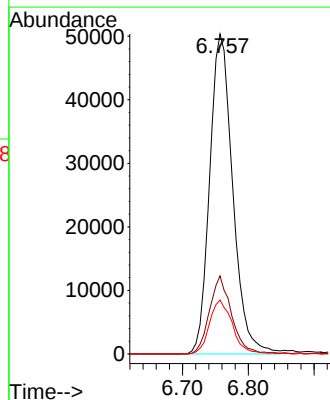
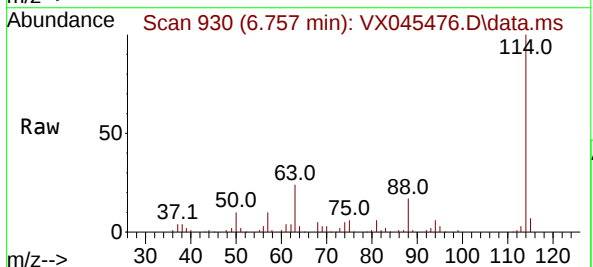
Tgt Ion: 114 Resp: 123063

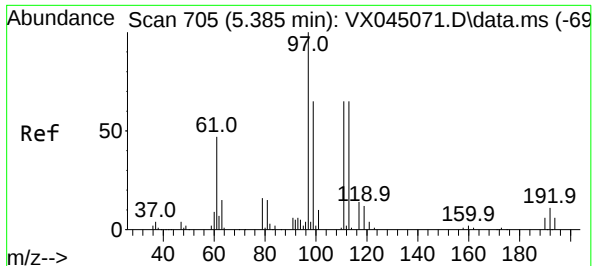
Ion Ratio Lower Upper

114 100

63 24.4 0.0 41.8

88 16.8 0.0 32.8

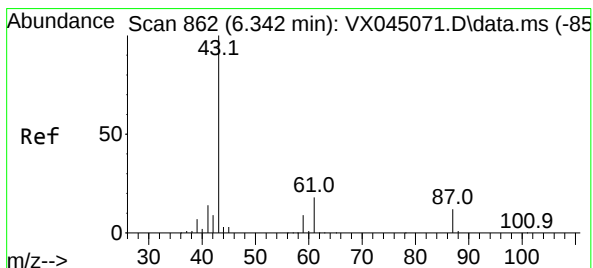
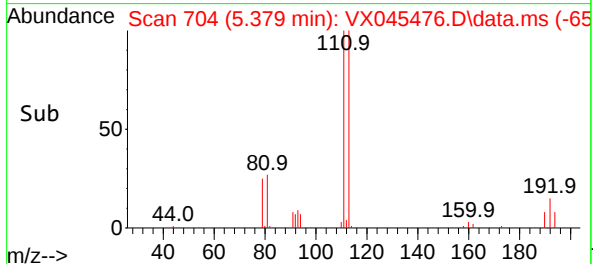
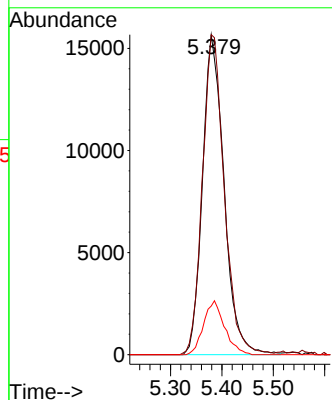
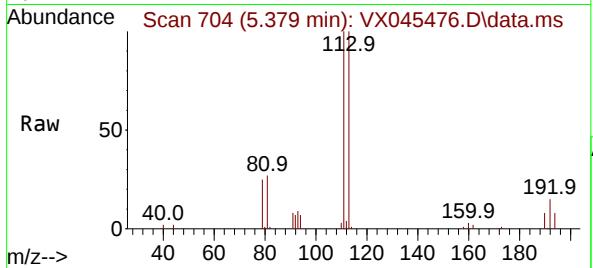




#35
Dibromofluoromethane
Concen: 55.405 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045476.D
Acq: 27 Mar 2025 14:50

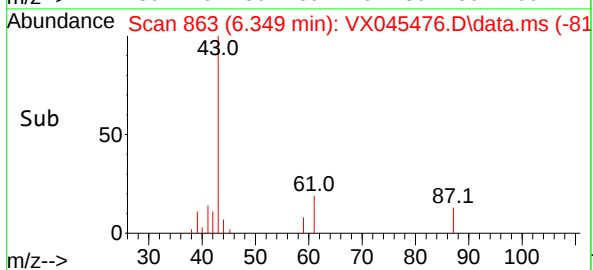
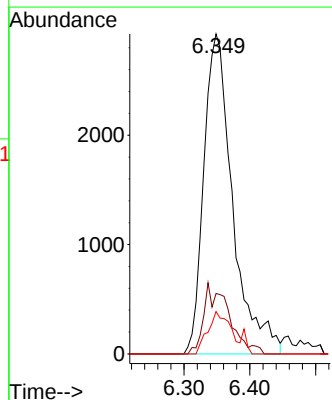
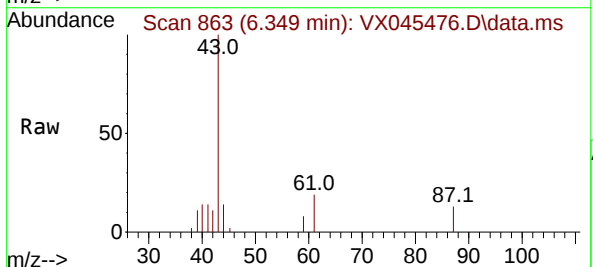
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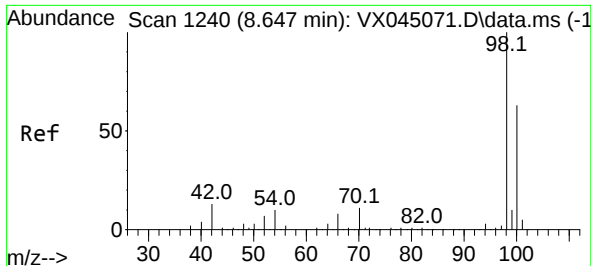
Tgt Ion:113 Resp: 45592
Ion Ratio Lower Upper
113 100
111 101.2 81.8 122.6
192 16.5 14.3 21.5



#43
Isopropyl Acetate
Concen: 4.158 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX045476.D
Acq: 27 Mar 2025 14:50

Tgt Ion: 43 Resp: 8941
Ion Ratio Lower Upper
43 100
61 7.0 14.9 22.3#
87 10.3 9.4 14.2

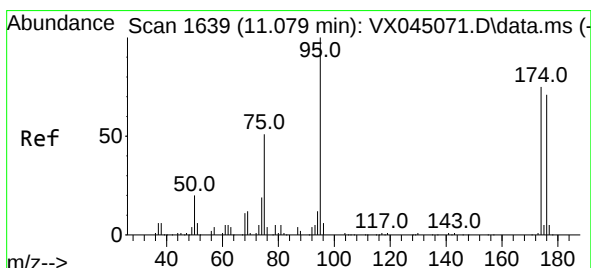
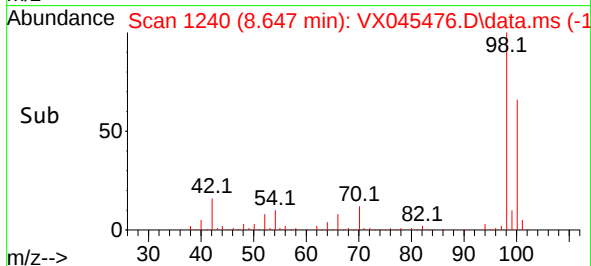
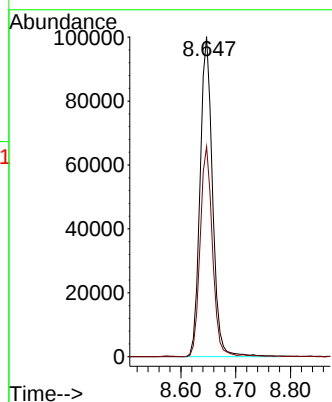
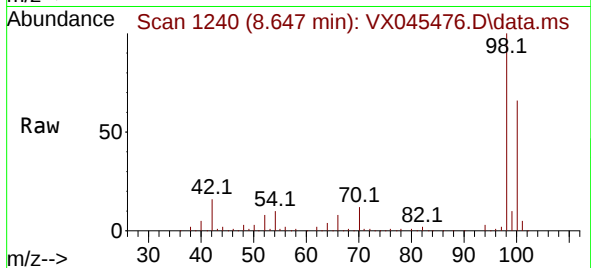




#50
Toluene-d8
Concen: 53.067 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045476.D
Acq: 27 Mar 2025 14:50

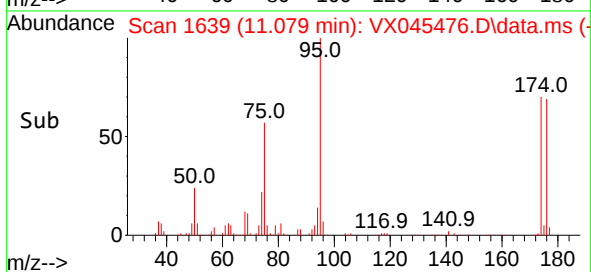
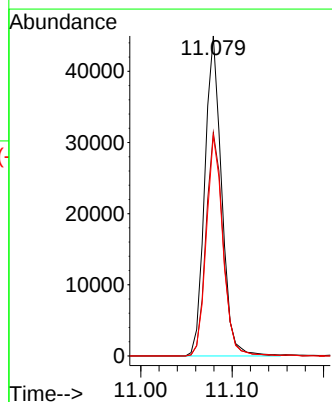
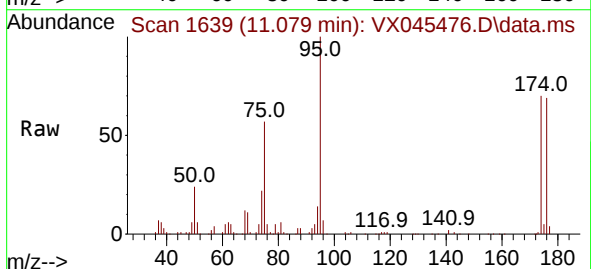
Instrument :
MSVOA_X
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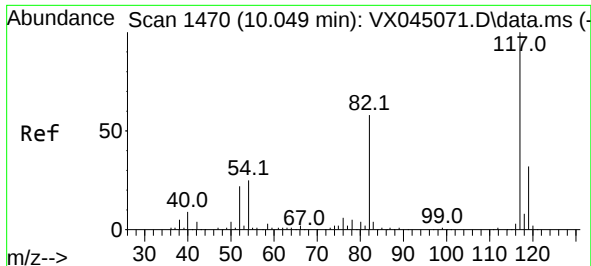
Tgt Ion: 98 Resp: 158312
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 58.041 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045476.D
Acq: 27 Mar 2025 14:50

Tgt Ion: 95 Resp: 57377
Ion Ratio Lower Upper
95 100
174 70.4 0.0 148.2
176 67.7 0.0 141.4

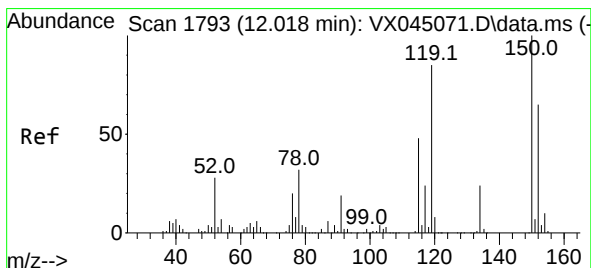
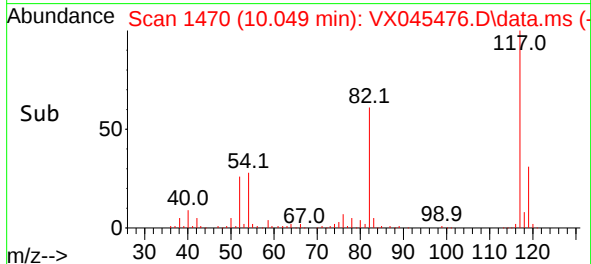
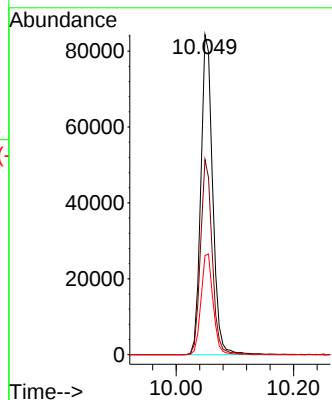
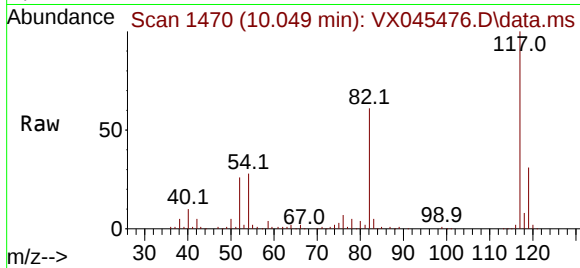




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045476.D
Acq: 27 Mar 2025 14:50

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 118106
Ion Ratio Lower Upper
117 100
82 61.0 46.3 69.5
119 31.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045476.D
Acq: 27 Mar 2025 14:50

Tgt Ion:152 Resp: 49746
Ion Ratio Lower Upper
152 100
115 64.2 44.2 132.6
150 156.2 0.0 349.0

