

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040825\
 Data File : VX045645.D
 Acq On : 08 Apr 2025 12:28
 Operator : JC/MD
 Sample : Q1737-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RT3069

Quant Time: Apr 09 01:36:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

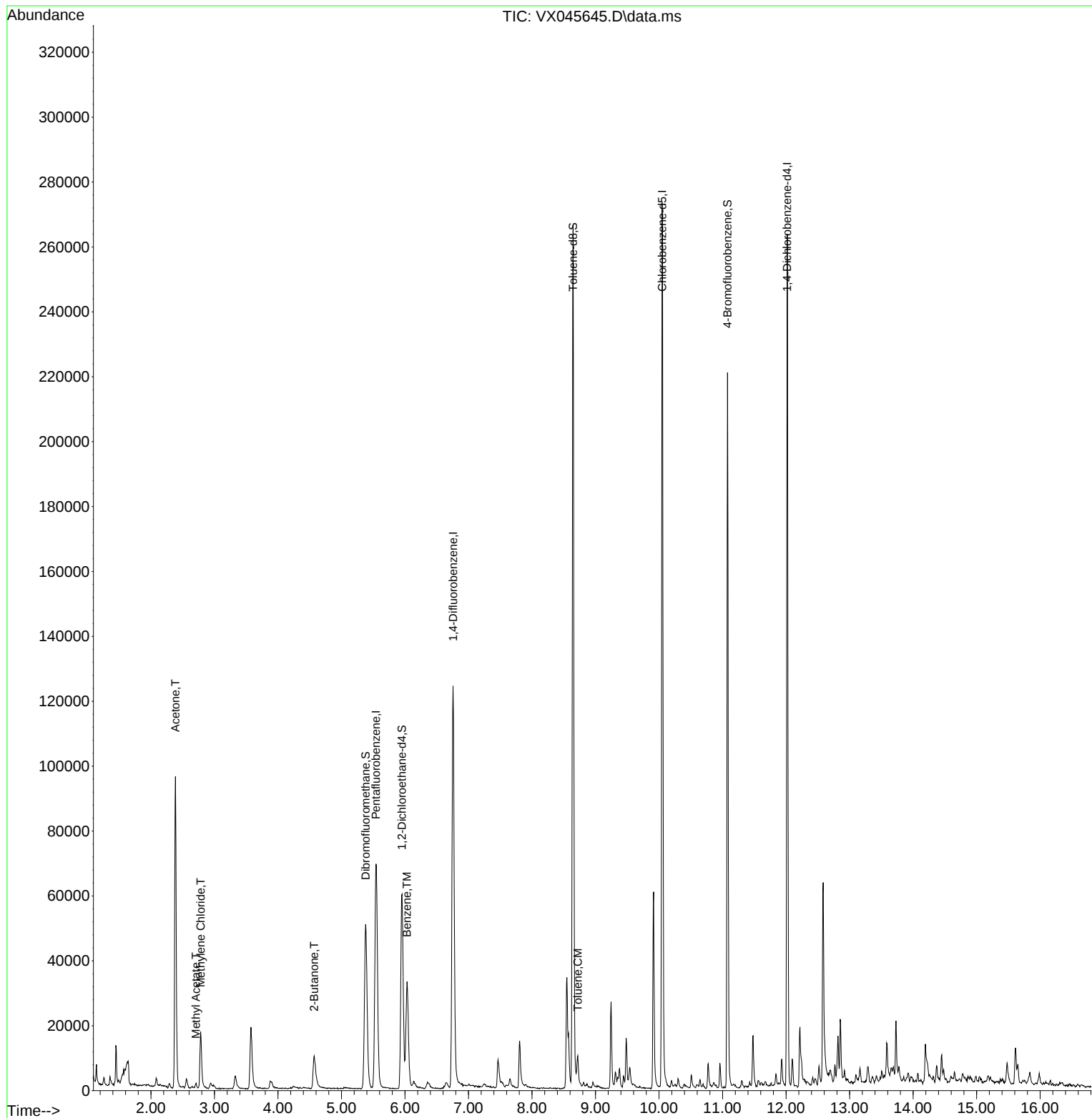
Internal Standards						
1) Pentafluorobenzene	5.544	168	60517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	117735	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	112767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61747	55.794	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.580%	
35) Dibromofluoromethane	5.379	113	43858	52.504	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.000%	
50) Toluene-d8	8.647	98	152623	52.346	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.700%	
62) 4-Bromofluorobenzene	11.079	95	56901	53.578	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.160%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	104893	230.817	ug/l	96
18) Methyl Acetate	2.709	43	2032	1.942	ug/l	96
20) Methylene Chloride	2.782	84	8550	10.050	ug/l	93
25) 2-Butanone	4.568	43	21068	31.671	ug/l	99
40) Benzene	6.031	78	38671	11.227	ug/l	97
52) Toluene	8.720	92	2758	1.323	ug/l	99

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

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QLast Update : Wed Apr 02 03:11:43 2025
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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.006 min

Lab File: VX045645.D

Acq: 08 Apr 2025 12:28

Instrument :

MSVOA_X

ClientSampleId :

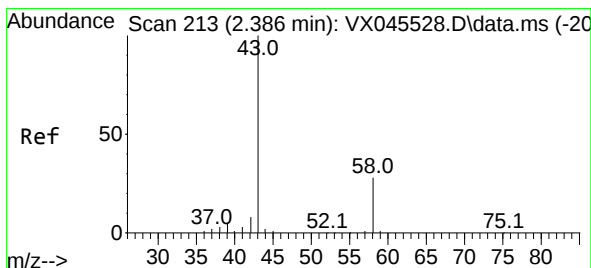
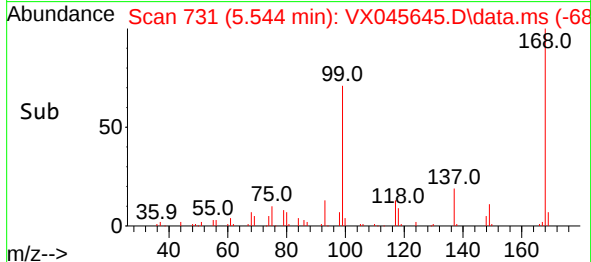
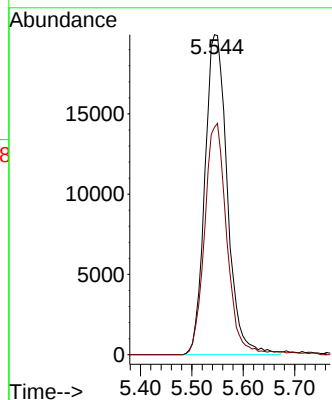
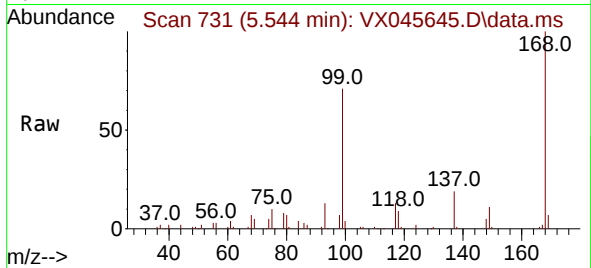
RT3069

Tgt Ion:168 Resp: 60517

Ion Ratio Lower Upper

168 100

99 71.1 52.3 78.5



#16

Acetone

Concen: 230.817 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX045645.D

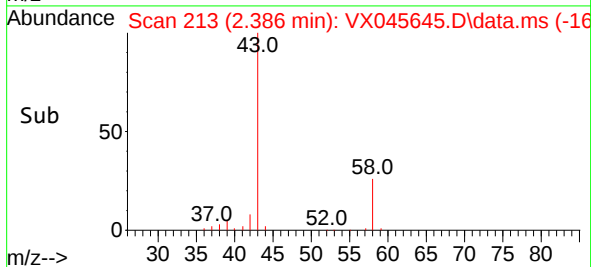
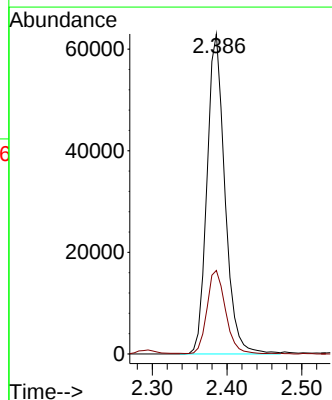
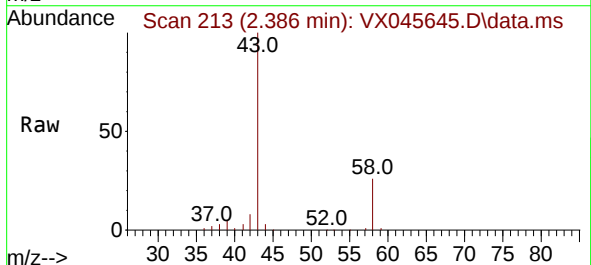
Acq: 08 Apr 2025 12:28

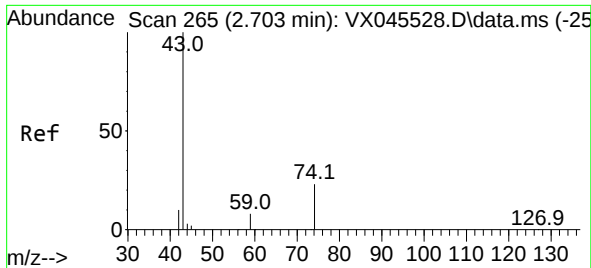
Tgt Ion: 43 Resp: 104893

Ion Ratio Lower Upper

43 100

58 25.9 22.3 33.5

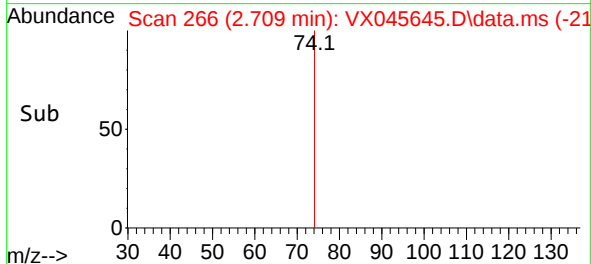
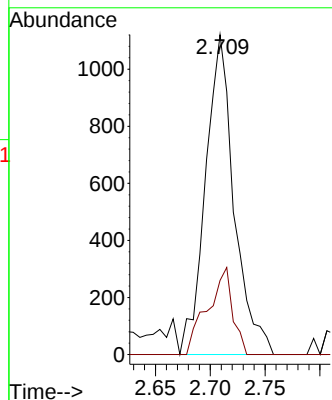
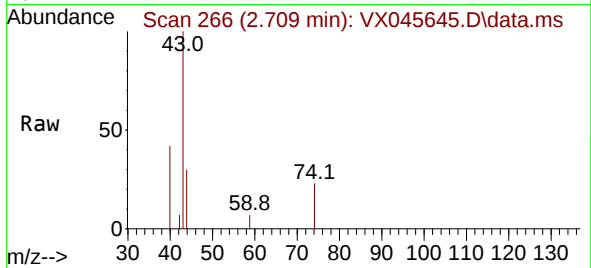




#18
Methyl Acetate
Concen: 1.942 ug/l
RT: 2.709 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VX045645.D
Acq: 08 Apr 2025 12:28

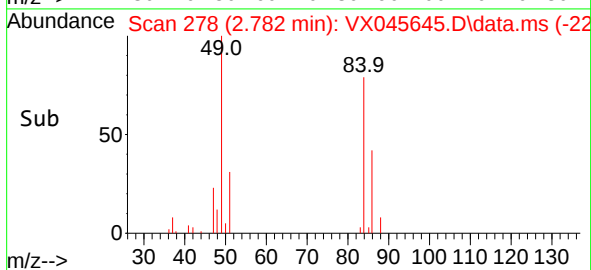
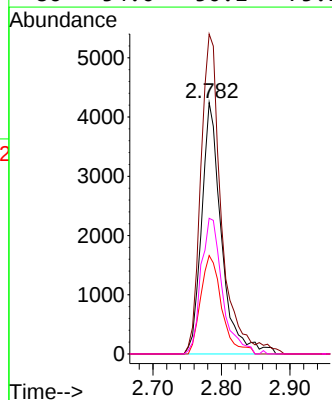
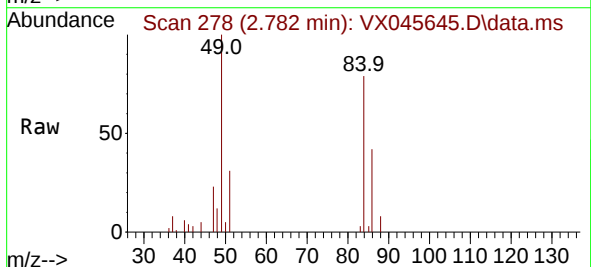
Instrument :
MSVOA_X
ClientSampleId :
RT3069

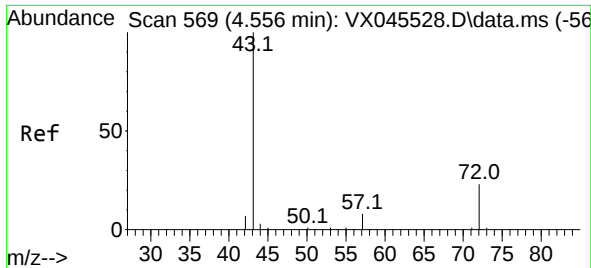
Tgt Ion: 43 Resp: 2032
Ion Ratio Lower Upper
43 100
74 23.8 17.5 26.3



#20
Methylene Chloride
Concen: 10.050 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045645.D
Acq: 08 Apr 2025 12:28

Tgt Ion: 84 Resp: 8550
Ion Ratio Lower Upper
84 100
49 127.3 107.5 161.3
51 39.2 33.0 49.6
86 54.0 50.1 75.1

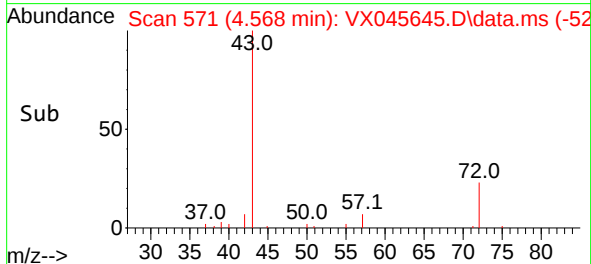
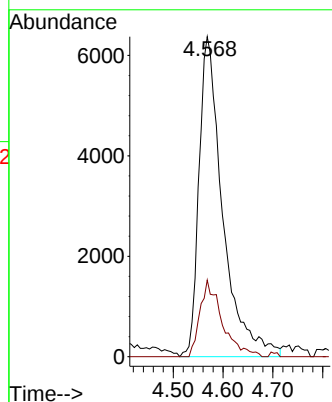
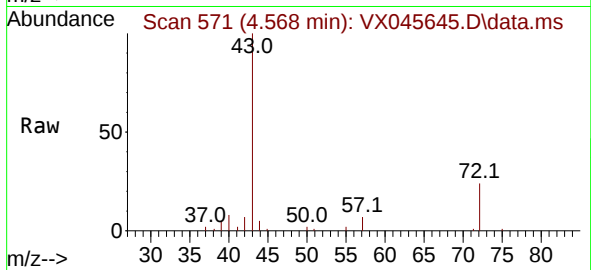




#25
2-Butanone
Concen: 31.671 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX045645.D
Acq: 08 Apr 2025 12:28

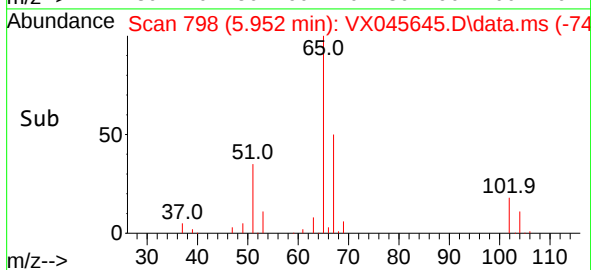
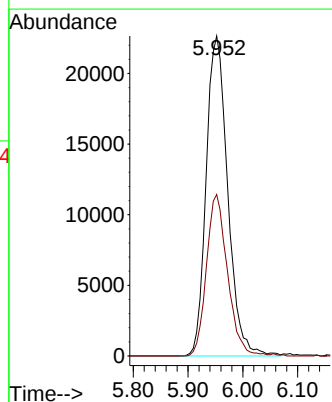
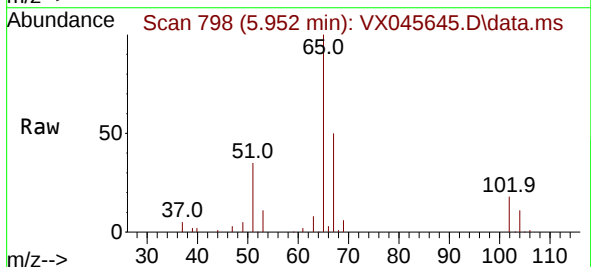
Instrument :
MSVOA_X
ClientSampleId :
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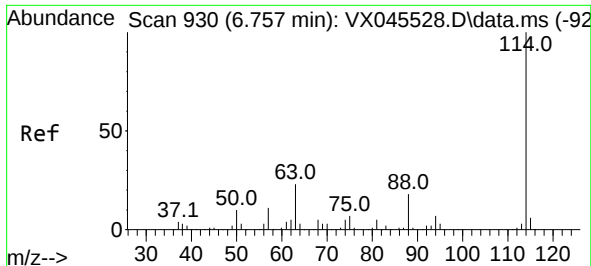
Tgt Ion: 43 Resp: 21068
Ion Ratio Lower Upper
43 100
72 24.0 18.6 28.0



#33
1,2-Dichloroethane-d4
Concen: 55.794 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045645.D
Acq: 08 Apr 2025 12:28

Tgt Ion: 65 Resp: 61747
Ion Ratio Lower Upper
65 100
67 49.3 0.0 99.0

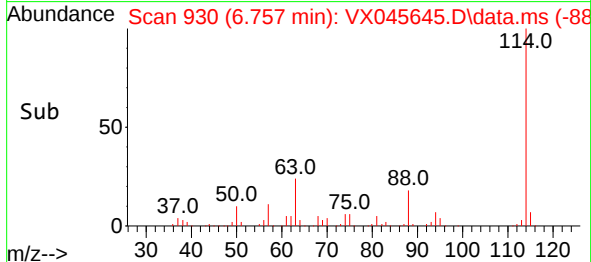
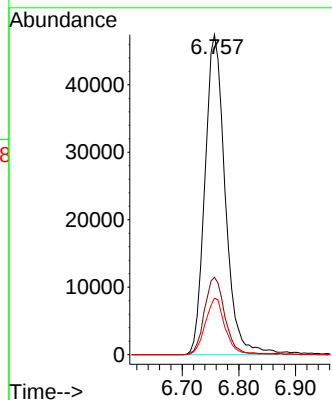
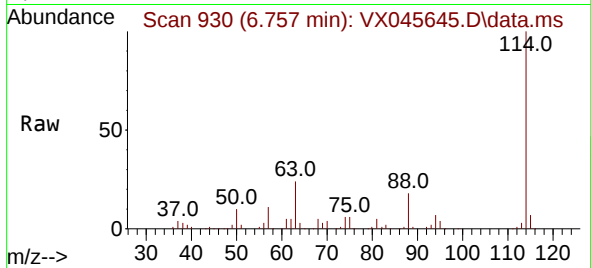




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX045645.D
 Acq: 08 Apr 2025 12:28

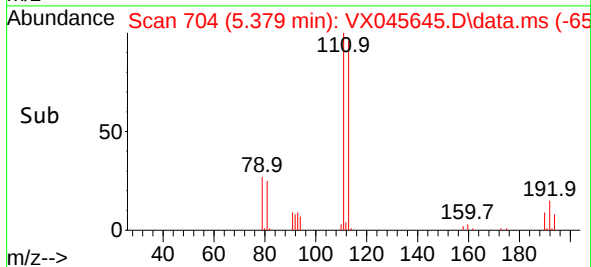
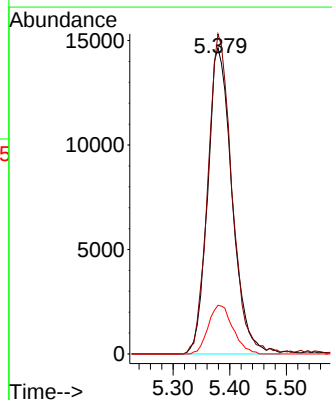
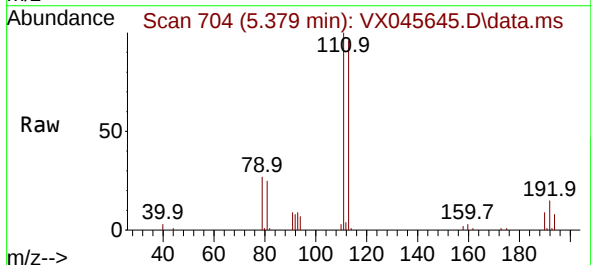
Instrument :
 MSVOA_X
 ClientSampleId :
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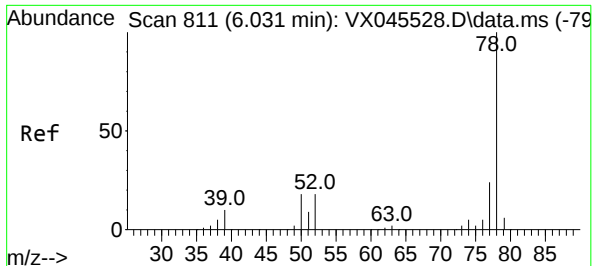
Tgt Ion:114 Resp: 117735
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 46.8
 88 17.7 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 52.504 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: VX045645.D
 Acq: 08 Apr 2025 12:28

Tgt Ion:113 Resp: 43858
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.8 122.6
 192 16.0 13.8 20.6

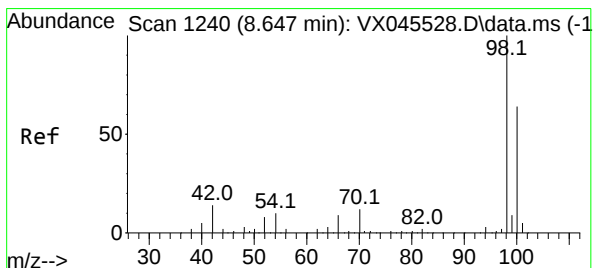
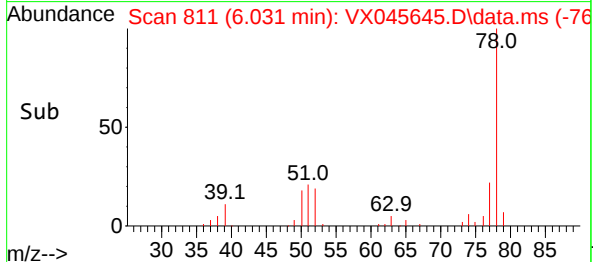
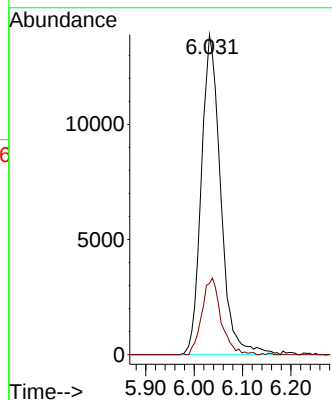
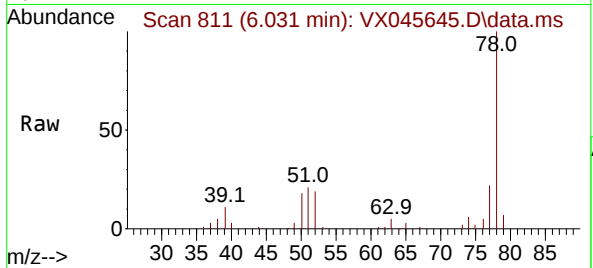




#40
Benzene
Concen: 11.227 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045645.D
Acq: 08 Apr 2025 12:28

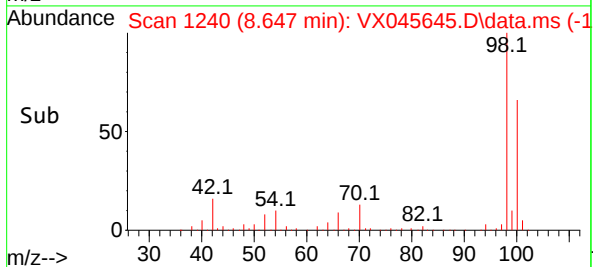
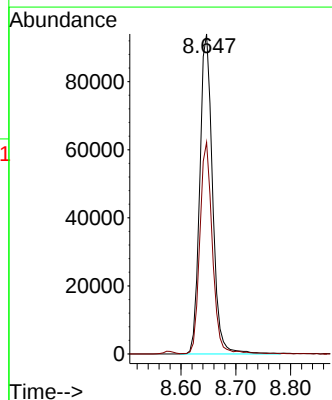
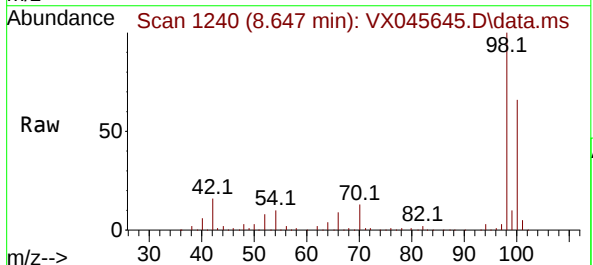
Instrument :
MSVOA_X
ClientSampleId :
RT3069

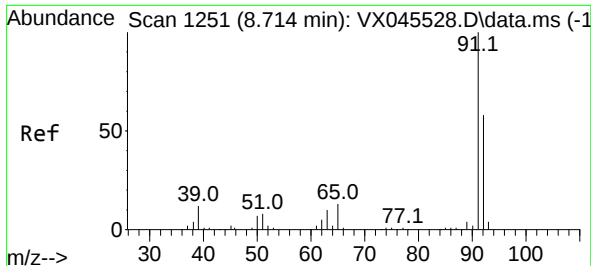
Tgt Ion: 78 Resp: 38671
Ion Ratio Lower Upper
78 100
77 22.3 19.0 28.6



#50
Toluene-d8
Concen: 52.346 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045645.D
Acq: 08 Apr 2025 12:28

Tgt Ion: 98 Resp: 152623
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4

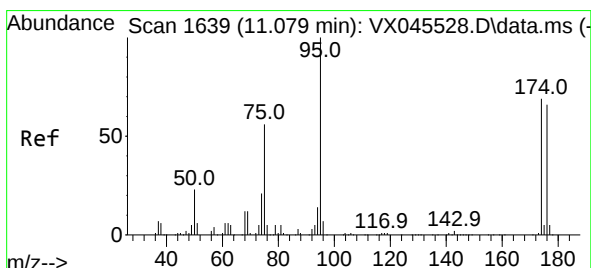
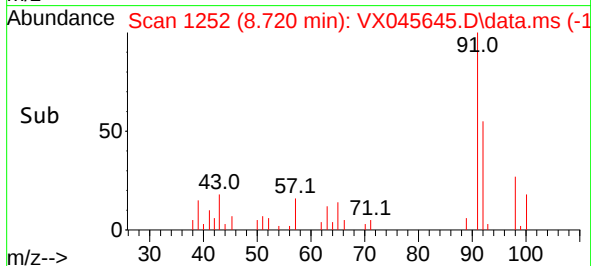
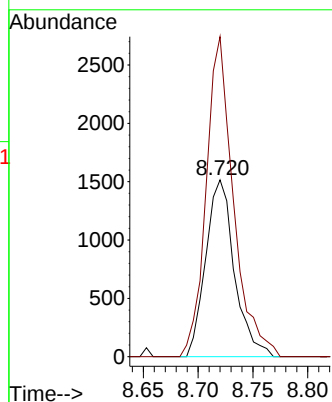
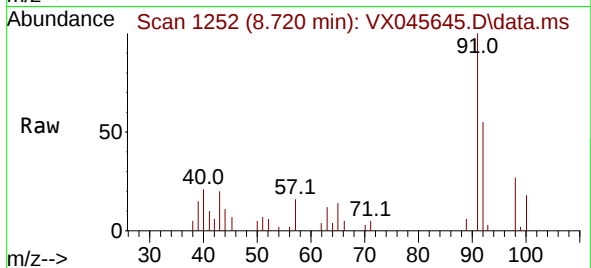




#52
Toluene
Concen: 1.323 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045645.D
Acq: 08 Apr 2025 12:28

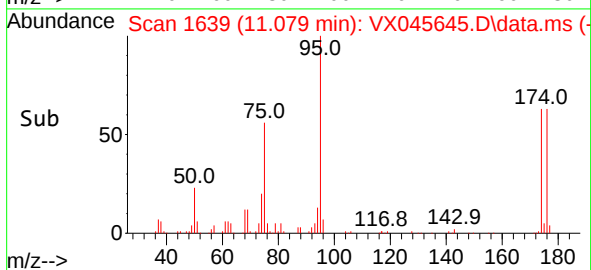
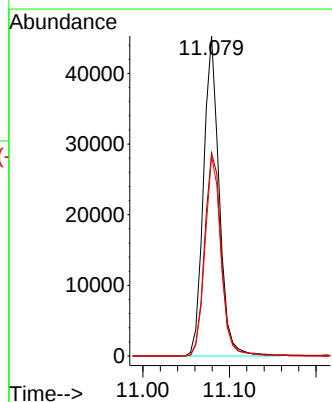
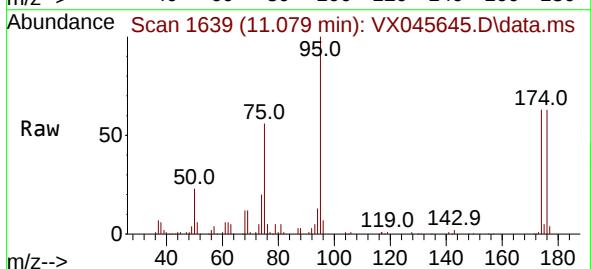
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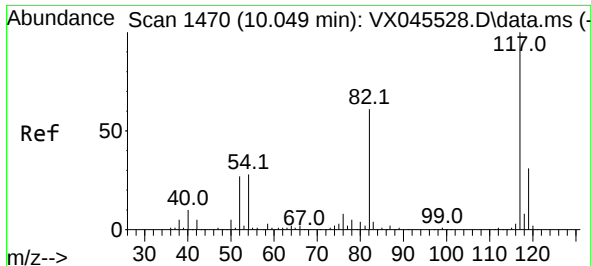
Tgt Ion: 92 Resp: 2758
Ion Ratio Lower Upper
92 100
91 172.3 138.7 208.1



#62
4-Bromofluorobenzene
Concen: 53.578 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045645.D
Acq: 08 Apr 2025 12:28

Tgt Ion: 95 Resp: 56901
Ion Ratio Lower Upper
95 100
174 67.7 0.0 135.8
176 64.3 0.0 131.4

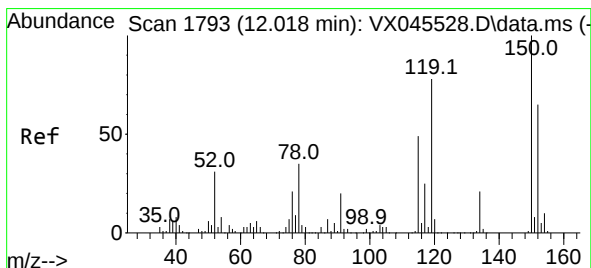
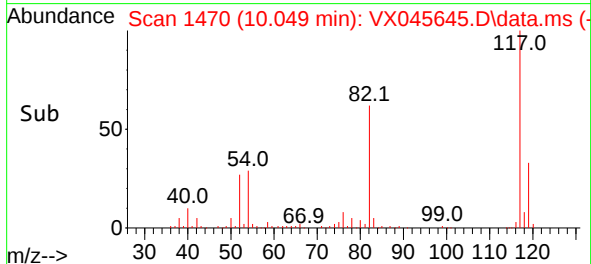
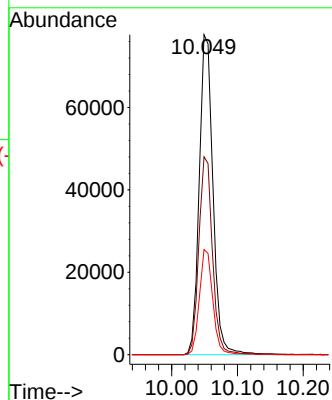
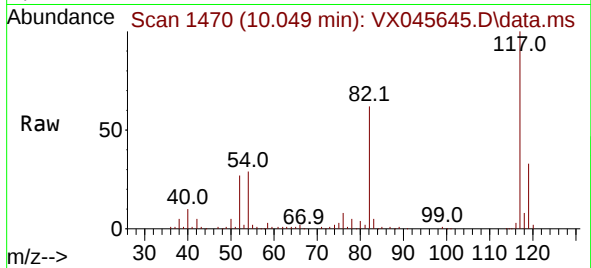




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045645.D
Acq: 08 Apr 2025 12:28

Instrument :
MSVOA_X
ClientSampleId :
RT3069

Tgt Ion:117 Resp: 112767
Ion Ratio Lower Upper
117 100
82 61.9 49.2 73.8
119 32.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045645.D
Acq: 08 Apr 2025 12:28

Tgt Ion:152 Resp: 47540
Ion Ratio Lower Upper
152 100
115 66.4 46.9 140.7
150 160.9 0.0 349.4

