

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022924\
 Data File : VX040538.D
 Acq On : 29 Feb 2024 15:36
 Operator : JC/MD
 Sample : P1641-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OF-3

Quant Time: Mar 01 03:48:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

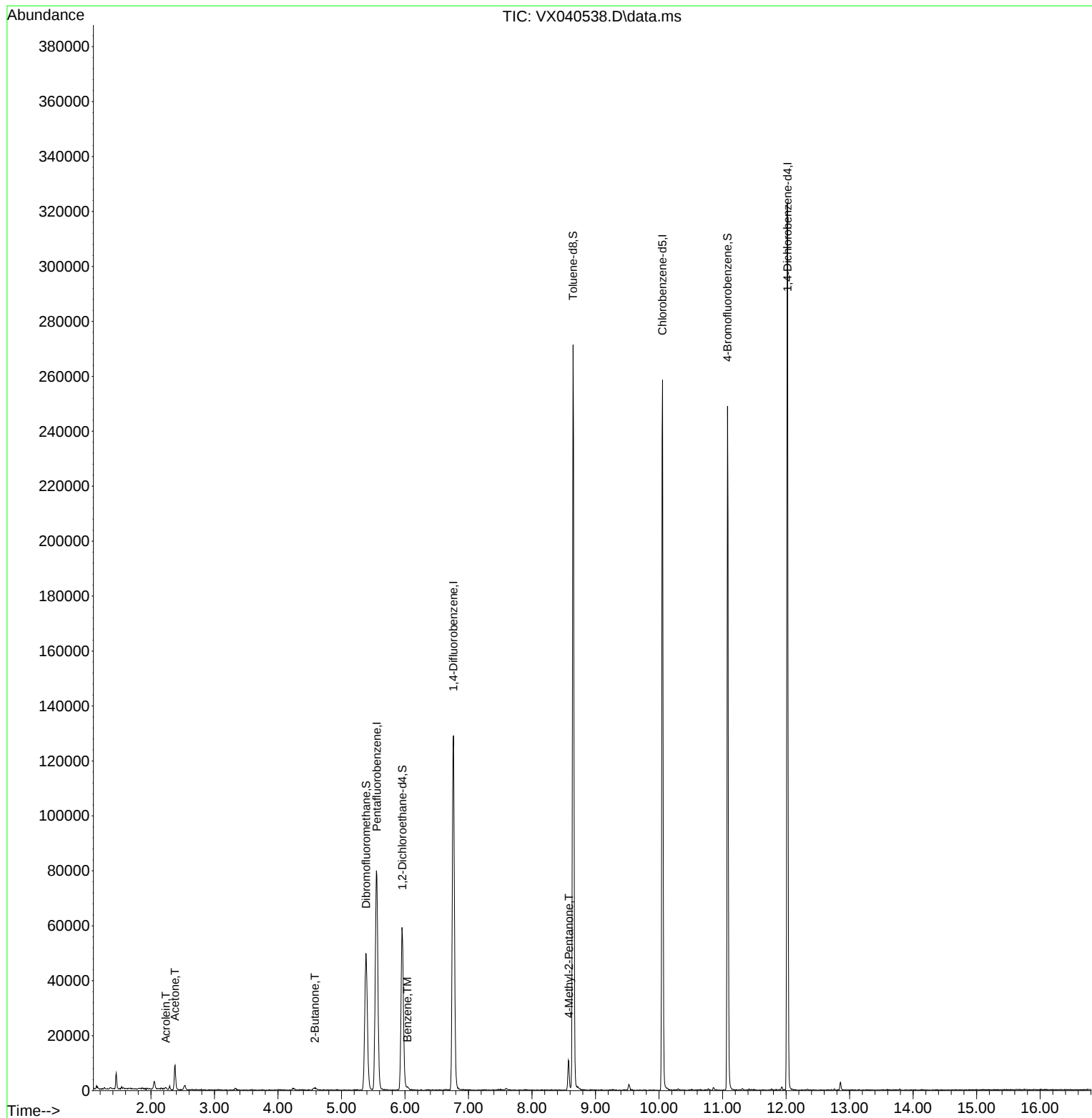
Internal Standards						
1) Pentafluorobenzene	5.556	168	70286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	124256	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58929	50.128	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.260%	
35) Dibromofluoromethane	5.385	113	41526	48.059	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.120%	
50) Toluene-d8	8.647	98	153476	48.933	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.860%	
62) 4-Bromofluorobenzene	11.079	95	62294	52.103	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.200%	
Target Compounds						
					Qvalue	
13) Acrolein	2.233	56	564	4.451	ug/l	91
16) Acetone	2.380	43	9478	24.723	ug/l	99
25) 2-Butanone	4.580	43	2095	3.136	ug/l	92
40) Benzene	6.037	78	1057	0.293	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	6618	4.378	ug/l	99

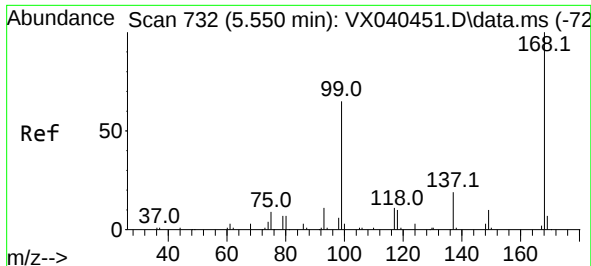
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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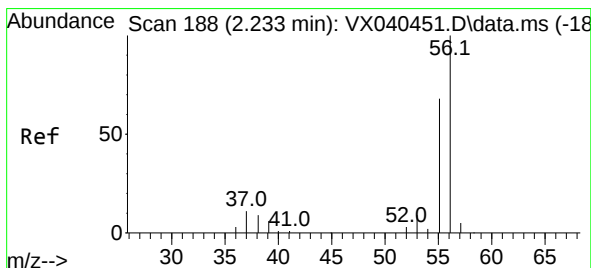
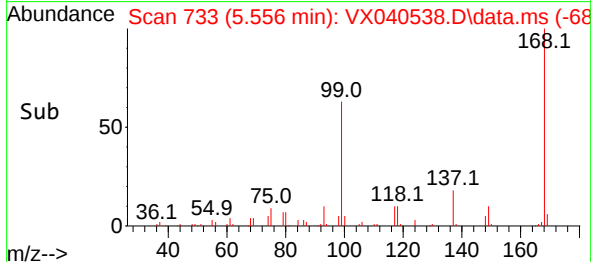
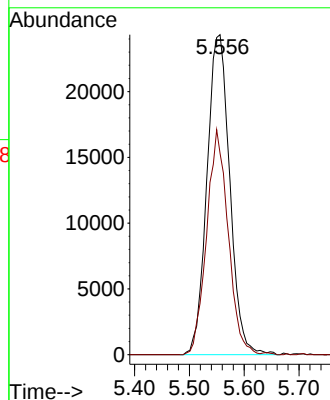
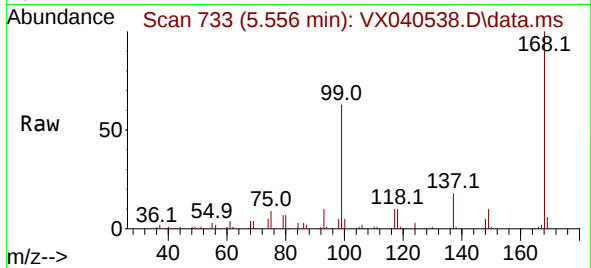




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040538.D
Acq: 29 Feb 2024 15:36

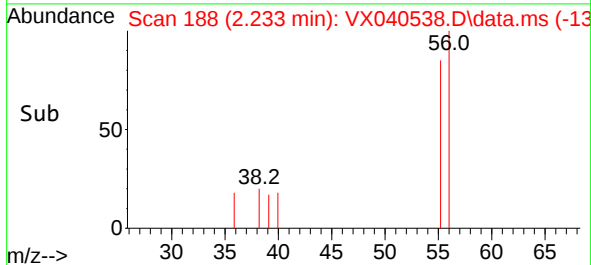
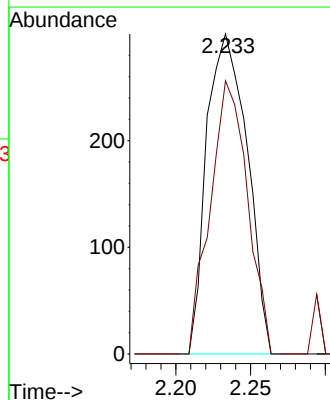
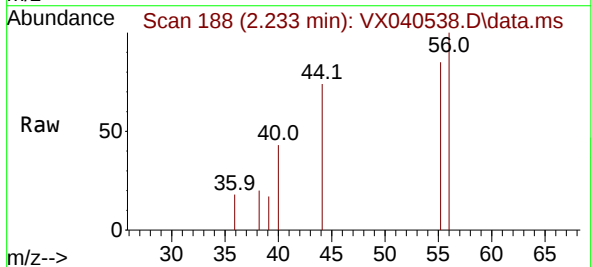
Instrument :
MSVOA_X
ClientSampleId :
OF-3

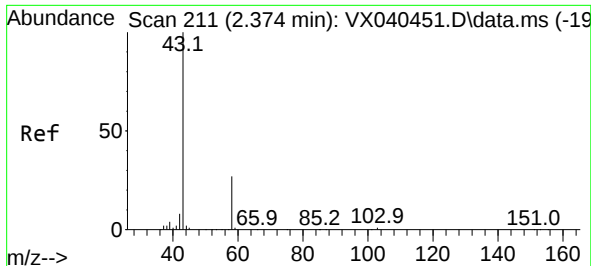
Tgt Ion:168 Resp: 70286
Ion Ratio Lower Upper
168 100
99 63.0 56.6 85.0



#13
Acrolein
Concen: 4.451 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX040538.D
Acq: 29 Feb 2024 15:36

Tgt Ion: 56 Resp: 564
Ion Ratio Lower Upper
56 100
55 78.7 57.1 85.7

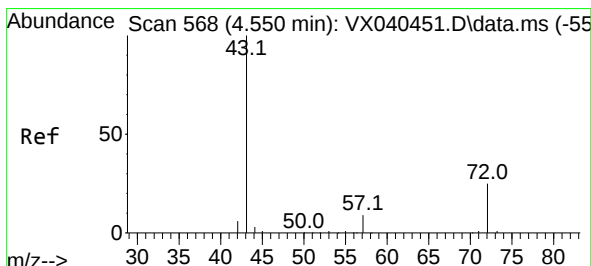
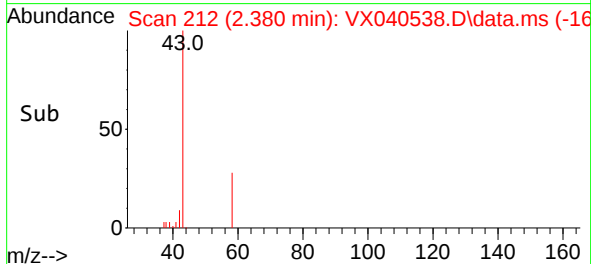
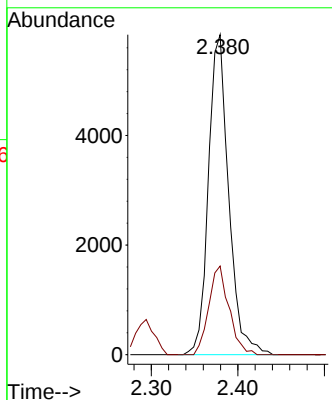
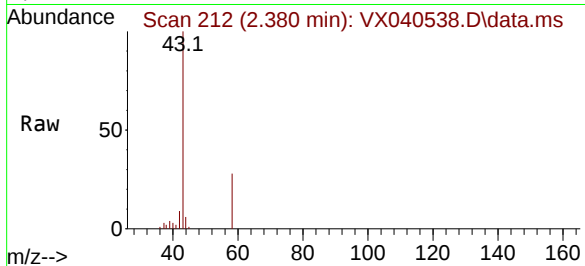




#16
Acetone
Concen: 24.723 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040538.D
Acq: 29 Feb 2024 15:36

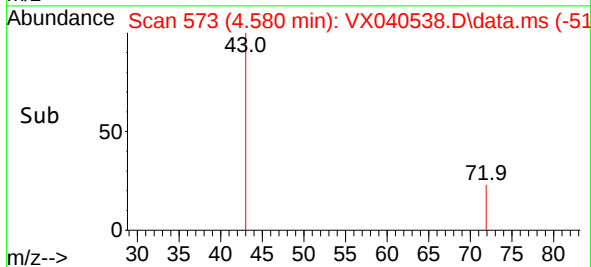
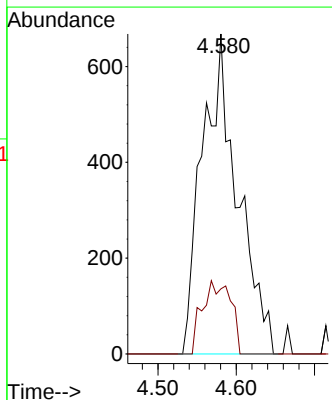
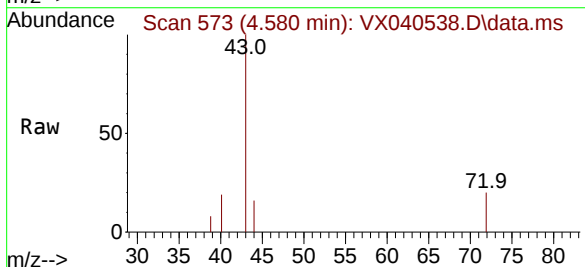
Instrument :
MSVOA_X
ClientSampleId :
OF-3

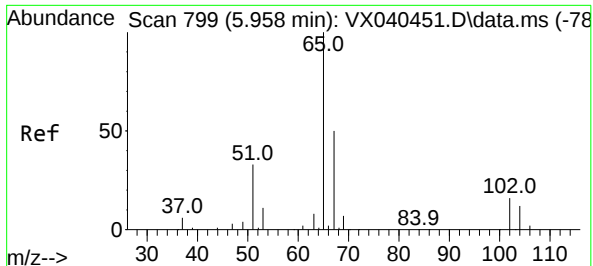
Tgt Ion: 43 Resp: 9478
Ion Ratio Lower Upper
43 100
58 27.7 21.9 32.9



#25
2-Butanone
Concen: 3.136 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.030 min
Lab File: VX040538.D
Acq: 29 Feb 2024 15:36

Tgt Ion: 43 Resp: 2095
Ion Ratio Lower Upper
43 100
72 20.4 19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 50.128 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX040538.D

Acq: 29 Feb 2024 15:36

Instrument :

MSVOA_X

ClientSampleId :

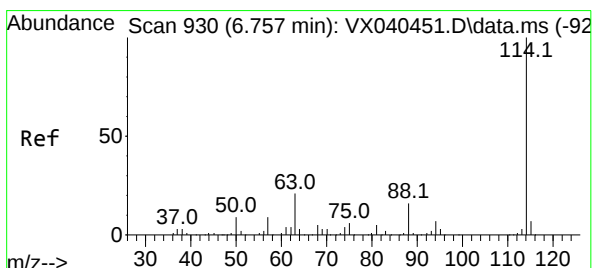
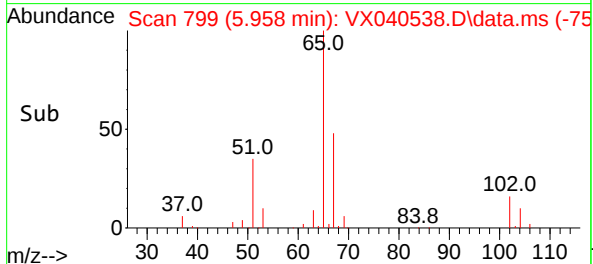
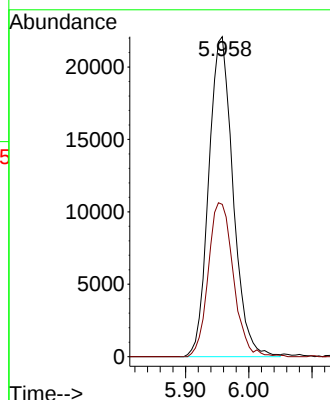
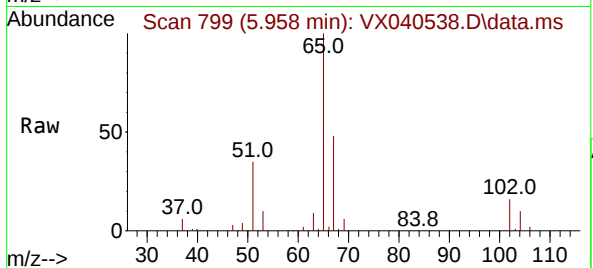
OF-3

Tgt Ion: 65 Resp: 58929

Ion Ratio Lower Upper

65 100

67 49.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX040538.D

Acq: 29 Feb 2024 15:36

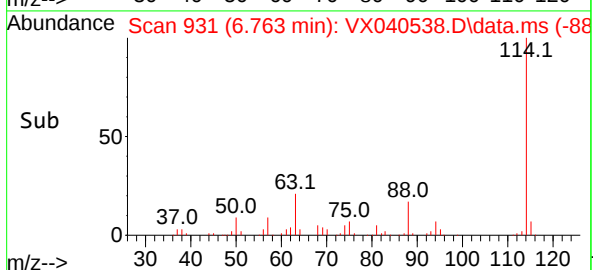
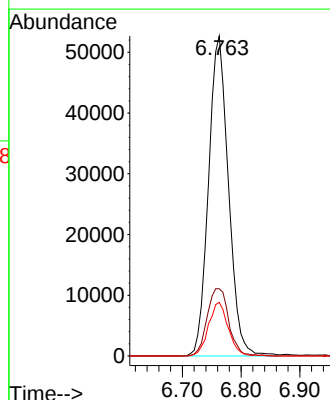
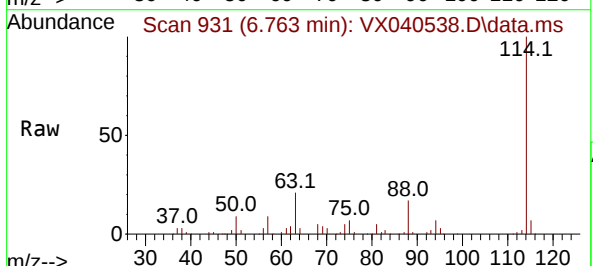
Tgt Ion: 114 Resp: 124256

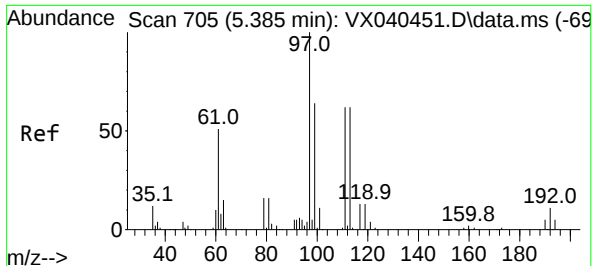
Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.0

88 16.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.059 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX040538.D

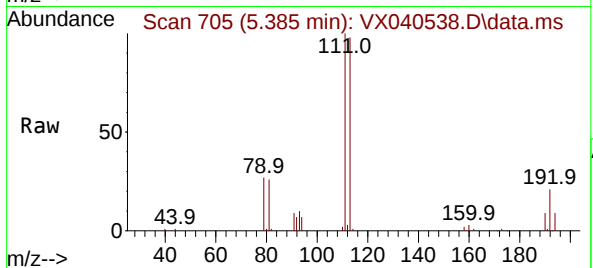
Acq: 29 Feb 2024 15:36

Instrument :

MSVOA_X

ClientSampleId :

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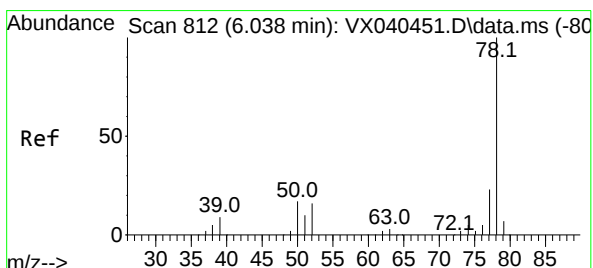
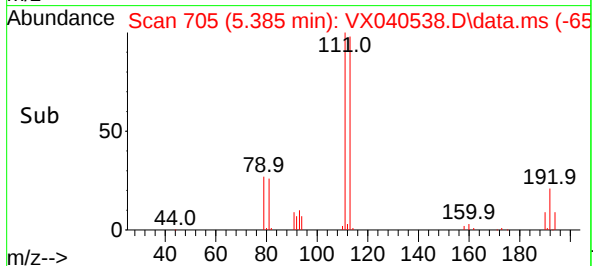
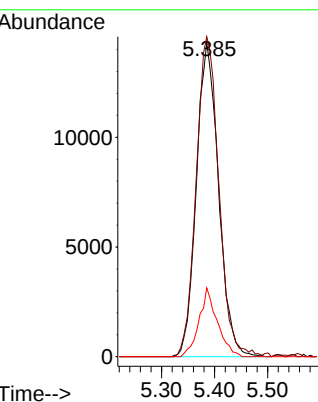
Tgt Ion:113 Resp: 41526

Ion Ratio Lower Upper

113 100

111 104.2 82.9 124.3

192 18.1 13.3 19.9



#40

Benzene

Concen: 0.293 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX040538.D

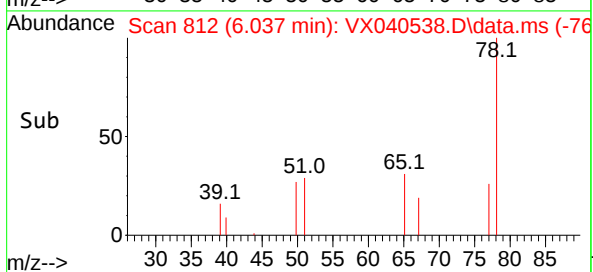
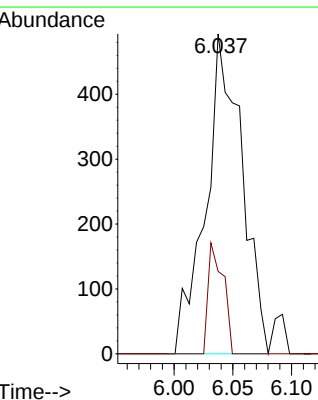
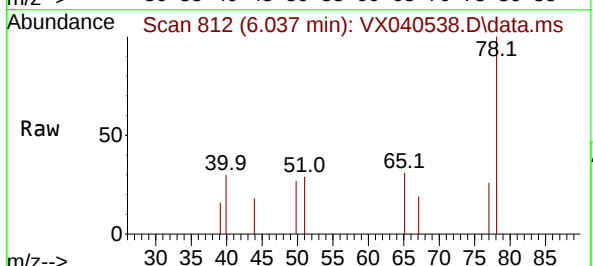
Acq: 29 Feb 2024 15:36

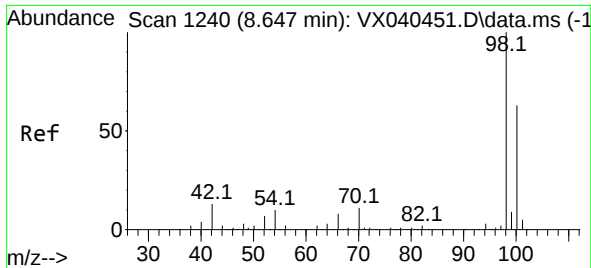
Tgt Ion: 78 Resp: 1057

Ion Ratio Lower Upper

78 100

77 25.8 19.3 28.9

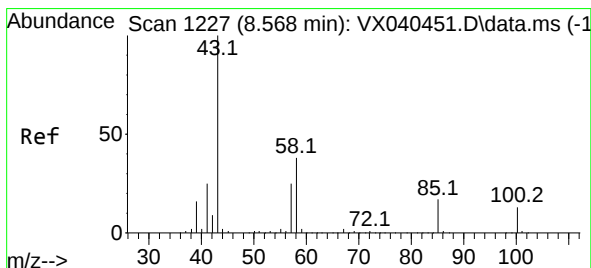
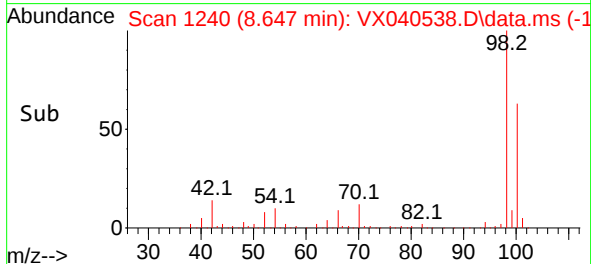
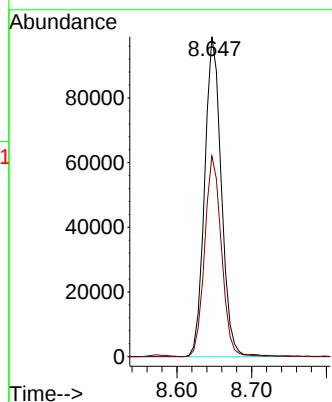
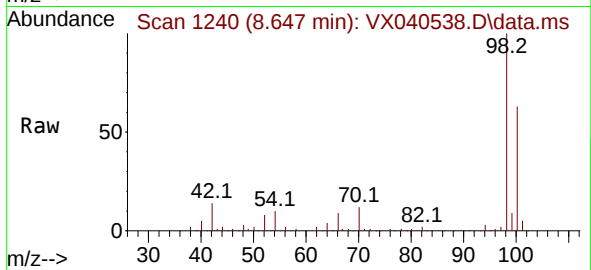




#50
Toluene-d8
Concen: 48.933 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040538.D
Acq: 29 Feb 2024 15:36

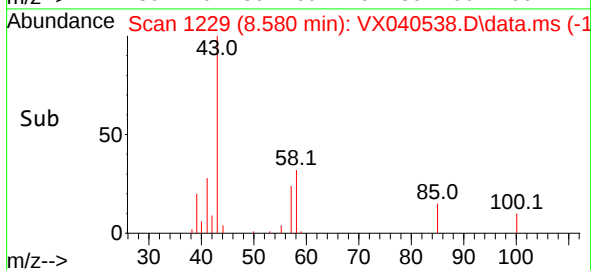
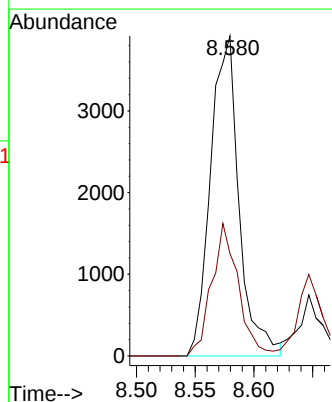
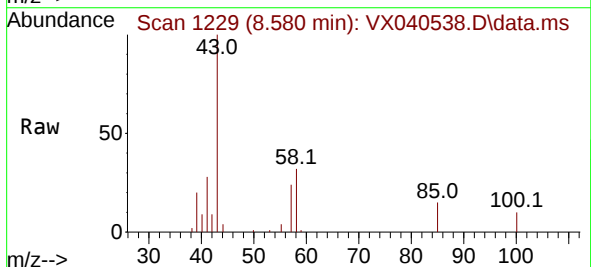
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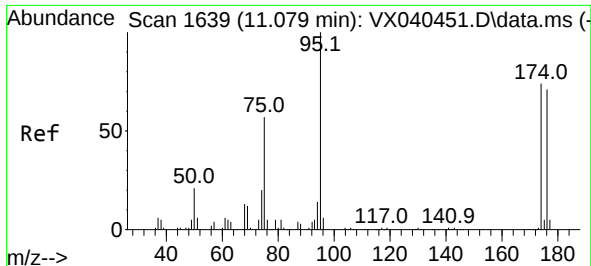
Tgt Ion: 98 Resp: 153476
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 4.378 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VX040538.D
Acq: 29 Feb 2024 15:36

Tgt Ion: 43 Resp: 6618
Ion Ratio Lower Upper
43 100
58 38.5 30.4 45.6

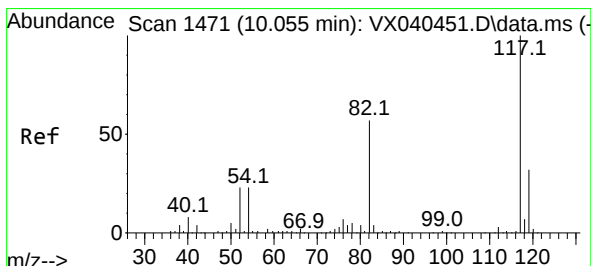
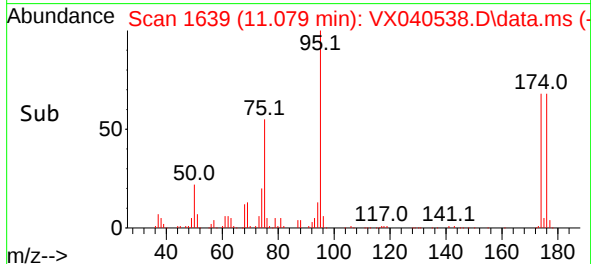
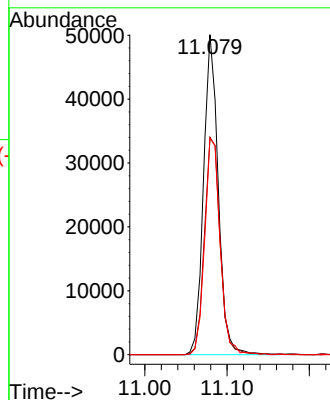
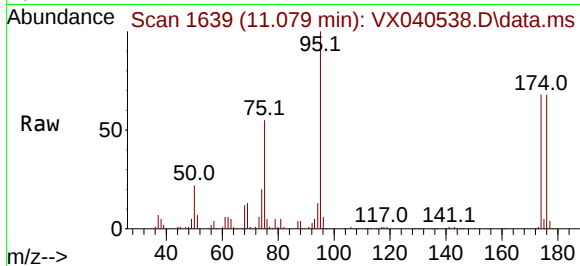




#62
4-Bromofluorobenzene
Concen: 52.103 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040538.D
Acq: 29 Feb 2024 15:36

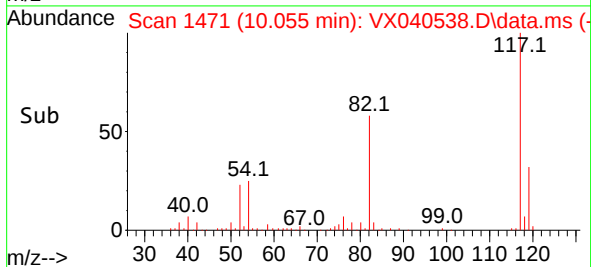
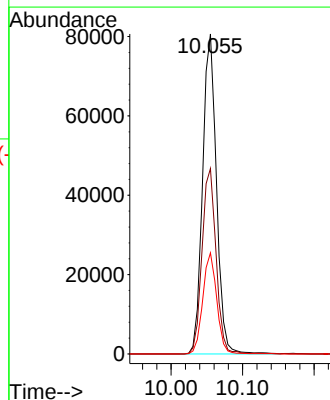
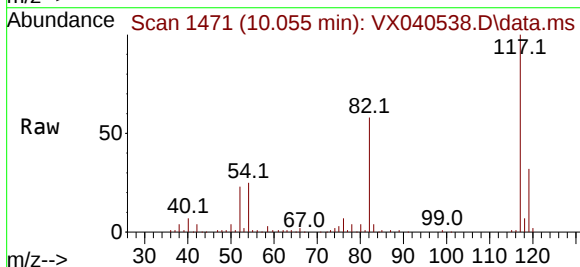
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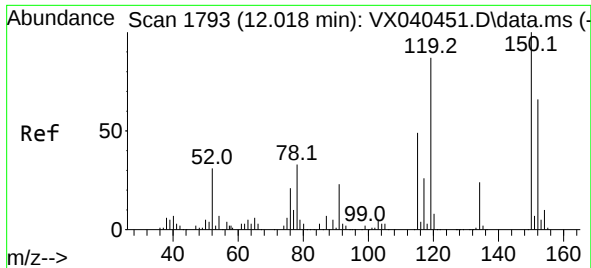
Tgt Ion: 95 Resp: 62294
Ion Ratio Lower Upper
95 100
174 72.3 0.0 135.6
176 70.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040538.D
Acq: 29 Feb 2024 15:36

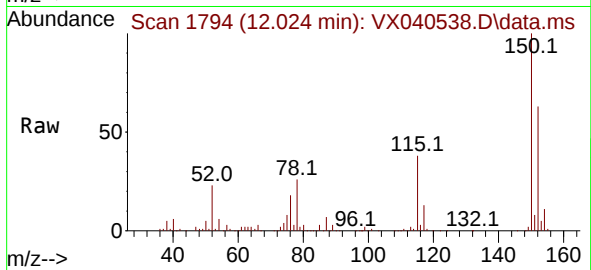
Tgt Ion: 117 Resp: 108839
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.4
119 31.6 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX040538.D
 Acq: 29 Feb 2024 15:36

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:152	Resp:	62135
Ion	Ratio	Lower Upper
152	100	
115	64.0	43.3 129.9
150	158.1	0.0 345.0

