

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121223\
 Data File : VX039172.D
 Acq On : 12 Dec 2023 17:43
 Operator : JC/MD
 Sample : 05757-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OF-2

Quant Time: Dec 13 04:19:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

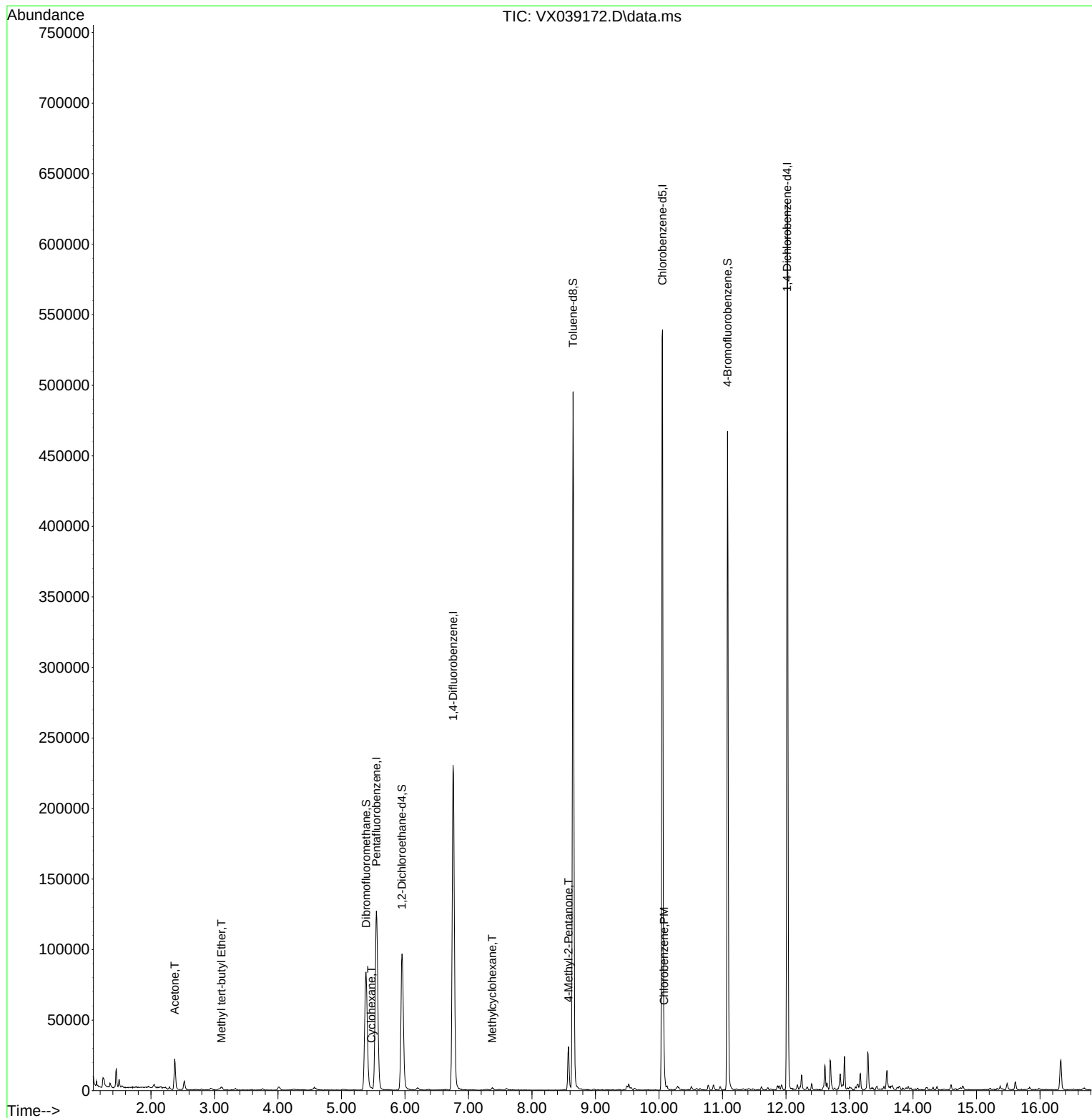
Internal Standards						
1) Pentafluorobenzene	5.550	168	109642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	226662	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	116913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95039	53.794	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.580%	
35) Dibromofluoromethane	5.385	113	74119	45.277	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.560%	
50) Toluene-d8	8.647	98	282848	45.160	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 90.320%#	
62) 4-Bromofluorobenzene	11.079	95	129465	51.637	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.280%	
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	22566	23.994	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	2127	0.443	ug/l	92
31) Cyclohexane	5.471	56	586	0.232	ug/l #	68
39) Methylcyclohexane	7.373	83	695	0.227	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	18838	6.034	ug/l	99
65) Chlorobenzene	10.080	112	6171	1.238	ug/l	95

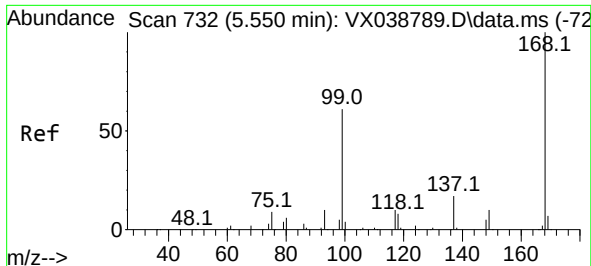
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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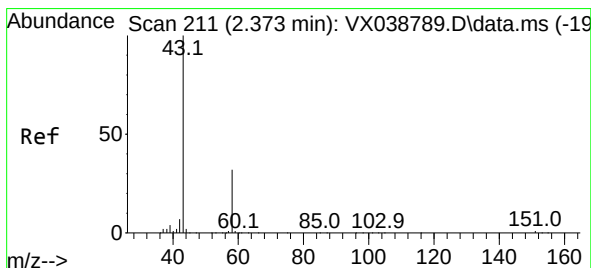
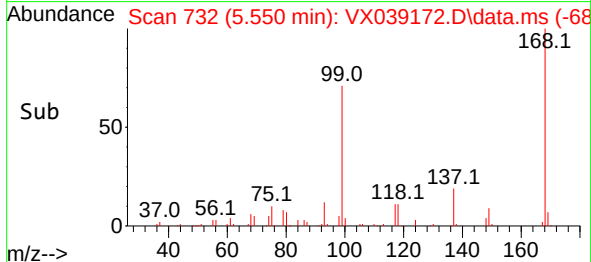
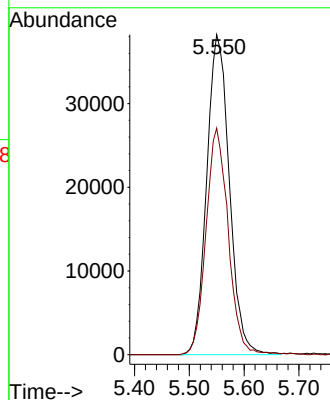
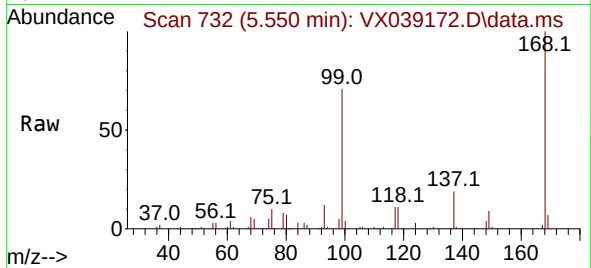




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039172.D
Acq: 12 Dec 2023 17:43

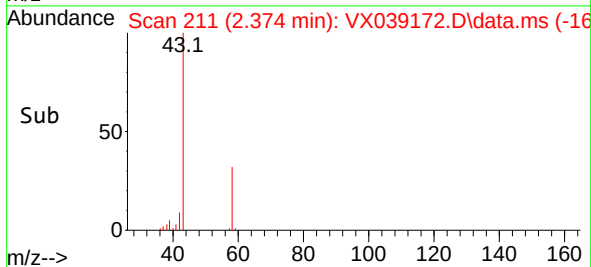
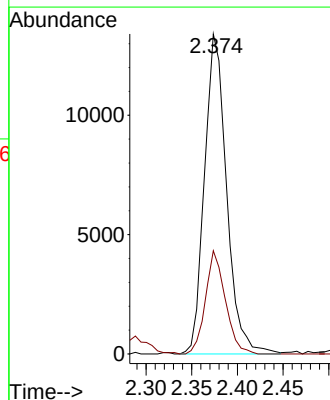
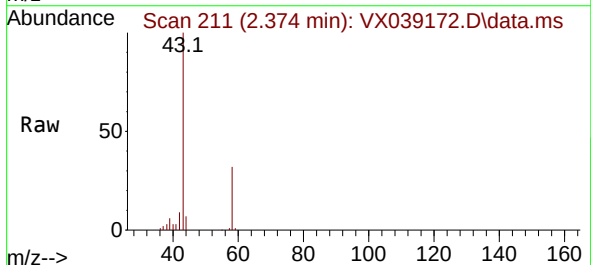
Instrument :
MSVOA_X
ClientSampleId :
OF-2

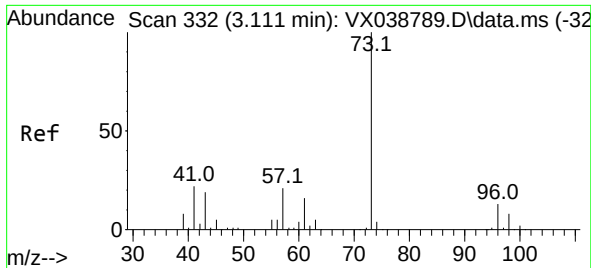
Tgt Ion:168 Resp: 109642
Ion Ratio Lower Upper
168 100
99 70.8 56.6 85.0



#16
Acetone
Concen: 23.994 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039172.D
Acq: 12 Dec 2023 17:43

Tgt Ion: 43 Resp: 22566
Ion Ratio Lower Upper
43 100
58 32.2 21.9 32.9

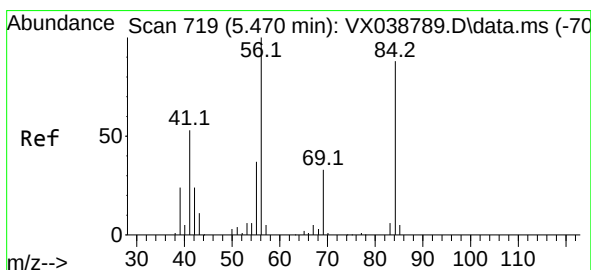
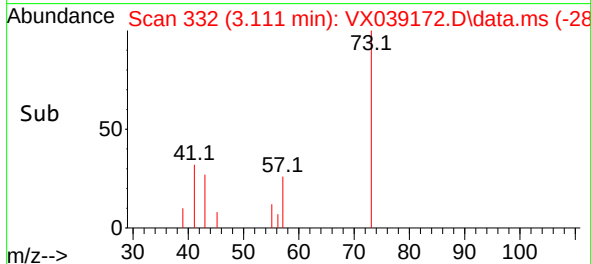
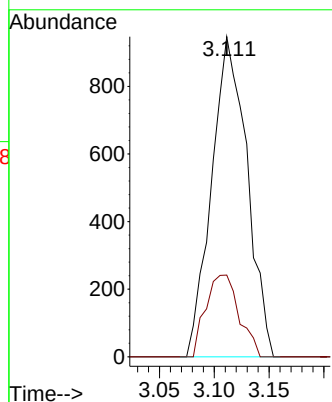
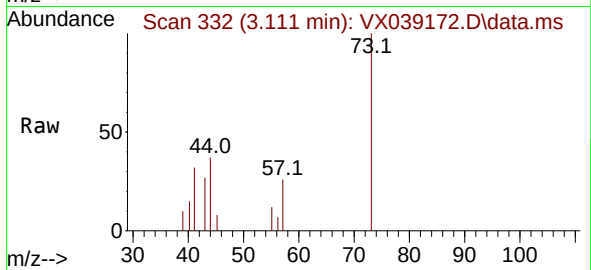




#19
Methyl tert-butyl Ether
Concen: 0.443 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039172.D
Acq: 12 Dec 2023 17:43

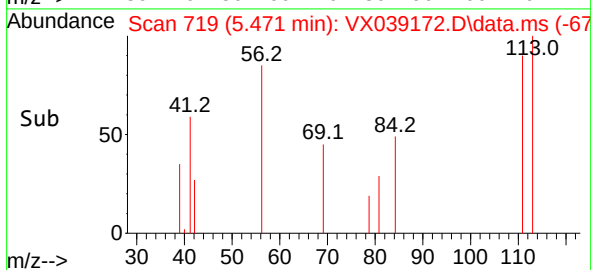
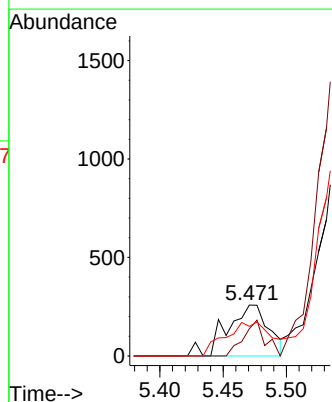
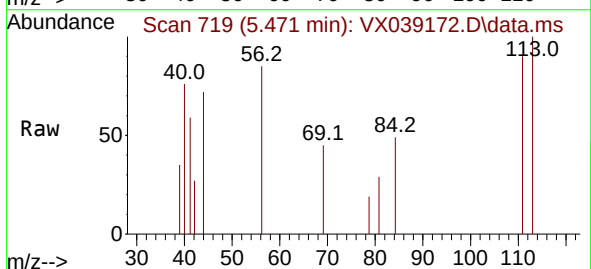
Instrument :
MSVOA_X
ClientSampleId :
OF-2

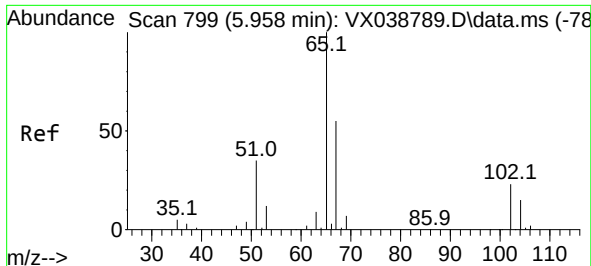
Tgt Ion: 73 Resp: 2127
Ion Ratio Lower Upper
73 100
57 25.6 17.3 25.9



#31
Cyclohexane
Concen: 0.232 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX039172.D
Acq: 12 Dec 2023 17:43

Tgt Ion: 56 Resp: 586
Ion Ratio Lower Upper
56 100
69 53.5 23.4 35.2#
84 58.1 65.9 98.9#

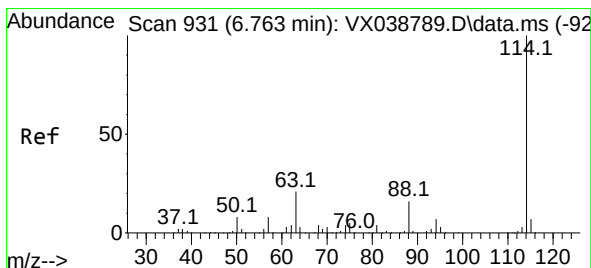
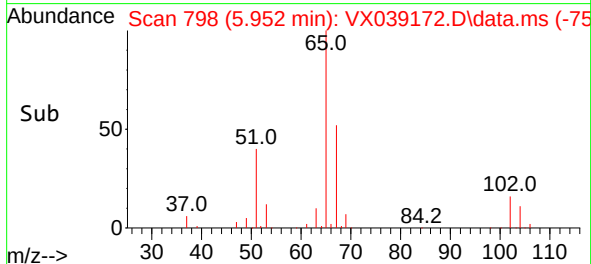
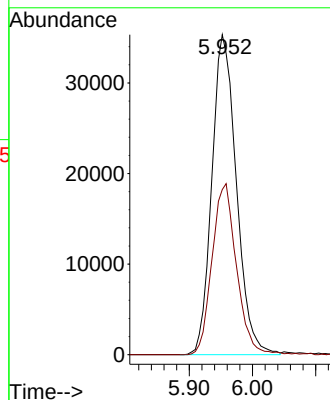
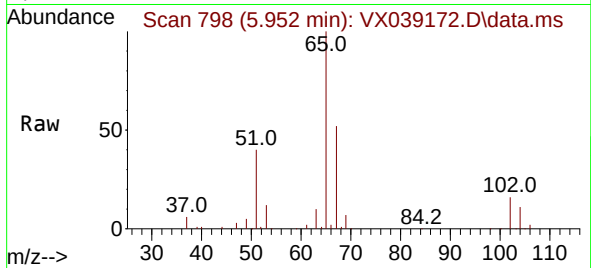




#33
 1,2-Dichloroethane-d4
 Concen: 53.794 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX039172.D
 Acq: 12 Dec 2023 17:43

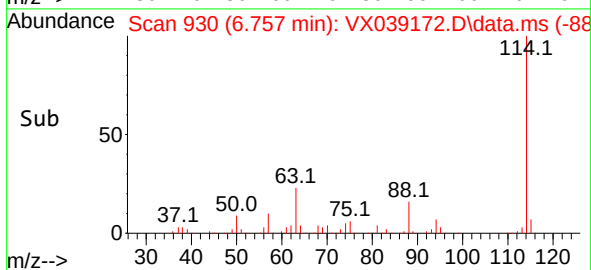
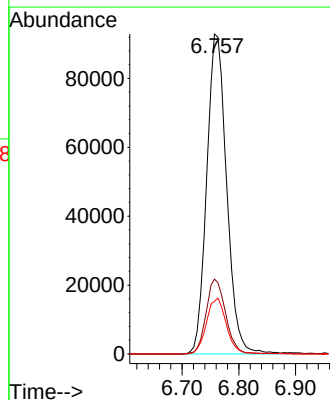
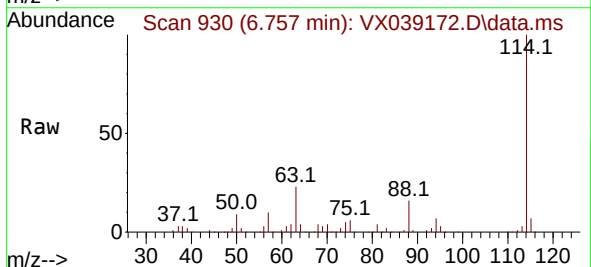
Instrument :
 MSVOA_X
 ClientSampleId :
 OF-2

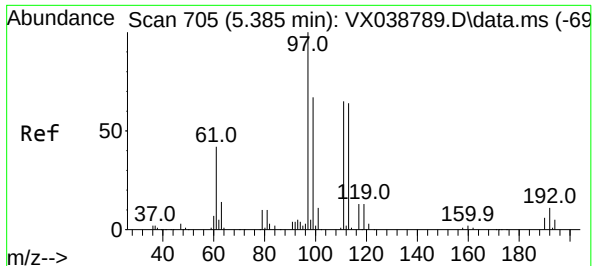
Tgt Ion: 65 Resp: 95039
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX039172.D
 Acq: 12 Dec 2023 17:43

Tgt Ion: 114 Resp: 226662
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 45.0
 88 16.5 0.0 36.6

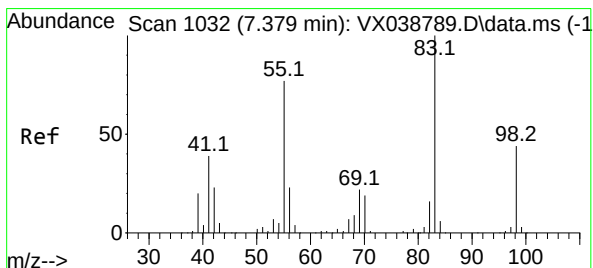
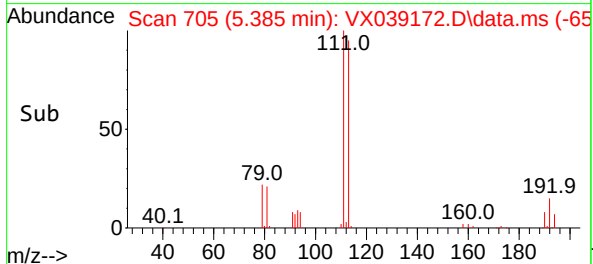
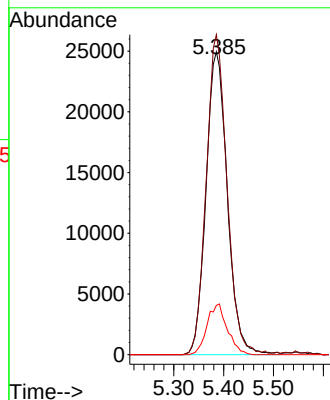
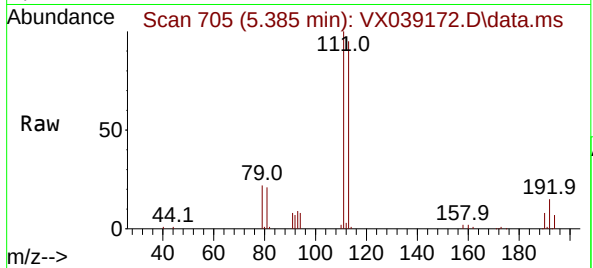




#35
Dibromofluoromethane
Concen: 45.277 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039172.D
Acq: 12 Dec 2023 17:43

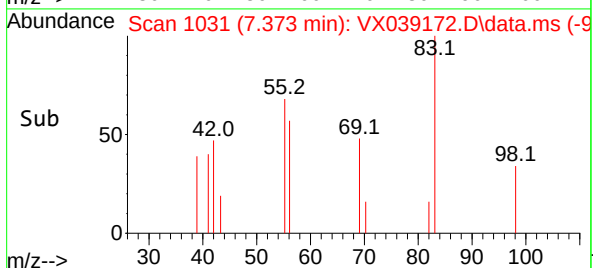
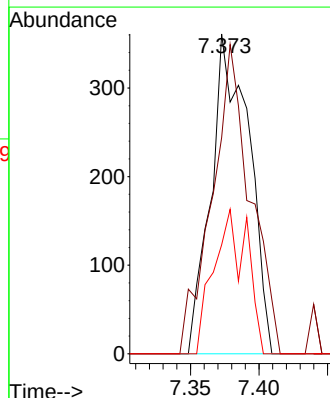
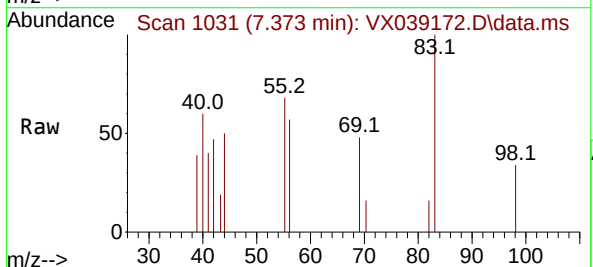
Instrument :
MSVOA_X
ClientSampleId :
OF-2

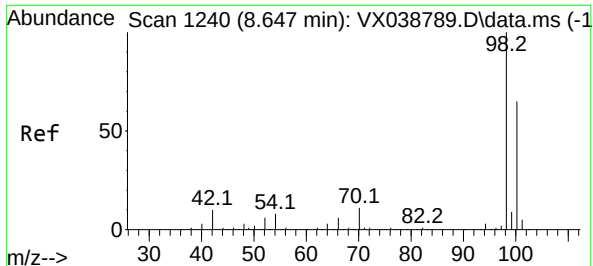
Tgt Ion:113 Resp: 74119
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 15.9 13.3 19.9



#39
Methylcyclohexane
Concen: 0.227 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX039172.D
Acq: 12 Dec 2023 17:43

Tgt Ion: 83 Resp: 695
Ion Ratio Lower Upper
83 100
55 67.6 64.6 97.0
98 34.1 36.7 55.1#





#50

Toluene-d8

Concen: 45.160 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039172.D

Acq: 12 Dec 2023 17:43

Instrument :

MSVOA_X

ClientSampleId :

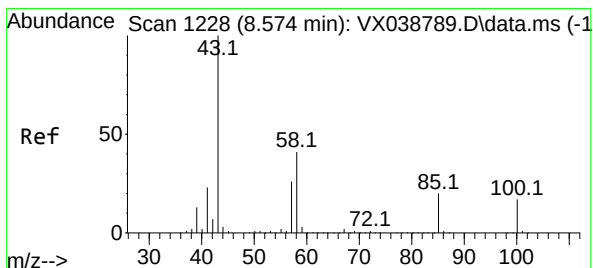
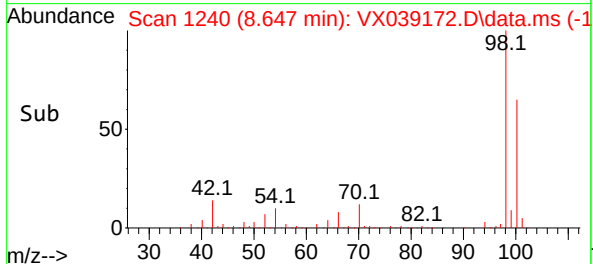
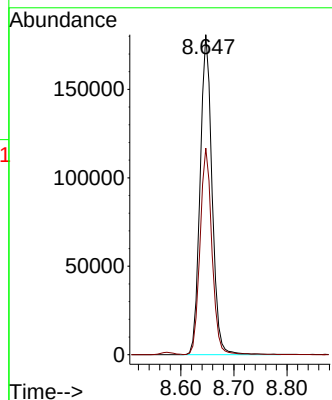
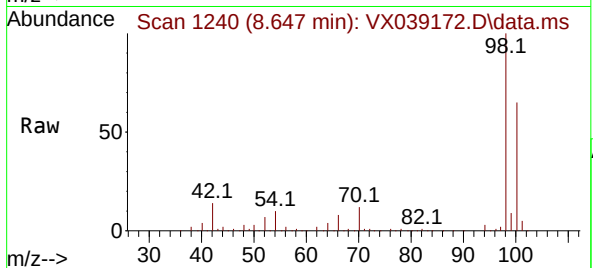
OF-2

Tgt Ion: 98 Resp: 282848

Ion Ratio Lower Upper

98 100

100 64.0 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 6.034 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX039172.D

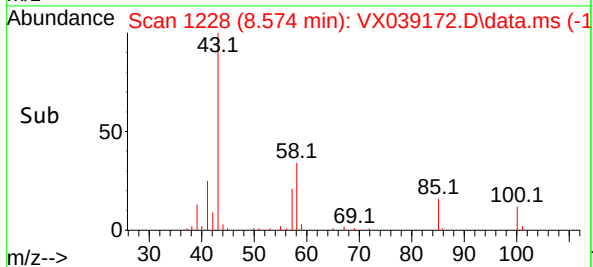
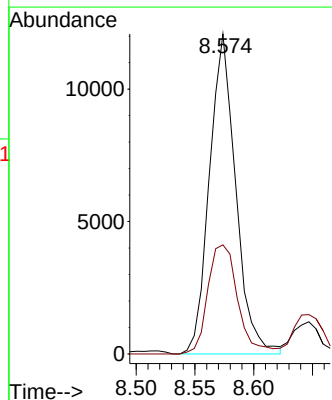
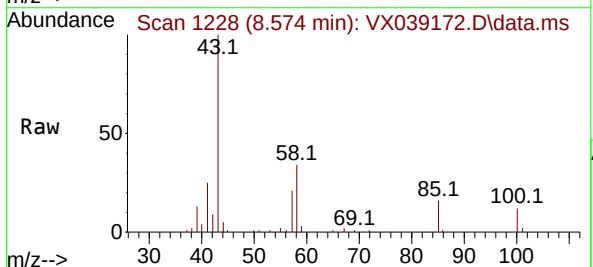
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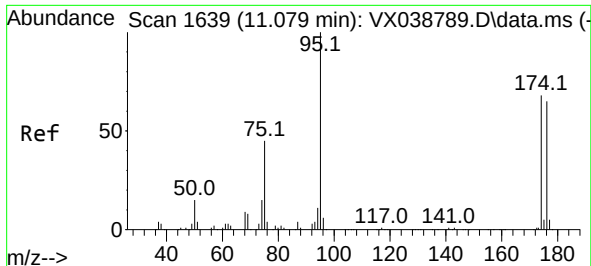
Tgt Ion: 43 Resp: 18838

Ion Ratio Lower Upper

43 100

58 38.6 30.4 45.6

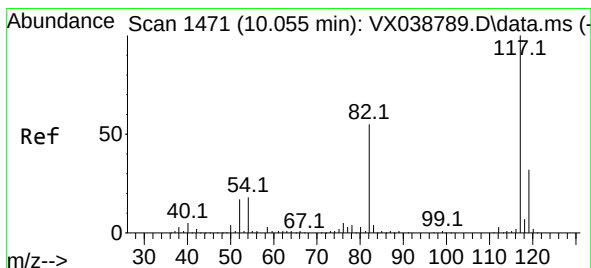
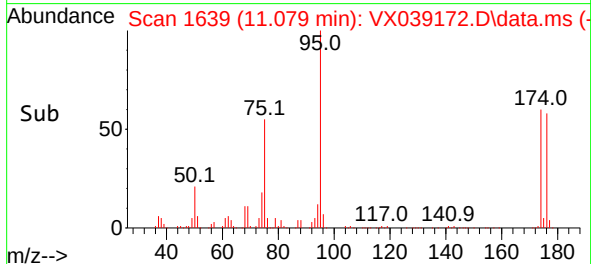
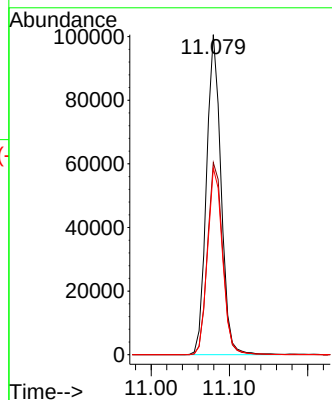
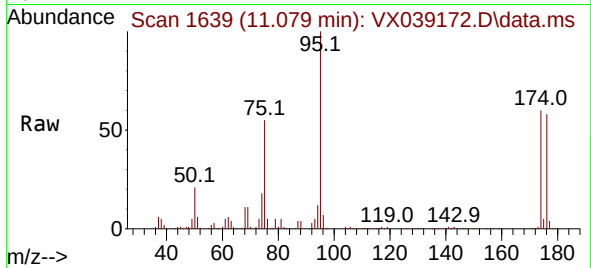




#62
4-Bromofluorobenzene
Concen: 51.637 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039172.D
Acq: 12 Dec 2023 17:43

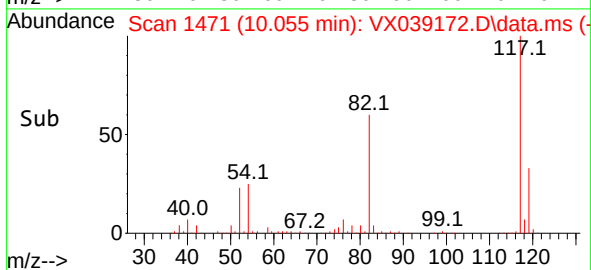
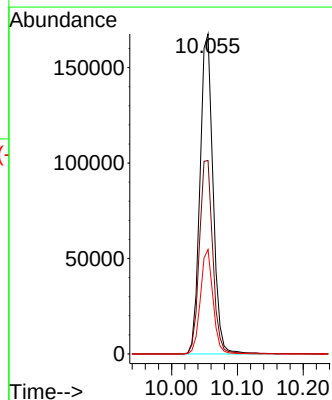
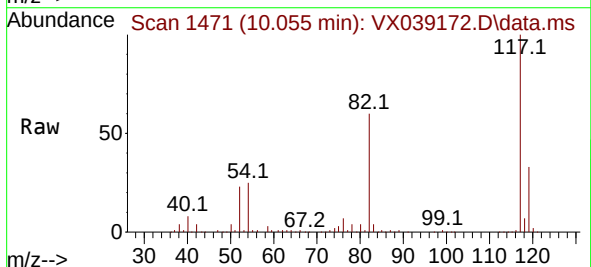
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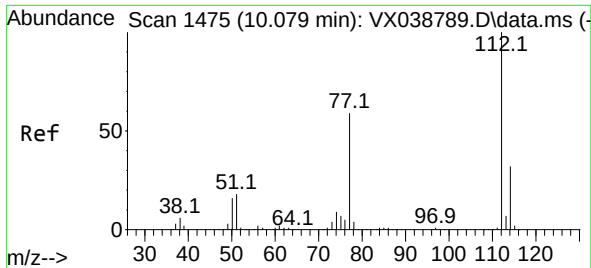
Tgt Ion: 95 Resp: 129465
Ion Ratio Lower Upper
95 100
174 62.5 0.0 135.6
176 60.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039172.D
Acq: 12 Dec 2023 17:43

Tgt Ion: 117 Resp: 231340
Ion Ratio Lower Upper
117 100
82 60.4 46.2 69.4
119 32.6 25.5 38.3

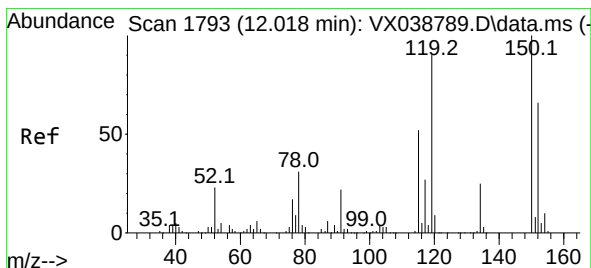
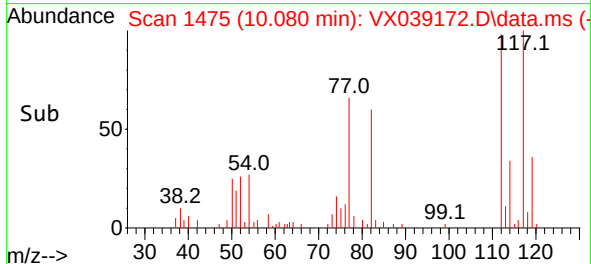
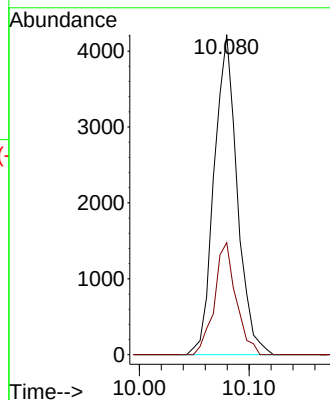
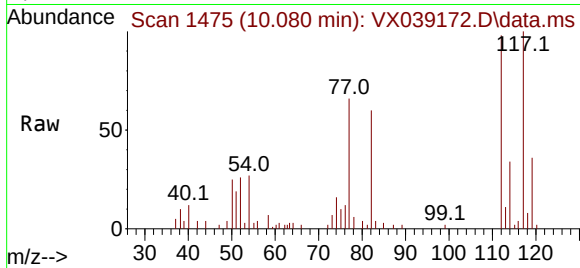




#65
Chlorobenzene
Concen: 1.238 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039172.D
Acq: 12 Dec 2023 17:43

Instrument :
MSVOA_X
ClientSampleId :
OF-2

Tgt Ion:112 Resp: 6171
Ion Ratio Lower Upper
112 100
114 35.0 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: VX039172.D
Acq: 12 Dec 2023 17:43

Tgt Ion:152 Resp: 116913
Ion Ratio Lower Upper
152 100
115 67.5 43.3 129.9
150 158.2 0.0 345.0

