

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121223\
 Data File : VX039173.D
 Acq On : 12 Dec 2023 18:05
 Operator : JC/MD
 Sample : 05757-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OF-3

Quant Time: Dec 13 04:19:25 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)

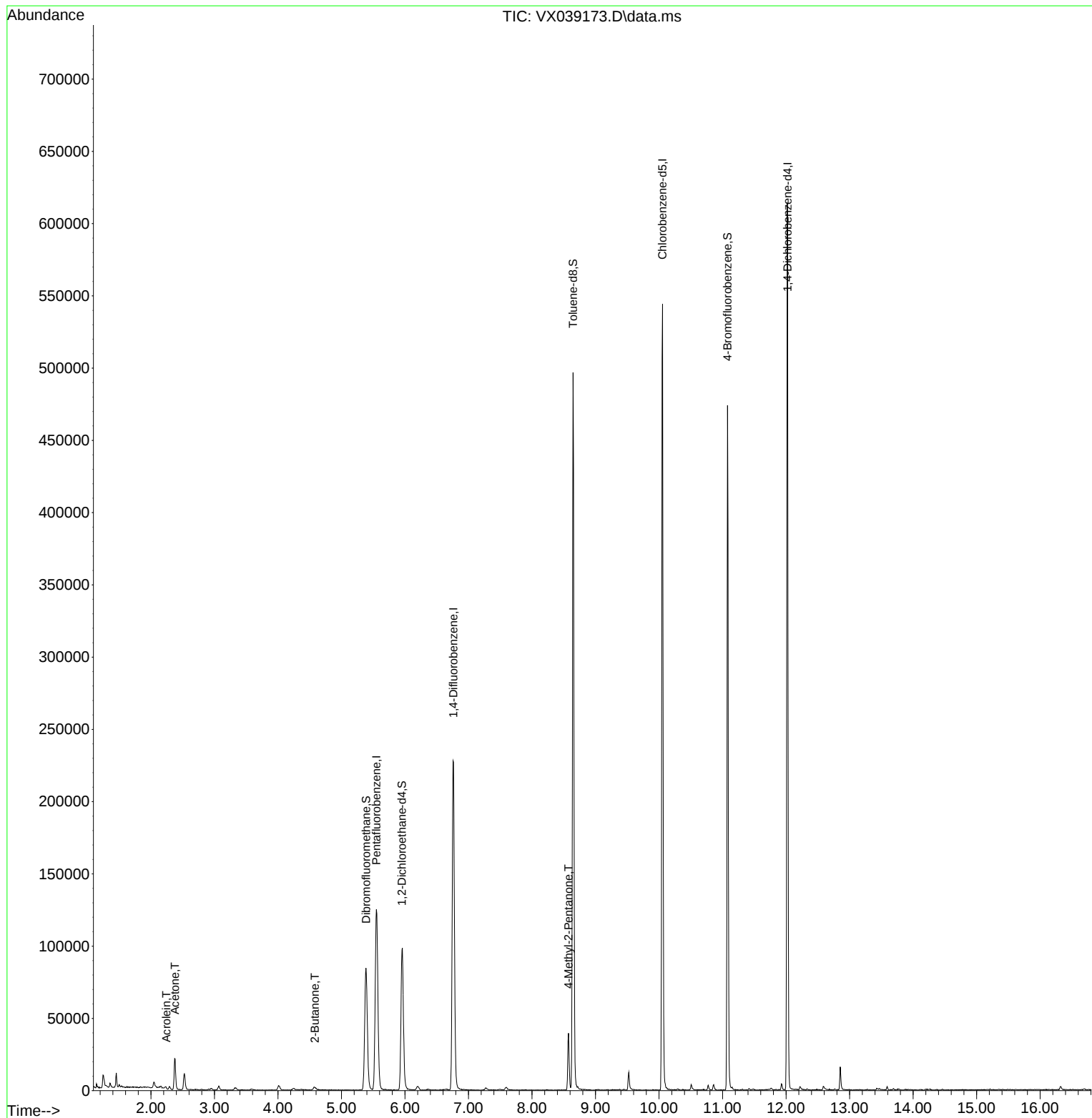
Internal Standards						
1) Pentafluorobenzene	5.550	168	110346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224953	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97058	54.587	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.180%
35) Dibromofluoromethane	5.385	113	74680	45.966	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.940%
50) Toluene-d8	8.647	98	284128	45.709	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.420%#
62) 4-Bromofluorobenzene	11.079	95	130568	52.472	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.940%
Target Compounds						
						Qvalue
13) Acrolein	2.239	56	1076	4.113	ug/l	88
16) Acetone	2.379	43	23217	24.529	ug/l	97
25) 2-Butanone	4.580	43	4309	2.807	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	23860	7.701	ug/l	98

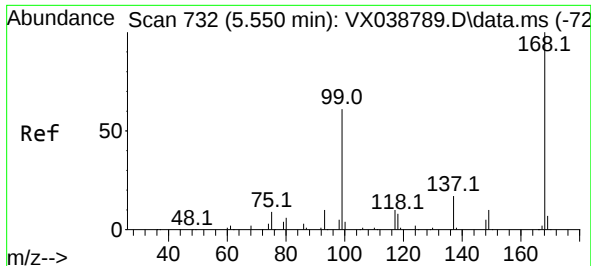
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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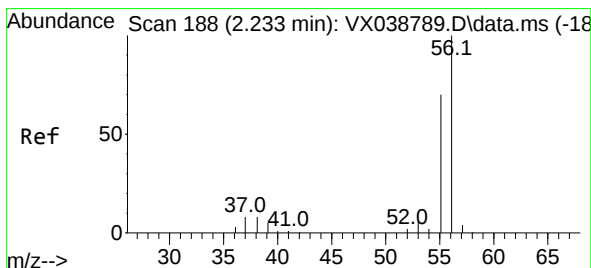
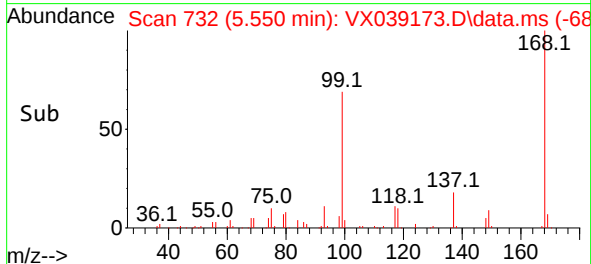
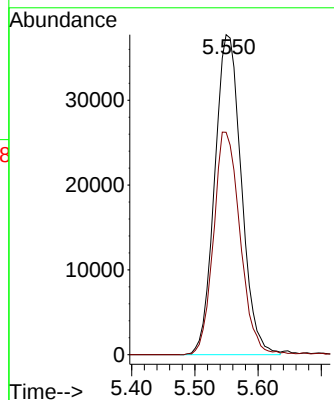
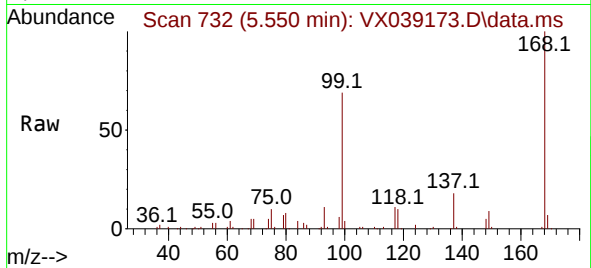




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039173.D
Acq: 12 Dec 2023 18:05

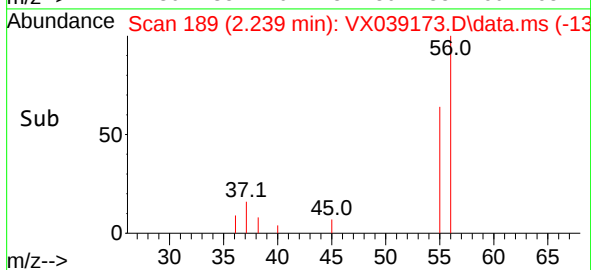
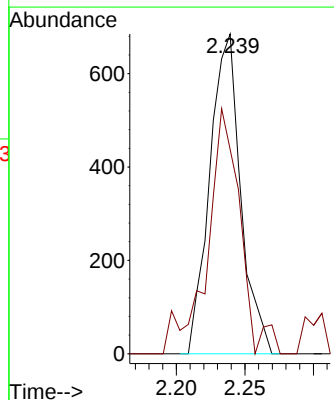
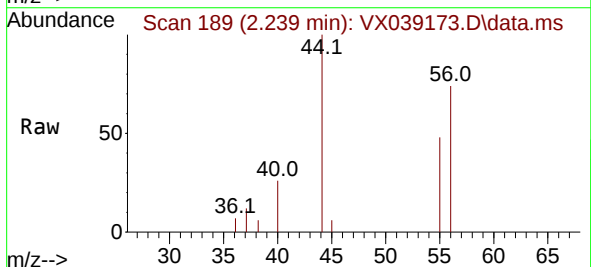
Instrument :
MSVOA_X
ClientSampleId :
OF-3

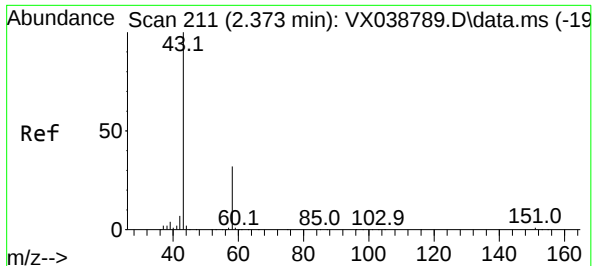
Tgt Ion:168 Resp: 110346
Ion Ratio Lower Upper
168 100
99 69.5 56.6 85.0



#13
Acrolein
Concen: 4.113 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX039173.D
Acq: 12 Dec 2023 18:05

Tgt Ion: 56 Resp: 1076
Ion Ratio Lower Upper
56 100
55 81.5 57.1 85.7

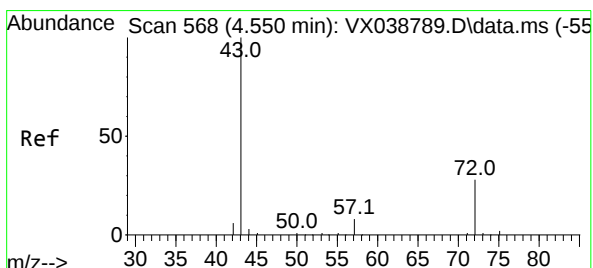
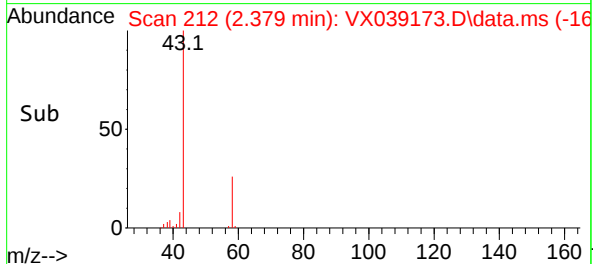
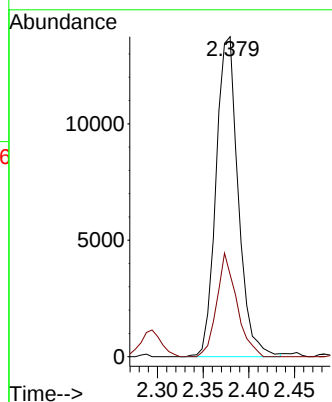
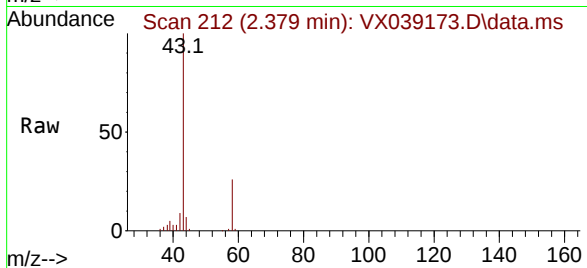




#16
Acetone
Concen: 24.529 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX039173.D
Acq: 12 Dec 2023 18:05

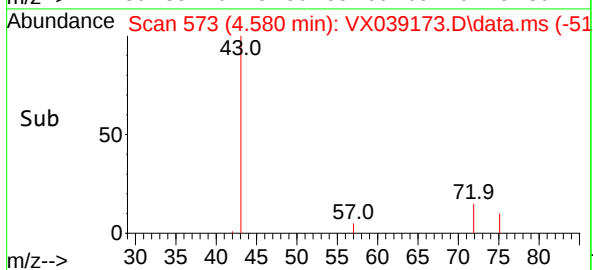
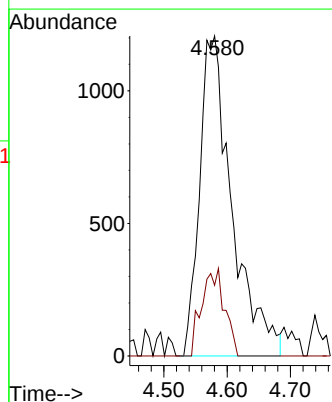
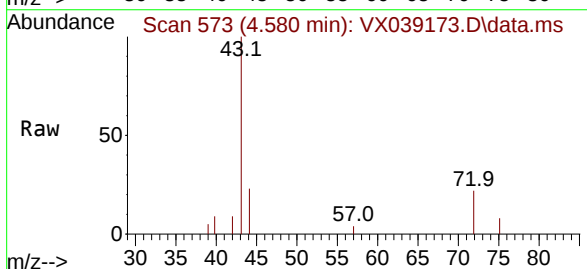
Instrument :
MSVOA_X
ClientSampleId :
OF-3

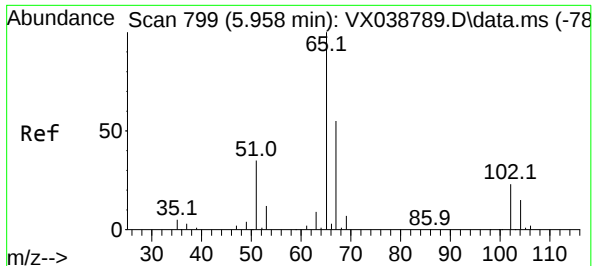
Tgt Ion: 43 Resp: 23217
Ion Ratio Lower Upper
43 100
58 25.6 21.9 32.9



#25
2-Butanone
Concen: 2.807 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.030 min
Lab File: VX039173.D
Acq: 12 Dec 2023 18:05

Tgt Ion: 43 Resp: 4309
Ion Ratio Lower Upper
43 100
72 22.1 19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 54.587 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX039173.D

Acq: 12 Dec 2023 18:05

Instrument :

MSVOA_X

ClientSampleId :

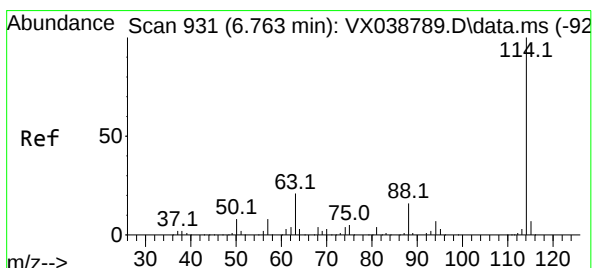
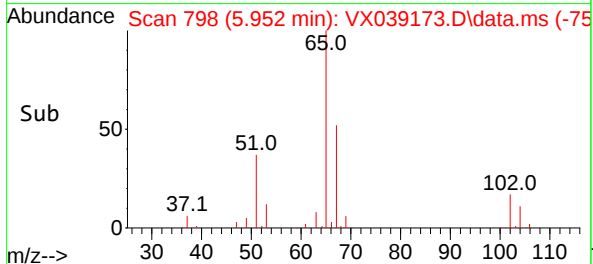
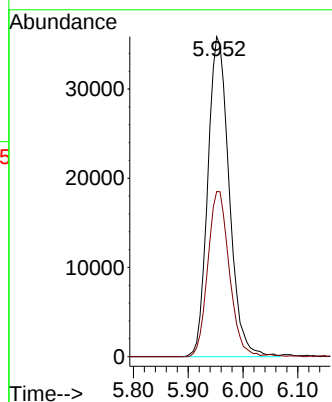
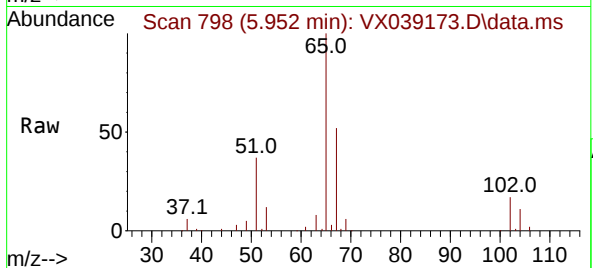
OF-3

Tgt Ion: 65 Resp: 97058

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX039173.D

Acq: 12 Dec 2023 18:05

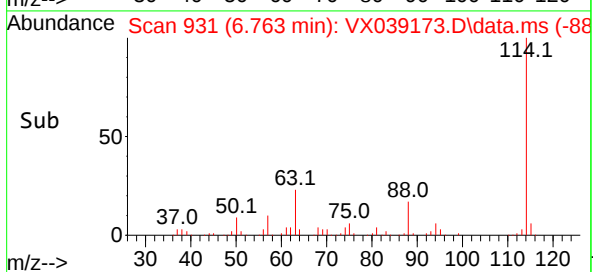
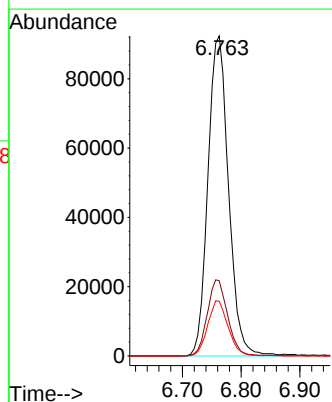
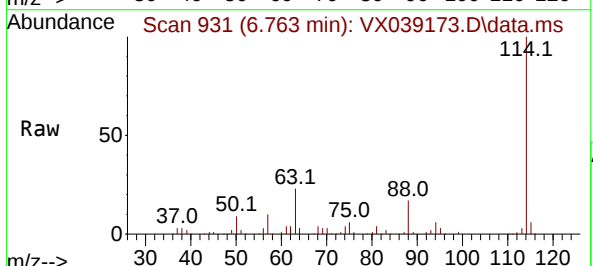
Tgt Ion: 114 Resp: 224953

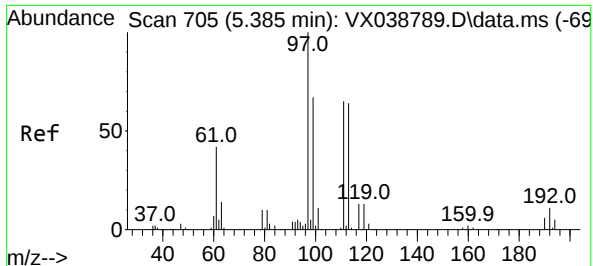
Ion Ratio Lower Upper

114 100

63 23.5 0.0 45.0

88 17.1 0.0 36.6

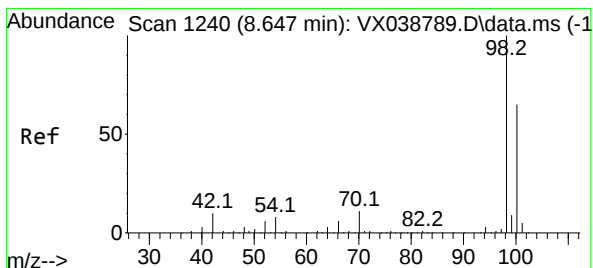
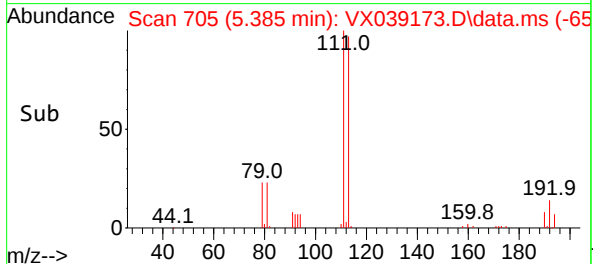
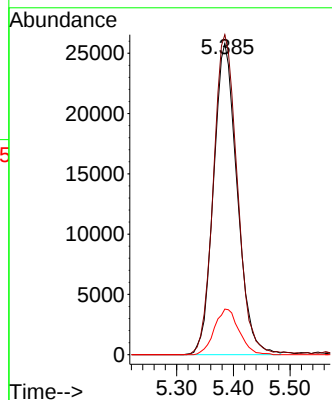
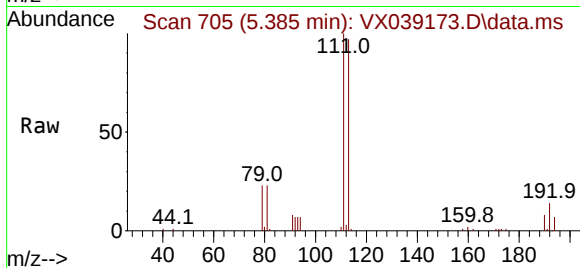




#35
Dibromofluoromethane
Concen: 45.966 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039173.D
Acq: 12 Dec 2023 18:05

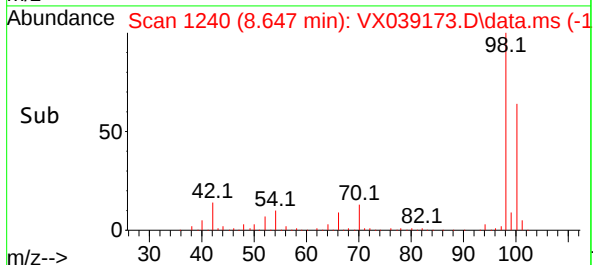
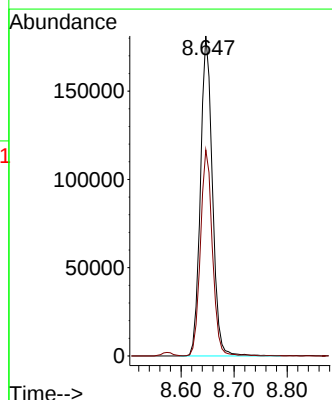
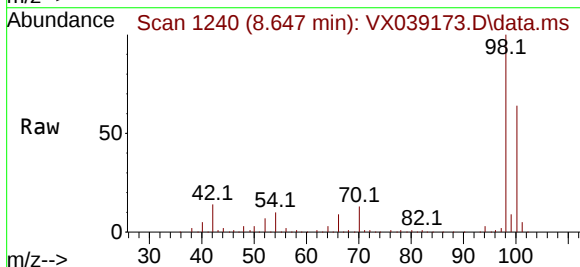
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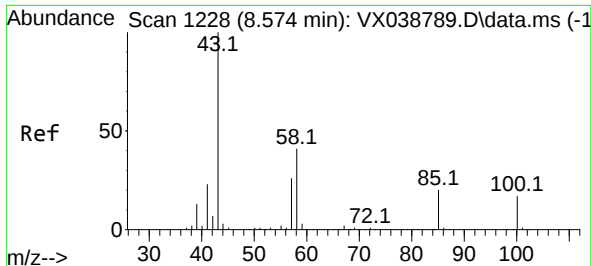
Tgt Ion:113 Resp: 74680
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 15.3 13.3 19.9



#50
Toluene-d8
Concen: 45.709 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039173.D
Acq: 12 Dec 2023 18:05

Tgt Ion: 98 Resp: 284128
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7

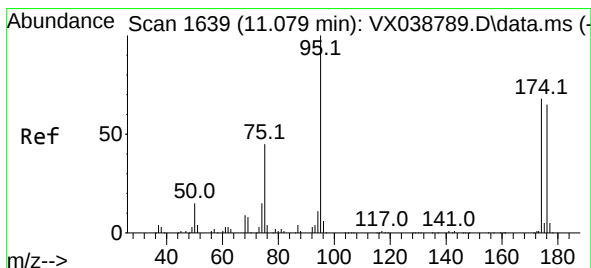
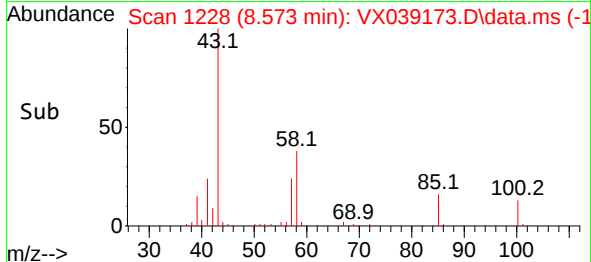
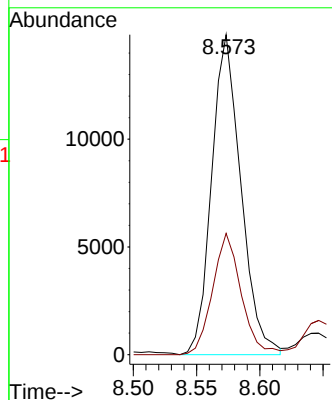
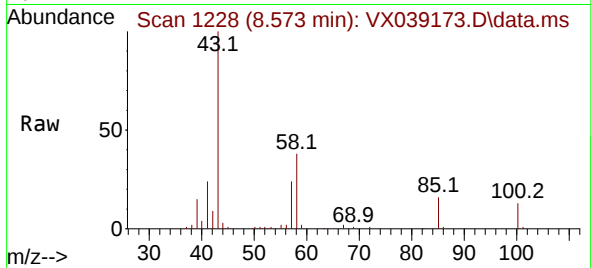




#51
4-Methyl-2-Pentanone
Concen: 7.701 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039173.D
Acq: 12 Dec 2023 18:05

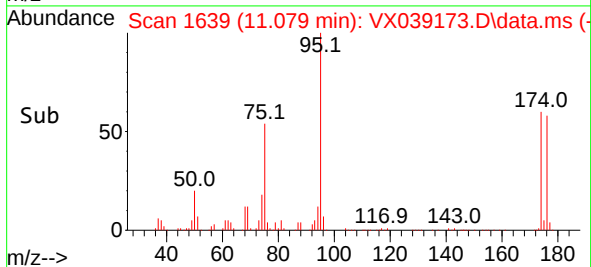
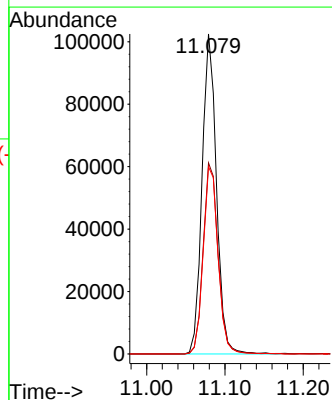
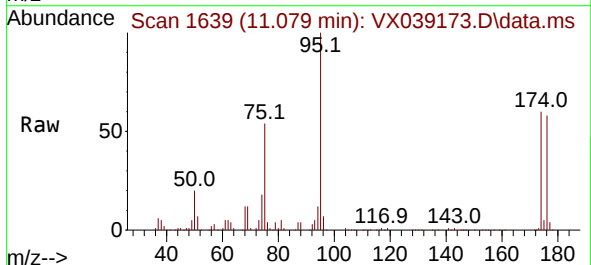
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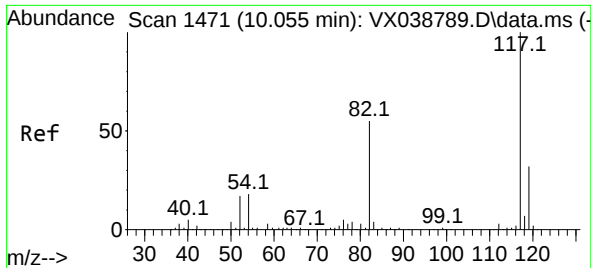
Tgt Ion: 43 Resp: 23860
Ion Ratio Lower Upper
43 100
58 37.0 30.4 45.6



#62
4-Bromofluorobenzene
Concen: 52.472 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039173.D
Acq: 12 Dec 2023 18:05

Tgt Ion: 95 Resp: 130568
Ion Ratio Lower Upper
95 100
174 62.0 0.0 135.6
176 60.5 0.0 131.0

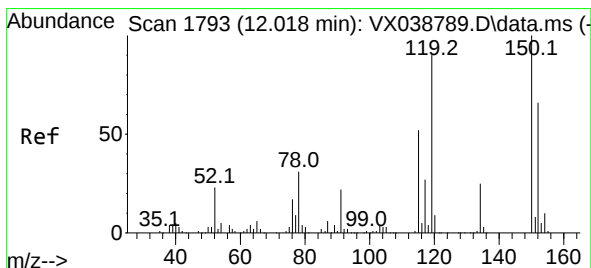
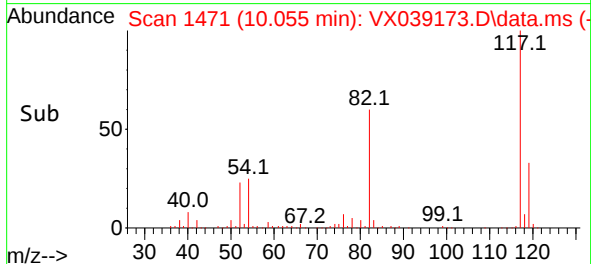
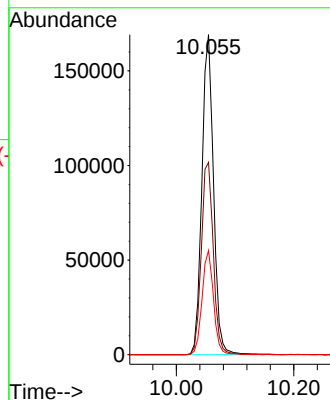
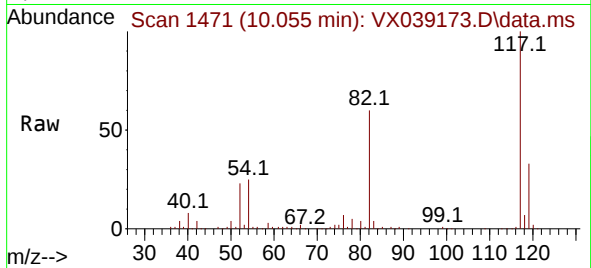




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039173.D
Acq: 12 Dec 2023 18:05

Instrument :
MSVOA_X
ClientSampleId :
OF-3

Tgt Ion:117 Resp: 232356
Ion Ratio Lower Upper
117 100
82 60.1 46.2 69.4
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039173.D
Acq: 12 Dec 2023 18:05

Tgt Ion:152 Resp: 115772
Ion Ratio Lower Upper
152 100
115 69.5 43.3 129.9
150 158.2 0.0 345.0

