

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033023\
 Data File : VX034849.D
 Acq On : 30 Mar 2023 13:56
 Operator : JC/MD
 Sample : 02091-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OF-1

Quant Time: Mar 31 01:31:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 30 11:02:25 2023
 Response via : Initial Calibration

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

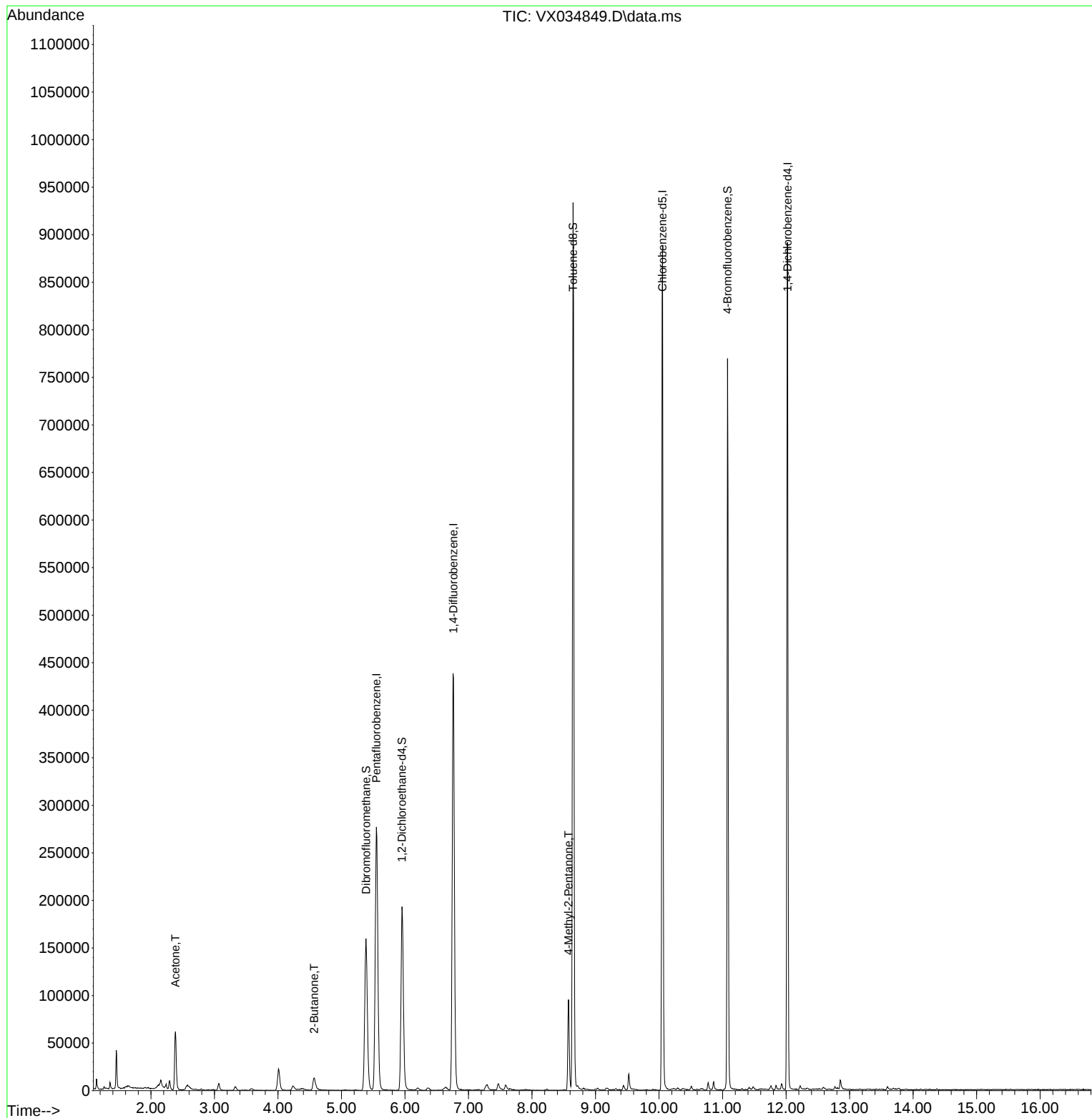
Internal Standards						
1) Pentafluorobenzene	5.549	168	250715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	435295	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	387606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	181780	47.409	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.820%
35) Dibromofluoromethane	5.385	113	135957	47.222	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.440%
50) Toluene-d8	8.646	98	524106	49.318	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.640%
62) 4-Bromofluorobenzene	11.079	95	191573	46.584	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.160%
Target Compounds						
					Qvalue	
16) Acetone	2.385	43	73062	47.086	ug/l	98
25) 2-Butanone	4.568	43	23744	10.545	ug/l	91
51) 4-Methyl-2-Pentanone	8.573	43	58026	13.221	ug/l	98

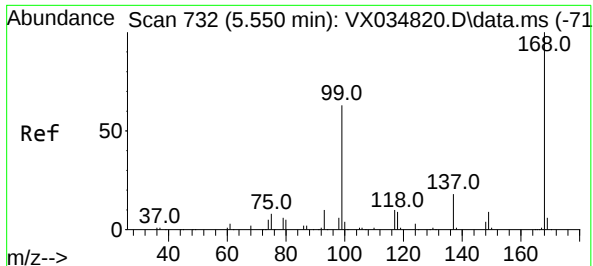
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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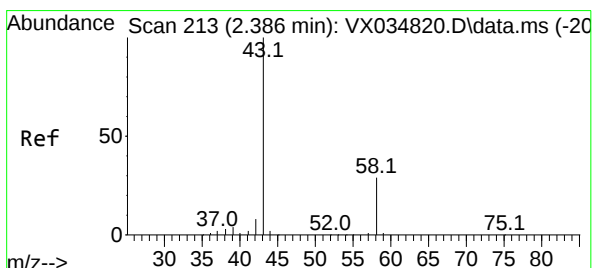
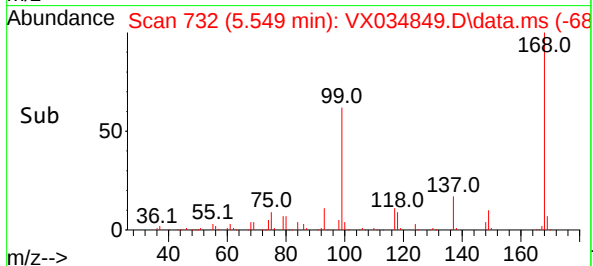
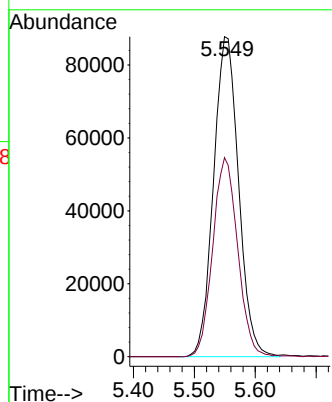
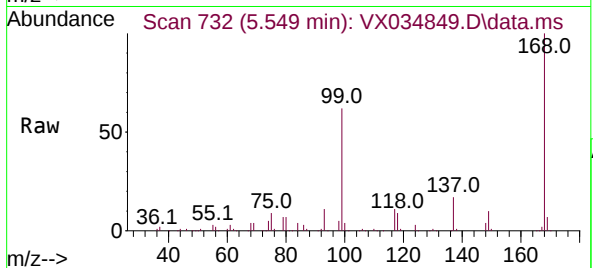




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.001 min
Lab File: VX034849.D
Acq: 30 Mar 2023 13:56

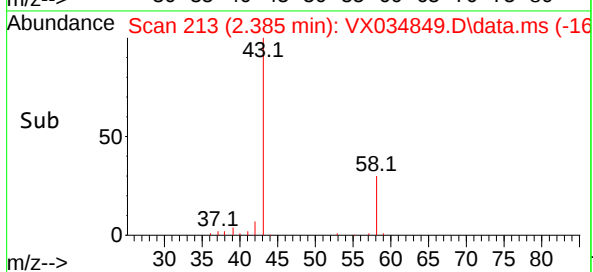
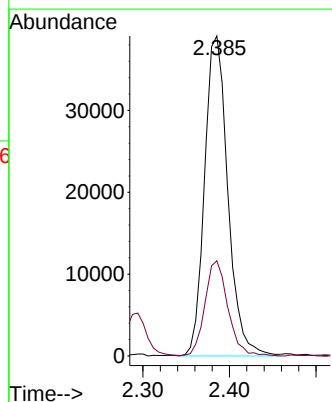
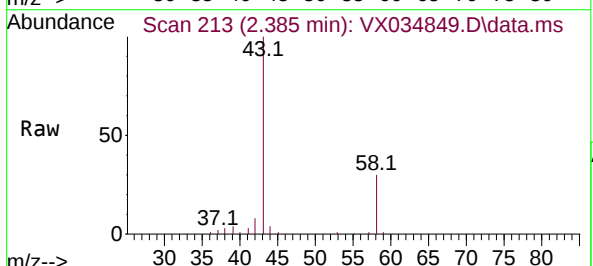
Instrument :
MSVOA_X
ClientSampleId :
OF-1

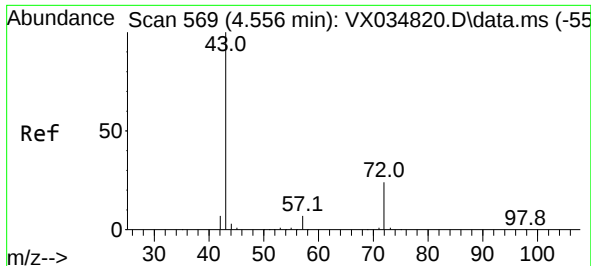
Tgt Ion:168 Resp: 250715
Ion Ratio Lower Upper
168 100
99 62.2 45.7 68.5



#16
Acetone
Concen: 47.086 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX034849.D
Acq: 30 Mar 2023 13:56

Tgt Ion: 43 Resp: 73062
Ion Ratio Lower Upper
43 100
58 29.7 24.7 37.1





#25

2-Butanone

Concen: 10.545 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX034849.D

Acq: 30 Mar 2023 13:56

Instrument :

MSVOA_X

ClientSampleId :

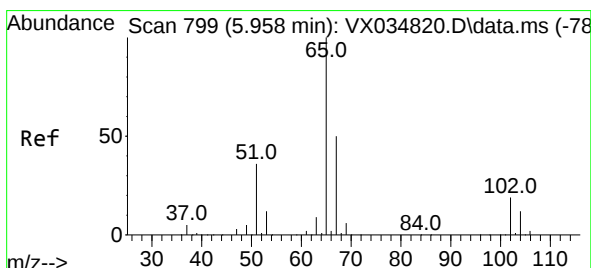
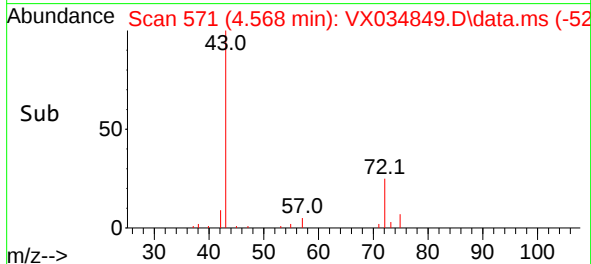
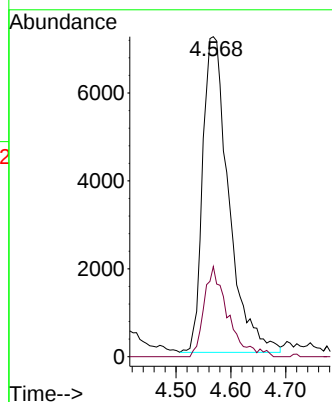
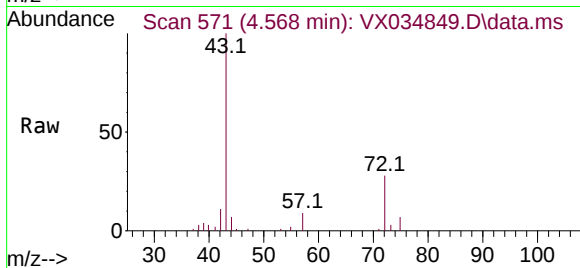
OF-1

Tgt Ion: 43 Resp: 23744

Ion Ratio Lower Upper

43 100

72 28.6 19.3 28.9



#33

1,2-Dichloroethane-d4

Concen: 47.409 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX034849.D

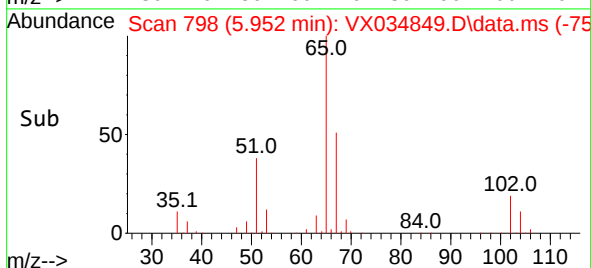
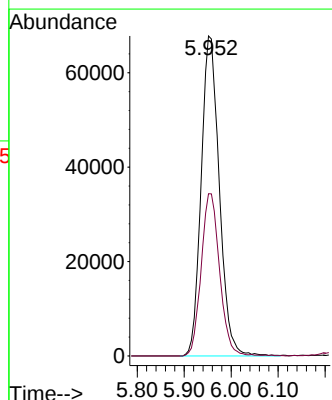
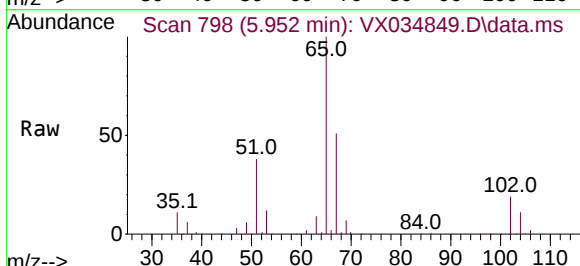
Acq: 30 Mar 2023 13:56

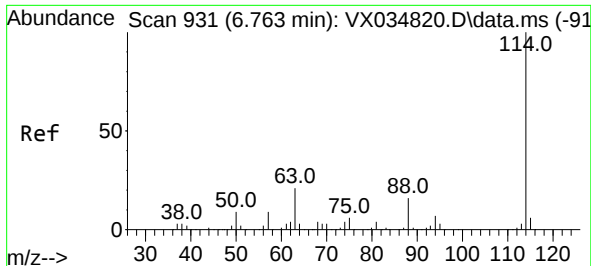
Tgt Ion: 65 Resp: 181780

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.0

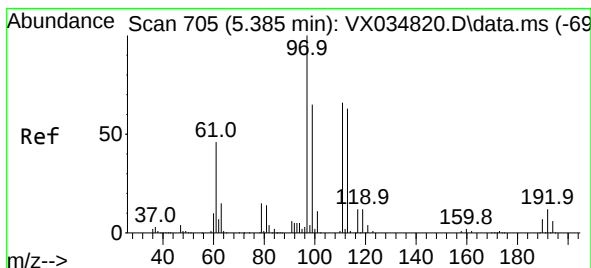
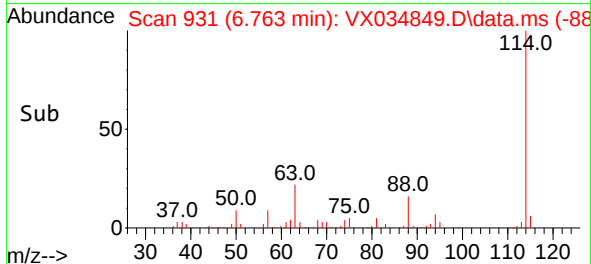
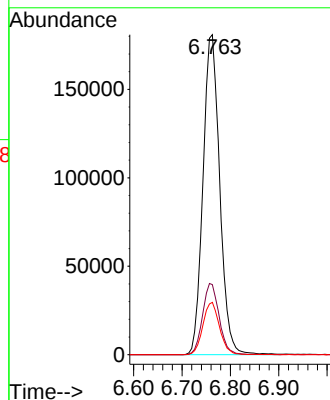
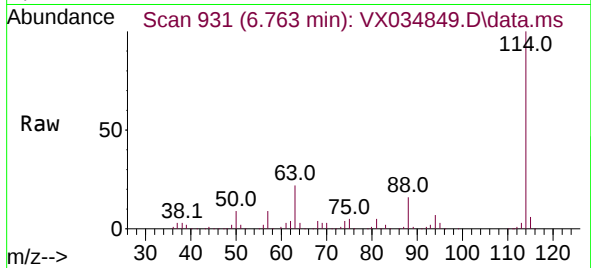




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034849.D
Acq: 30 Mar 2023 13:56

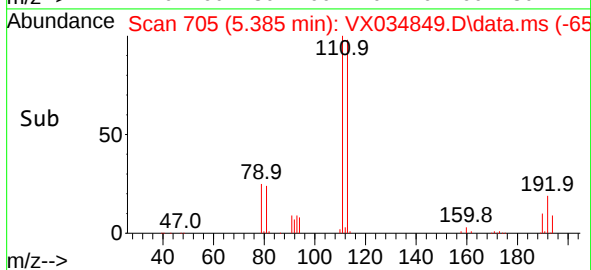
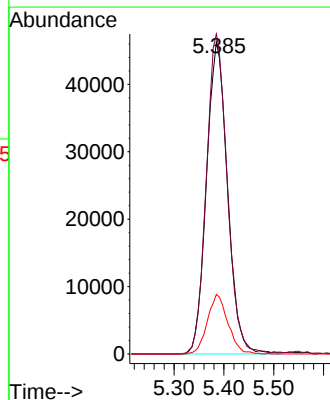
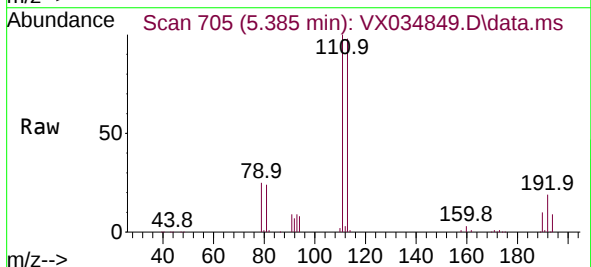
Instrument :
MSVOA_X
ClientSampleId :
OF-1

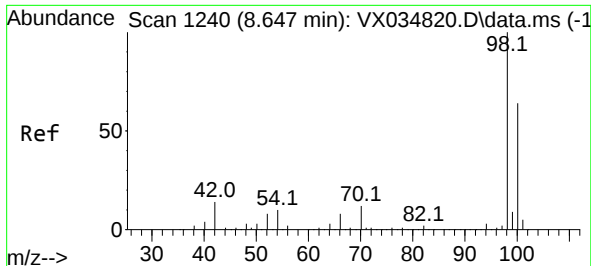
Tgt Ion:114 Resp: 435295
Ion Ratio Lower Upper
114 100
63 21.9 0.0 42.2
88 16.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.222 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034849.D
Acq: 30 Mar 2023 13:56

Tgt Ion:113 Resp: 135957
Ion Ratio Lower Upper
113 100
111 101.6 83.7 125.5
192 18.6 15.4 23.2

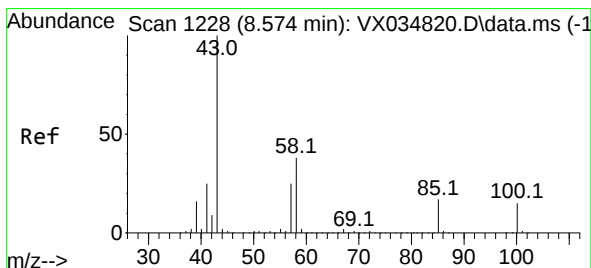
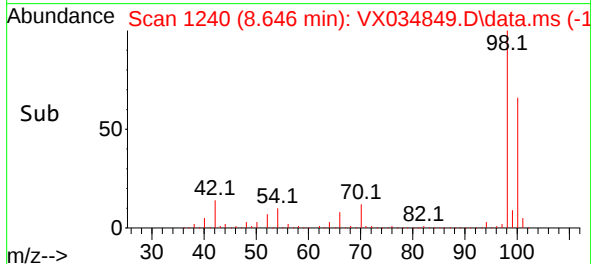
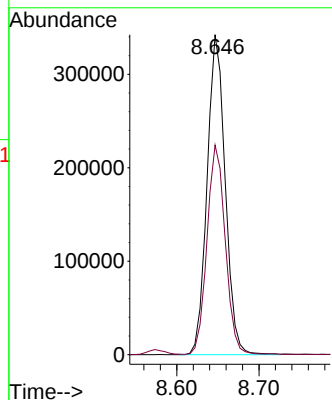
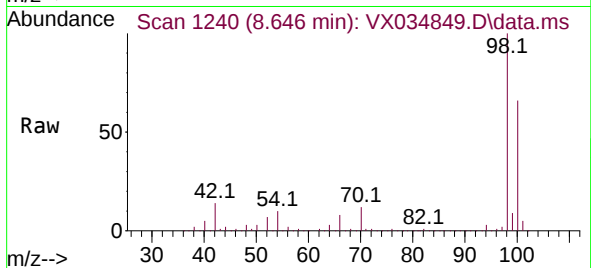




#50
Toluene-d8
Concen: 49.318 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034849.D
Acq: 30 Mar 2023 13:56

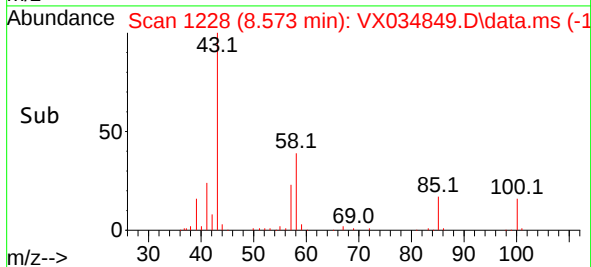
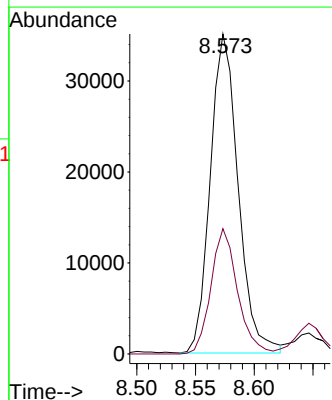
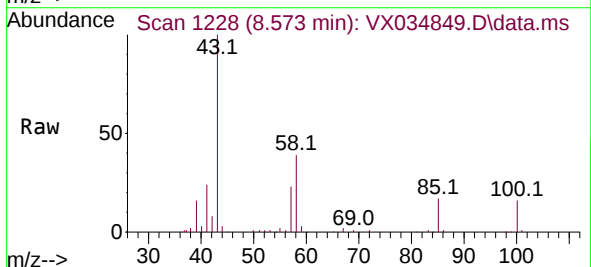
Instrument :
MSVOA_X
ClientSampleId :
OF-1

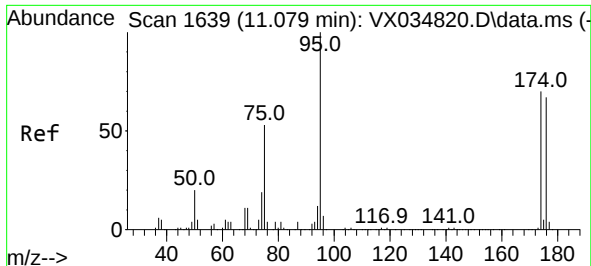
Tgt Ion: 98 Resp: 524106
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 13.221 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX034849.D
Acq: 30 Mar 2023 13:56

Tgt Ion: 43 Resp: 58026
Ion Ratio Lower Upper
43 100
58 37.4 30.6 46.0

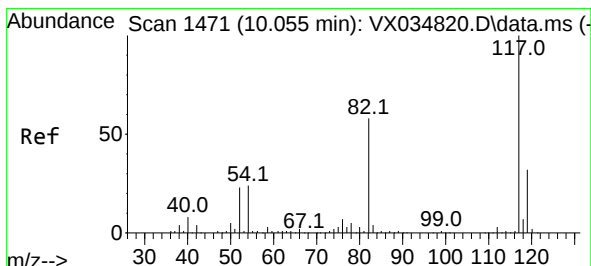
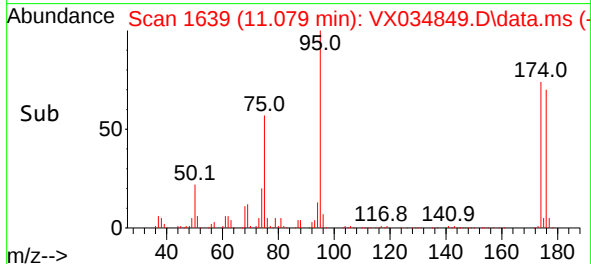
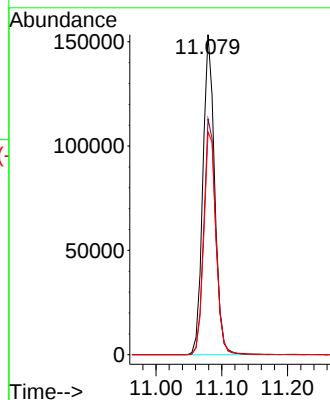
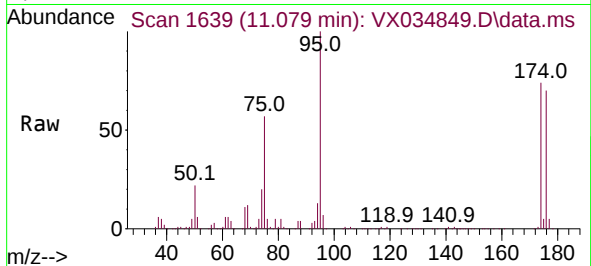




#62
4-Bromofluorobenzene
Concen: 46.584 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034849.D
Acq: 30 Mar 2023 13:56

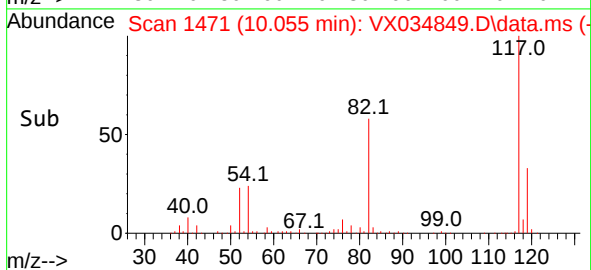
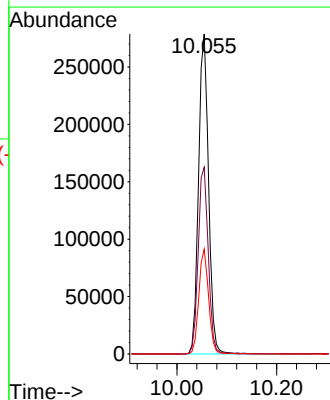
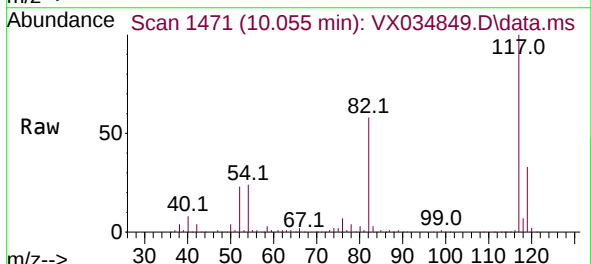
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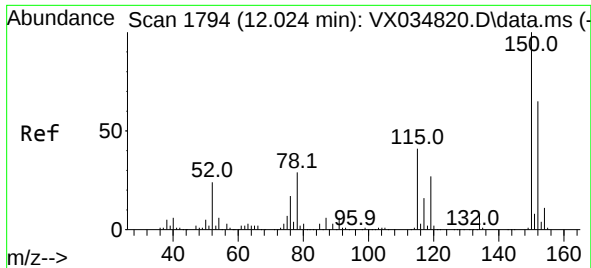
Tgt Ion: 95 Resp: 191573
Ion Ratio Lower Upper
95 100
174 74.8 0.0 147.4
176 72.0 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034849.D
Acq: 30 Mar 2023 13:56

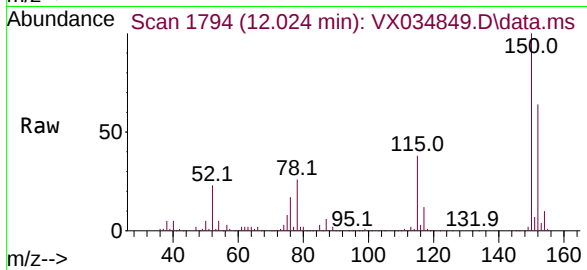
Tgt Ion: 117 Resp: 387606
Ion Ratio Lower Upper
117 100
82 58.3 45.0 67.4
119 32.7 26.0 39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034849.D
 Acq: 30 Mar 2023 13:56

Instrument :
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Tgt Ion:152 Resp: 180896
 Ion Ratio Lower Upper
 152 100
 115 60.3 45.0 135.0
 150 157.0 0.0 352.4

