

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033023\
 Data File : VX034851.D
 Acq On : 30 Mar 2023 14:42
 Operator : JC/MD
 Sample : 02091-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OF-3

Quant Time: Mar 31 01:32:28 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)

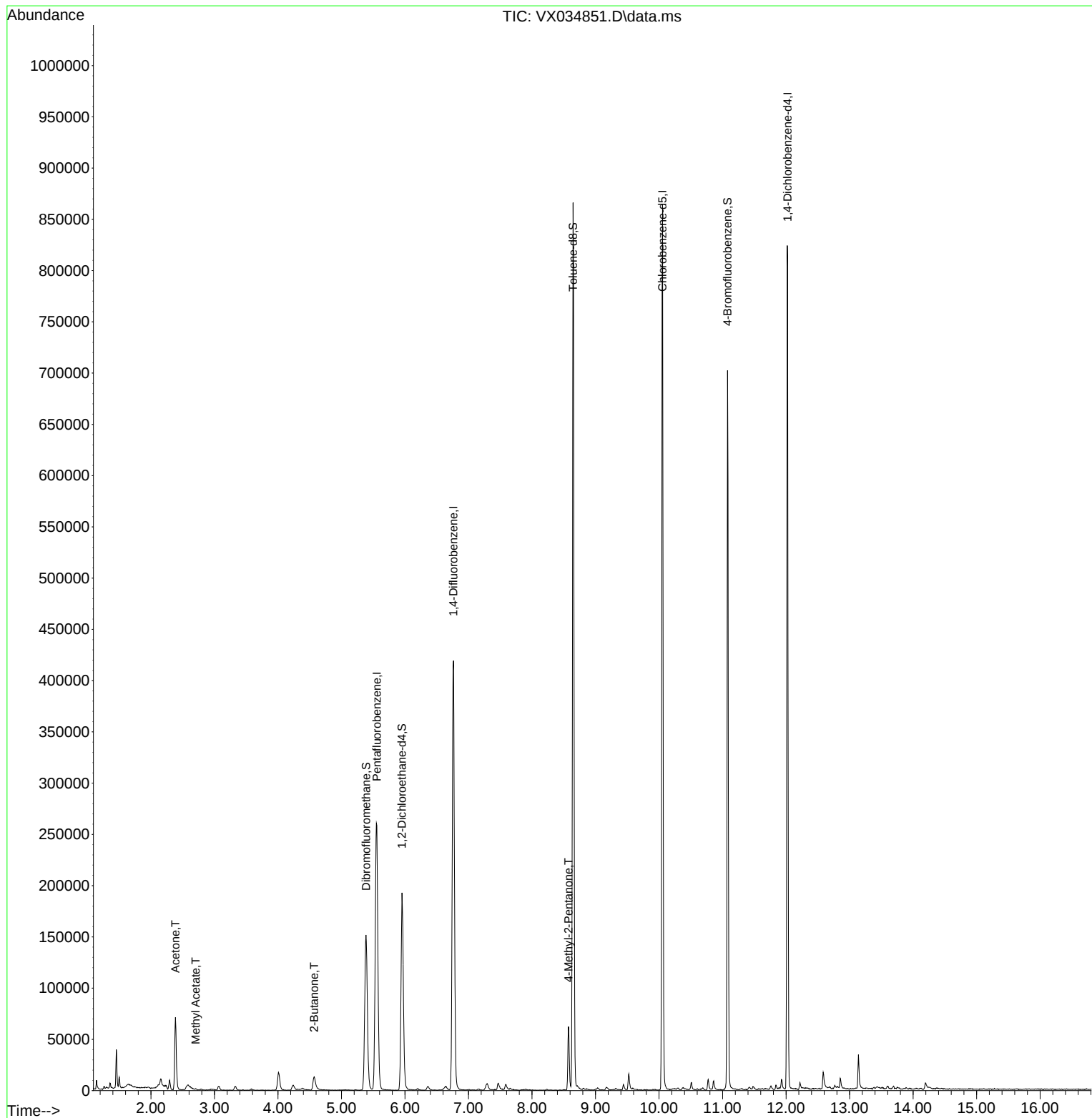
Internal Standards						
1) Pentafluorobenzene	5.556	168	241403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	415412	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	365937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	176125	47.706	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.420%
35) Dibromofluoromethane	5.385	113	131388	47.819	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.640%
50) Toluene-d8	8.647	98	503839	49.680	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.360%
62) 4-Bromofluorobenzene	11.079	95	179413	45.716	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.440%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	81950	54.852	ug/l	97
18) Methyl Acetate	2.703	43	1470	0.279	ug/l	91
25) 2-Butanone	4.568	43	25372	11.702	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	38124	9.102	ug/l	99

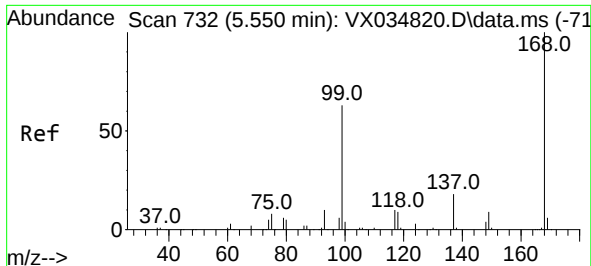
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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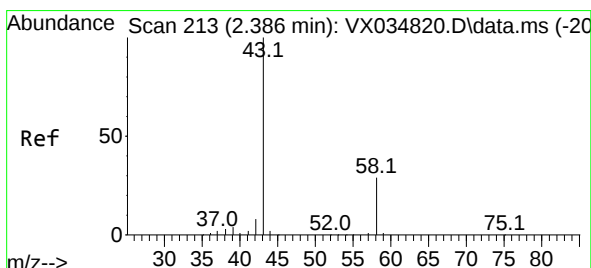
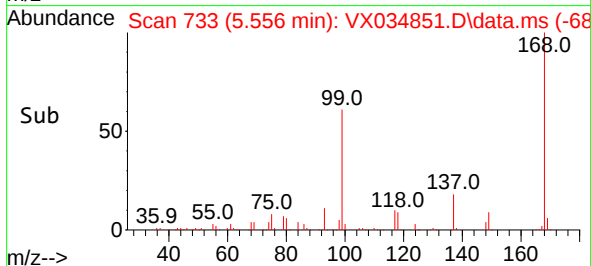
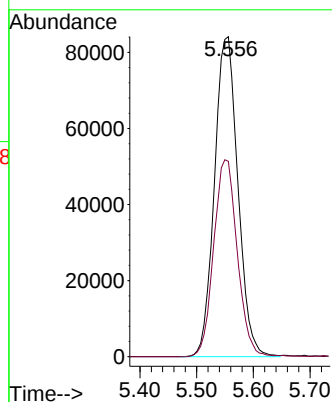
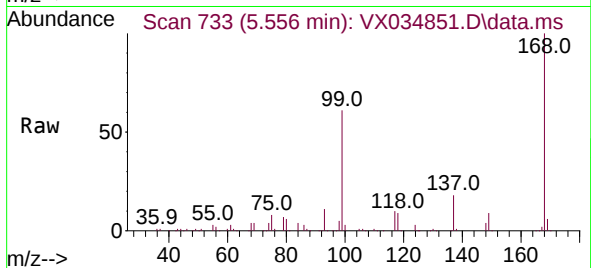




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034851.D
Acq: 30 Mar 2023 14:42

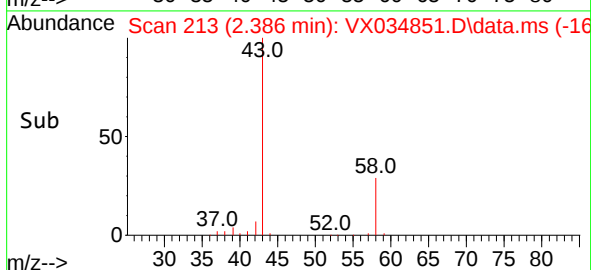
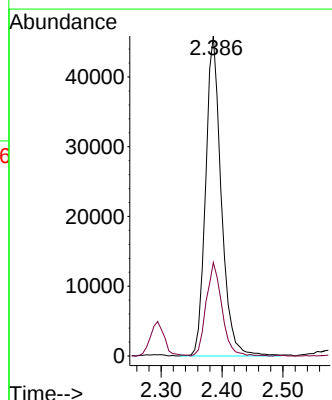
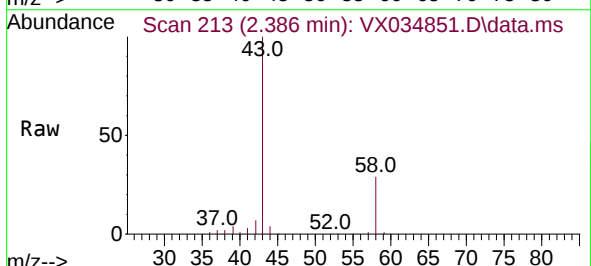
Instrument :
MSVOA_X
ClientSampleId :
OF-3

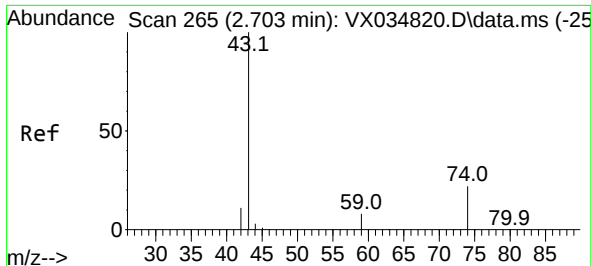
Tgt Ion:168 Resp: 241403
Ion Ratio Lower Upper
168 100
99 61.0 45.7 68.5



#16
Acetone
Concen: 54.852 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX034851.D
Acq: 30 Mar 2023 14:42

Tgt Ion: 43 Resp: 81950
Ion Ratio Lower Upper
43 100
58 29.1 24.7 37.1

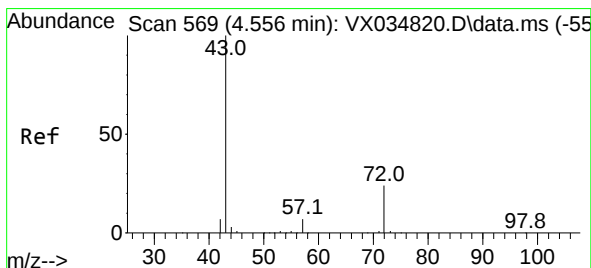
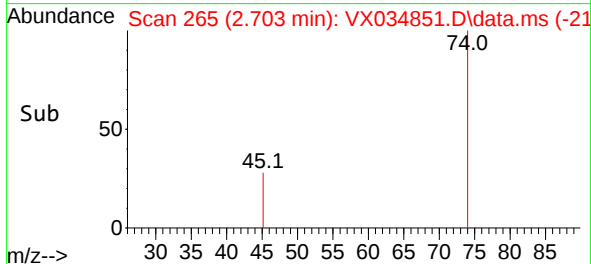
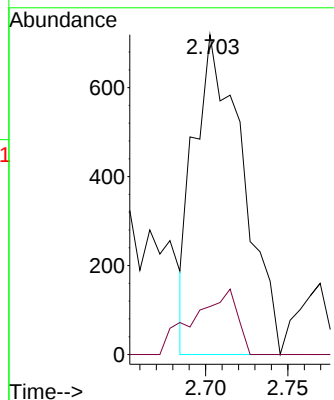
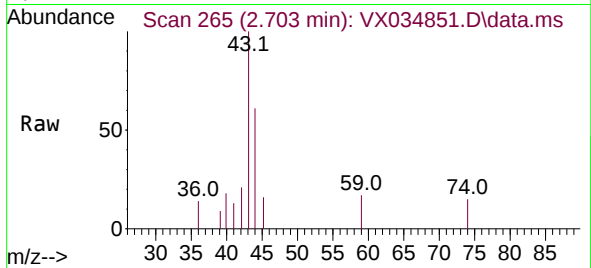




#18
Methyl Acetate
Concen: 0.279 ug/l
RT: 2.703 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034851.D
Acq: 30 Mar 2023 14:42

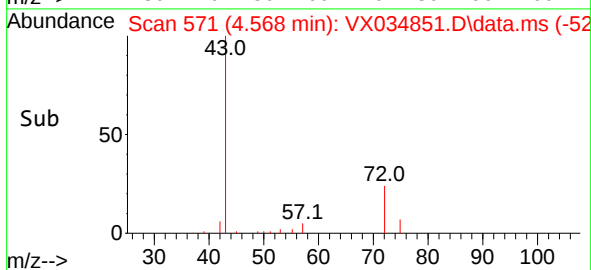
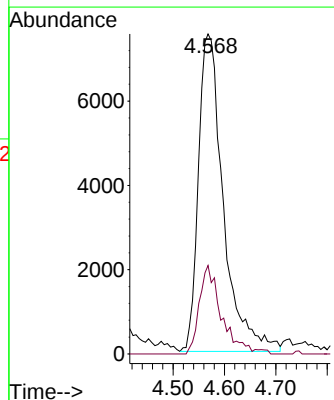
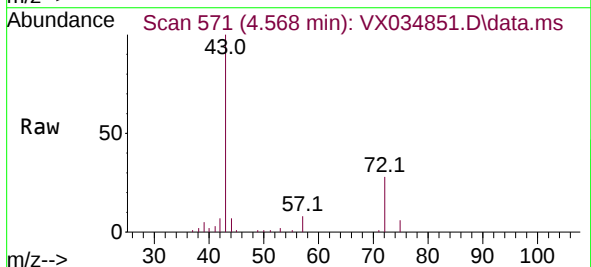
Instrument :
MSVOA_X
ClientSampleId :
OF-3

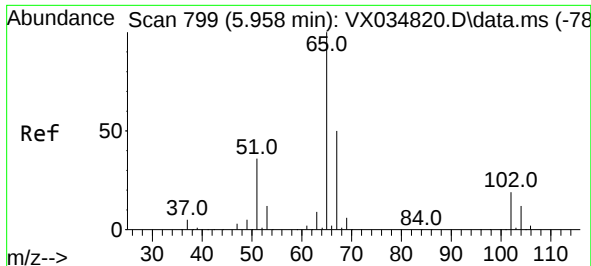
Tgt Ion: 43 Resp: 1470
Ion Ratio Lower Upper
43 100
74 18.4 18.3 27.5



#25
2-Butanone
Concen: 11.702 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX034851.D
Acq: 30 Mar 2023 14:42

Tgt Ion: 43 Resp: 25372
Ion Ratio Lower Upper
43 100
72 27.8 19.3 28.9





#33

1,2-Dichloroethane-d4

Concen: 47.706 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX034851.D

Acq: 30 Mar 2023 14:42

Instrument :

MSVOA_X

ClientSampleId :

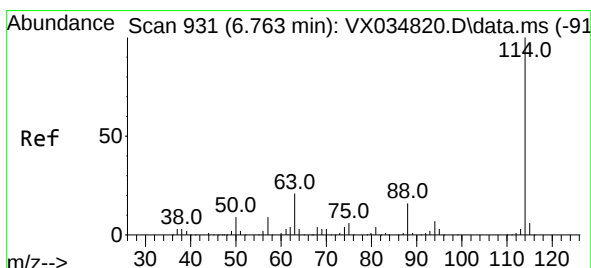
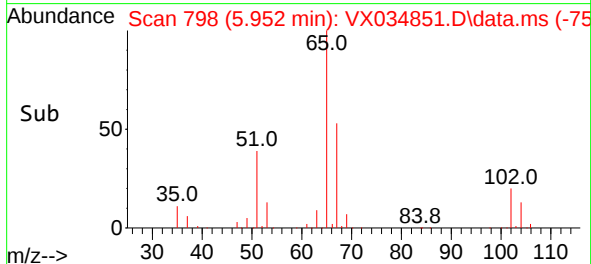
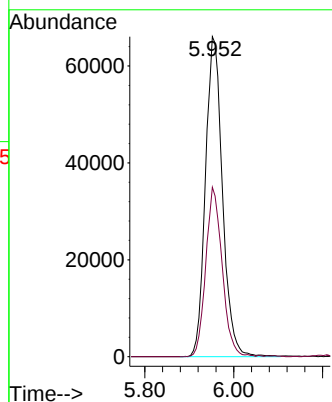
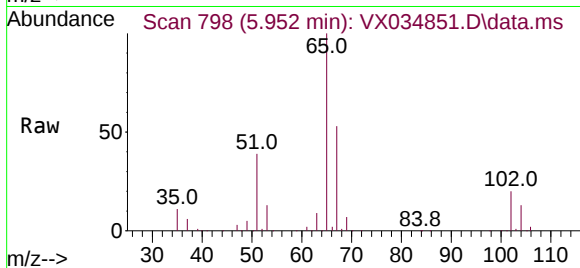
OF-3

Tgt Ion: 65 Resp: 176125

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX034851.D

Acq: 30 Mar 2023 14:42

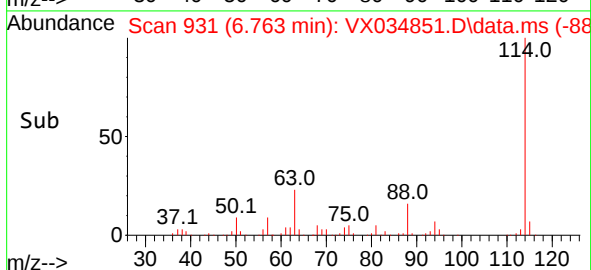
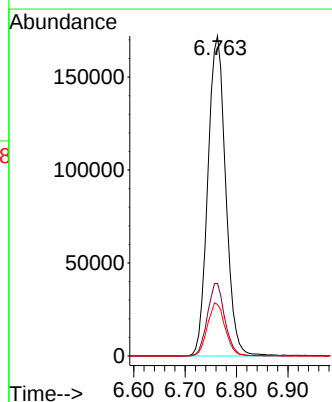
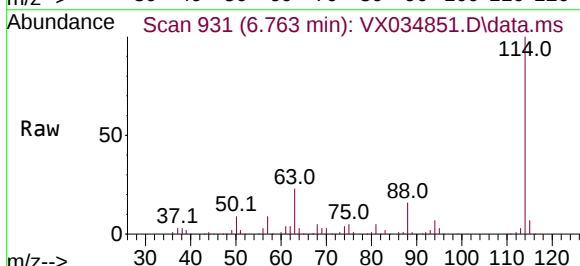
Tgt Ion: 114 Resp: 415412

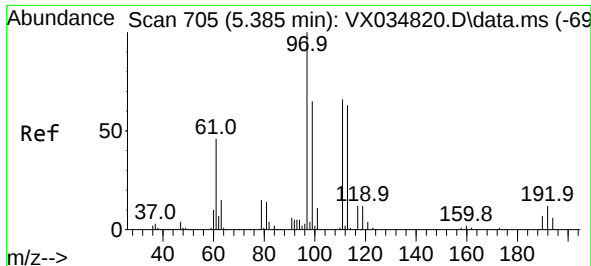
Ion Ratio Lower Upper

114 100

63 22.7 0.0 42.2

88 16.1 0.0 33.2

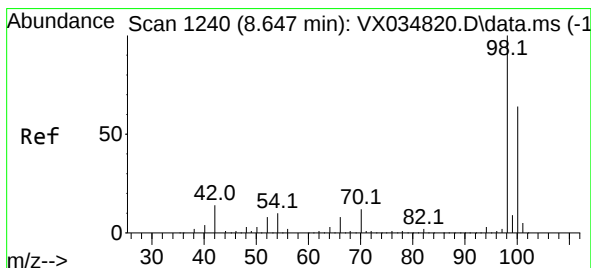
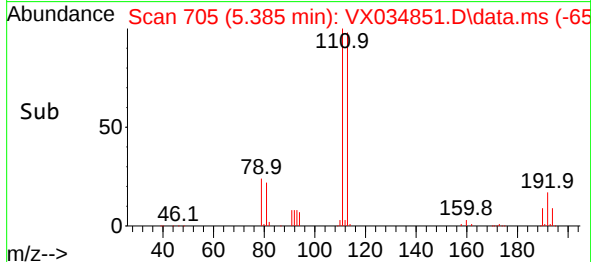
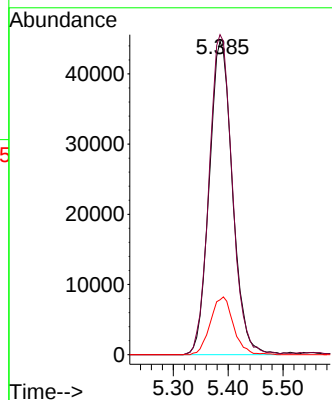
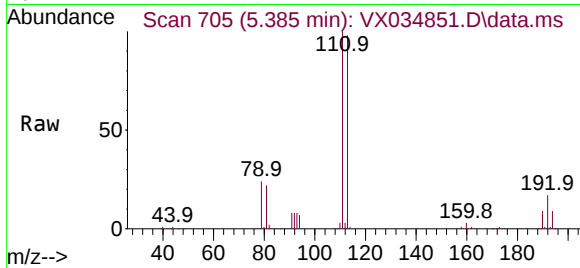




#35
Dibromofluoromethane
Concen: 47.819 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034851.D
Acq: 30 Mar 2023 14:42

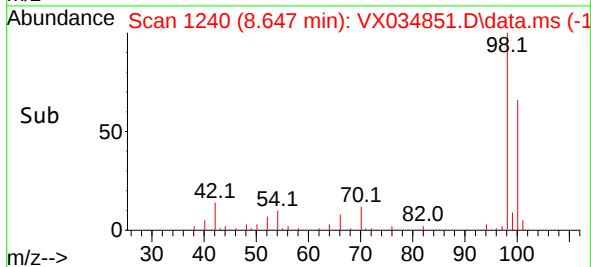
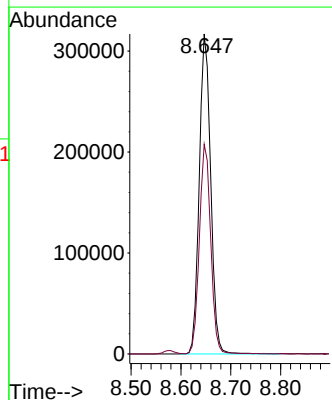
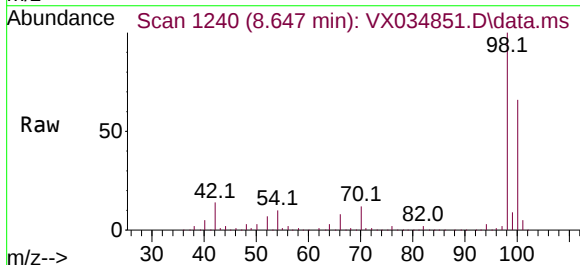
Instrument :
MSVOA_X
ClientSampleId :
OF-3

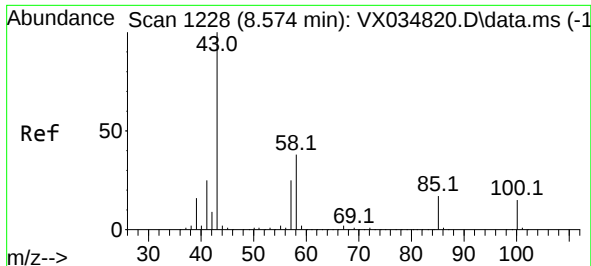
Tgt Ion:113 Resp: 131388
Ion Ratio Lower Upper
113 100
111 102.0 83.7 125.5
192 18.3 15.4 23.2



#50
Toluene-d8
Concen: 49.680 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034851.D
Acq: 30 Mar 2023 14:42

Tgt Ion: 98 Resp: 503839
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 9.102 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX034851.D

Acq: 30 Mar 2023 14:42

Instrument :

MSVOA_X

ClientSampleId :

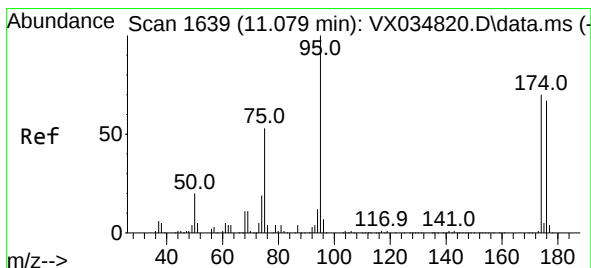
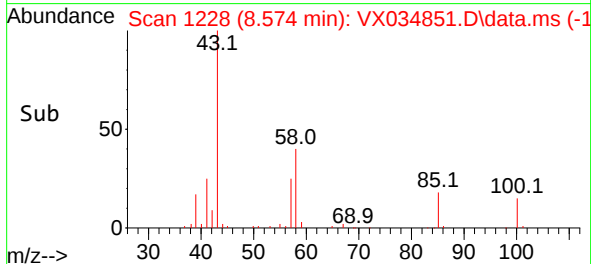
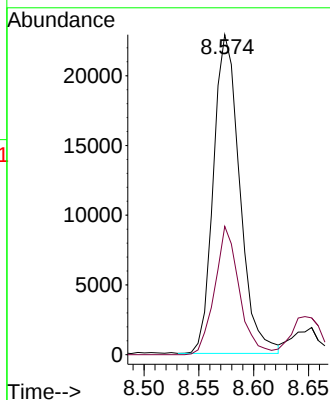
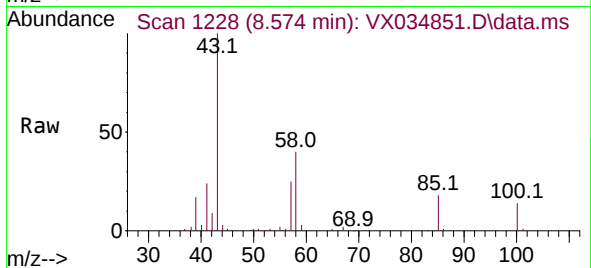
OF-3

Tgt Ion: 43 Resp: 38124

Ion Ratio Lower Upper

43 100

58 37.5 30.6 46.0



#62

4-Bromofluorobenzene

Concen: 45.716 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX034851.D

Acq: 30 Mar 2023 14:42

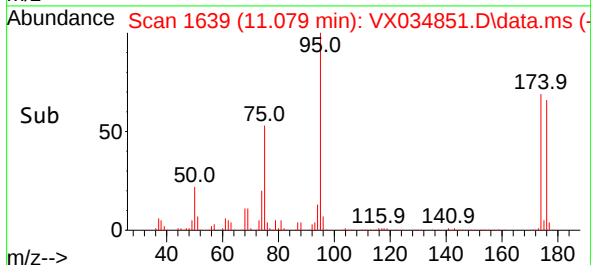
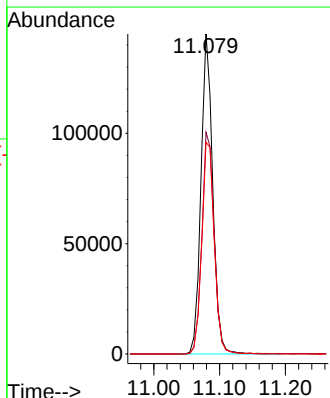
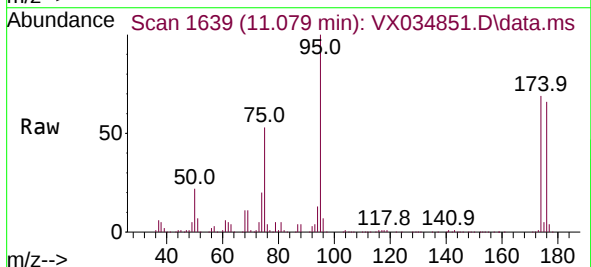
Tgt Ion: 95 Resp: 179413

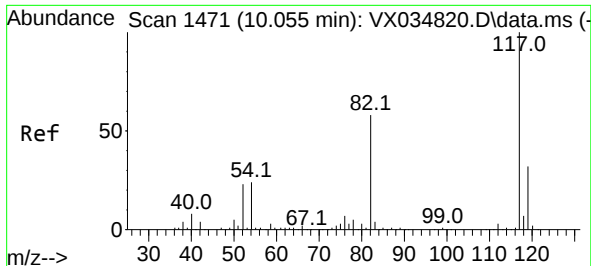
Ion Ratio Lower Upper

95 100

174 72.5 0.0 147.4

176 70.6 0.0 140.6

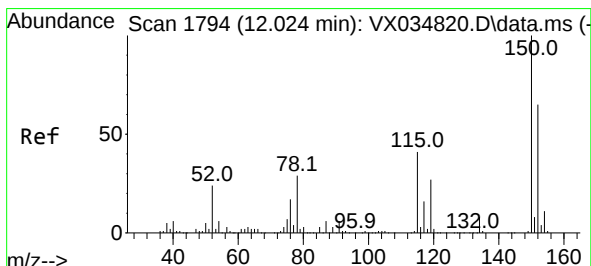
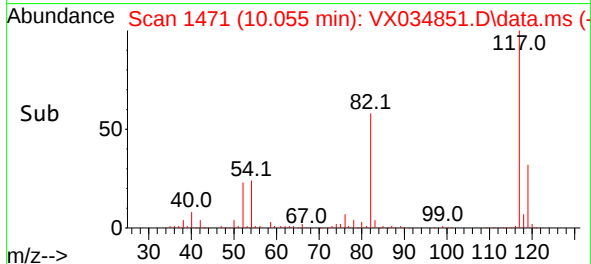
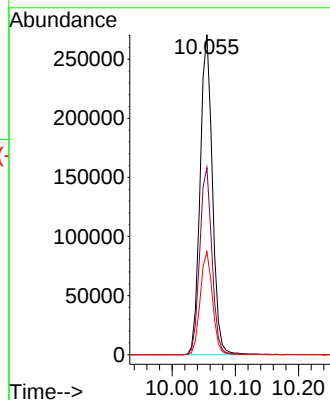
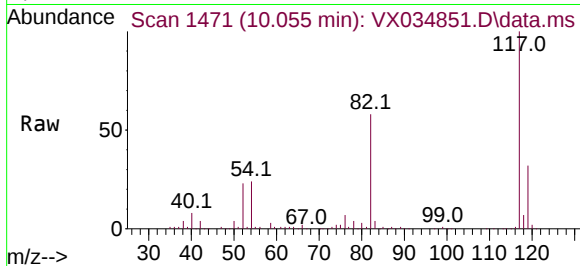




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034851.D
Acq: 30 Mar 2023 14:42

Instrument :
MSVOA_X
ClientSampleId :
OF-3

Tgt Ion:117 Resp: 365937
Ion Ratio Lower Upper
117 100
82 58.5 45.0 67.4
119 32.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034851.D
Acq: 30 Mar 2023 14:42

Tgt Ion:152 Resp: 159433
Ion Ratio Lower Upper
152 100
115 62.5 45.0 135.0
150 161.0 0.0 352.4

