

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011923\
 Data File : VX033809.D
 Acq On : 19 Jan 2023 18:16
 Operator : JC/MD
 Sample : 01217-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BORING-4

Quant Time: Jan 20 05:23:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

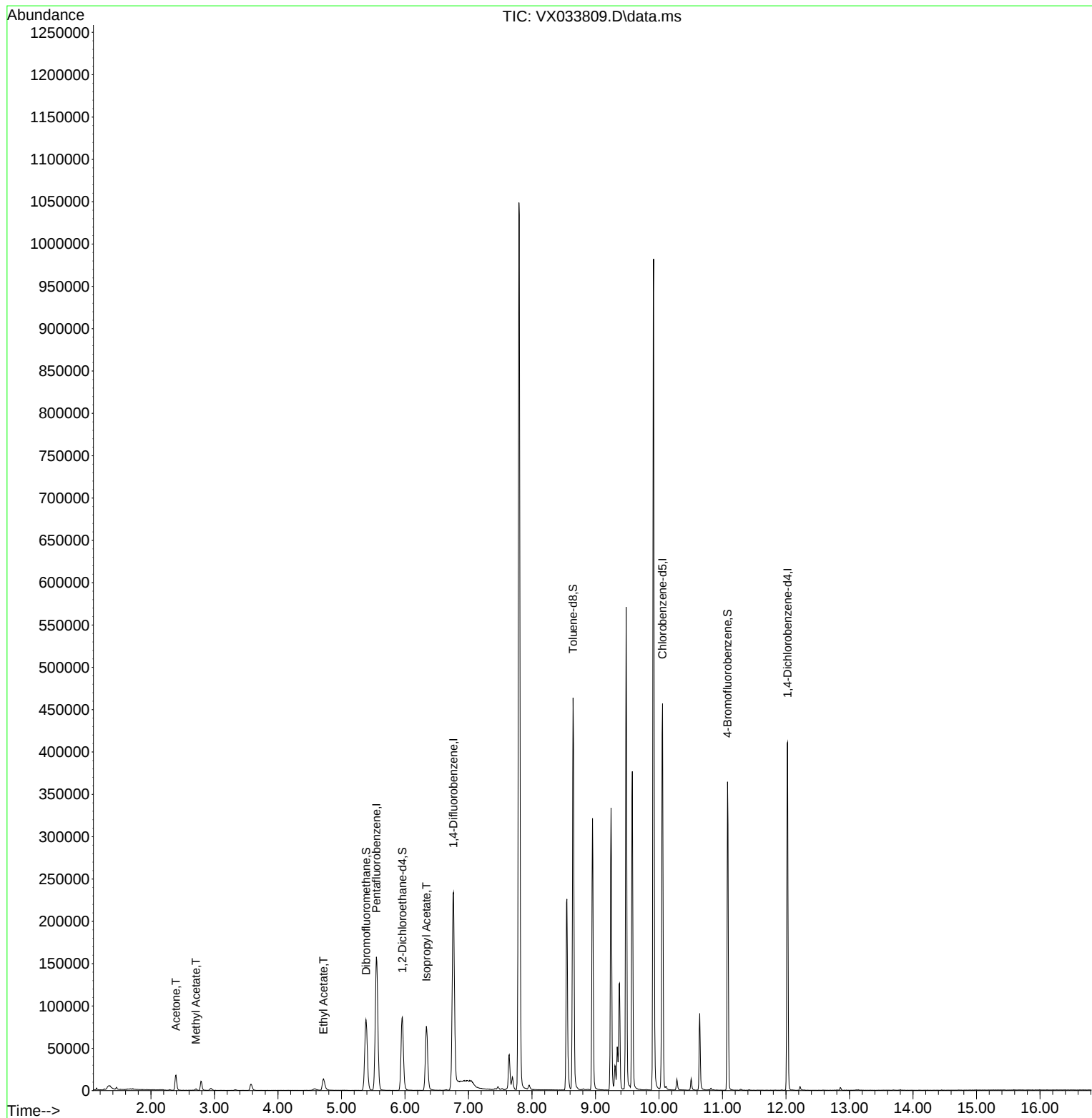
Internal Standards						
1) Pentafluorobenzene	5.550	168	169912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	246817	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82321	46.015	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.020%
35) Dibromofluoromethane	5.385	113	74491	48.604	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.200%
50) Toluene-d8	8.647	98	281689	50.445	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.880%
62) 4-Bromofluorobenzene	11.079	95	95905	46.258	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.520%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	23060	24.283	ug/l	92
18) Methyl Acetate	2.709	43	2523	1.011	ug/l	96
37) Ethyl Acetate	4.715	43	24695	9.241	ug/l	99
43) Isopropyl Acetate	6.336	43	104937	29.718	ug/l	99

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

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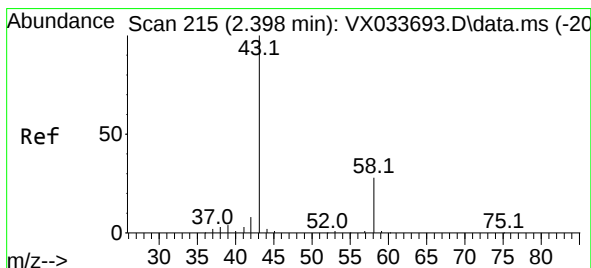
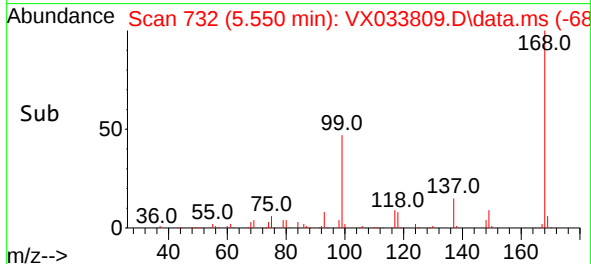
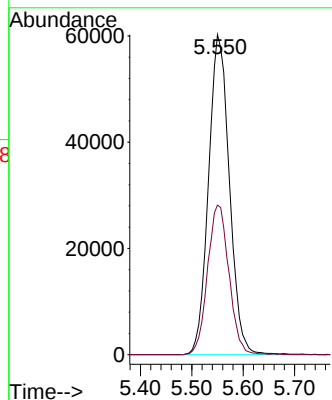
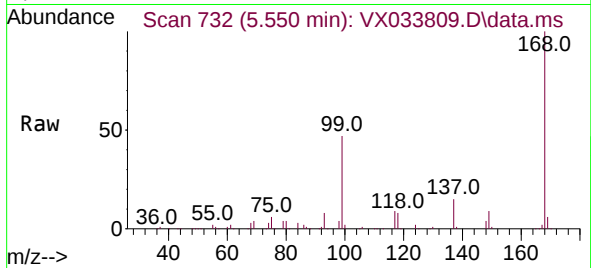




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033809.D
Acq: 19 Jan 2023 18:16

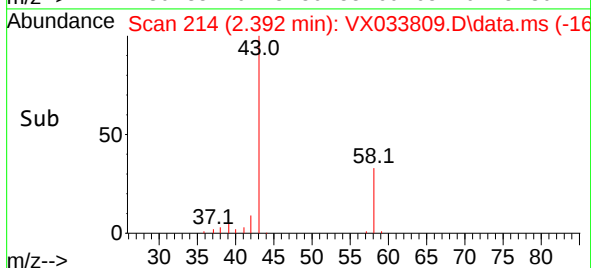
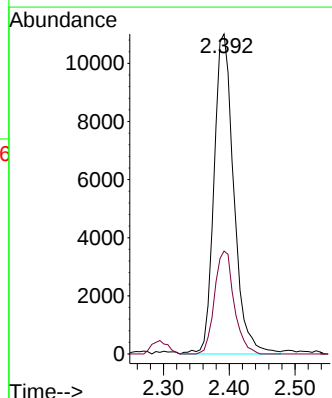
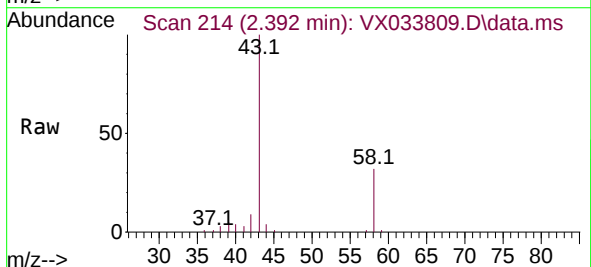
Instrument :
MSVOA_X
ClientSampleId :
BORING-4

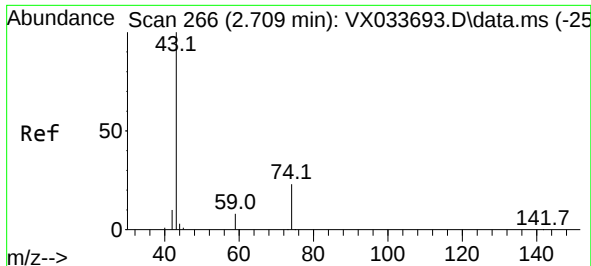
Tgt Ion:168 Resp: 169912
Ion Ratio Lower Upper
168 100
99 46.8 39.6 59.4



#16
Acetone
Concen: 24.283 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX033809.D
Acq: 19 Jan 2023 18:16

Tgt Ion: 43 Resp: 23060
Ion Ratio Lower Upper
43 100
58 32.2 22.6 33.8

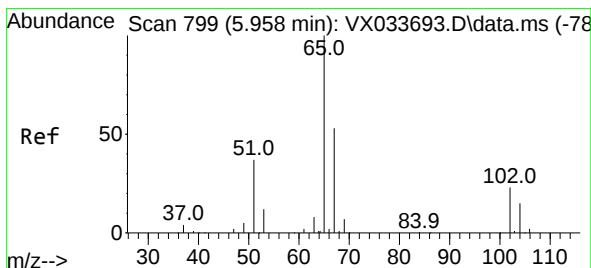
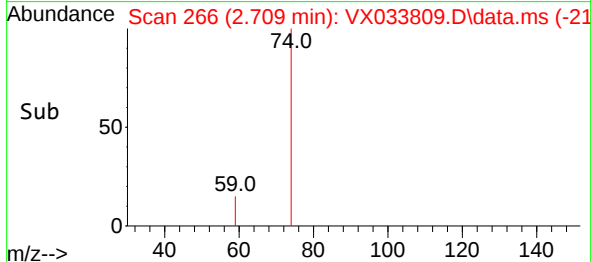
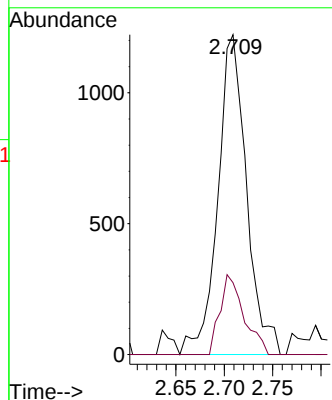
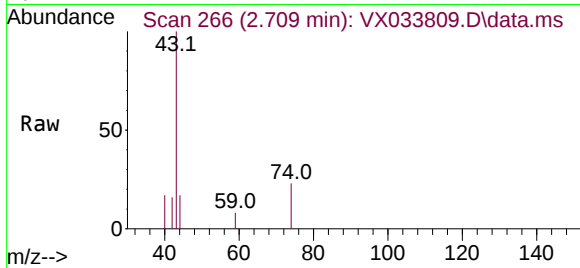




#18
Methyl Acetate
Concen: 1.011 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX033809.D
Acq: 19 Jan 2023 18:16

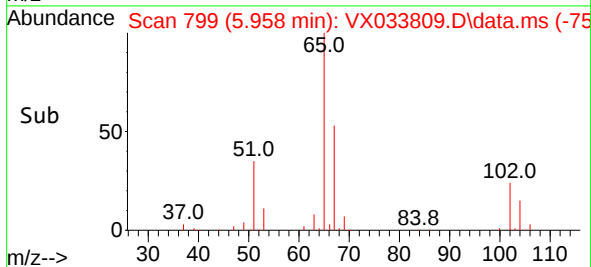
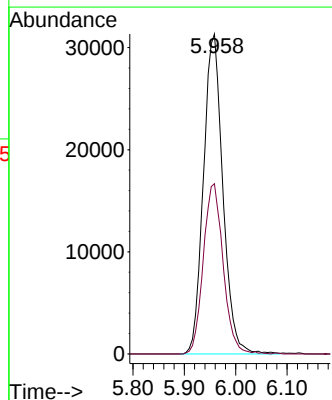
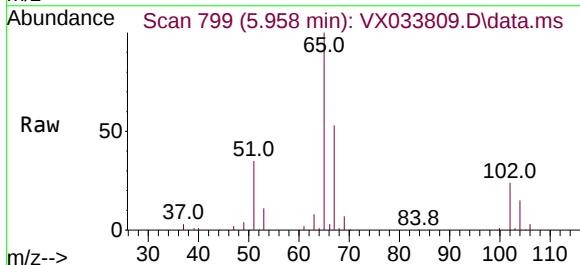
Instrument :
MSVOA_X
ClientSampleId :
BORING-4

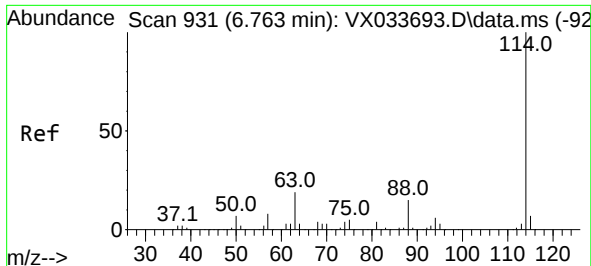
Tgt Ion: 43 Resp: 2523
Ion Ratio Lower Upper
43 100
74 20.8 18.2 27.4



#33
1,2-Dichloroethane-d4
Concen: 46.015 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033809.D
Acq: 19 Jan 2023 18:16

Tgt Ion: 65 Resp: 82321
Ion Ratio Lower Upper
65 100
67 54.3 0.0 104.8

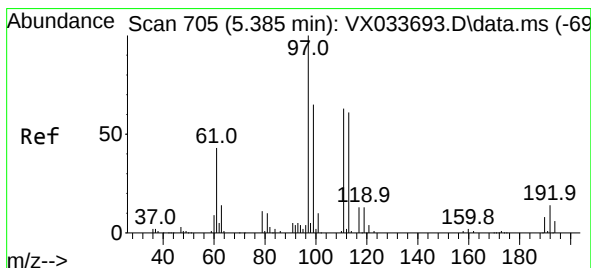
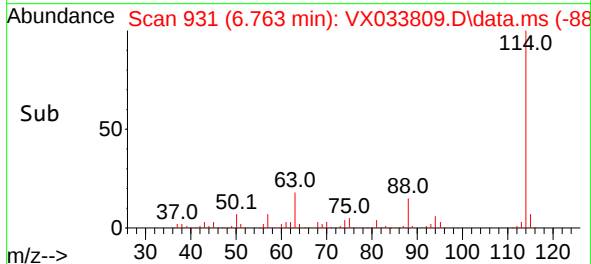
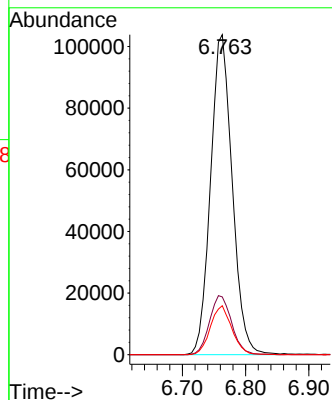
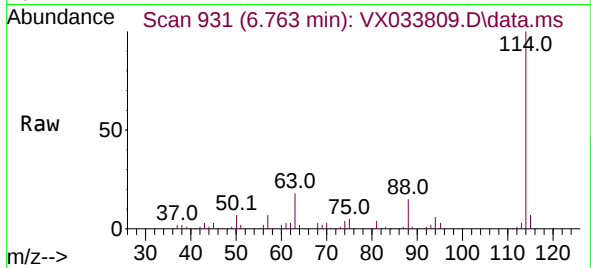




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033809.D
Acq: 19 Jan 2023 18:16

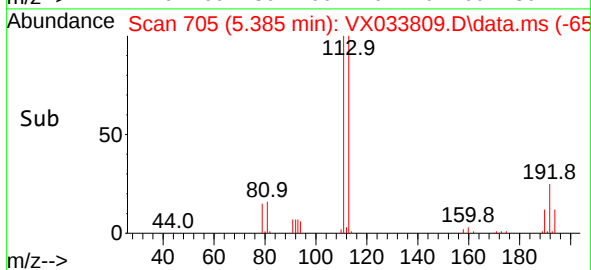
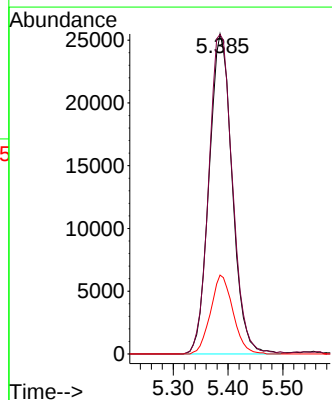
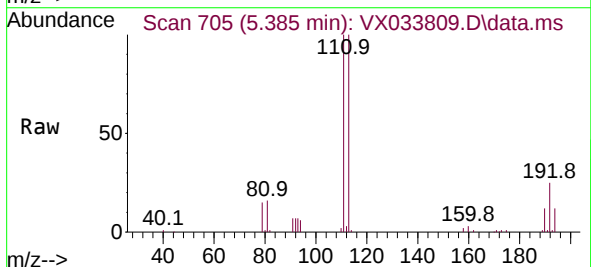
Instrument :
MSVOA_X
ClientSampleId :
BORING-4

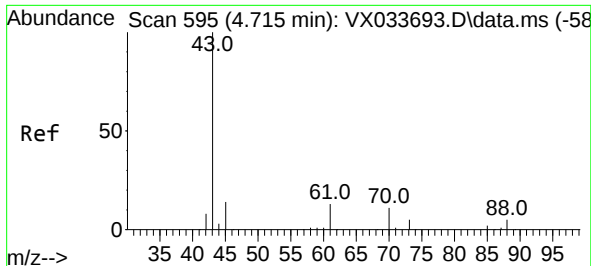
Tgt Ion:114 Resp: 246817
Ion Ratio Lower Upper
114 100
63 18.1 0.0 37.4
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.604 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033809.D
Acq: 19 Jan 2023 18:16

Tgt Ion:113 Resp: 74491
Ion Ratio Lower Upper
113 100
111 102.5 83.0 124.6
192 23.9 19.0 28.4

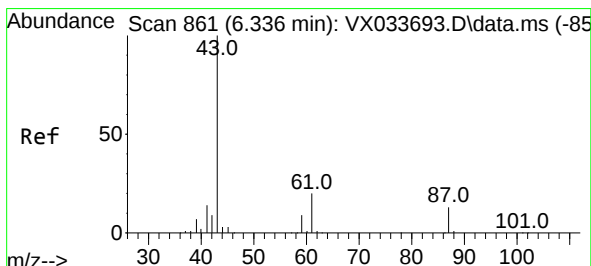
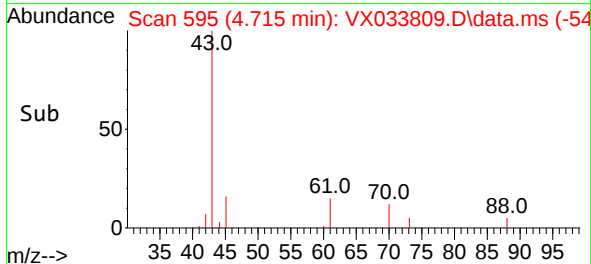
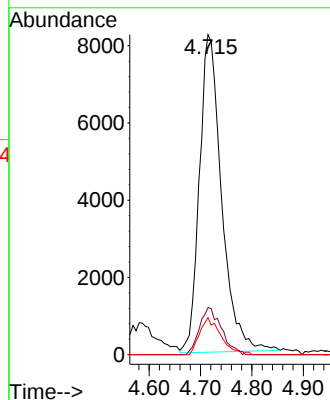
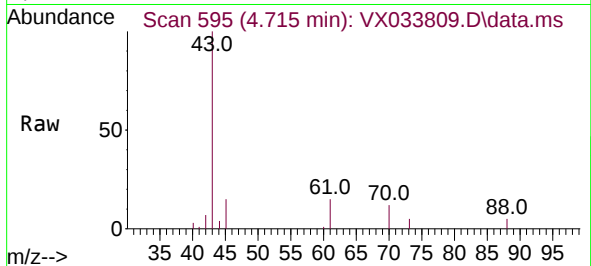




#37
Ethyl Acetate
Concen: 9.241 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX033809.D
Acq: 19 Jan 2023 18:16

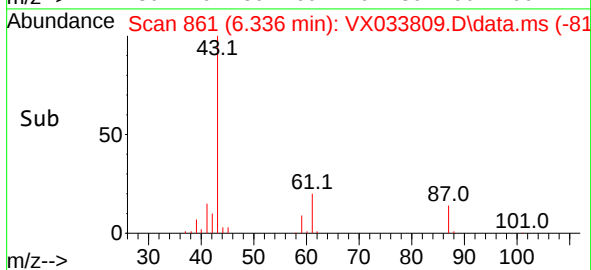
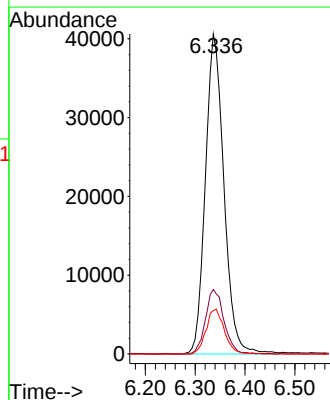
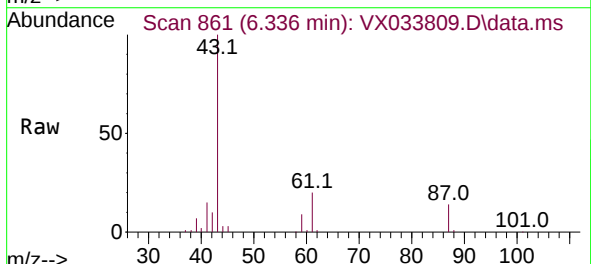
Instrument :
MSVOA_X
ClientSampleId :
BORING-4

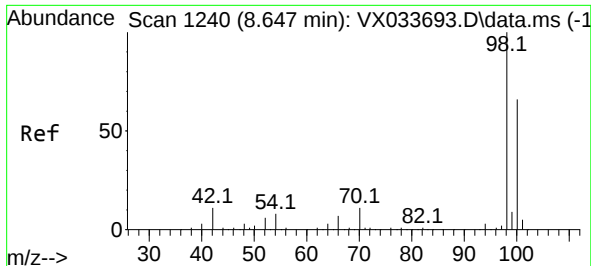
Tgt Ion:	43	Resp:	24695
Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.1	16.7
70	10.9	8.5	12.7



#43
Isopropyl Acetate
Concen: 29.718 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX033809.D
Acq: 19 Jan 2023 18:16

Tgt Ion:	43	Resp:	104937
Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.7	23.5
87	13.8	10.6	15.8

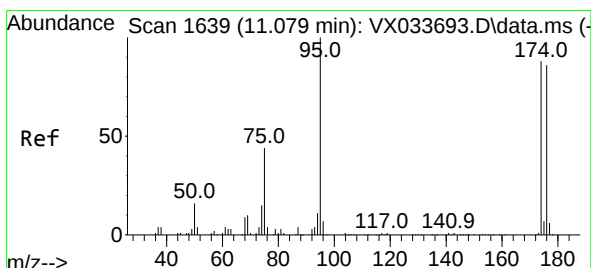
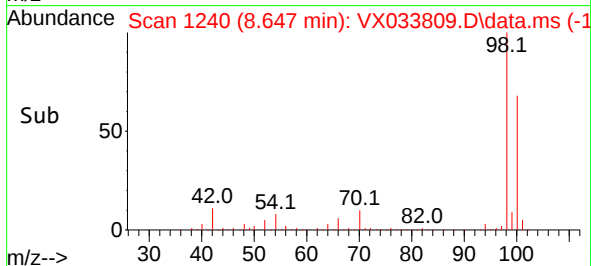
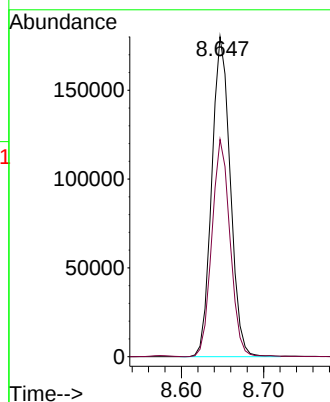
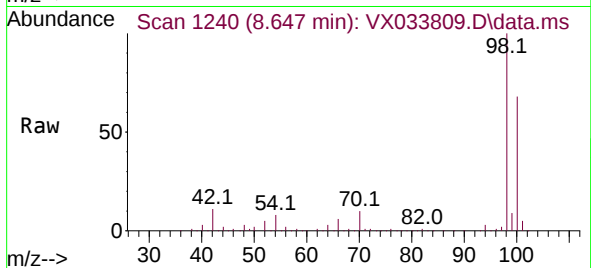




#50
Toluene-d8
Concen: 50.445 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033809.D
Acq: 19 Jan 2023 18:16

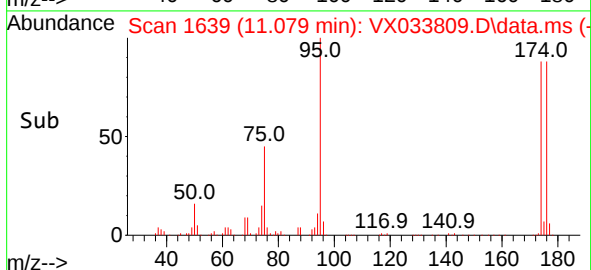
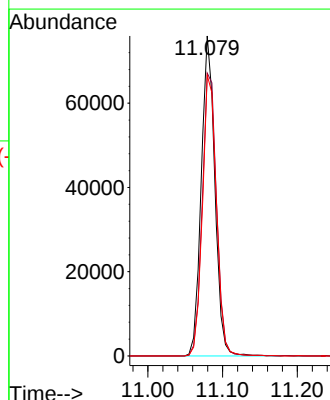
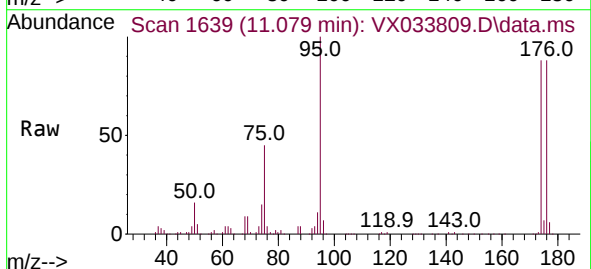
Instrument :
MSVOA_X
ClientSampleId :
BORING-4

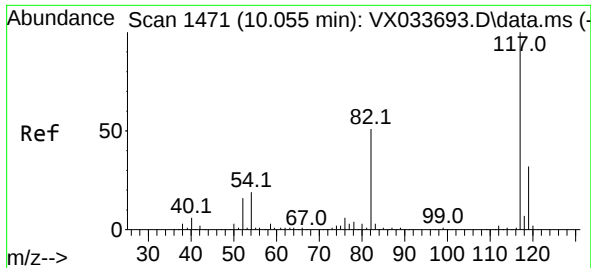
Tgt Ion: 98 Resp: 281689
Ion Ratio Lower Upper
98 100
100 66.9 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 46.258 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033809.D
Acq: 19 Jan 2023 18:16

Tgt Ion: 95 Resp: 95905
Ion Ratio Lower Upper
95 100
174 93.1 0.0 184.4
176 90.4 0.0 178.8

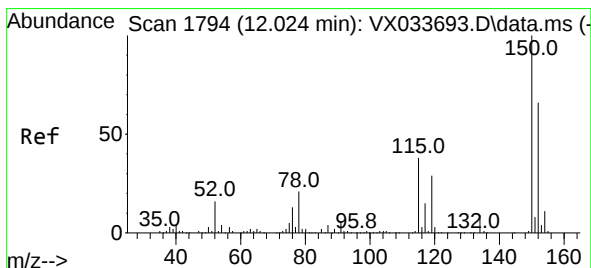
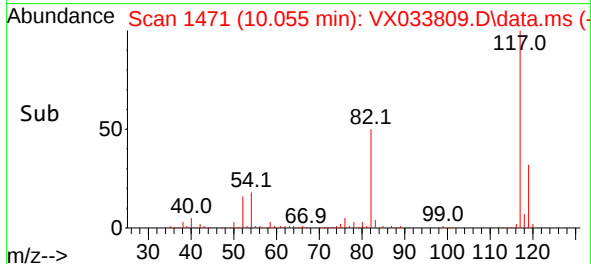
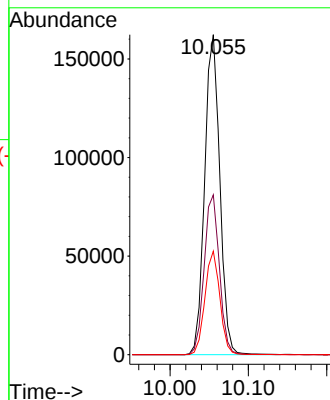
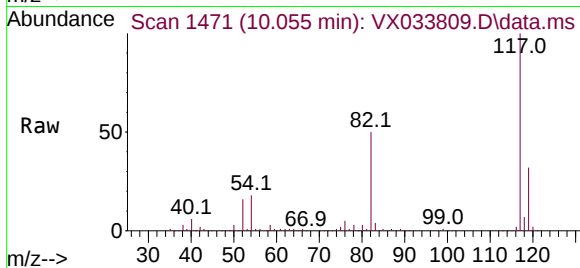




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033809.D
Acq: 19 Jan 2023 18:16

Instrument :
MSVOA_X
ClientSampleId :
BORING-4

Tgt Ion:117 Resp: 217742
Ion Ratio Lower Upper
117 100
82 50.0 40.6 60.8
119 32.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033809.D
Acq: 19 Jan 2023 18:16

Tgt Ion:152 Resp: 99806
Ion Ratio Lower Upper
152 100
115 53.4 38.7 116.1
150 155.7 0.0 348.2

