

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030323\
 Data File : VX034332.D
 Acq On : 03 Mar 2023 18:56
 Operator : JC/MD
 Sample : 01767-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CE-33-030123

Quant Time: Mar 03 22:17:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

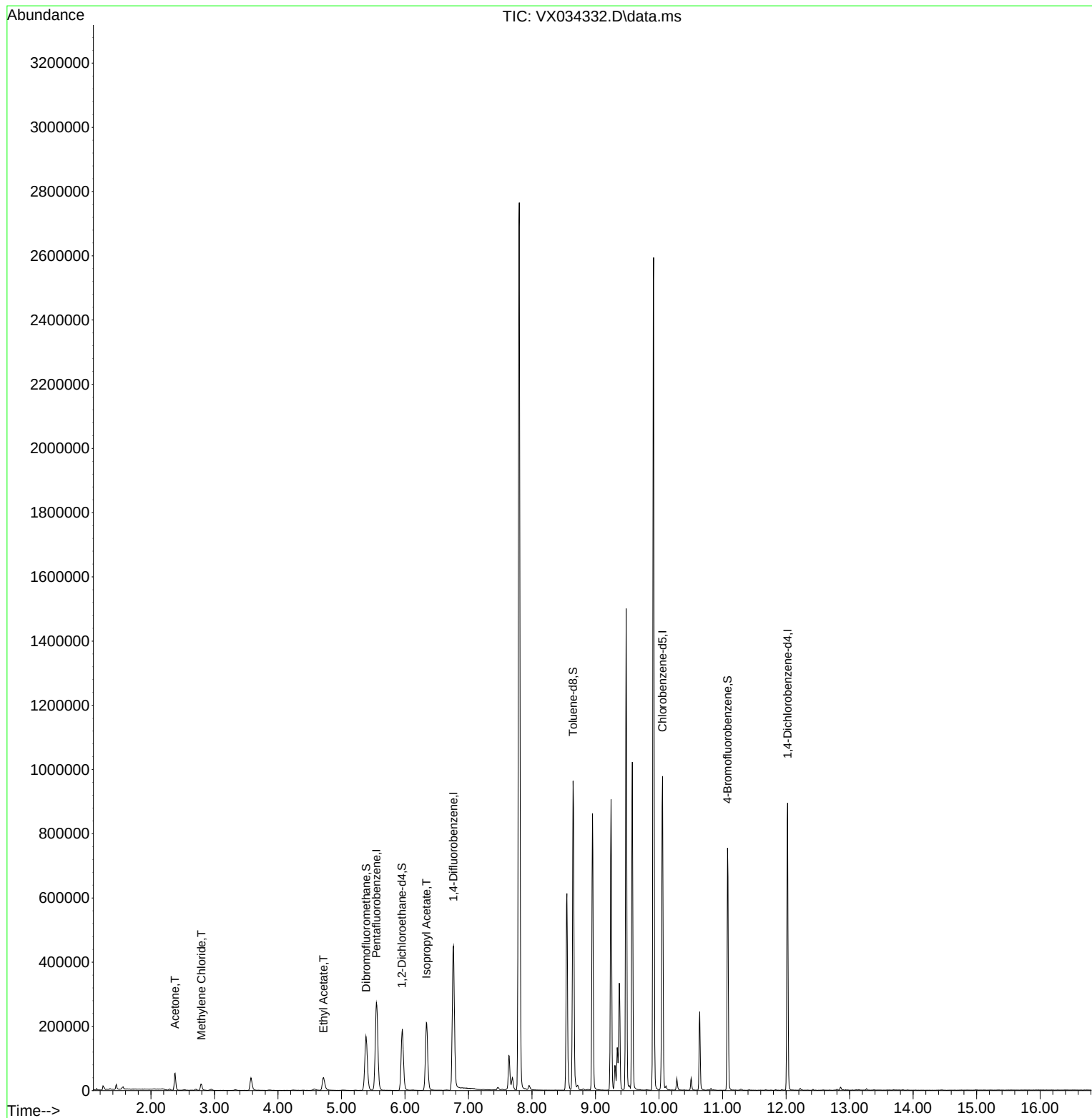
Internal Standards						
1) Pentafluorobenzene	5.550	168	274294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	464211	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	429165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	187100	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	169778	45.959	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.920%
35) Dibromofluoromethane	5.385	113	144712	47.879	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.760%
50) Toluene-d8	8.647	98	569915	52.519	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.040%
62) 4-Bromofluorobenzene	11.079	95	197700	47.629	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.260%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	57915	30.392	ug/l	92
20) Methylene Chloride	2.794	84	10251	2.986	ug/l	88
37) Ethyl Acetate	4.715	43	72220	14.457	ug/l	99
43) Isopropyl Acetate	6.336	43	300061	34.038	ug/l	99

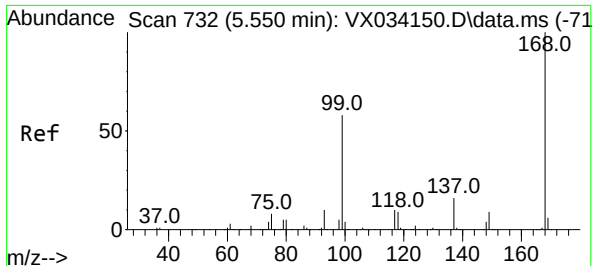
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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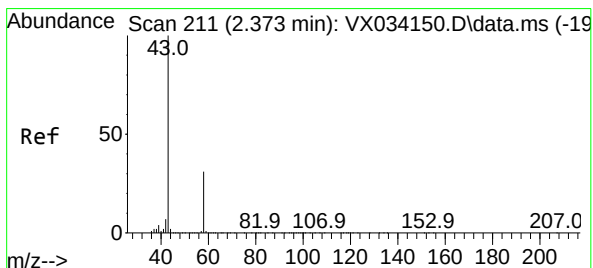
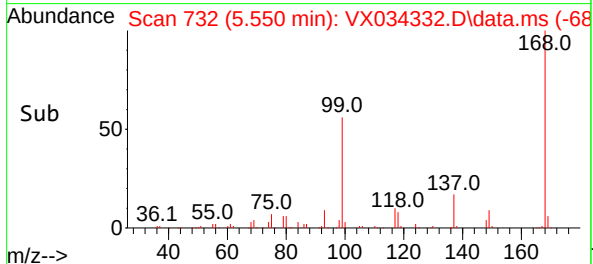
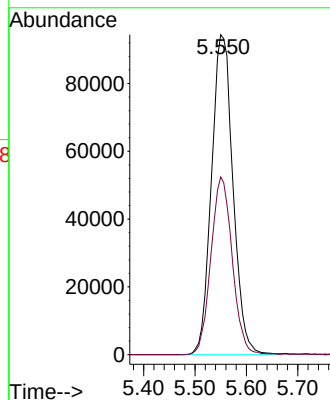
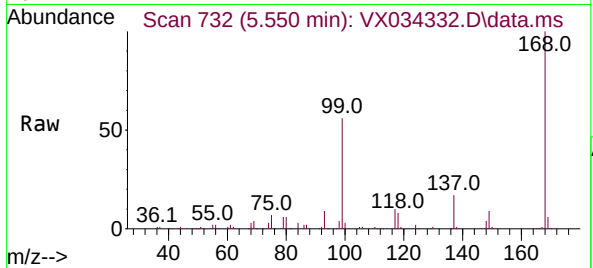




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034332.D
Acq: 03 Mar 2023 18:56

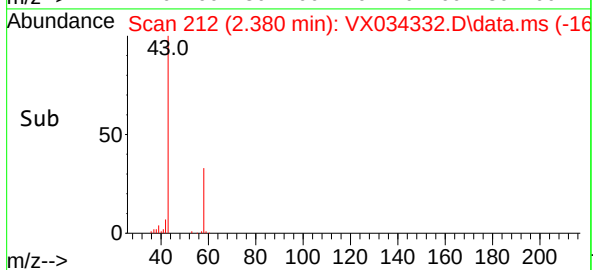
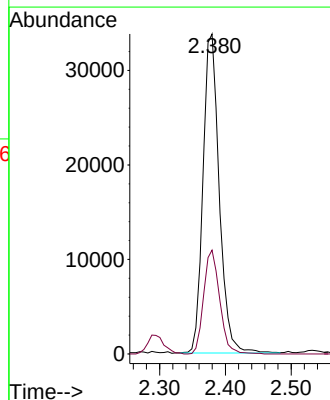
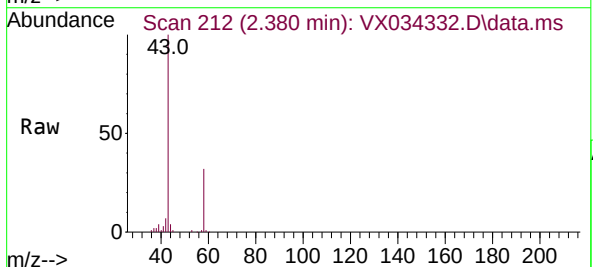
Instrument :
MSVOA_X
ClientSampleId :
CE-33-030123

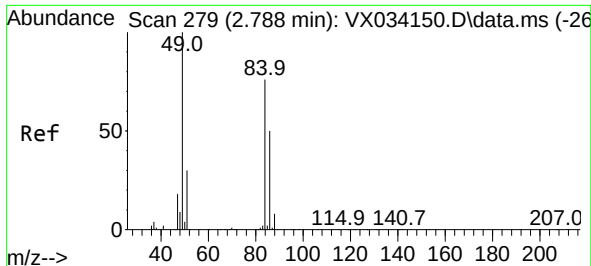
Tgt Ion:168 Resp: 274294
Ion Ratio Lower Upper
168 100
99 55.6 39.6 59.4



#16
Acetone
Concen: 30.392 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034332.D
Acq: 03 Mar 2023 18:56

Tgt Ion: 43 Resp: 57915
Ion Ratio Lower Upper
43 100
58 32.6 22.6 33.8

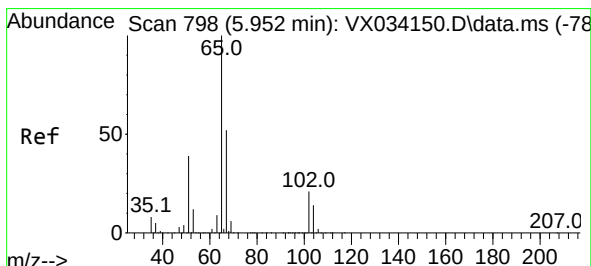
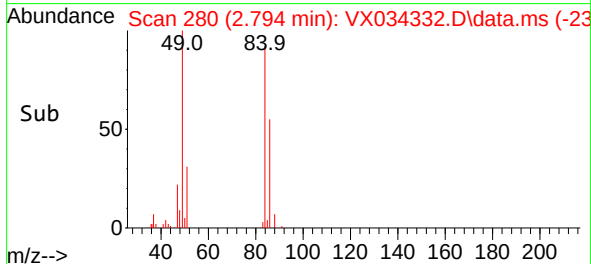
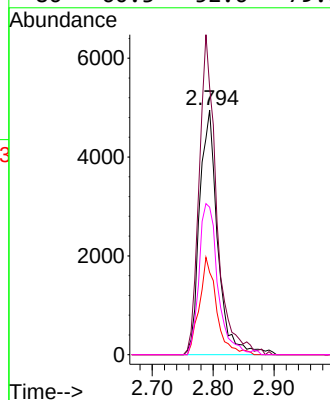
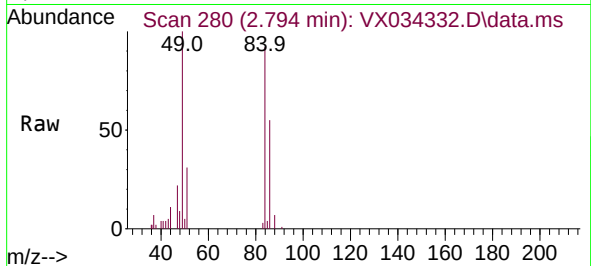




#20
Methylene Chloride
Concen: 2.986 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034332.D
Acq: 03 Mar 2023 18:56

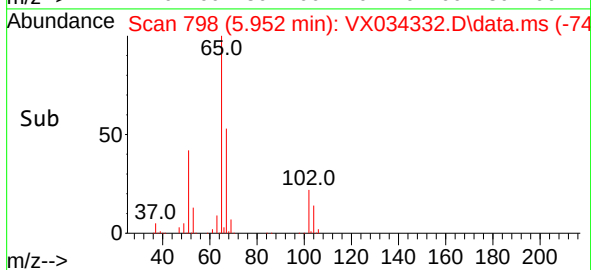
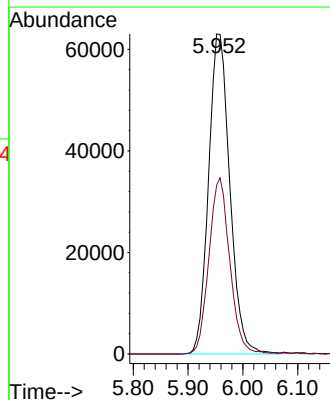
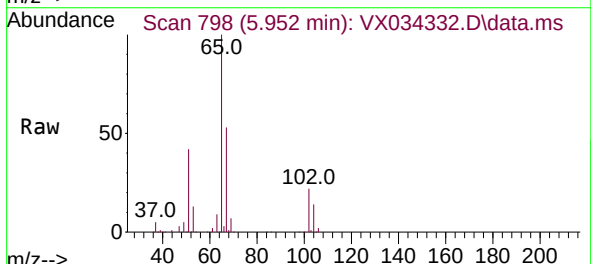
Instrument :
MSVOA_X
ClientSampleId :
CE-33-030123

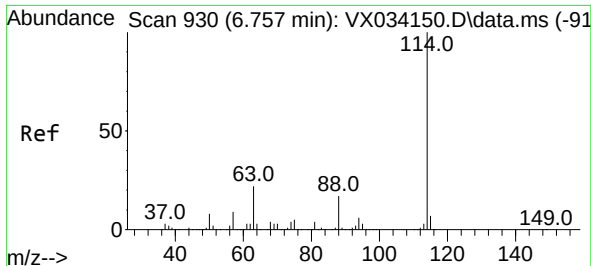
Tgt Ion:	84	Resp:	10251
Ion	Ratio	Lower	Upper
84	100		
49	109.3	101.1	151.7
51	33.6	31.0	46.6
86	60.3	52.6	79.0



#33
1,2-Dichloroethane-d4
Concen: 45.959 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX034332.D
Acq: 03 Mar 2023 18:56

Tgt Ion:	65	Resp:	169778
Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	104.8

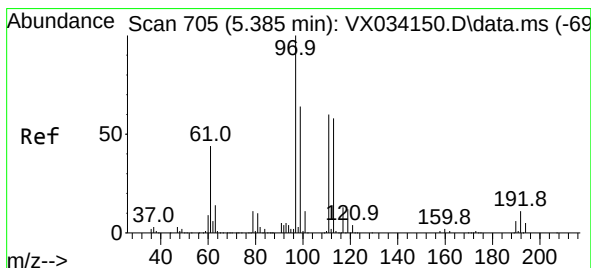
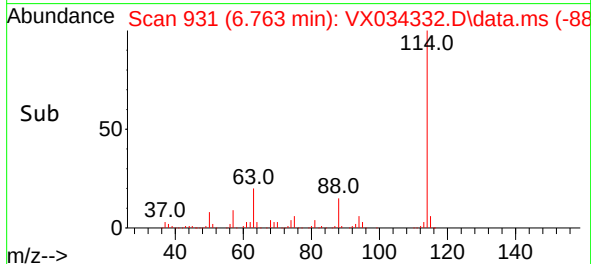
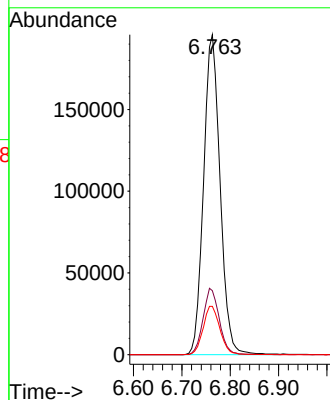
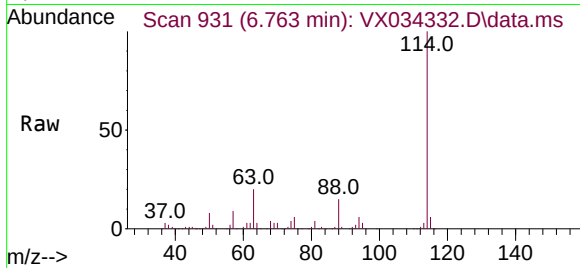




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX034332.D
Acq: 03 Mar 2023 18:56

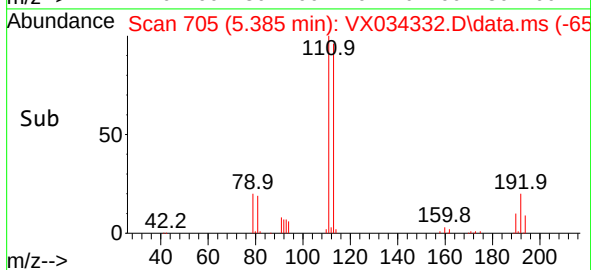
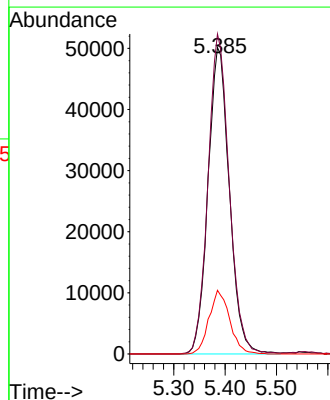
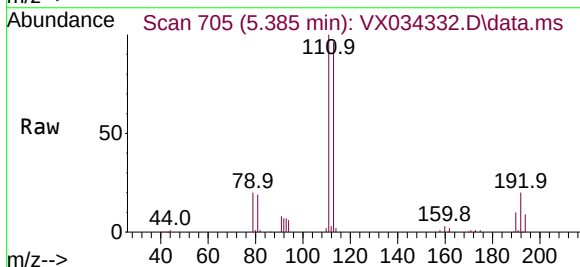
Instrument :
MSVOA_X
ClientSampleId :
CE-33-030123

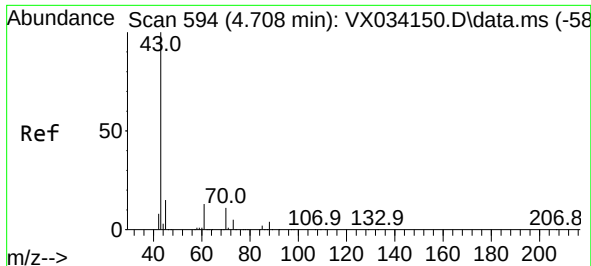
Tgt Ion:114 Resp: 464211
Ion Ratio Lower Upper
114 100
63 20.0 0.0 37.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.879 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034332.D
Acq: 03 Mar 2023 18:56

Tgt Ion:113 Resp: 144712
Ion Ratio Lower Upper
113 100
111 103.8 83.0 124.6
192 20.1 19.0 28.4





#37

Ethyl Acetate

Concen: 14.457 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX034332.D

Acq: 03 Mar 2023 18:56

Instrument :

MSVOA_X

ClientSampleId :

CE-33-030123

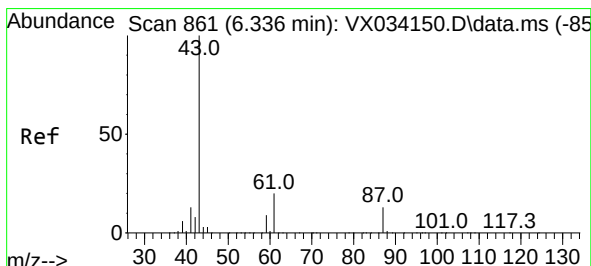
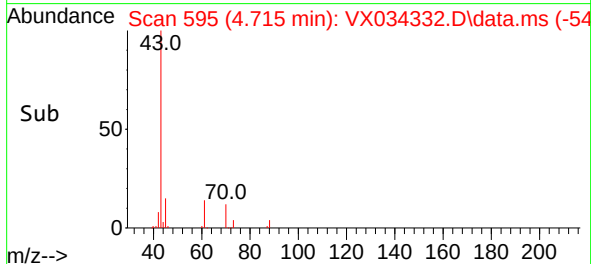
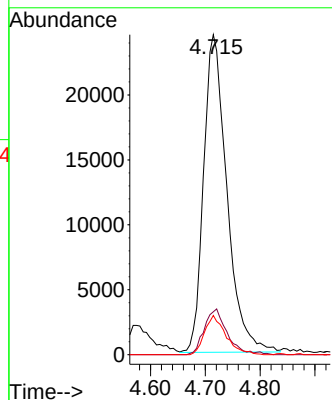
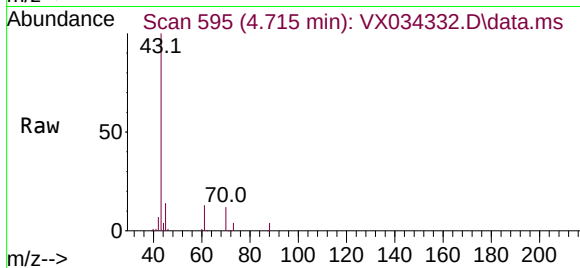
Tgt Ion: 43 Resp: 72220

Ion Ratio Lower Upper

43 100

61 14.2 11.1 16.7

70 11.3 8.5 12.7



#43

Isopropyl Acetate

Concen: 34.038 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX034332.D

Acq: 03 Mar 2023 18:56

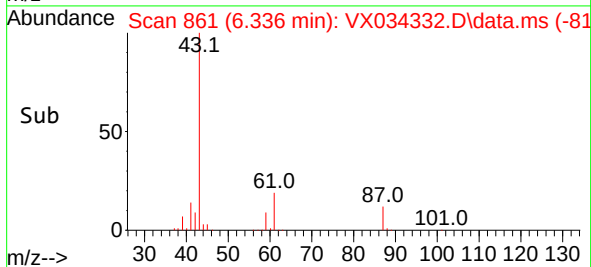
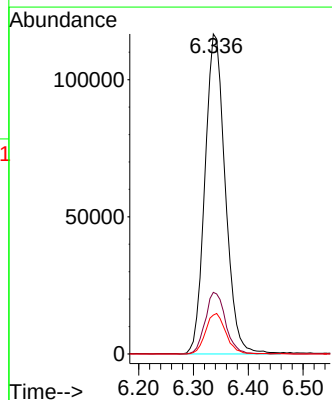
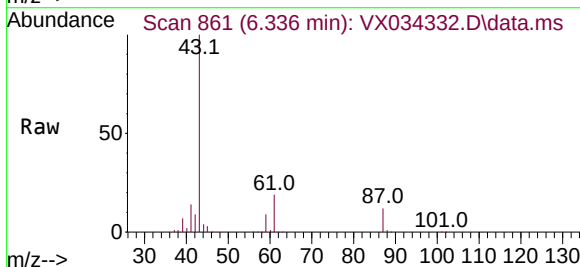
Tgt Ion: 43 Resp: 300061

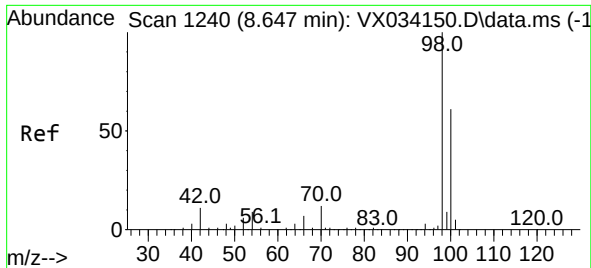
Ion Ratio Lower Upper

43 100

61 19.2 15.7 23.5

87 12.5 10.6 15.8

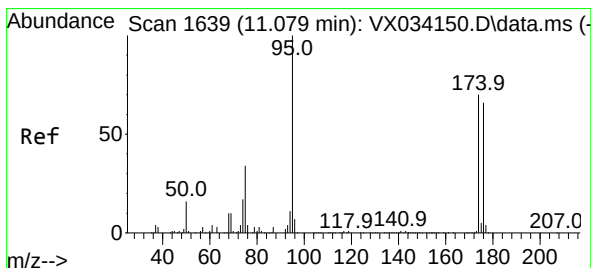
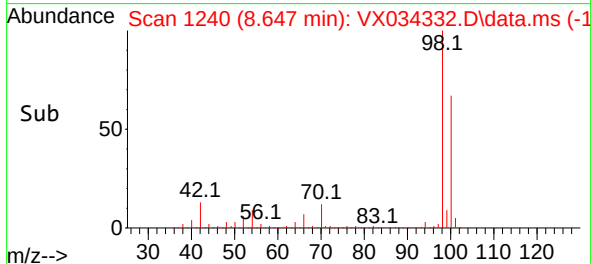
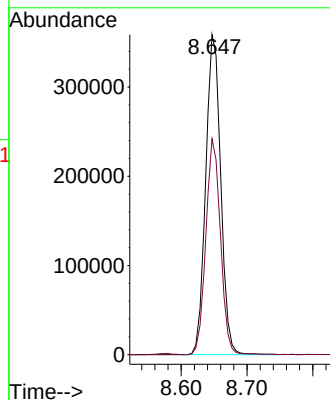
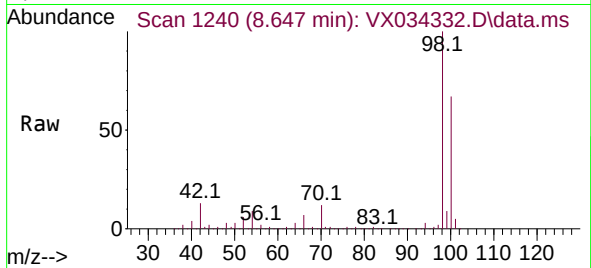




#50
Toluene-d8
Concen: 52.519 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034332.D
Acq: 03 Mar 2023 18:56

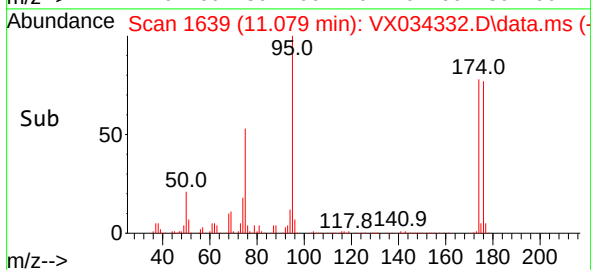
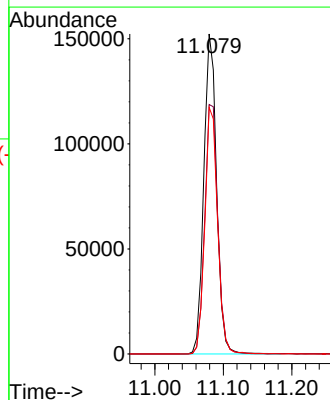
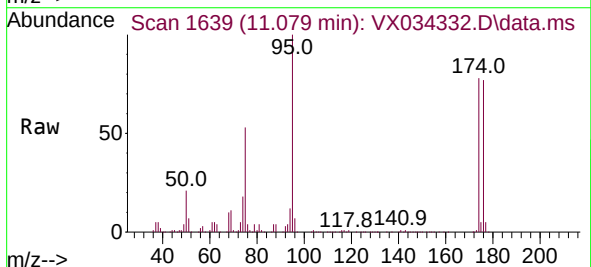
Instrument :
MSVOA_X
ClientSampleId :
CE-33-030123

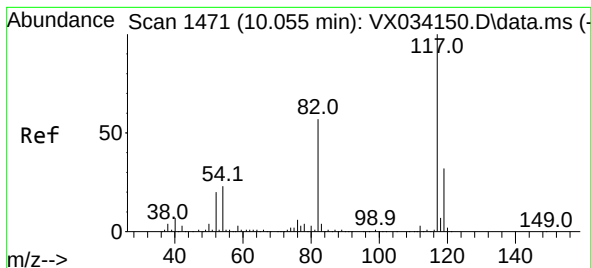
Tgt Ion: 98 Resp: 569915
Ion Ratio Lower Upper
98 100
100 65.8 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 47.629 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034332.D
Acq: 03 Mar 2023 18:56

Tgt Ion: 95 Resp: 197700
Ion Ratio Lower Upper
95 100
174 80.2 0.0 184.4
176 77.3 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: VX034332.D

Acq: 03 Mar 2023 18:56

Instrument :

MSVOA_X

ClientSampleId :

CE-33-030123

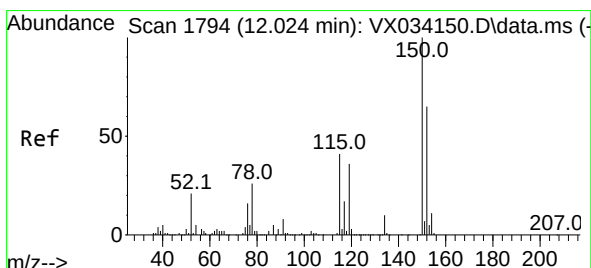
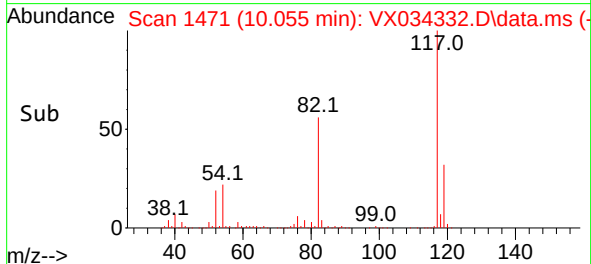
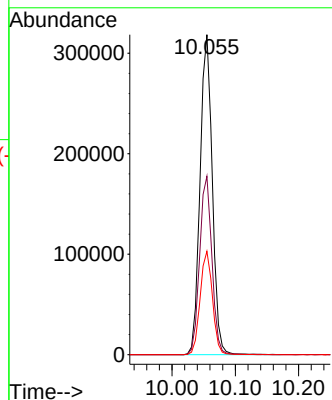
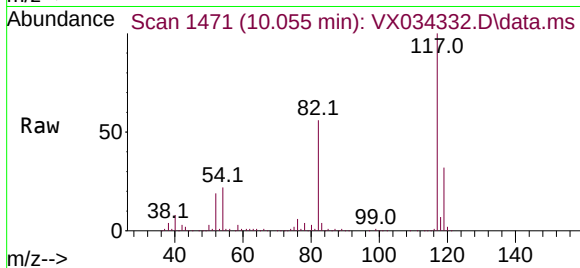
Tgt Ion:117 Resp: 429165

Ion Ratio Lower Upper

117 100

82 55.8 40.6 60.8

119 32.3 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: VX034332.D

Acq: 03 Mar 2023 18:56

Tgt Ion:152 Resp: 187100

Ion Ratio Lower Upper

152 100

115 60.0 38.7 116.1

150 158.8 0.0 348.2

