

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021023\
 Data File : VX034083.D
 Acq On : 08 Feb 2023 14:19
 Operator : JC/MD
 Sample : 01463-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TCLP-5

Quant Time: Feb 09 04:50:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

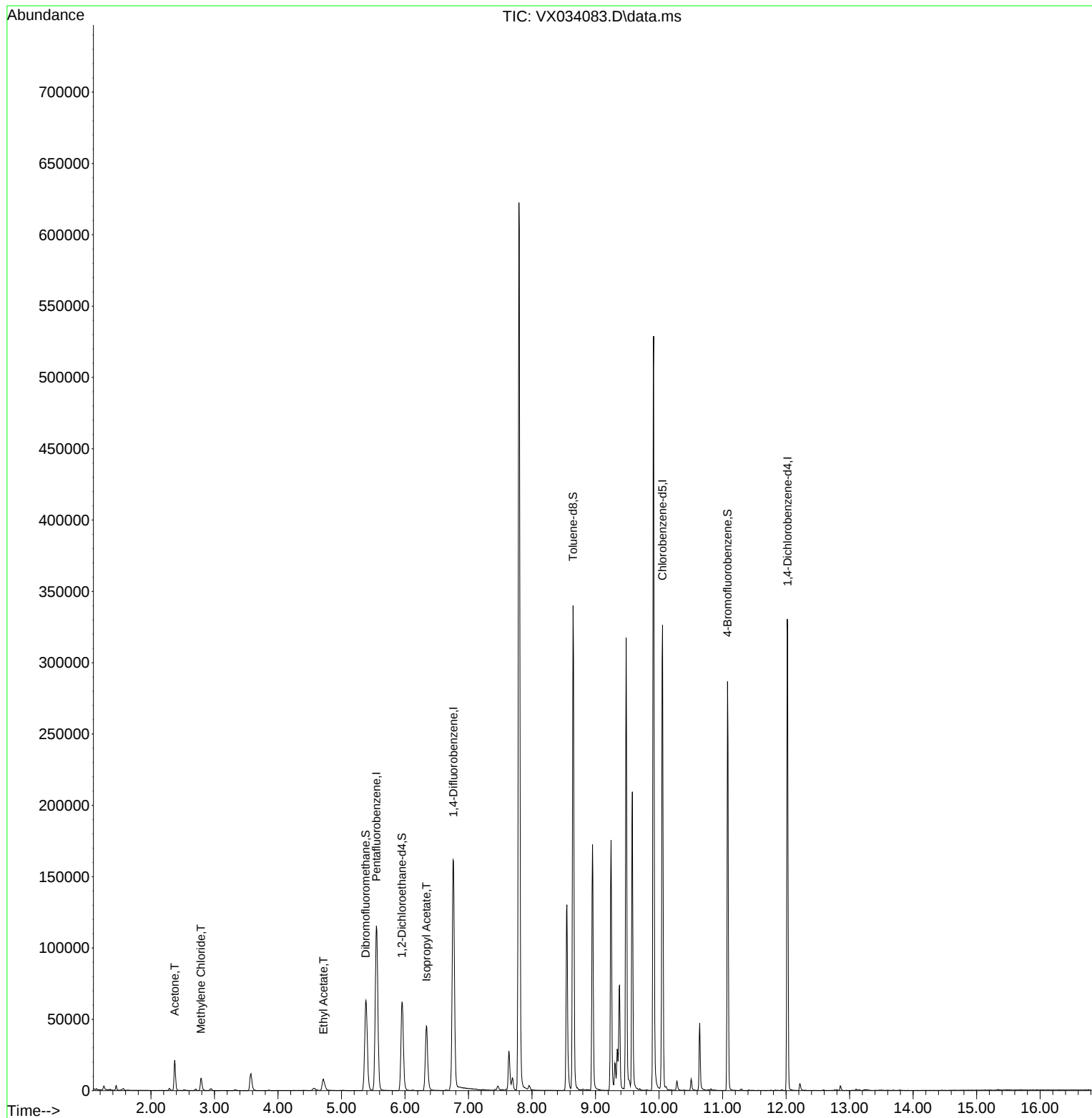
Internal Standards						
1) Pentafluorobenzene	5.550	168	127112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	177850	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	158230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63064	51.463	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.920%
35) Dibromofluoromethane	5.379	113	56031	49.502	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.000%
50) Toluene-d8	8.647	98	204178	50.066	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.140%
62) 4-Bromofluorobenzene	11.079	95	72495	49.773	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.540%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	22848	44.145	ug/l	96
20) Methylene Chloride	2.788	84	4517	3.815	ug/l	90
37) Ethyl Acetate	4.714	43	14154	9.791	ug/l	97
43) Isopropyl Acetate	6.336	43	61948	27.476	ug/l	96

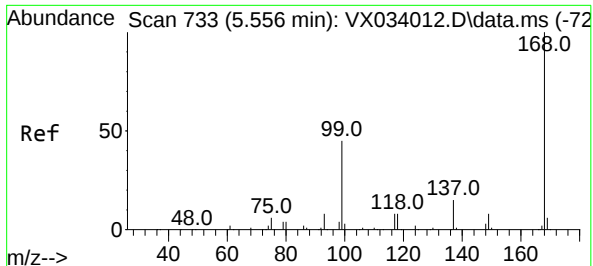
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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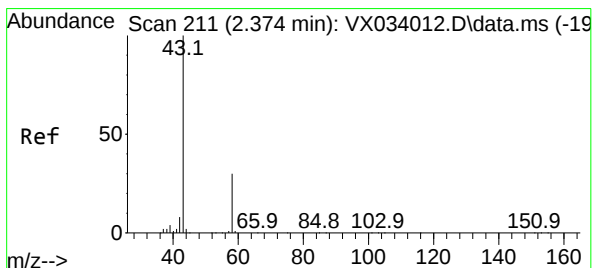
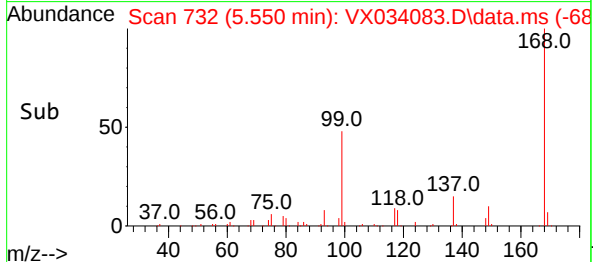
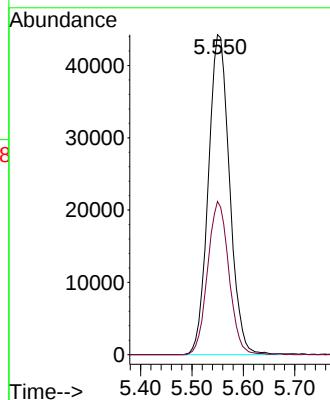
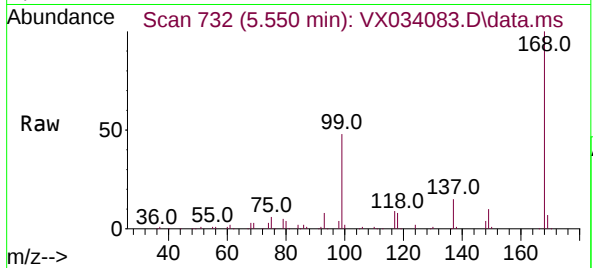




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034083.D
Acq: 08 Feb 2023 14:19

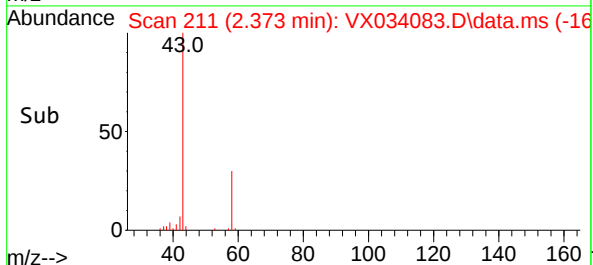
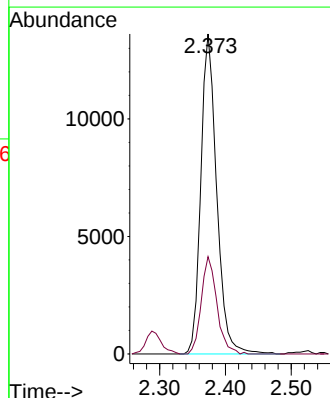
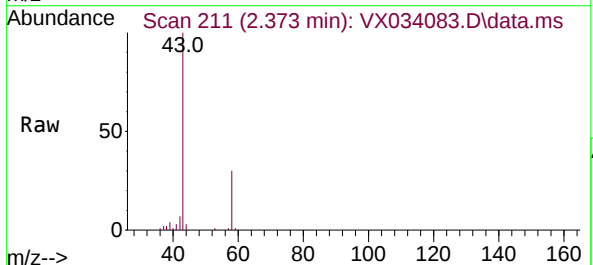
Instrument :
MSVOA_X
ClientSampleId :
TCLP-5

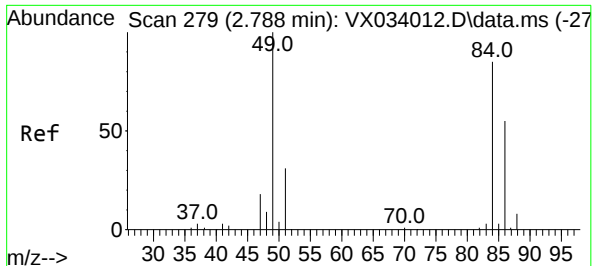
Tgt Ion:168 Resp: 127112
Ion Ratio Lower Upper
168 100
99 47.9 39.6 59.4



#16
Acetone
Concen: 44.145 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034083.D
Acq: 08 Feb 2023 14:19

Tgt Ion: 43 Resp: 22848
Ion Ratio Lower Upper
43 100
58 30.4 22.6 33.8

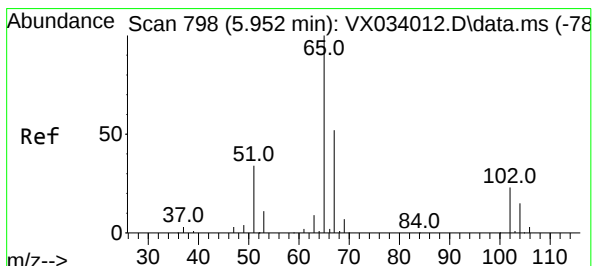
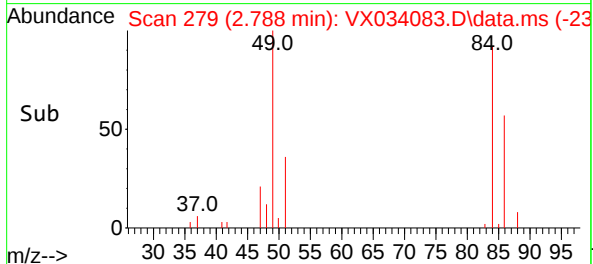
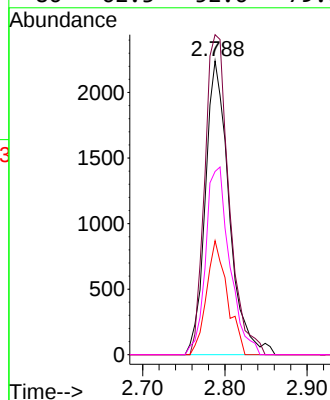
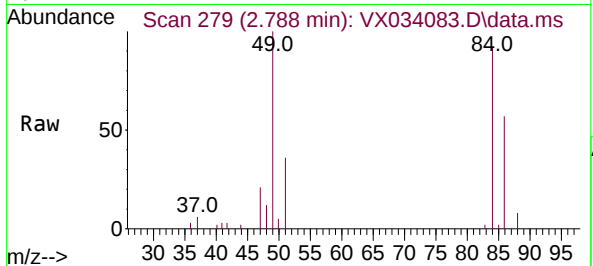




#20
Methylene Chloride
Concen: 3.815 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034083.D
Acq: 08 Feb 2023 14:19

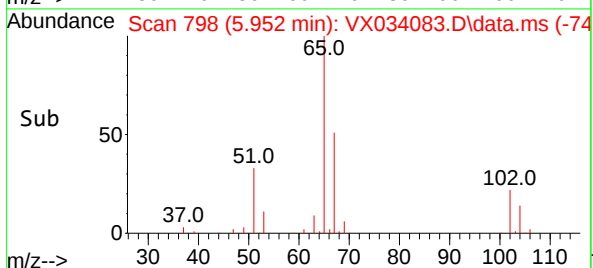
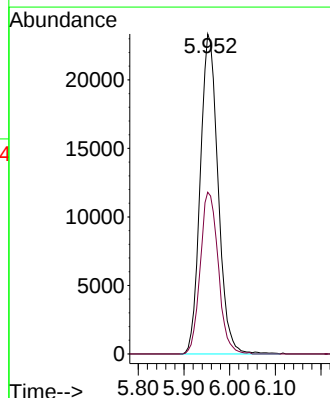
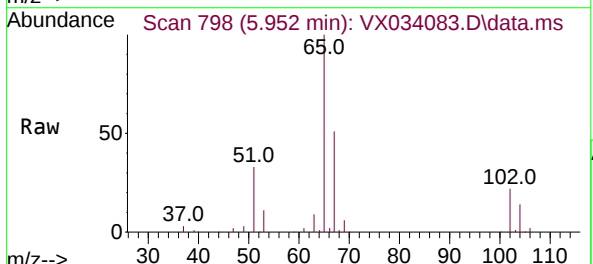
Instrument :
MSVOA_X
ClientSampleId :
TCLP-5

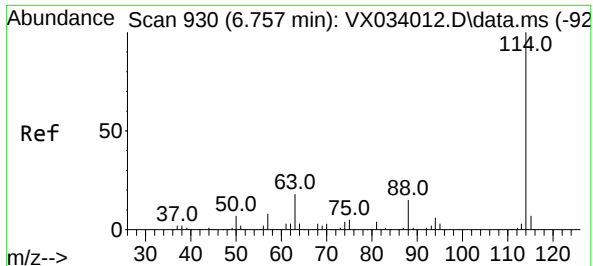
Tgt Ion: 84	Resp: 4517
Ion Ratio	Lower Upper
84 100	
49 108.9	101.1 151.7
51 38.8	31.0 46.6
86 62.3	52.6 79.0



#33
1,2-Dichloroethane-d4
Concen: 51.463 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX034083.D
Acq: 08 Feb 2023 14:19

Tgt Ion: 65	Resp: 63064
Ion Ratio	Lower Upper
65 100	
67 51.0	0.0 104.8

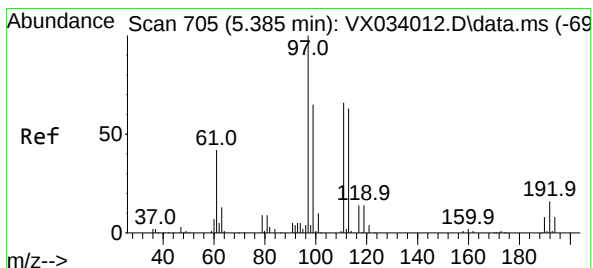
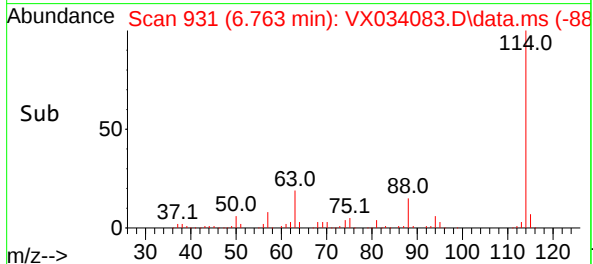
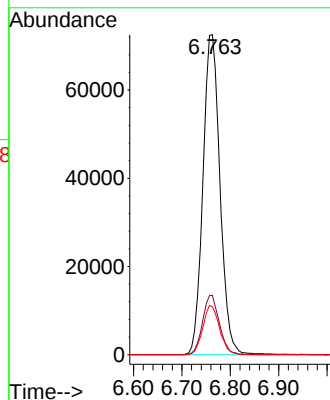
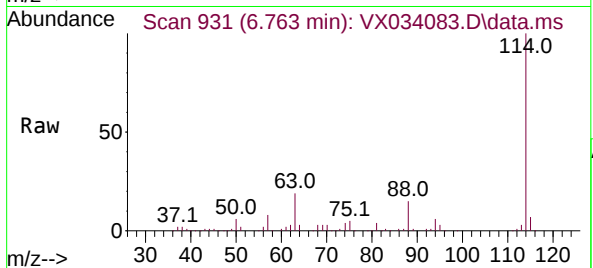




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034083.D
Acq: 08 Feb 2023 14:19

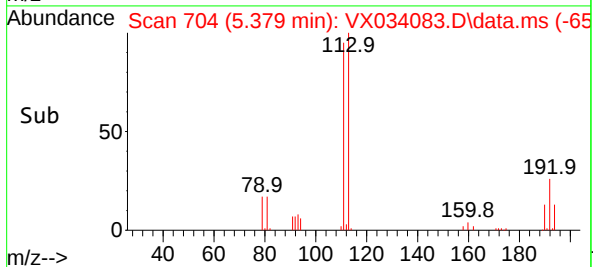
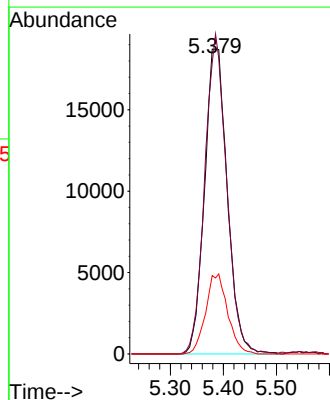
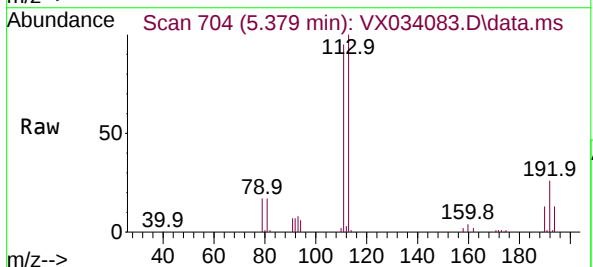
Instrument :
MSVOA_X
ClientSampleId :
TCLP-5

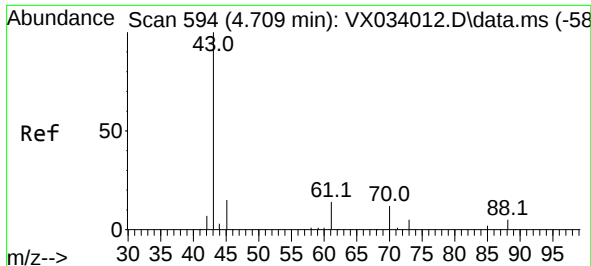
Tgt Ion:114 Resp: 177850
Ion Ratio Lower Upper
114 100
63 18.5 0.0 37.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.502 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX034083.D
Acq: 08 Feb 2023 14:19

Tgt Ion:113 Resp: 56031
Ion Ratio Lower Upper
113 100
111 100.7 83.0 124.6
192 25.2 19.0 28.4





#37

Ethyl Acetate

Concen: 9.791 ug/l

RT: 4.714 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX034083.D

Acq: 08 Feb 2023 14:19

Instrument :

MSVOA_X

ClientSampleId :

TCLP-5

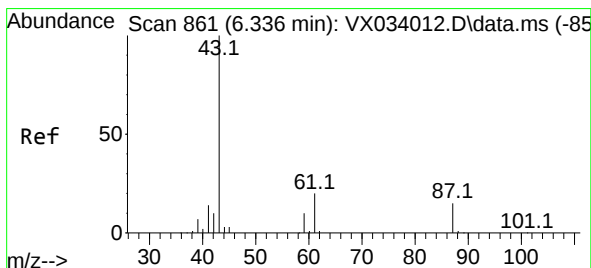
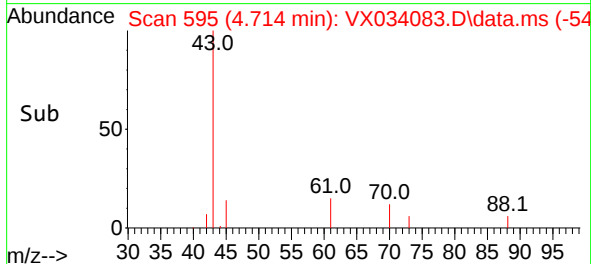
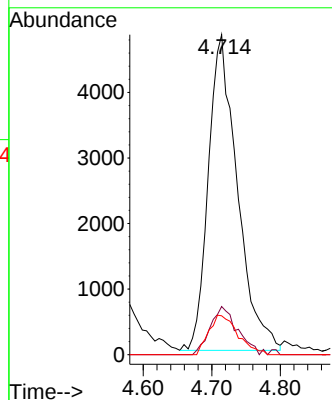
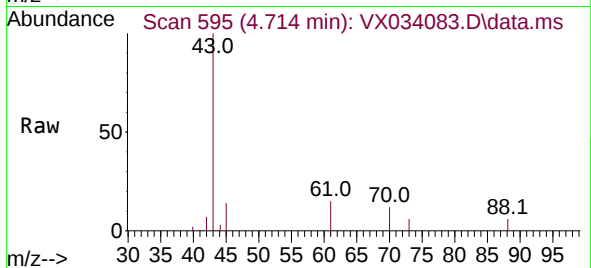
Tgt Ion: 43 Resp: 14154

Ion Ratio Lower Upper

43 100

61 14.5 11.1 16.7

70 12.6 8.5 12.7



#43

Isopropyl Acetate

Concen: 27.476 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.000 min

Lab File: VX034083.D

Acq: 08 Feb 2023 14:19

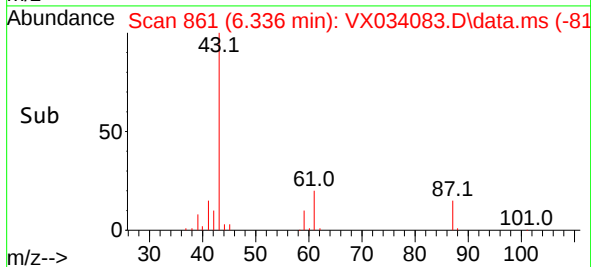
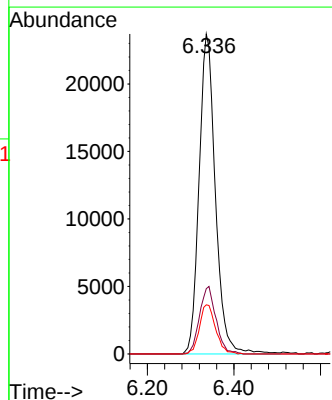
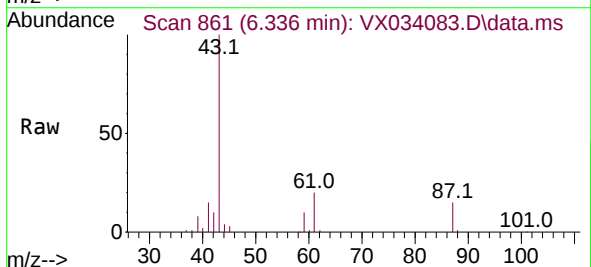
Tgt Ion: 43 Resp: 61948

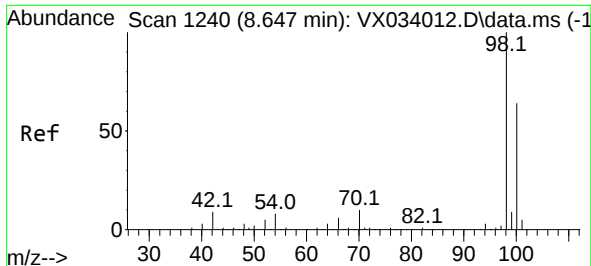
Ion Ratio Lower Upper

43 100

61 21.3 15.7 23.5

87 15.2 10.6 15.8

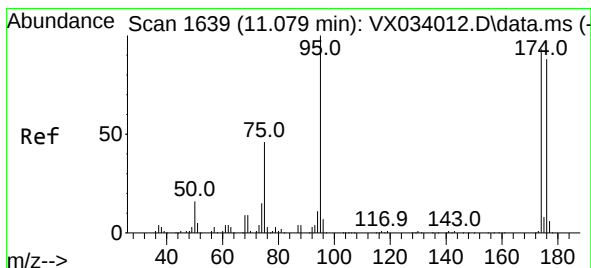
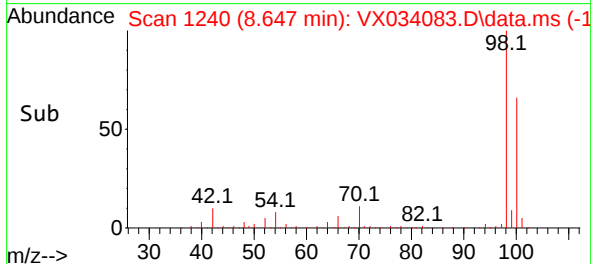
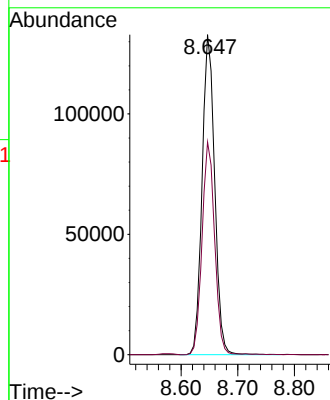
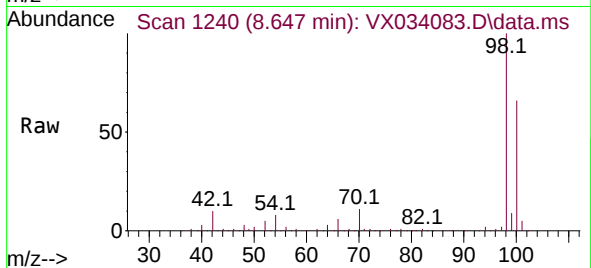




#50
Toluene-d8
Concen: 50.066 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034083.D
Acq: 08 Feb 2023 14:19

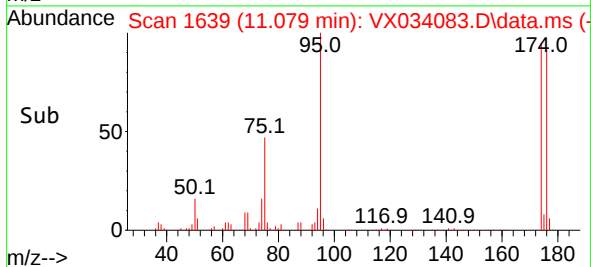
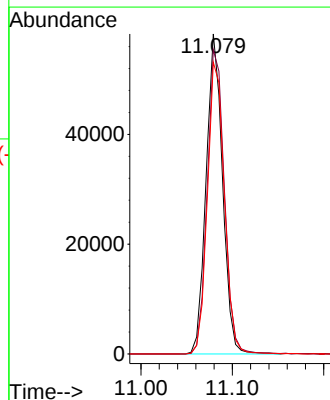
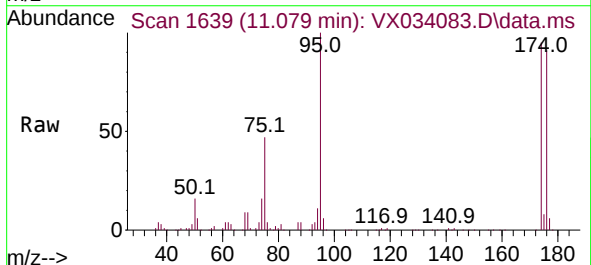
Instrument :
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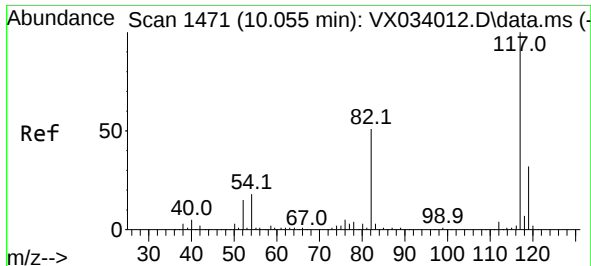
Tgt Ion: 98 Resp: 204178
Ion Ratio Lower Upper
98 100
100 66.4 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 49.773 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034083.D
Acq: 08 Feb 2023 14:19

Tgt Ion: 95 Resp: 72495
Ion Ratio Lower Upper
95 100
174 99.4 0.0 184.4
176 94.3 0.0 178.8

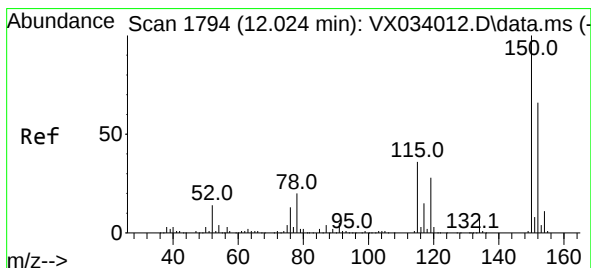
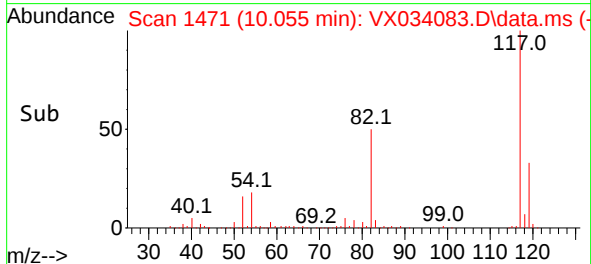
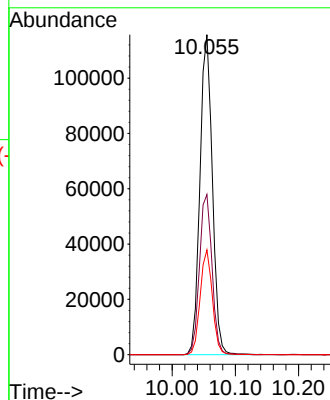
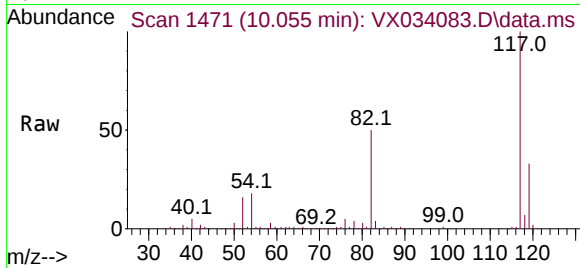




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034083.D
Acq: 08 Feb 2023 14:19

Instrument :
MSVOA_X
ClientSampleId :
TCLP-5

Tgt Ion:117 Resp: 158230
Ion Ratio Lower Upper
117 100
82 50.1 40.6 60.8
119 32.8 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: VX034083.D
Acq: 08 Feb 2023 14:19

Tgt Ion:152 Resp: 79887
Ion Ratio Lower Upper
152 100
115 52.9 38.7 116.1
150 155.7 0.0 348.2

