

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021023\
 Data File : VX034082.D
 Acq On : 08 Feb 2023 13:56
 Operator : JC/MD
 Sample : 01463-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TCLP-4

Quant Time: Feb 09 04:50:17 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)

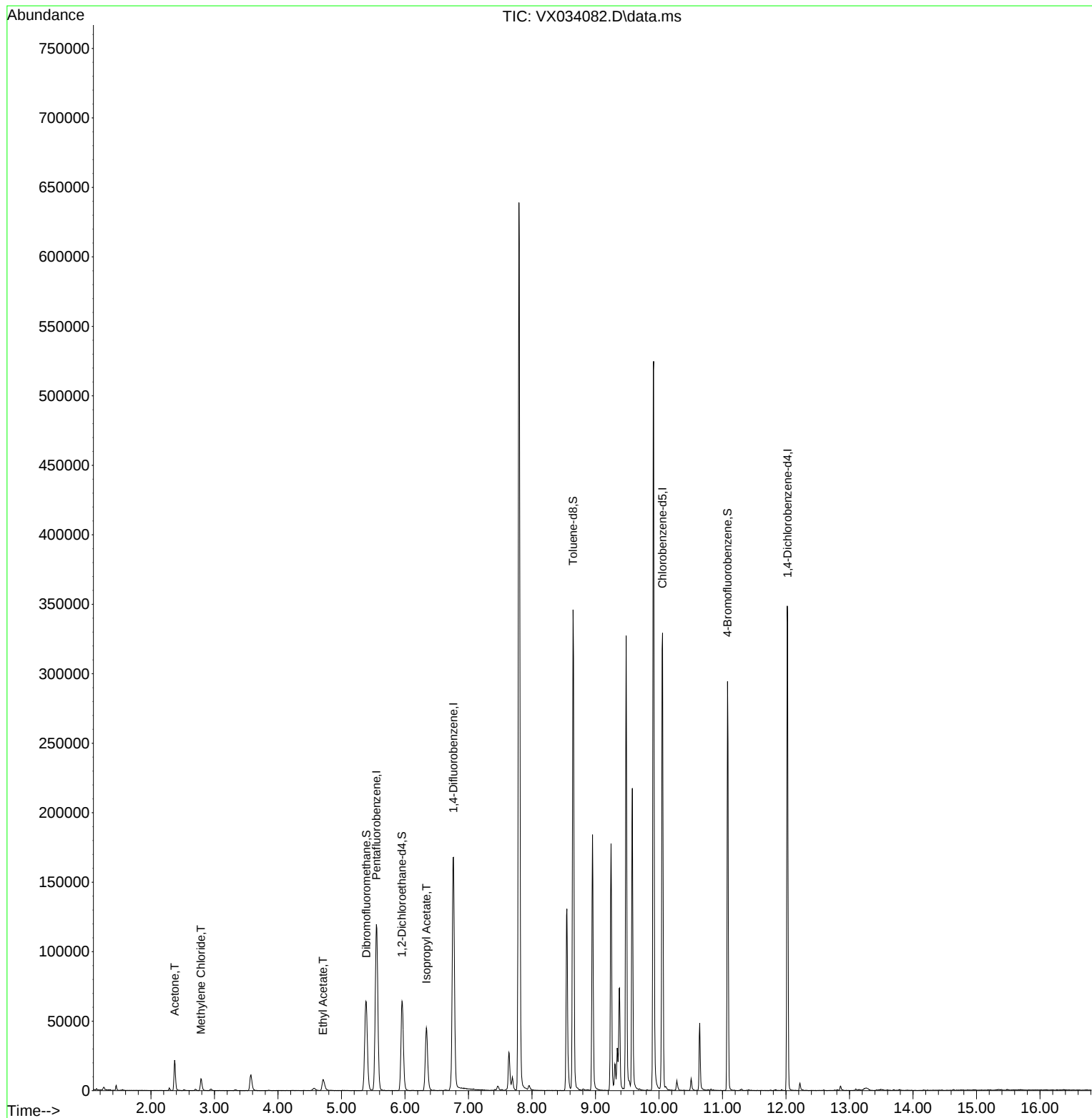
Internal Standards						
1) Pentafluorobenzene	5.550	168	131698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183597	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63338	49.887	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.780%
35) Dibromofluoromethane	5.391	113	57916	49.566	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.140%
50) Toluene-d8	8.647	98	209316	49.720	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.440%
62) 4-Bromofluorobenzene	11.079	95	74714	49.690	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.380%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	23296	43.443	ug/l	93
20) Methylene Chloride	2.788	84	4447	3.625	ug/l	92
37) Ethyl Acetate	4.709	43	14105	9.451	ug/l	97
43) Isopropyl Acetate	6.336	43	62094	26.679	ug/l	97

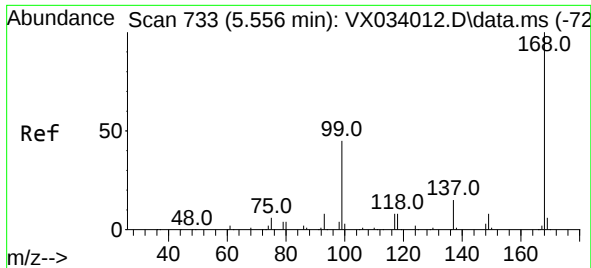
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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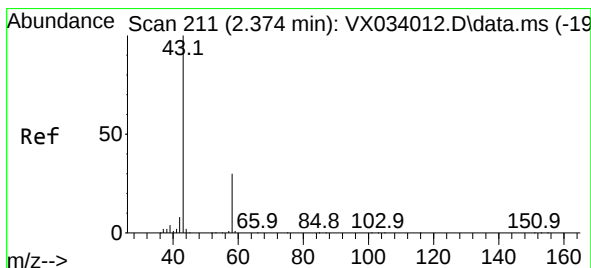
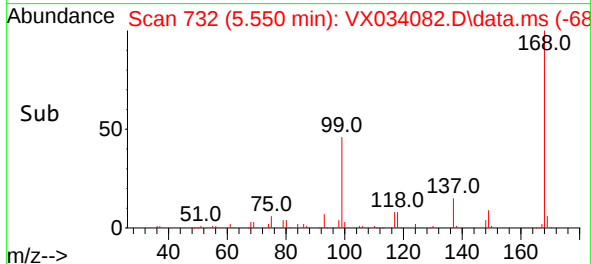
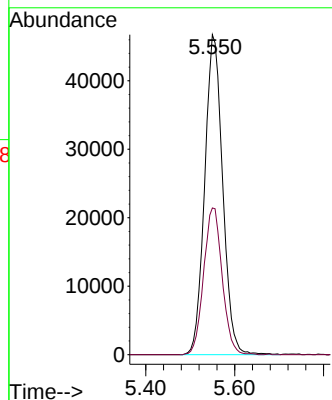
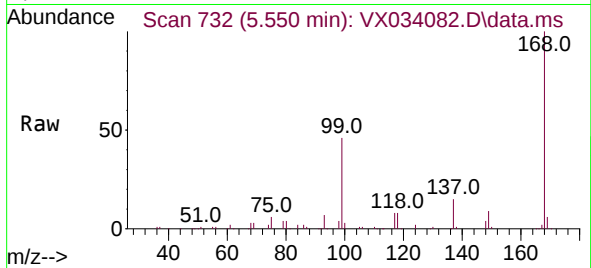




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX034082.D
Acq: 08 Feb 2023 13:56

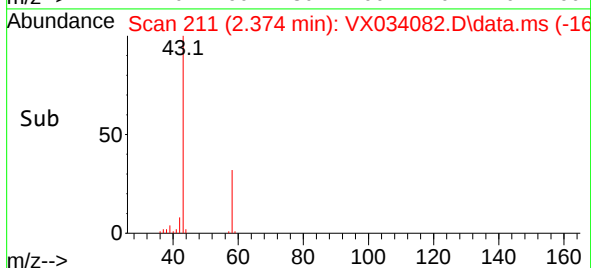
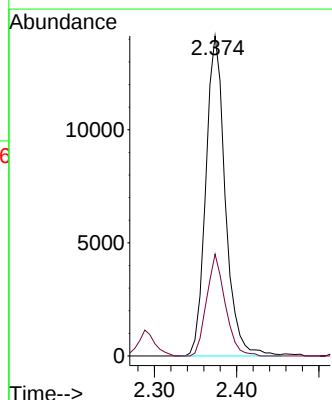
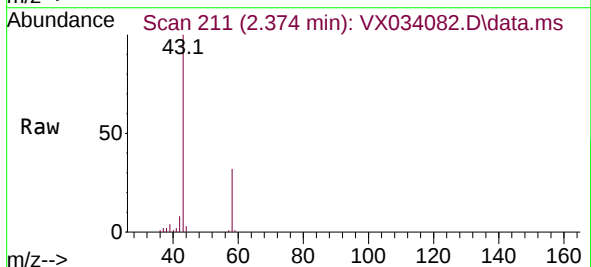
Instrument :
MSVOA_X
ClientSampleId :
TCLP-4

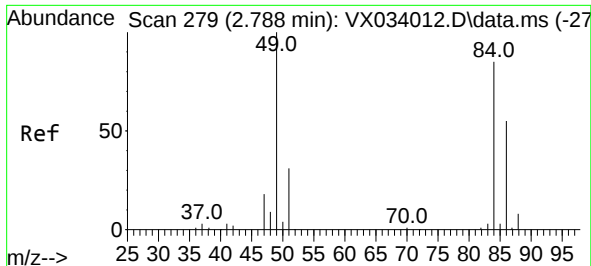
Tgt Ion:168 Resp: 131698
Ion Ratio Lower Upper
168 100
99 45.8 39.6 59.4



#16
Acetone
Concen: 43.443 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034082.D
Acq: 08 Feb 2023 13:56

Tgt Ion: 43 Resp: 23296
Ion Ratio Lower Upper
43 100
58 31.8 22.6 33.8





#20

Methylene Chloride

Concen: 3.625 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX034082.D

Acq: 08 Feb 2023 13:56

Instrument :

MSVOA_X

ClientSampleId :

TCLP-4

Tgt Ion: 84 Resp: 4447

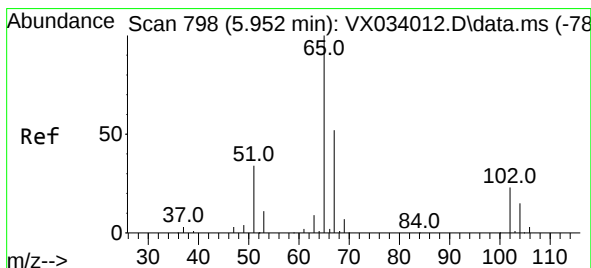
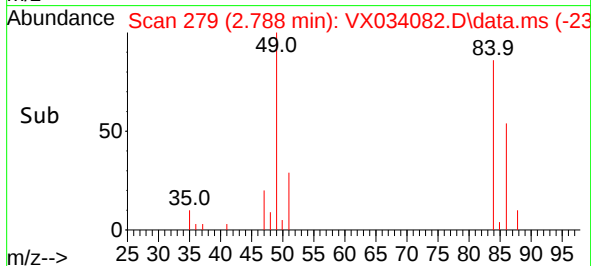
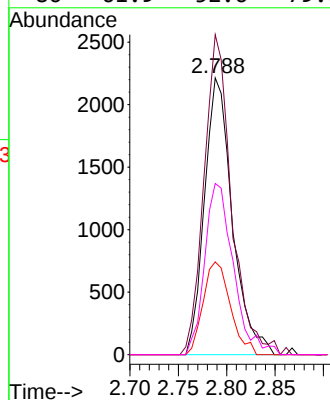
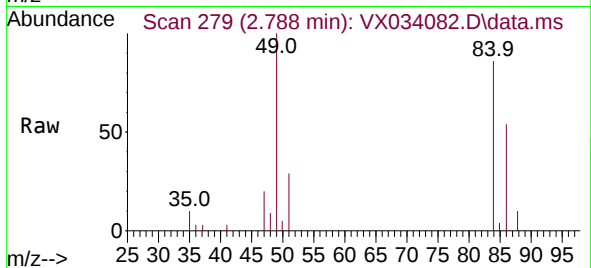
Ion Ratio Lower Upper

84 100

49 115.6 101.1 151.7

51 33.5 31.0 46.6

86 61.9 52.6 79.0



#33

1,2-Dichloroethane-d4

Concen: 49.887 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034082.D

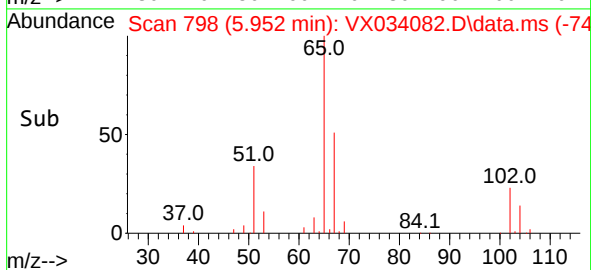
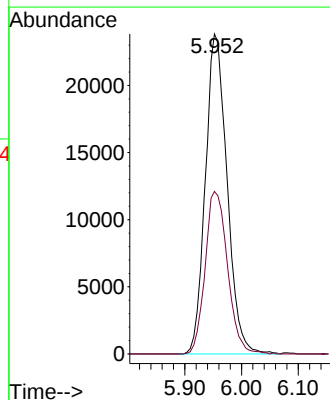
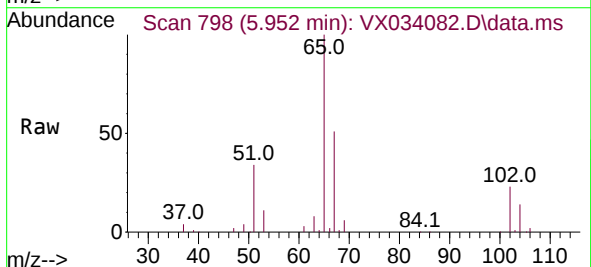
Acq: 08 Feb 2023 13:56

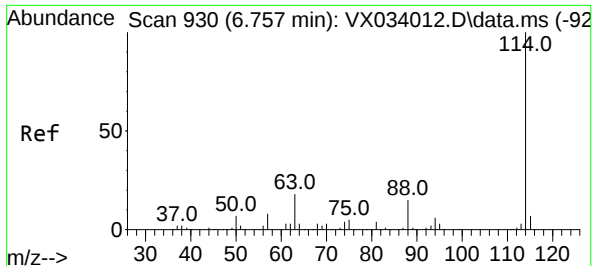
Tgt Ion: 65 Resp: 63338

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.8

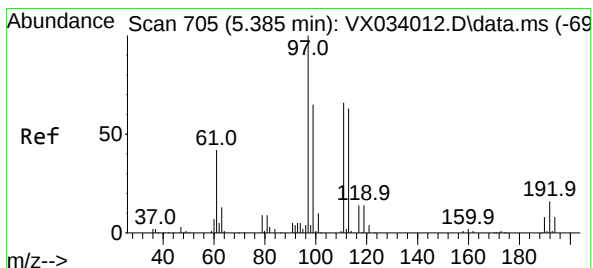
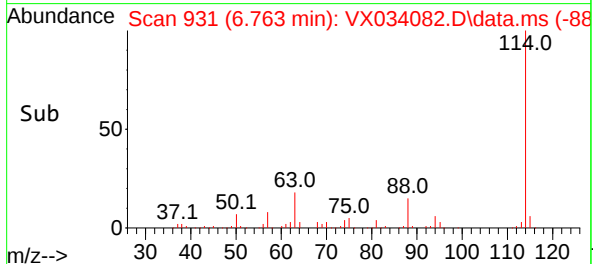
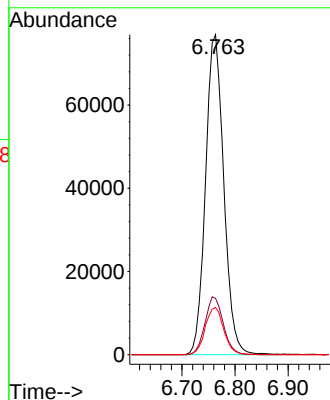
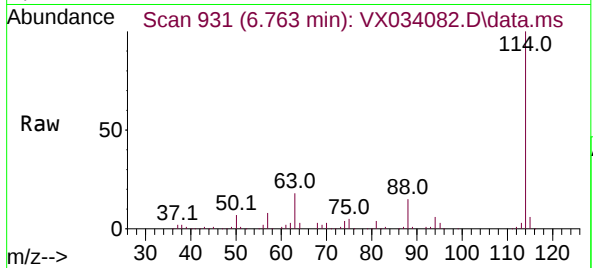




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034082.D
Acq: 08 Feb 2023 13:56

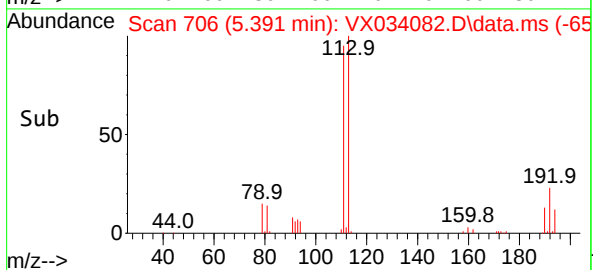
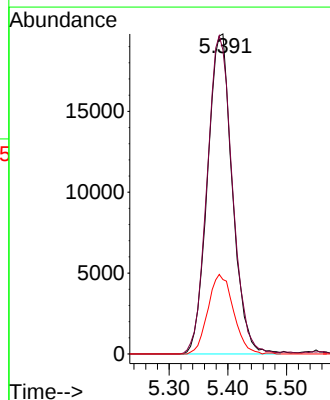
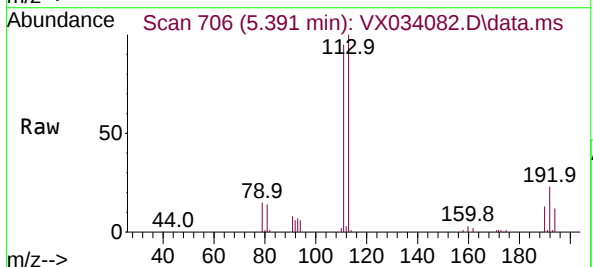
Instrument :
MSVOA_X
ClientSampleId :
TCLP-4

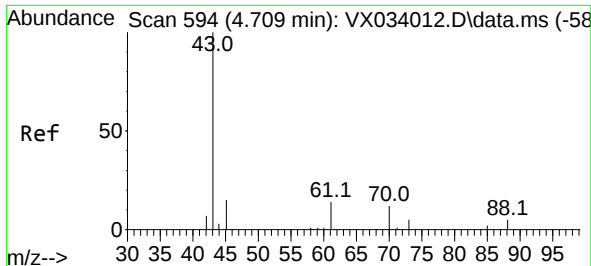
Tgt Ion:114 Resp: 183597
Ion Ratio Lower Upper
114 100
63 17.6 0.0 37.4
88 14.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.566 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX034082.D
Acq: 08 Feb 2023 13:56

Tgt Ion:113 Resp: 57916
Ion Ratio Lower Upper
113 100
111 101.3 83.0 124.6
192 25.4 19.0 28.4





#37

Ethyl Acetate

Concen: 9.451 ug/l

RT: 4.709 min Scan# 594

Delta R.T. 0.000 min

Lab File: VX034082.D

Acq: 08 Feb 2023 13:56

Instrument :

MSVOA_X

ClientSampleId :

TCLP-4

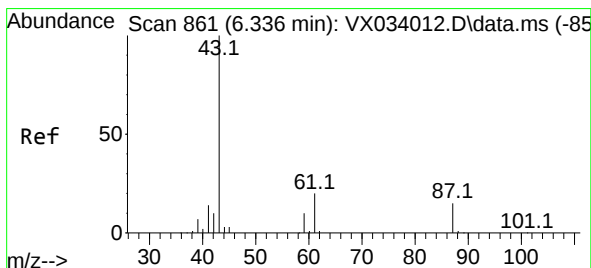
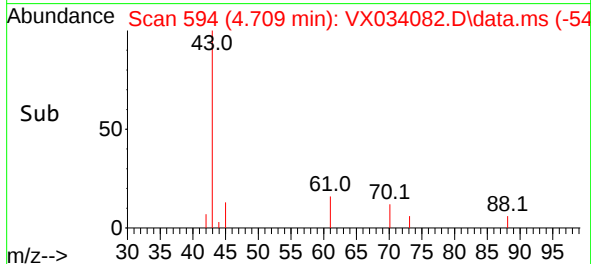
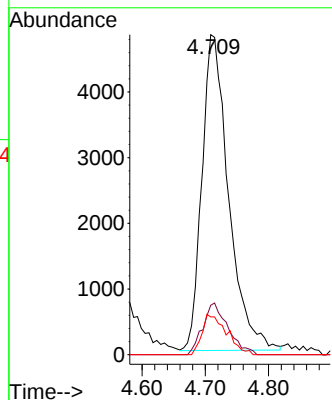
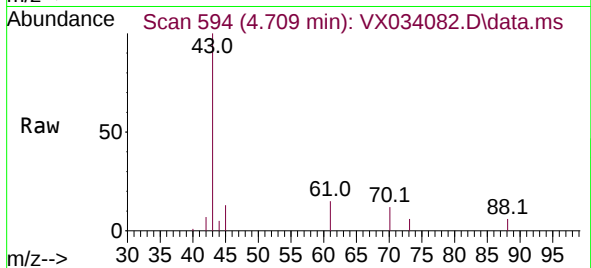
Tgt Ion: 43 Resp: 14105

Ion Ratio Lower Upper

43 100

61 15.5 11.1 16.7

70 11.7 8.5 12.7



#43

Isopropyl Acetate

Concen: 26.679 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX034082.D

Acq: 08 Feb 2023 13:56

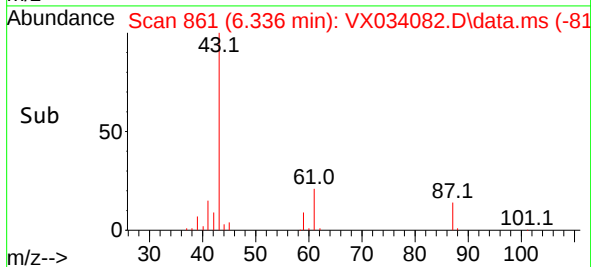
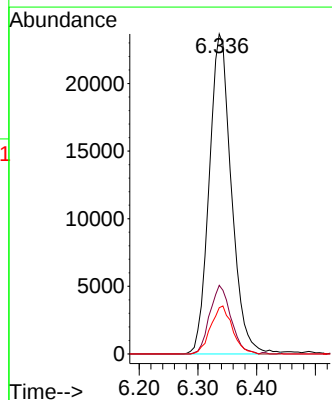
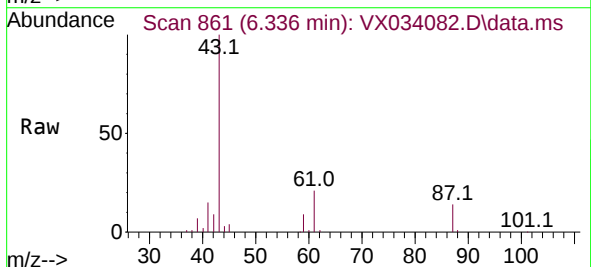
Tgt Ion: 43 Resp: 62094

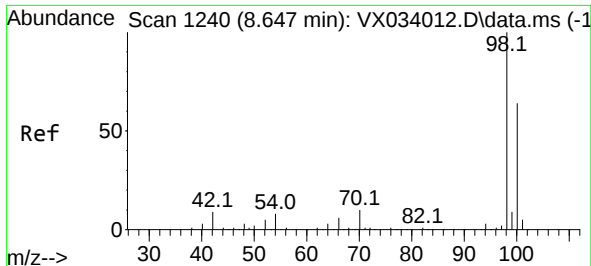
Ion Ratio Lower Upper

43 100

61 20.4 15.7 23.5

87 14.6 10.6 15.8

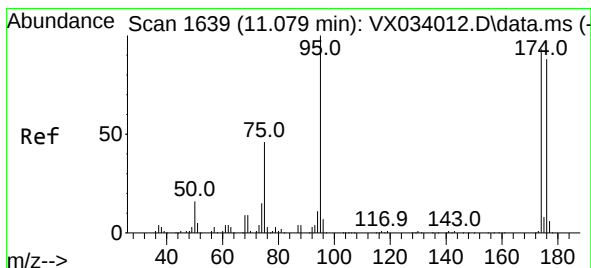
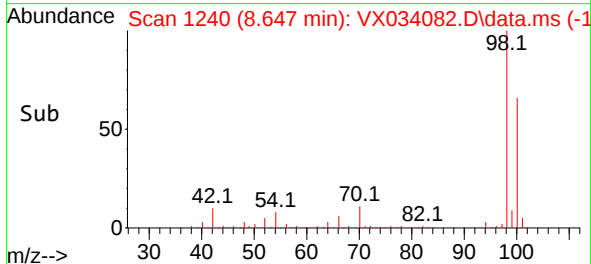
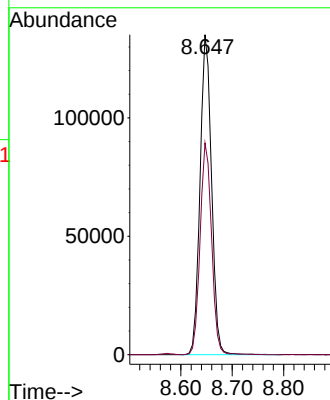
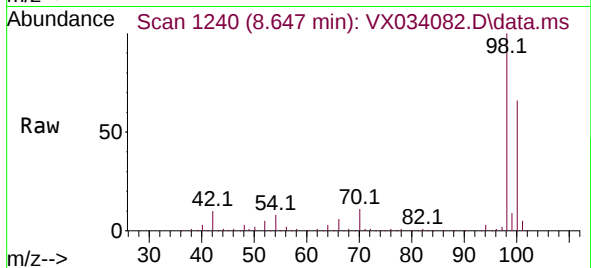




#50
Toluene-d8
Concen: 49.720 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034082.D
Acq: 08 Feb 2023 13:56

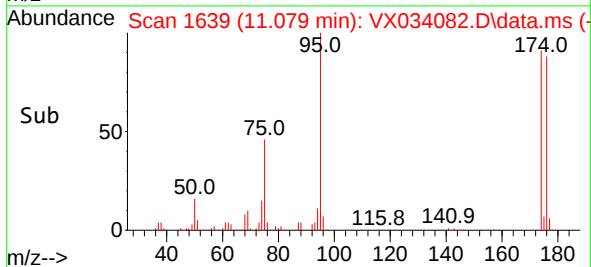
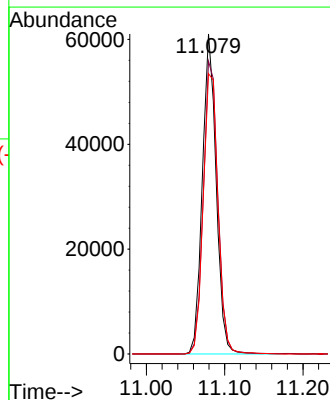
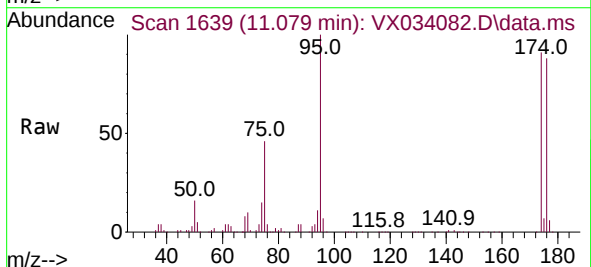
Instrument :
MSVOA_X
ClientSampleId :
TCLP-4

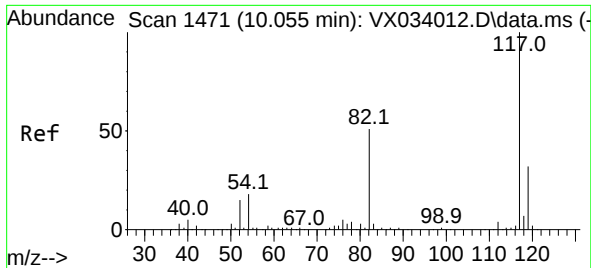
Tgt Ion: 98 Resp: 209316
Ion Ratio Lower Upper
98 100
100 66.3 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 49.690 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034082.D
Acq: 08 Feb 2023 13:56

Tgt Ion: 95 Resp: 74714
Ion Ratio Lower Upper
95 100
174 96.6 0.0 184.4
176 94.2 0.0 178.8

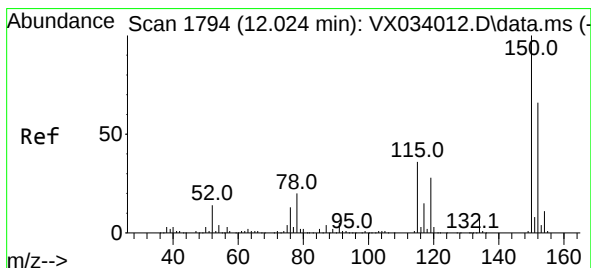
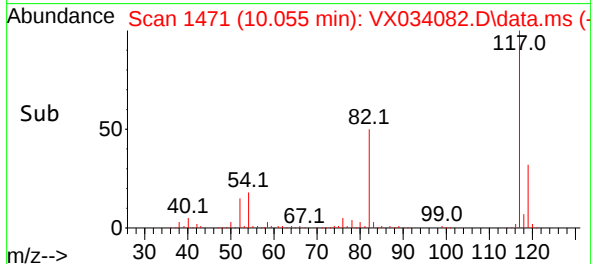
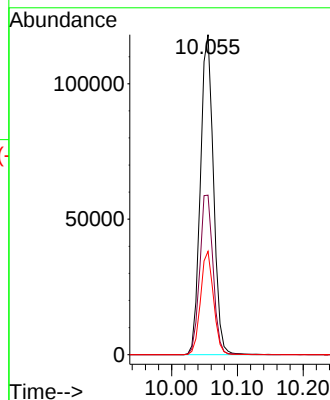
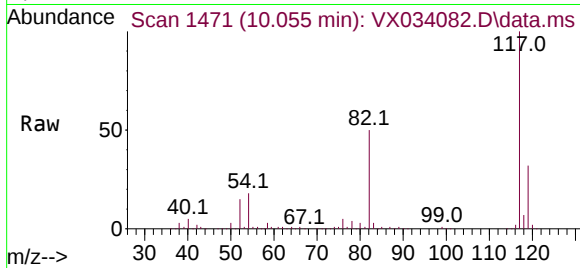




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034082.D
Acq: 08 Feb 2023 13:56

Instrument :
MSVOA_X
ClientSampleId :
TCLP-4

Tgt Ion:117 Resp: 163188
Ion Ratio Lower Upper
117 100
82 49.9 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: VX034082.D
Acq: 08 Feb 2023 13:56

Tgt Ion:152 Resp: 82842
Ion Ratio Lower Upper
152 100
115 53.3 38.7 116.1
150 157.0 0.0 348.2

