

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012323\
 Data File : VX033854.D
 Acq On : 23 Jan 2023 17:06
 Operator : JC/MD
 Sample : 01251-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TCLP-1

Quant Time: Jan 24 00:44:30 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)

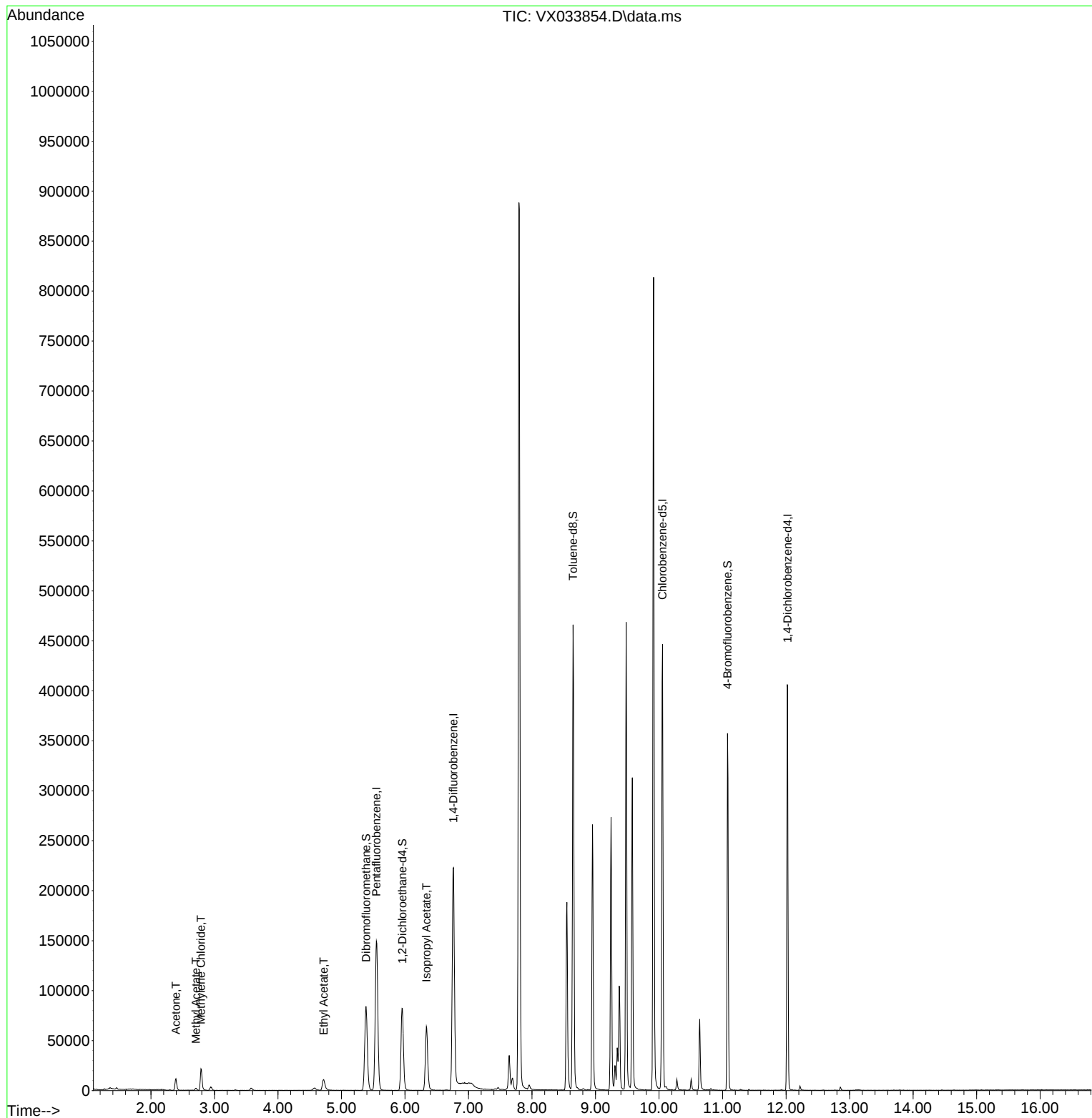
Internal Standards						
1) Pentafluorobenzene	5.550	168	165046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	242450	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79700	45.863	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.720%
35) Dibromofluoromethane	5.385	113	74595	49.549	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.100%
50) Toluene-d8	8.647	98	276130	50.340	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.680%
62) 4-Bromofluorobenzene	11.079	95	91624	44.989	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.980%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	15235	12.347	ug/l	94
18) Methyl Acetate	2.709	43	2851	1.176	ug/l	99
20) Methylene Chloride	2.788	84	11048	5.060	ug/l	94
37) Ethyl Acetate	4.721	43	20158	7.167	ug/l	99
43) Isopropyl Acetate	6.336	43	88610	25.546	ug/l	99

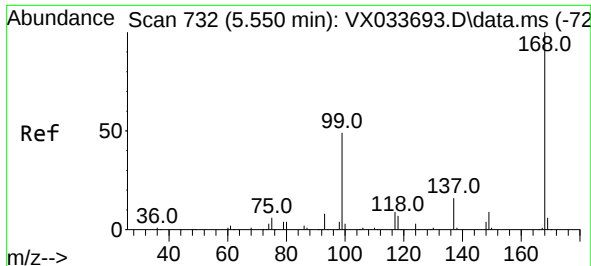
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :
TCPL-1

Quant Time: Jan 24 00:44:30 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

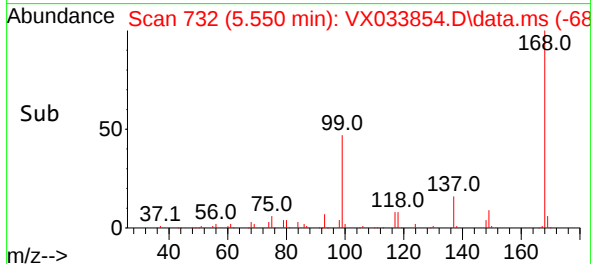
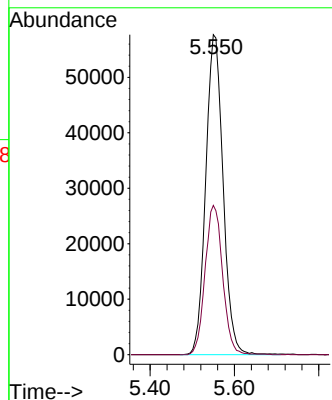
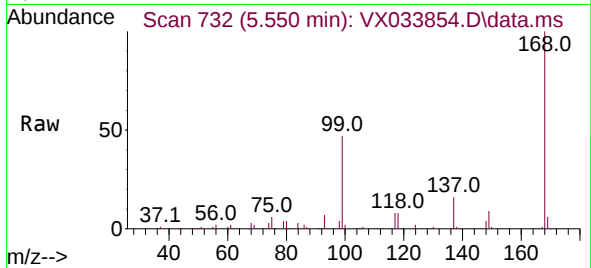




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033854.D
Acq: 23 Jan 2023 17:06

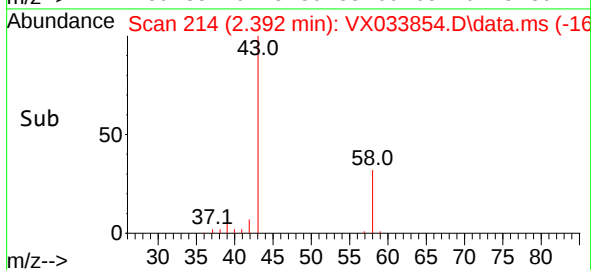
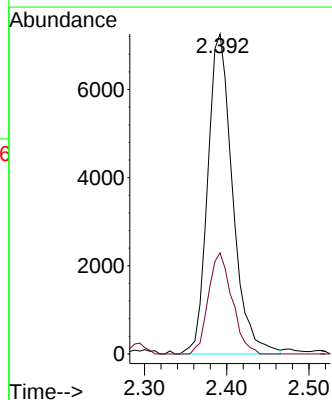
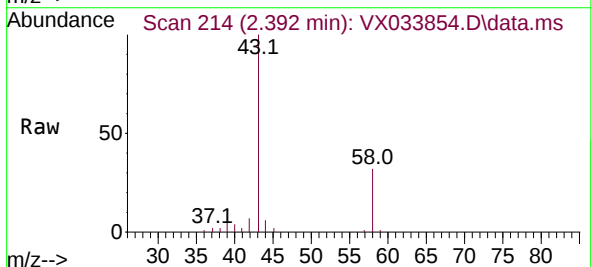
Instrument :
MSVOA_X
ClientSampleId :
TCLP-1

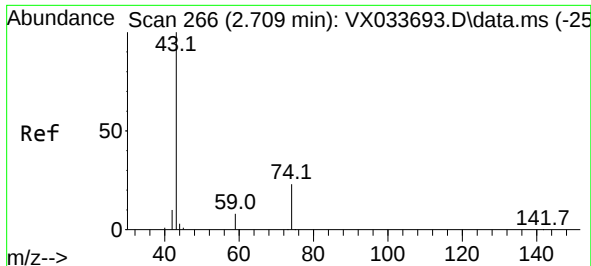
Tgt Ion:168 Resp: 165046
Ion Ratio Lower Upper
168 100
99 46.6 39.6 59.4



#16
Acetone
Concen: 12.347 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX033854.D
Acq: 23 Jan 2023 17:06

Tgt Ion: 43 Resp: 15235
Ion Ratio Lower Upper
43 100
58 31.6 22.6 33.8

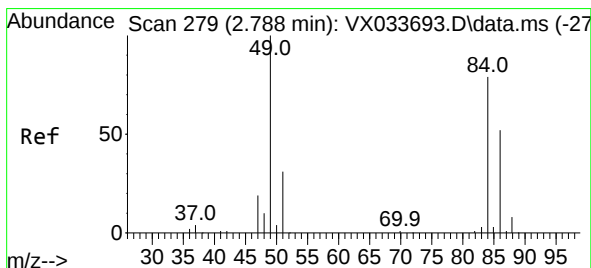
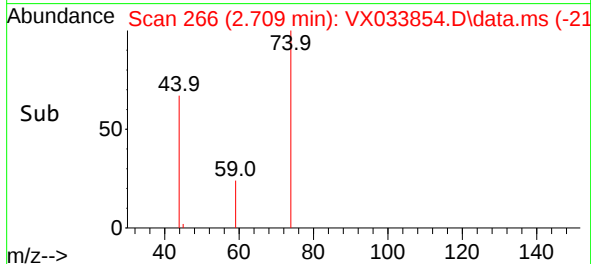
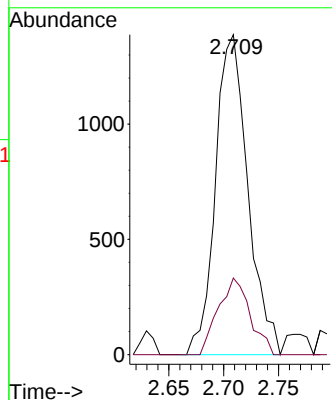
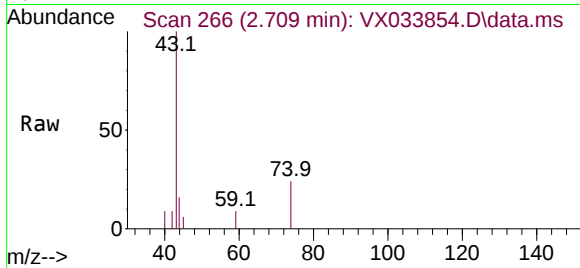




#18
Methyl Acetate
Concen: 1.176 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX033854.D
Acq: 23 Jan 2023 17:06

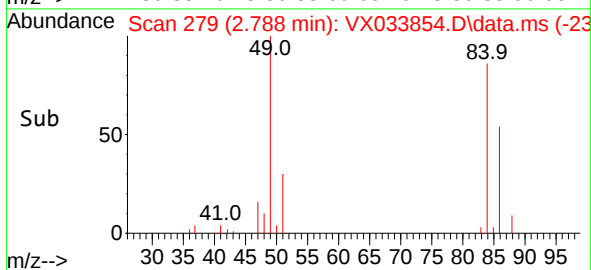
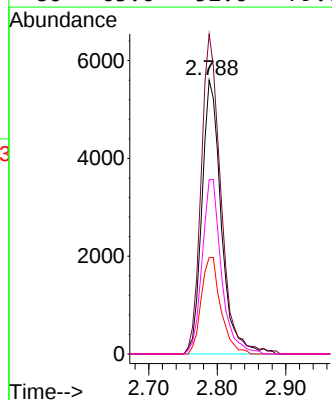
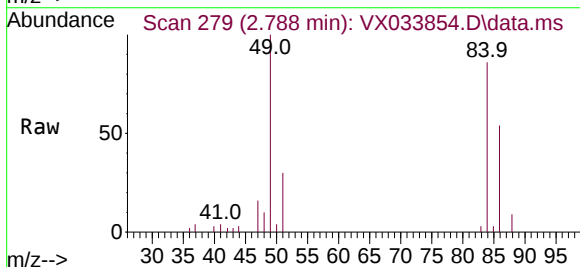
Instrument :
MSVOA_X
ClientSampleId :
TCLP-1

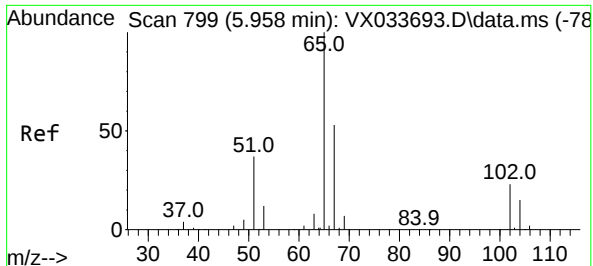
Tgt Ion: 43 Resp: 2851
Ion Ratio Lower Upper
43 100
74 23.5 18.2 27.4



#20
Methylene Chloride
Concen: 5.060 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033854.D
Acq: 23 Jan 2023 17:06

Tgt Ion: 84 Resp: 11048
Ion Ratio Lower Upper
84 100
49 116.8 101.1 151.7
51 35.2 31.0 46.6
86 63.6 52.6 79.0





#33

1,2-Dichloroethane-d4

Concen: 45.863 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX033854.D

Acq: 23 Jan 2023 17:06

Instrument :

MSVOA_X

ClientSampleId :

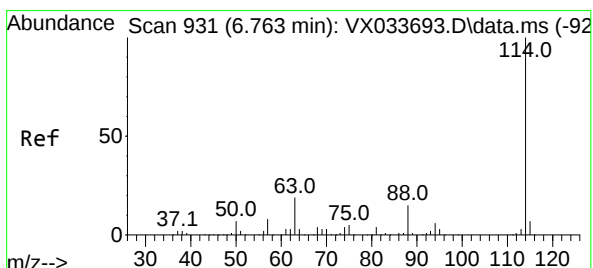
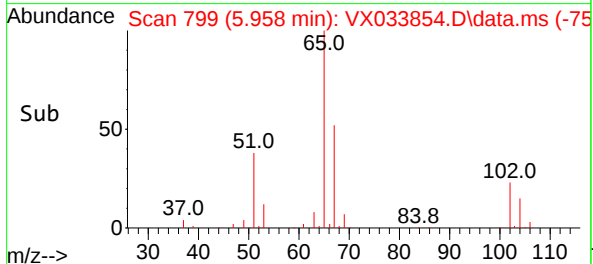
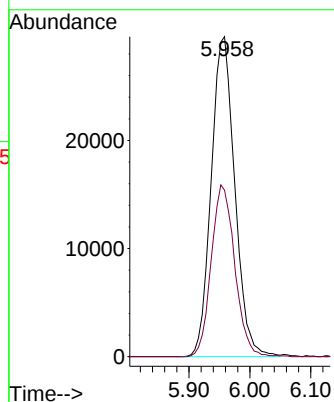
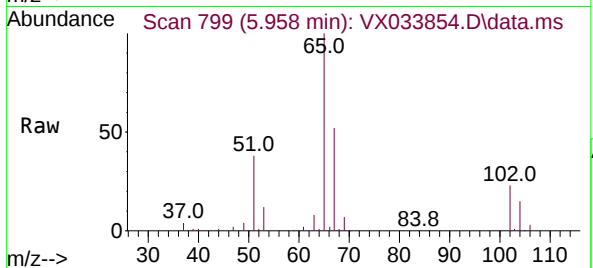
TCLP-1

Tgt Ion: 65 Resp: 79700

Ion Ratio Lower Upper

65 100

67 53.5 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033854.D

Acq: 23 Jan 2023 17:06

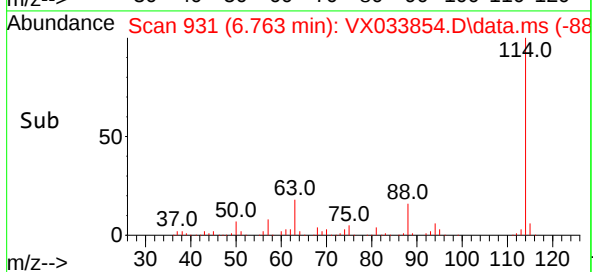
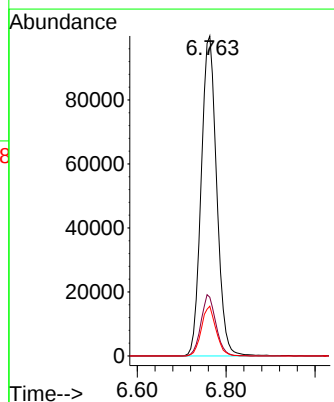
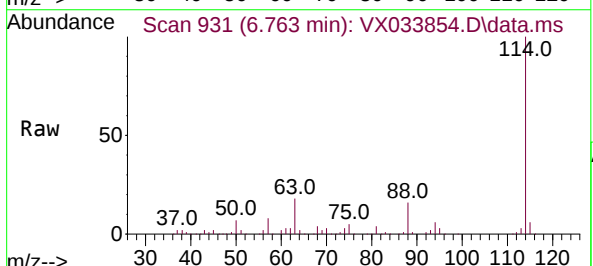
Tgt Ion: 114 Resp: 242450

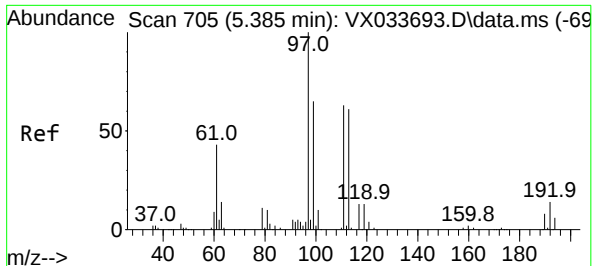
Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.4

88 15.5 0.0 30.6

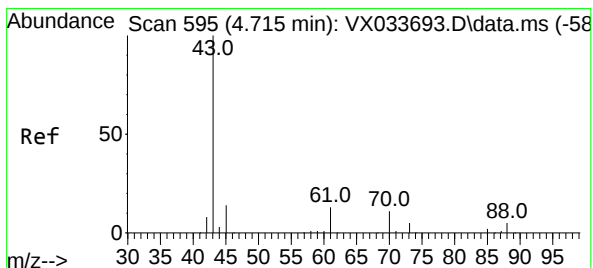
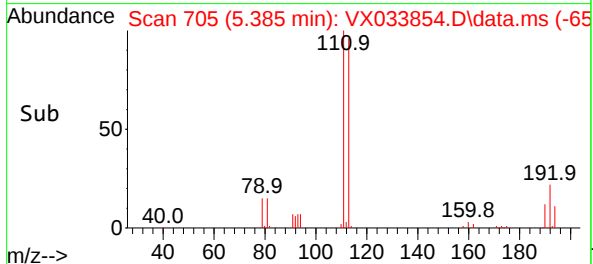
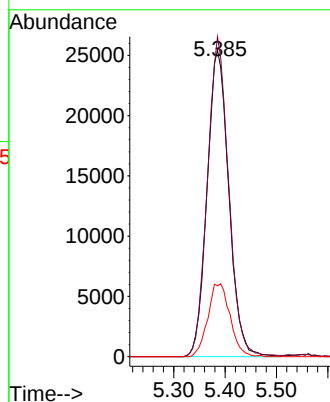
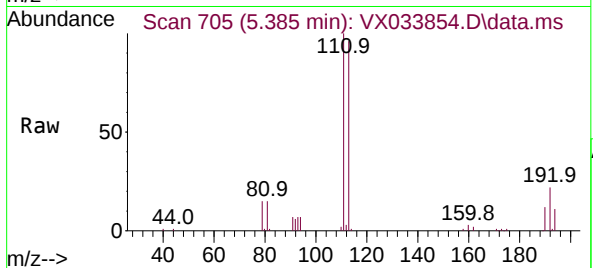




#35
Dibromofluoromethane
Concen: 49.549 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033854.D
Acq: 23 Jan 2023 17:06

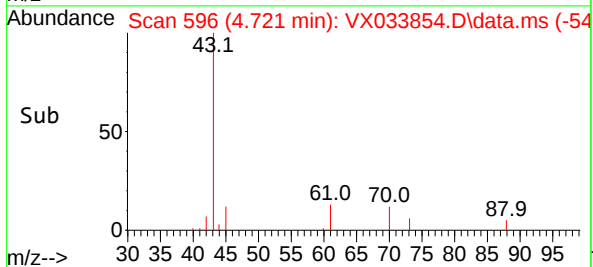
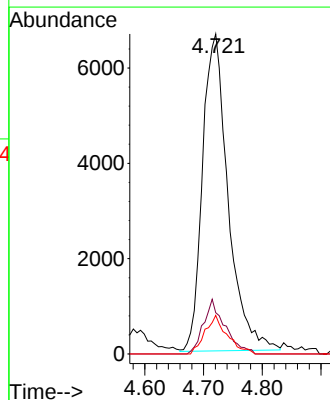
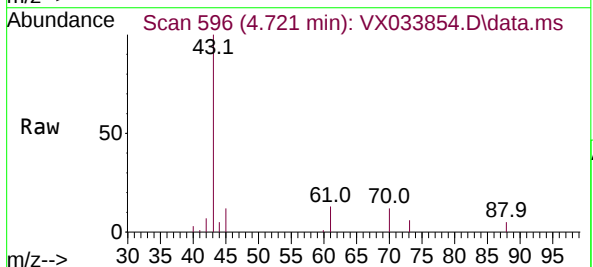
Instrument :
MSVOA_X
ClientSampleId :
TCLP-1

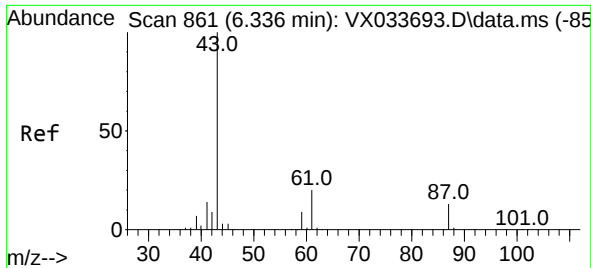
Tgt Ion:113 Resp: 74595
Ion Ratio Lower Upper
113 100
111 102.3 83.0 124.6
192 24.5 19.0 28.4



#37
Ethyl Acetate
Concen: 7.167 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX033854.D
Acq: 23 Jan 2023 17:06

Tgt Ion: 43 Resp: 20158
Ion Ratio Lower Upper
43 100
61 14.5 11.1 16.7
70 10.5 8.5 12.7

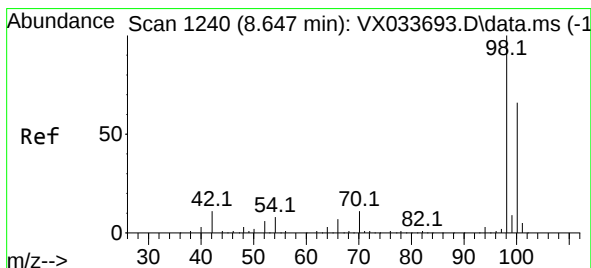
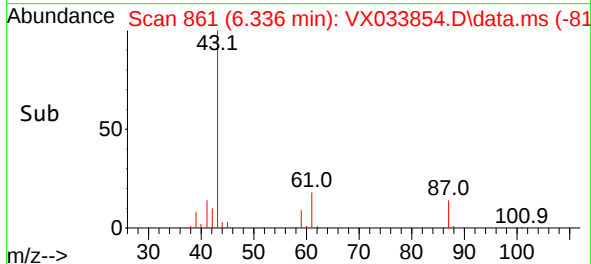
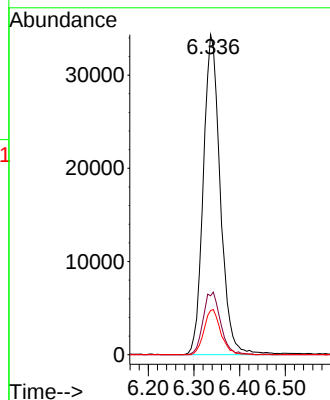
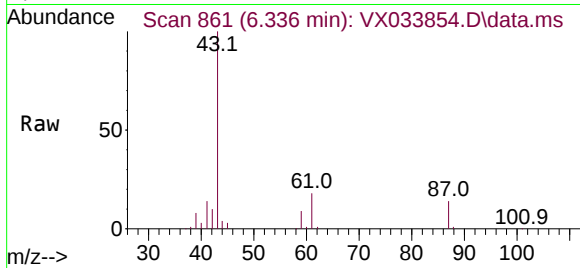




#43
Isopropyl Acetate
Concen: 25.546 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX033854.D
Acq: 23 Jan 2023 17:06

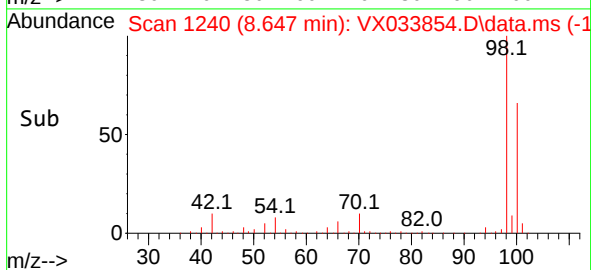
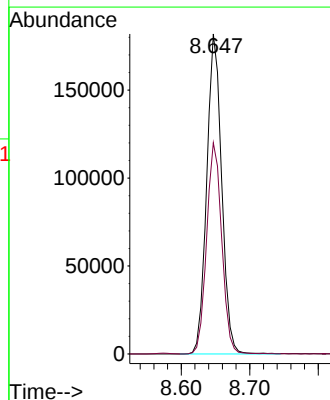
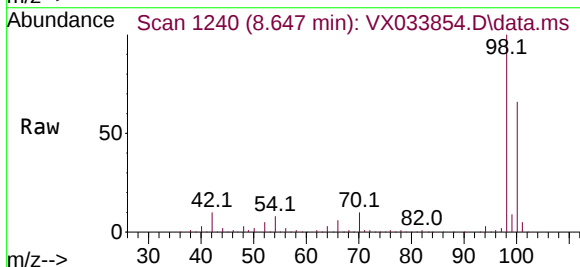
Instrument :
MSVOA_X
ClientSampleId :
TCLP-1

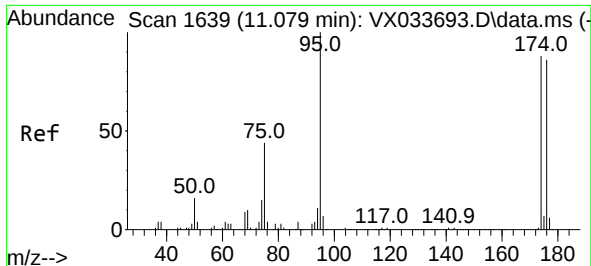
Tgt Ion: 43 Resp: 88610
Ion Ratio Lower Upper
43 100
61 20.1 15.7 23.5
87 13.8 10.6 15.8



#50
Toluene-d8
Concen: 50.340 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033854.D
Acq: 23 Jan 2023 17:06

Tgt Ion: 98 Resp: 276130
Ion Ratio Lower Upper
98 100
100 66.7 53.6 80.4





#62

4-Bromofluorobenzene

Concen: 44.989 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX033854.D

Acq: 23 Jan 2023 17:06

Instrument :

MSVOA_X

ClientSampleId :

TCLP-1

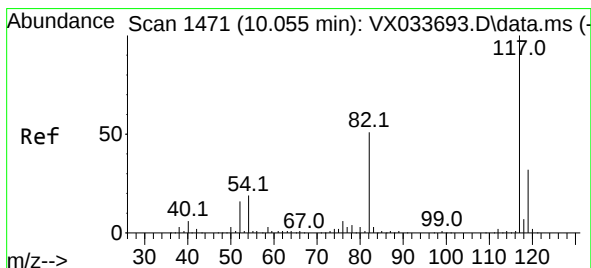
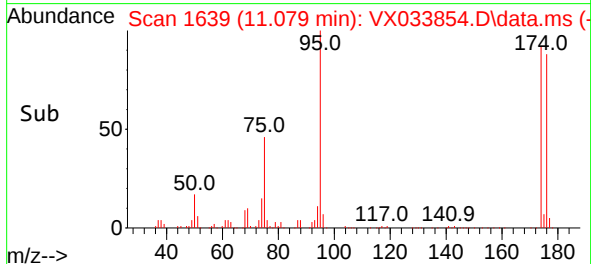
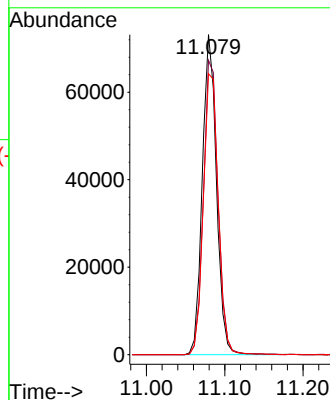
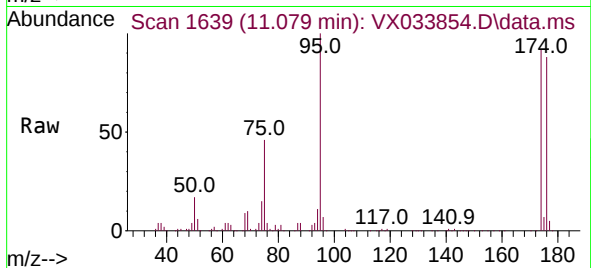
Tgt Ion: 95 Resp: 91624

Ion Ratio Lower Upper

95 100

174 95.3 0.0 184.4

176 92.9 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: VX033854.D

Acq: 23 Jan 2023 17:06

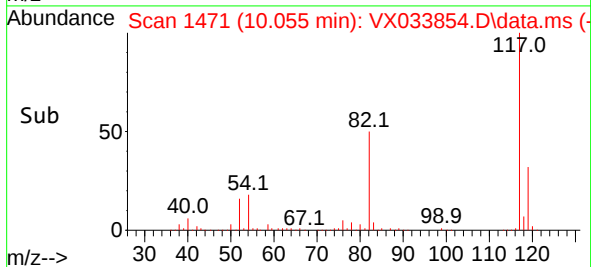
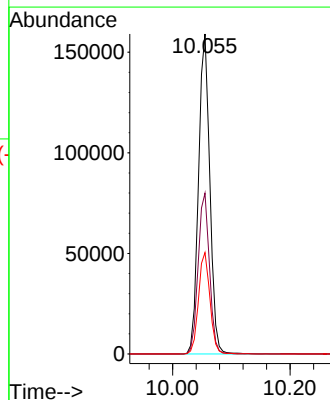
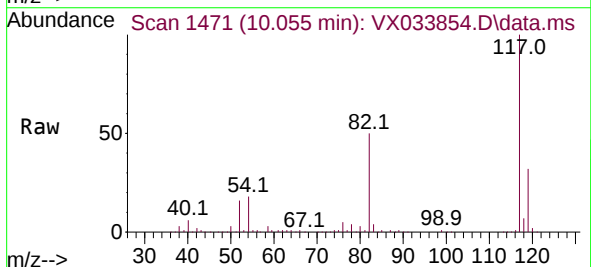
Tgt Ion: 117 Resp: 212330

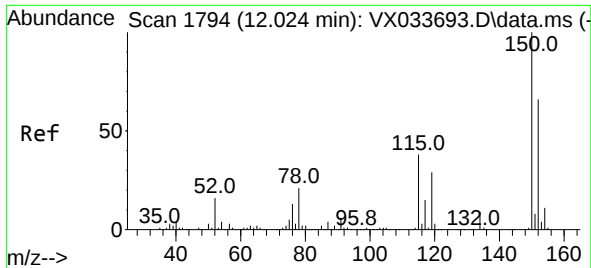
Ion Ratio Lower Upper

117 100

82 50.3 40.6 60.8

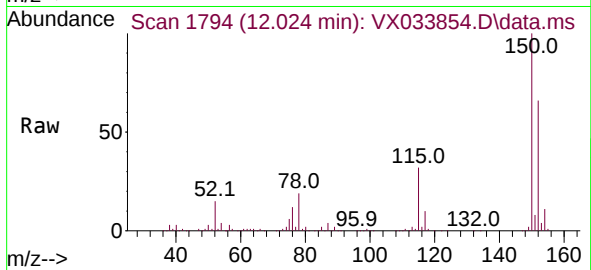
119 31.7 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX033854.D
 Acq: 23 Jan 2023 17:06

Instrument :
 MSVOA_X
 ClientSampleId :
 TCLP-1



Tgt Ion:152 Resp: 96104
 Ion Ratio Lower Upper
 152 100
 115 53.1 38.7 116.1
 150 154.7 0.0 348.2

