

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122122\
 Data File : VX033534.D
 Acq On : 21 Dec 2022 15:05
 Operator : JC/MD
 Sample : N6160-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TCLP-VOC-8-3051

Quant Time: Dec 22 03:58:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

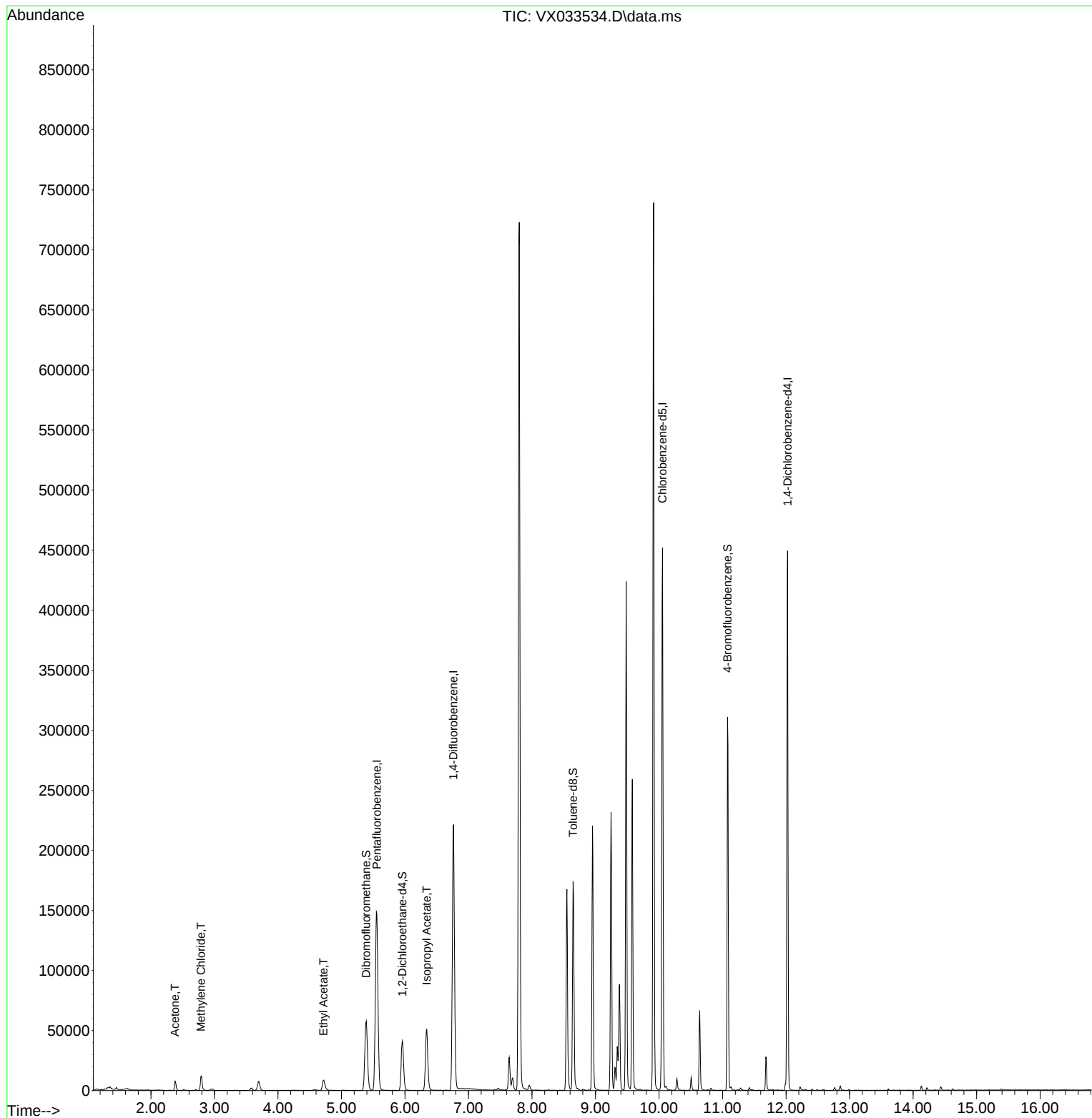
Internal Standards						
1) Pentafluorobenzene	5.556	168	152115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	238712	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	42421	43.470	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.940%
35) Dibromofluoromethane	5.385	113	51872	48.312	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.620%
50) Toluene-d8	8.647	98	107446	47.837	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.680%
62) 4-Bromofluorobenzene	11.079	95	84643	49.286	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.580%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	8598	11.907	ug/l	98
20) Methylene Chloride	2.788	84	6564	4.076	ug/l #	81
37) Ethyl Acetate	4.715	43	16136	8.155	ug/l	98
43) Isopropyl Acetate	6.342	43	69006	21.674	ug/l	95

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

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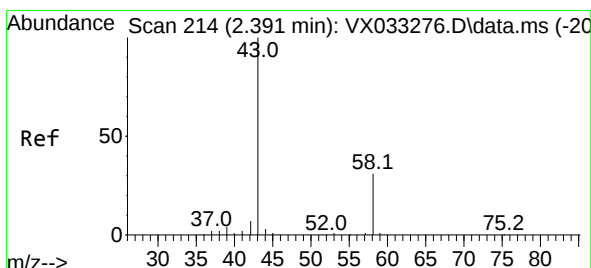
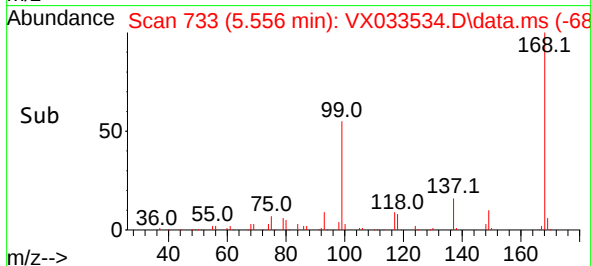
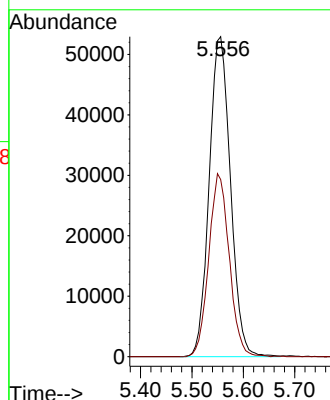
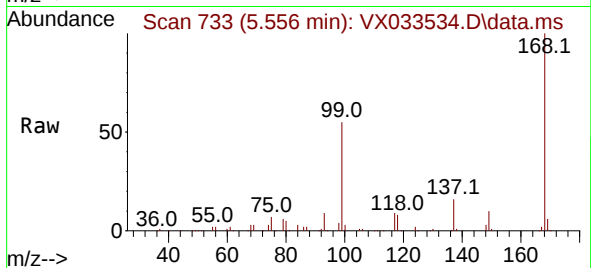




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033534.D
Acq: 21 Dec 2022 15:05

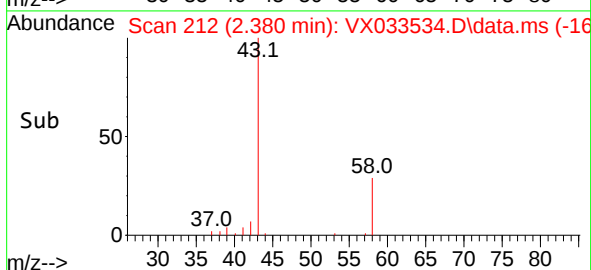
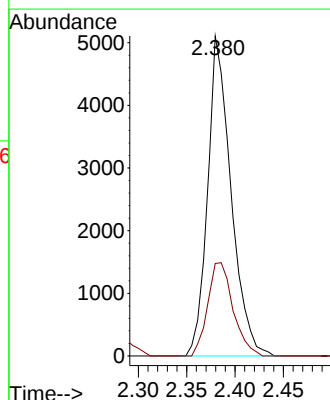
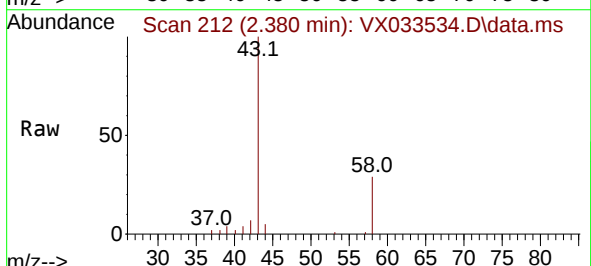
Instrument :
MSVOA_X
ClientSampleId :
TCLP-VOC-8-3051

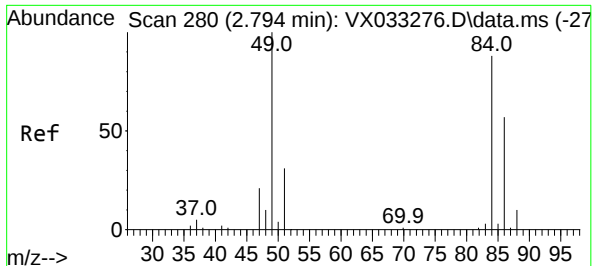
Tgt Ion:168 Resp: 152115
Ion Ratio Lower Upper
168 100
99 55.3 46.1 69.1



#16
Acetone
Concen: 11.907 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX033534.D
Acq: 21 Dec 2022 15:05

Tgt Ion: 43 Resp: 8598
Ion Ratio Lower Upper
43 100
58 28.9 23.8 35.8



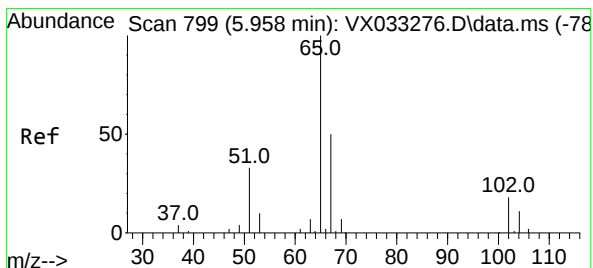
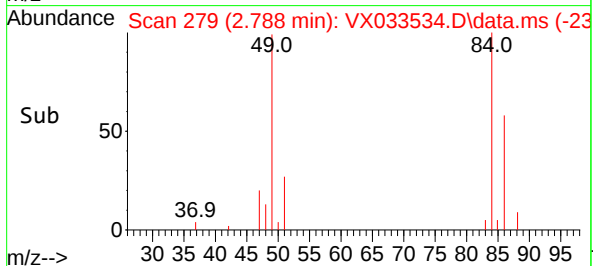
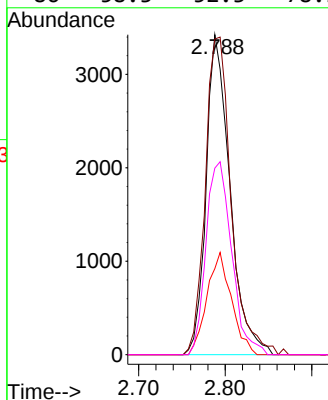
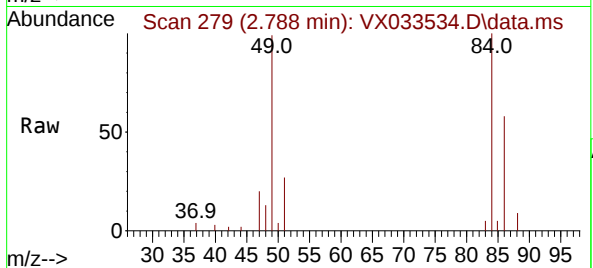


#20
Methylene Chloride
Concen: 4.076 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX033534.D
Acq: 21 Dec 2022 15:05

Instrument :
MSVOA_X
ClientSampleId :
TCLP-VOC-8-3051

Tgt Ion: 84 Resp: 6564

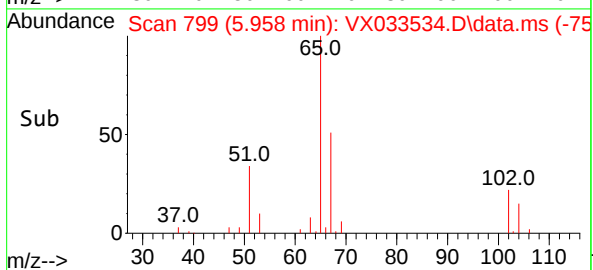
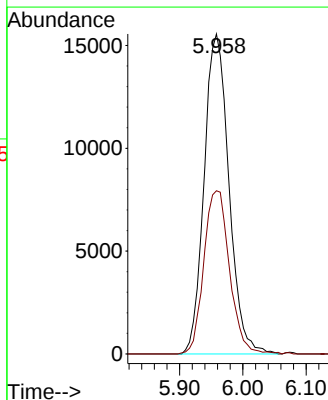
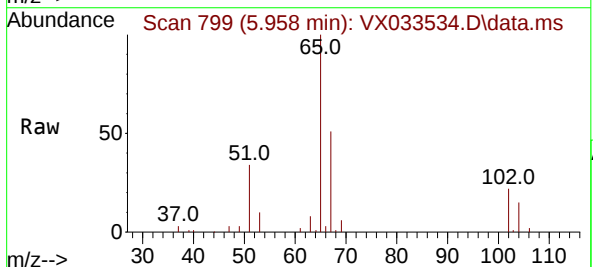
Ion	Ratio	Lower	Upper
84	100		
49	98.6	101.0	151.6#
51	26.9	31.1	46.7#
86	58.3	52.3	78.5

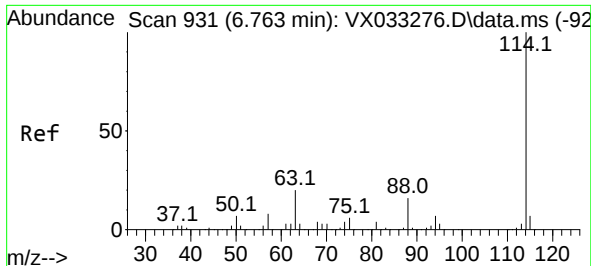


#33
1,2-Dichloroethane-d4
Concen: 43.470 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033534.D
Acq: 21 Dec 2022 15:05

Tgt Ion: 65 Resp: 42421

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	101.8

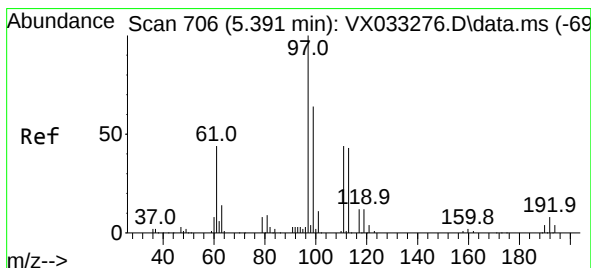
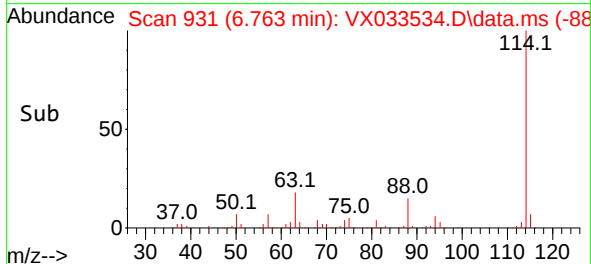
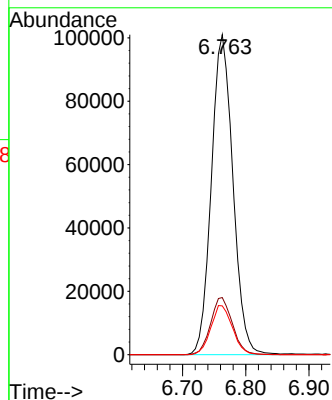
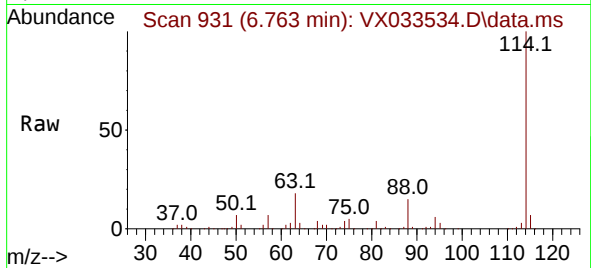




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033534.D
Acq: 21 Dec 2022 15:05

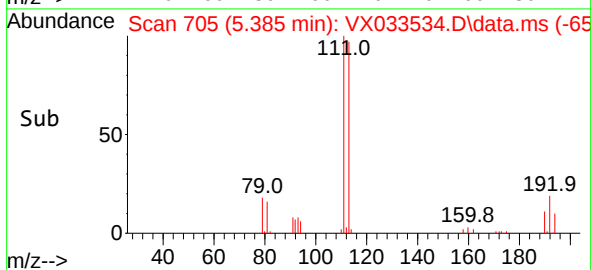
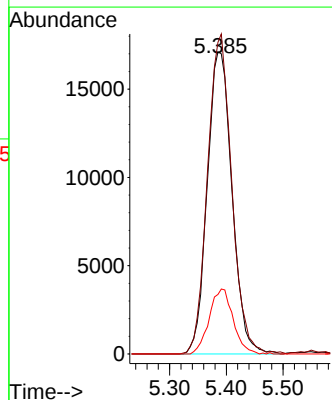
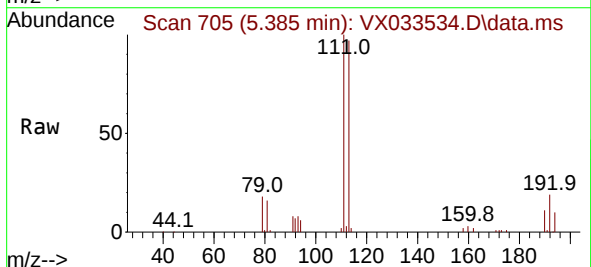
Instrument :
MSVOA_X
ClientSampleId :
TCLP-VOC-8-3051

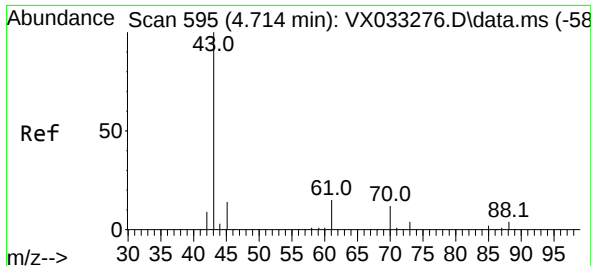
Tgt Ion:114 Resp: 238712
Ion Ratio Lower Upper
114 100
63 17.9 0.0 41.6
88 15.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.312 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033534.D
Acq: 21 Dec 2022 15:05

Tgt Ion:113 Resp: 51872
Ion Ratio Lower Upper
113 100
111 103.6 82.4 123.6
192 20.7 15.4 23.2





#37

Ethyl Acetate

Concen: 8.155 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX033534.D

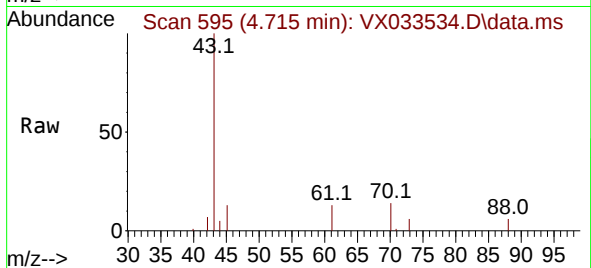
Acq: 21 Dec 2022 15:05

Instrument :

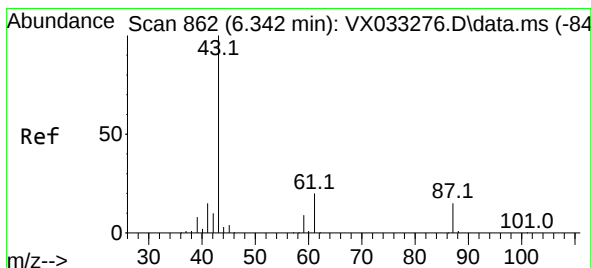
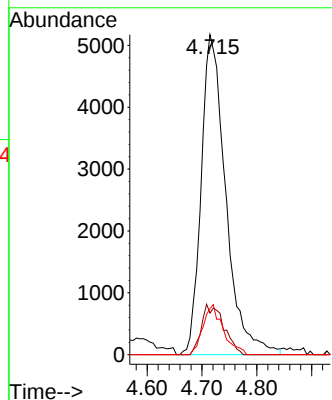
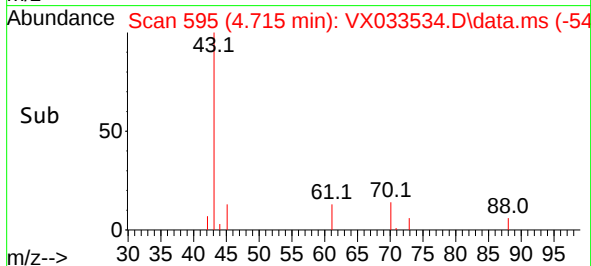
MSVOA_X

ClientSampleId :

TCLP-VOC-8-3051



Tgt Ion:	43	Resp:	16136
Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.5	17.3
70	12.8	9.1	13.7



#43

Isopropyl Acetate

Concen: 21.674 ug/l

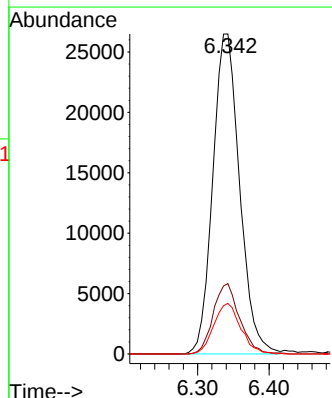
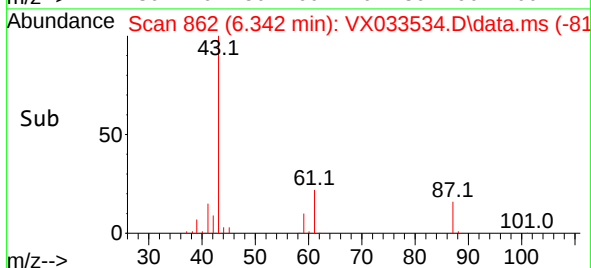
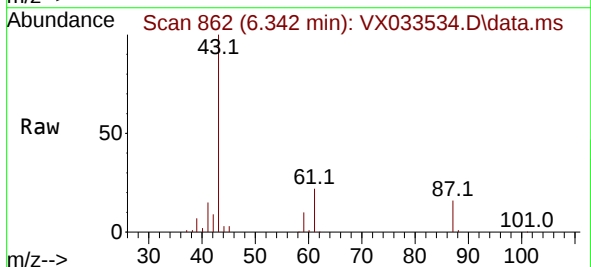
RT: 6.342 min Scan# 862

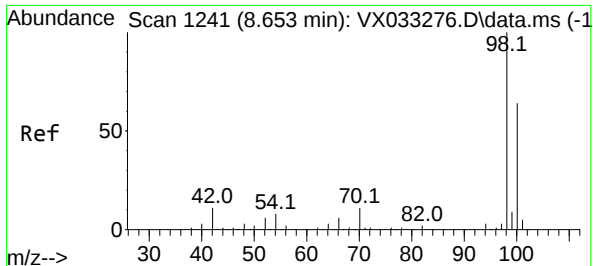
Delta R.T. 0.000 min

Lab File: VX033534.D

Acq: 21 Dec 2022 15:05

Tgt Ion:	43	Resp:	69006
Ion	Ratio	Lower	Upper
43	100		
61	21.5	15.4	23.0
87	15.8	10.8	16.2





#50

Toluene-d8

Concen: 47.837 ug/l

RT: 8.647 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX033534.D

Acq: 21 Dec 2022 15:05

Instrument :

MSVOA_X

ClientSampleId :

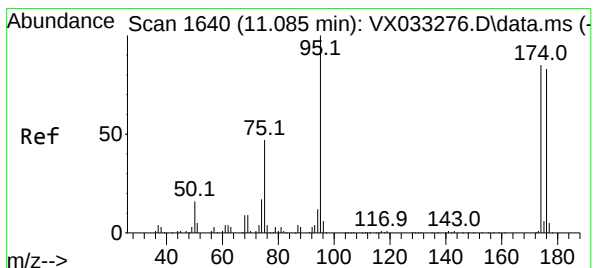
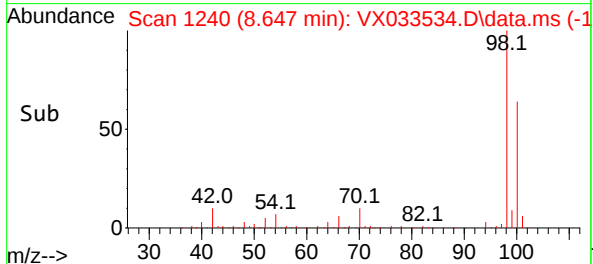
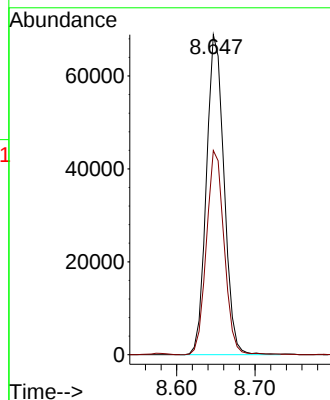
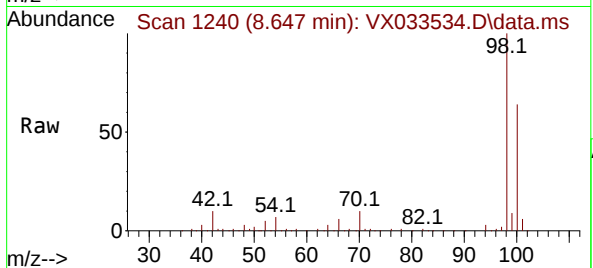
TCLP-VOC-8-3051

Tgt Ion: 98 Resp: 107446

Ion Ratio Lower Upper

98 100

100 64.2 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 49.286 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX033534.D

Acq: 21 Dec 2022 15:05

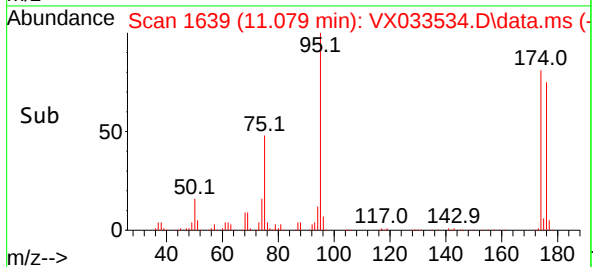
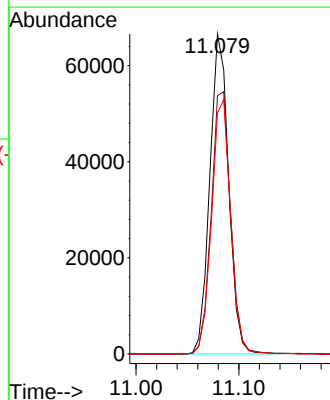
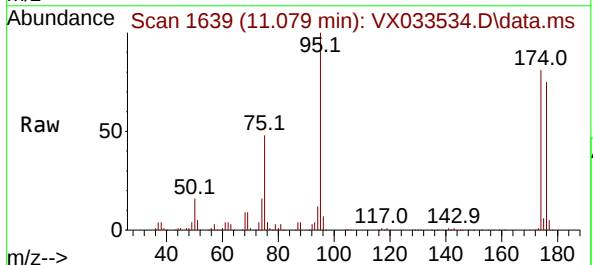
Tgt Ion: 95 Resp: 84643

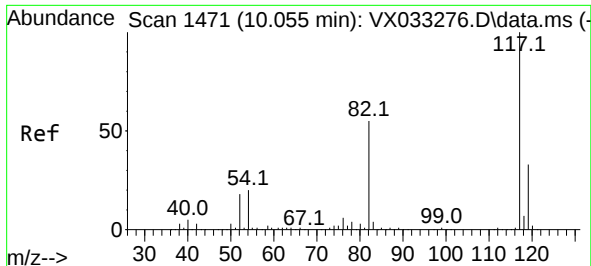
Ion Ratio Lower Upper

95 100

174 84.4 0.0 164.0

176 80.6 0.0 154.4

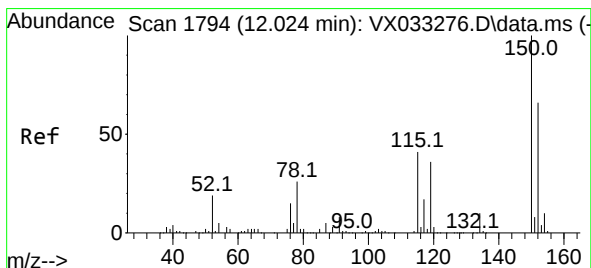
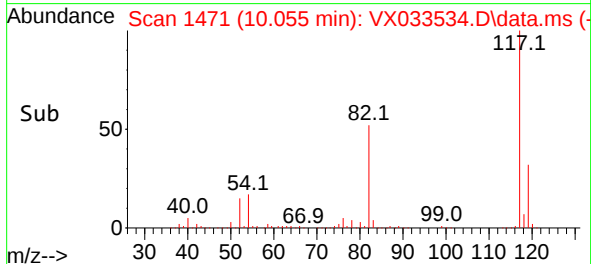
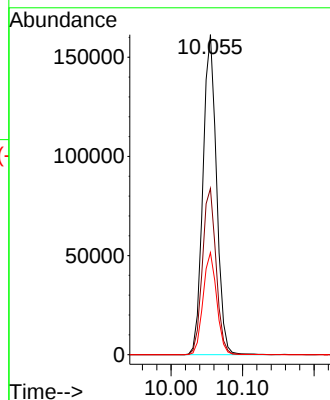
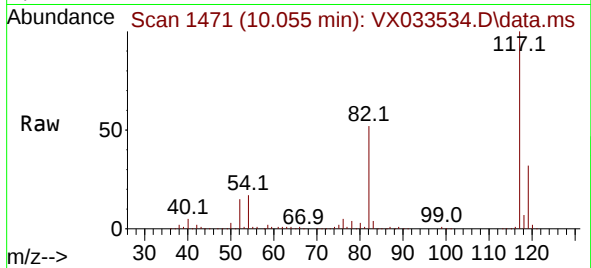




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033534.D
Acq: 21 Dec 2022 15:05

Instrument :
MSVOA_X
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TCLP-VOC-8-3051

Tgt Ion:117 Resp: 213136
Ion Ratio Lower Upper
117 100
82 51.9 44.3 66.5
119 31.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033534.D
Acq: 21 Dec 2022 15:05

Tgt Ion:152 Resp: 99964
Ion Ratio Lower Upper
152 100
115 59.2 44.0 132.0
150 155.6 0.0 351.8

