

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021623\
 Data File : VN076712.D
 Acq On : 16 Feb 2023 15:27
 Operator : JC\MD
 Sample : 01537-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TCLP-1

Quant Time: Feb 17 00:12:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

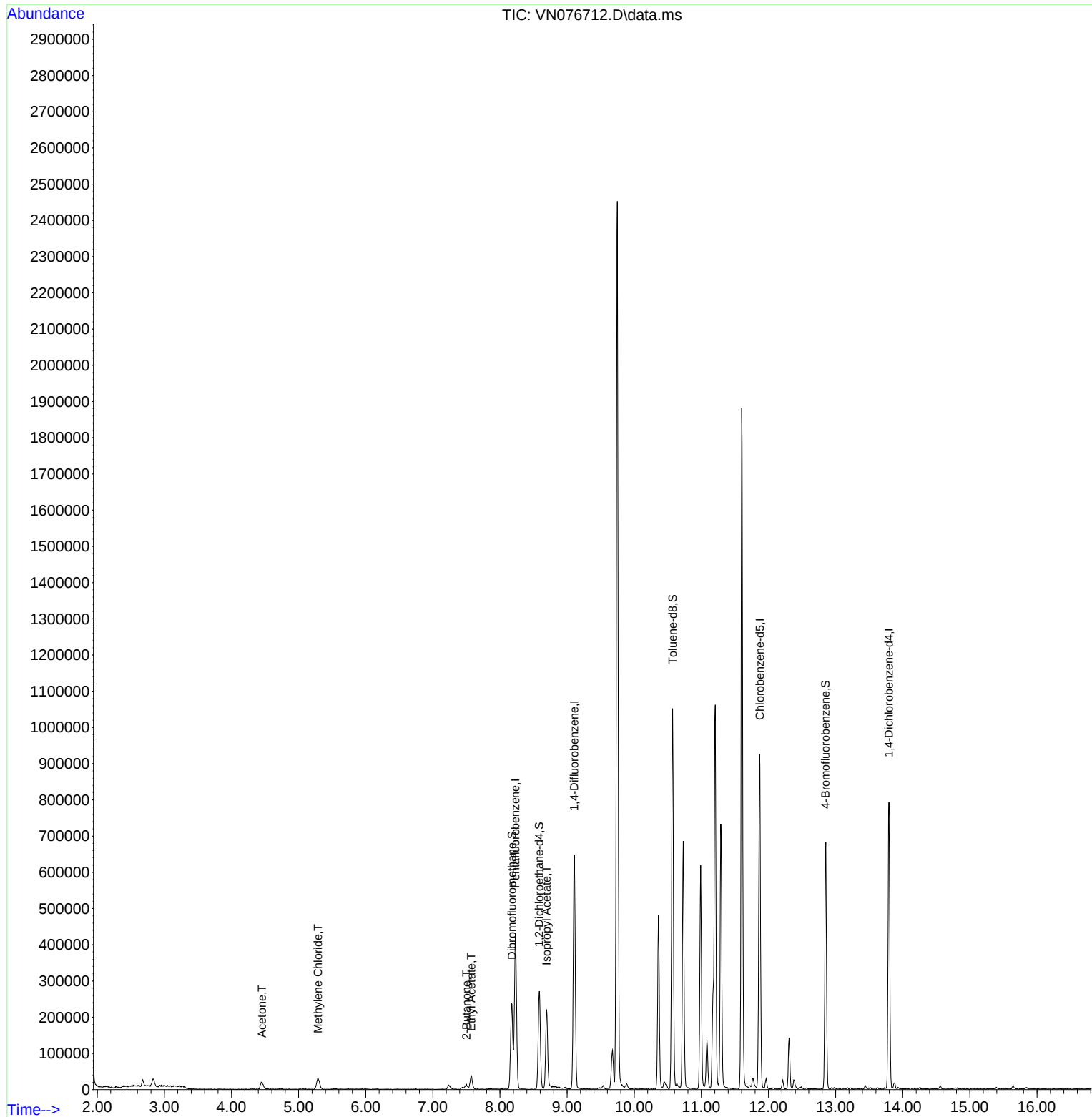
Internal Standards						
1) Pentafluorobenzene	8.230	168	305128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	545367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	532570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	209091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	215514	51.150	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.300%
35) Dibromofluoromethane	8.178	113	165789	46.420	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.840%
50) Toluene-d8	10.572	98	699643	52.455	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.900%
62) 4-Bromofluorobenzene	12.848	95	223958	50.697	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.400%
Target Compounds						
						Qvalue
16) Acetone	4.454	43	37754	20.060	ug/l	100
20) Methylene Chloride	5.290	84	21804	5.528	ug/l	87
25) 2-Butanone	7.501	43	19189	6.912	ug/l	96
37) Ethyl Acetate	7.572	43	56229	10.357	ug/l	96
43) Isopropyl Acetate	8.695	43	250201	28.320	ug/l #	90

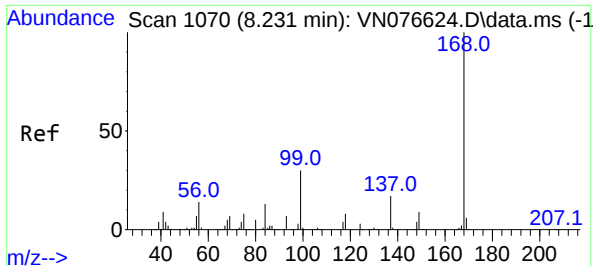
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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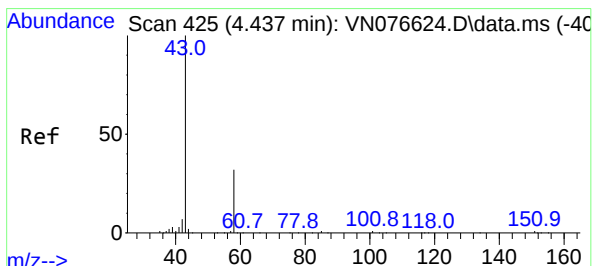
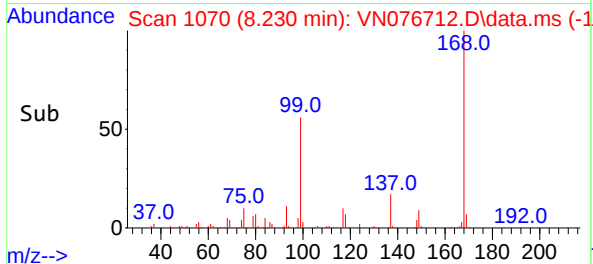
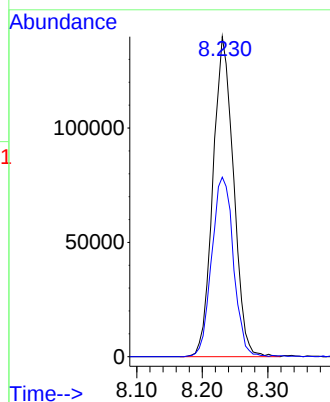
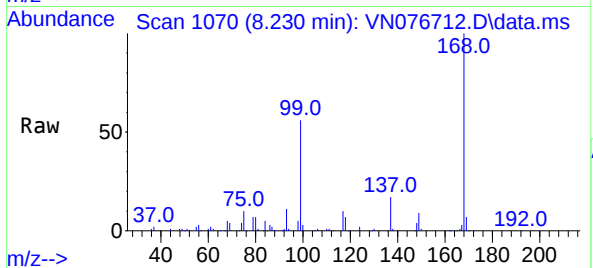




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN076712.D
Acq: 16 Feb 2023 15:27

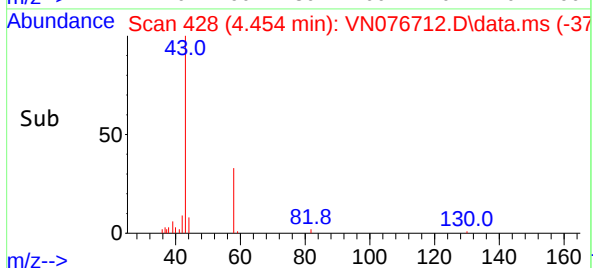
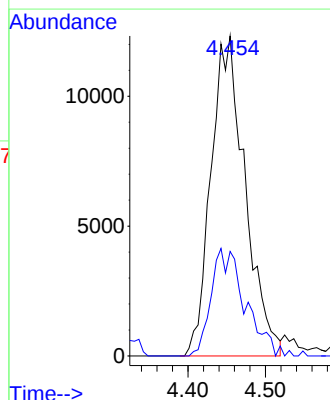
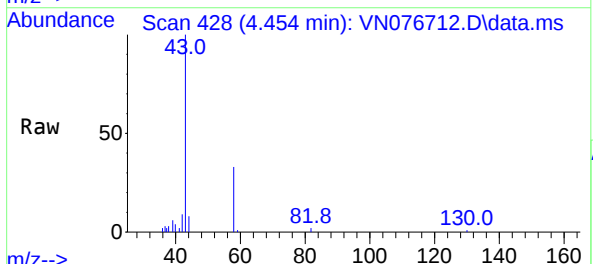
Instrument :
MSVOA_N
ClientSampleId :
TCLP-1

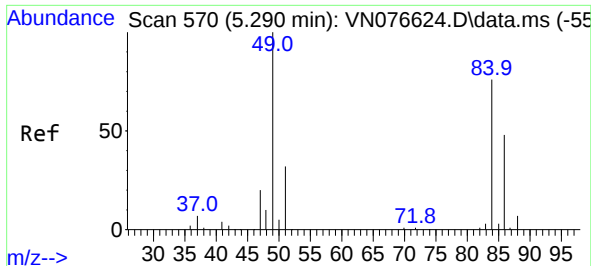
Tgt Ion:168 Resp: 305128
Ion Ratio Lower Upper
168 100
99 56.1 44.8 67.2



#16
Acetone
Concen: 20.060 ug/l
RT: 4.454 min Scan# 428
Delta R.T. 0.017 min
Lab File: VN076712.D
Acq: 16 Feb 2023 15:27

Tgt Ion: 43 Resp: 37754
Ion Ratio Lower Upper
43 100
58 32.7 25.9 38.9



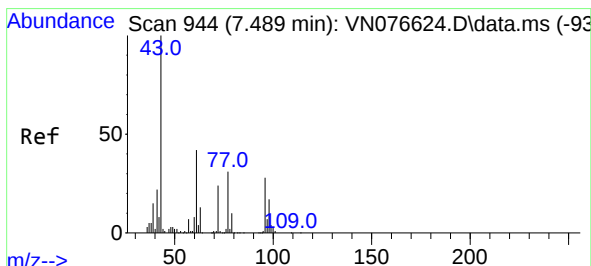
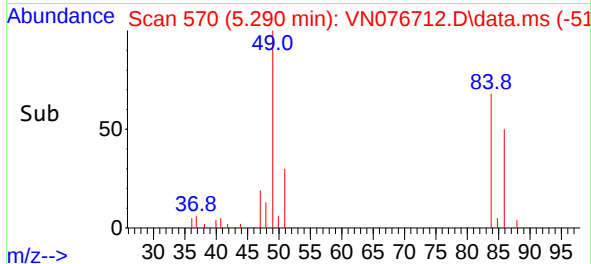
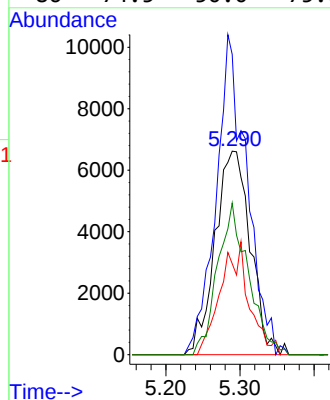
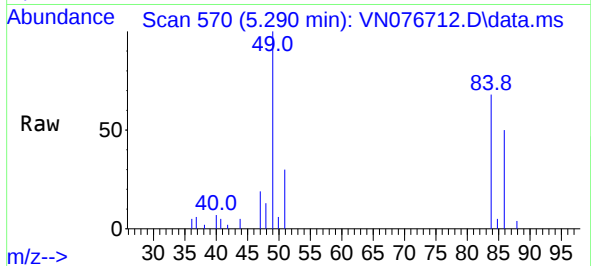


#20
Methylene Chloride
Concen: 5.528 ug/l
RT: 5.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN076712.D
Acq: 16 Feb 2023 15:27

Instrument :
MSVOA_N
ClientSampleId :
TCLP-1

Tgt Ion: 84 Resp: 21804

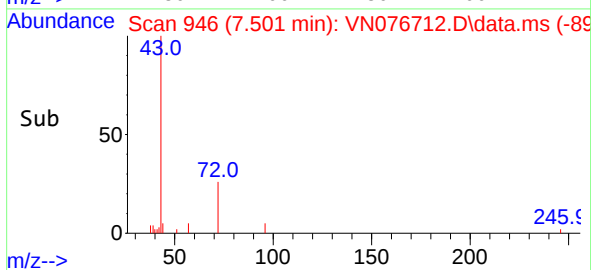
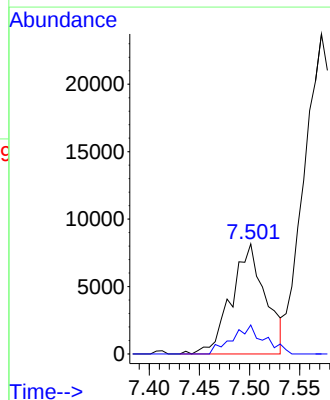
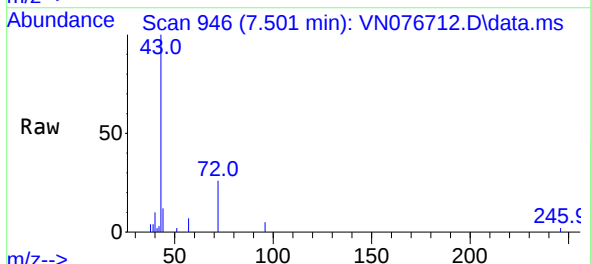
Ion	Ratio	Lower	Upper
84	100		
49	147.5	104.9	157.3
51	44.7	33.8	50.8
86	74.5	50.0	75.0

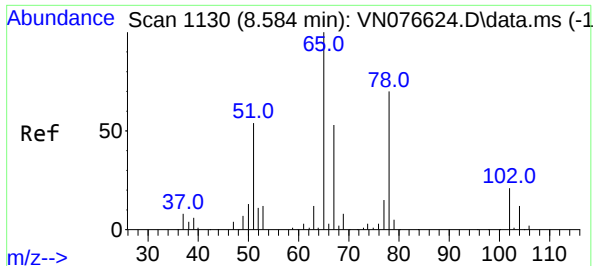


#25
2-Butanone
Concen: 6.912 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.012 min
Lab File: VN076712.D
Acq: 16 Feb 2023 15:27

Tgt Ion: 43 Resp: 19189

Ion	Ratio	Lower	Upper
43	100		
72	26.3	19.4	29.2

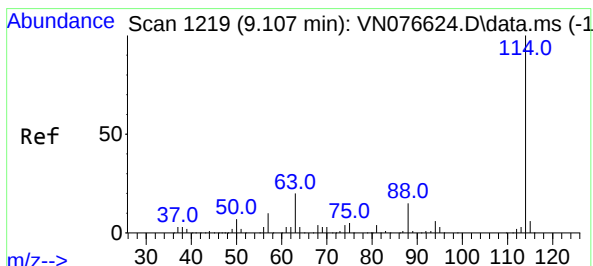
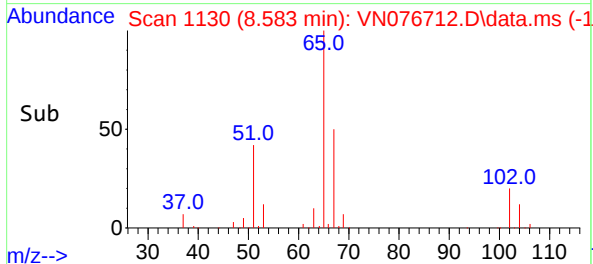
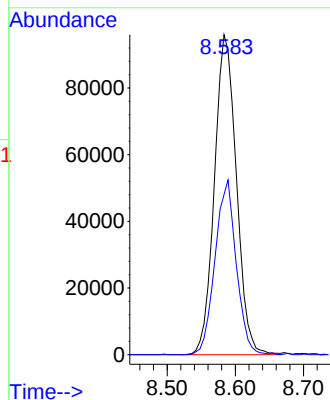
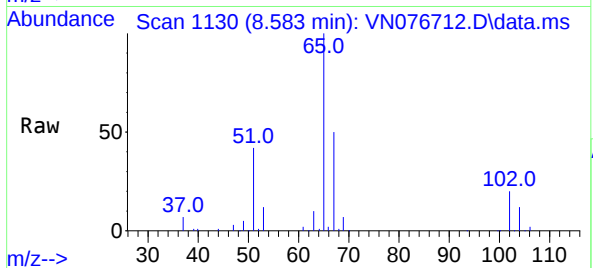




#33
1,2-Dichloroethane-d4
Concen: 51.150 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076712.D
Acq: 16 Feb 2023 15:27

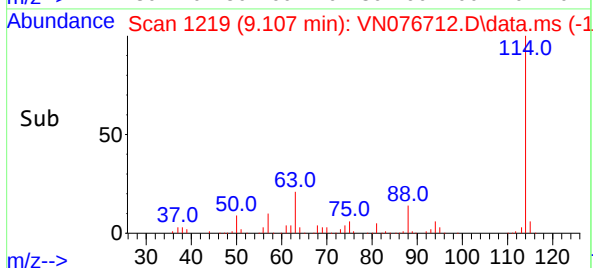
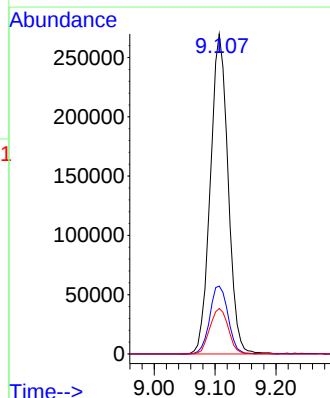
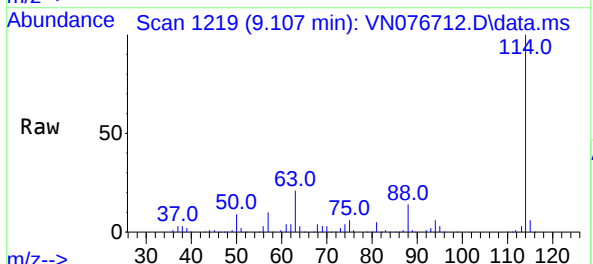
Instrument :
MSVOA_N
ClientSampleId :
TCLP-1

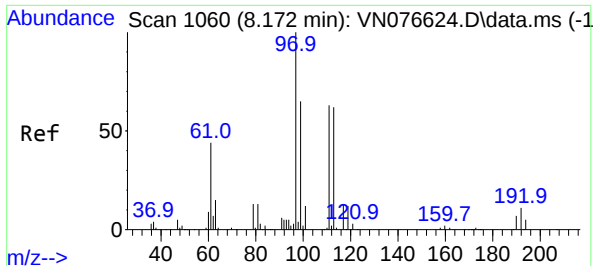
Tgt Ion: 65 Resp: 215514
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN076712.D
Acq: 16 Feb 2023 15:27

Tgt Ion: 114 Resp: 545367
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.0
88 14.2 0.0 29.6

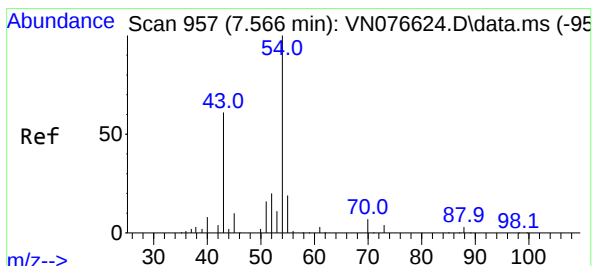
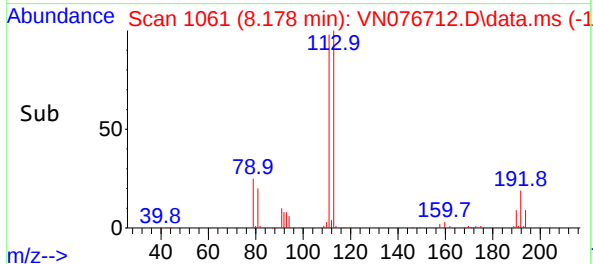
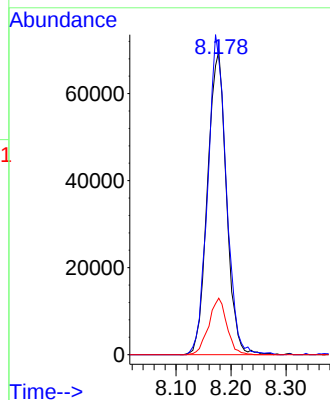
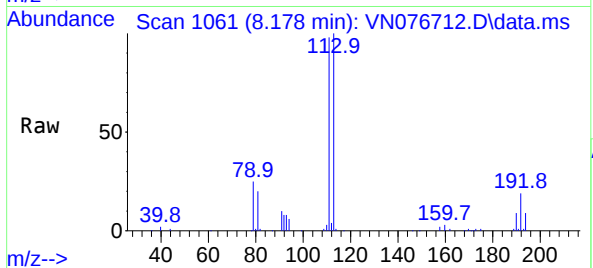




#35
Dibromofluoromethane
Concen: 46.420 ug/l
RT: 8.178 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN076712.D
Acq: 16 Feb 2023 15:27

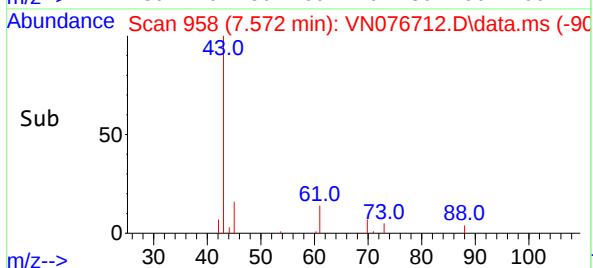
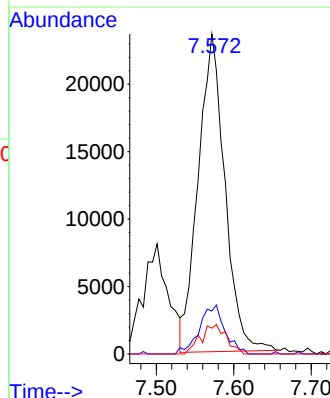
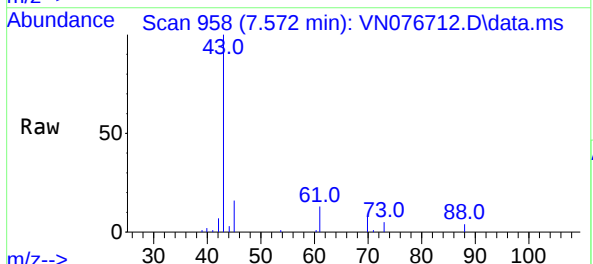
Instrument :
MSVOA_N
ClientSampleId :
TCLP-1

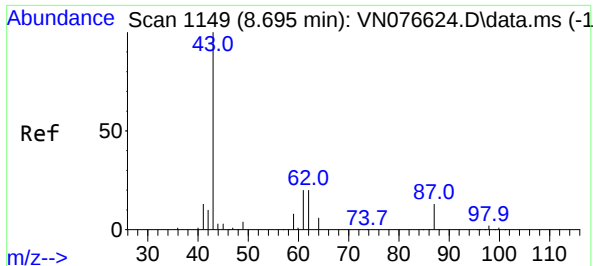
Tgt Ion:113 Resp: 165789
Ion Ratio Lower Upper
113 100
111 103.9 83.1 124.7
192 17.9 15.6 23.4



#37
Ethyl Acetate
Concen: 10.357 ug/l
RT: 7.572 min Scan# 958
Delta R.T. 0.006 min
Lab File: VN076712.D
Acq: 16 Feb 2023 15:27

Tgt Ion: 43 Resp: 56229
Ion Ratio Lower Upper
43 100
61 14.6 9.9 14.9
70 8.9 7.8 11.6

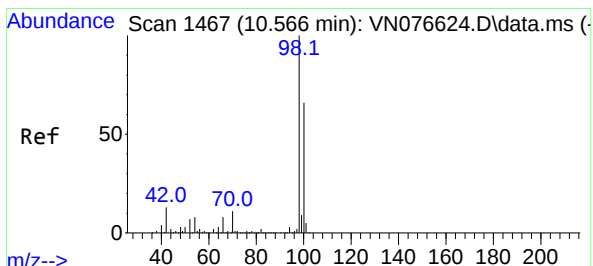
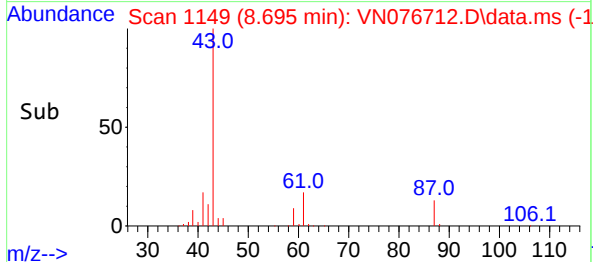
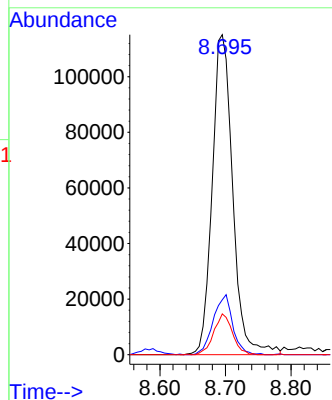
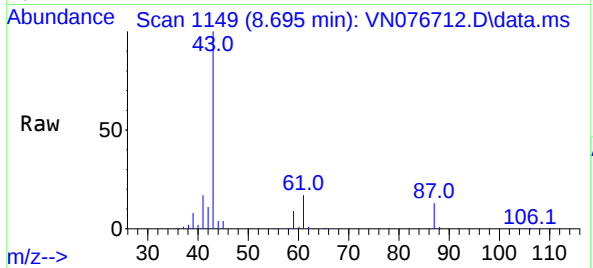




#43
Isopropyl Acetate
Concen: 28.320 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076712.D
Acq: 16 Feb 2023 15:27

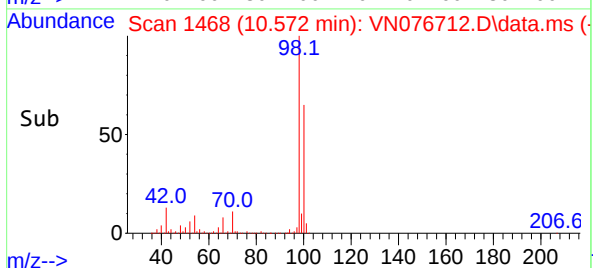
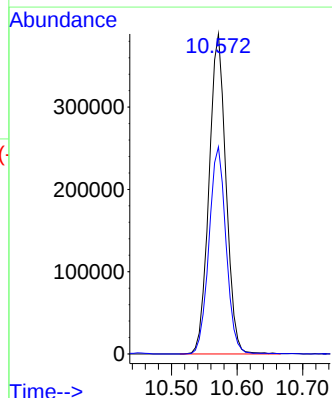
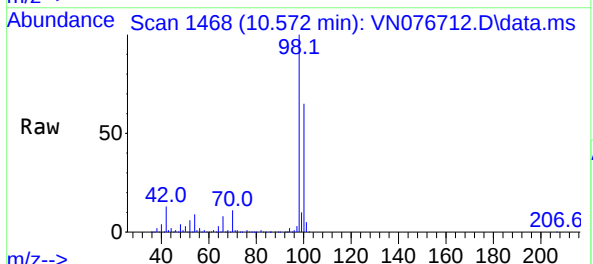
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MSVOA_N
ClientSampleId :
TCLP-1

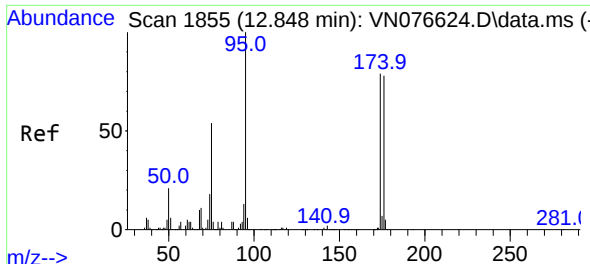
Tgt Ion: 43 Resp: 250201
Ion Ratio Lower Upper
43 100
61 17.7 20.0 30.0#
87 11.6 9.9 14.9



#50
Toluene-d8
Concen: 52.455 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.005 min
Lab File: VN076712.D
Acq: 16 Feb 2023 15:27

Tgt Ion: 98 Resp: 699643
Ion Ratio Lower Upper
98 100
100 65.3 52.9 79.3

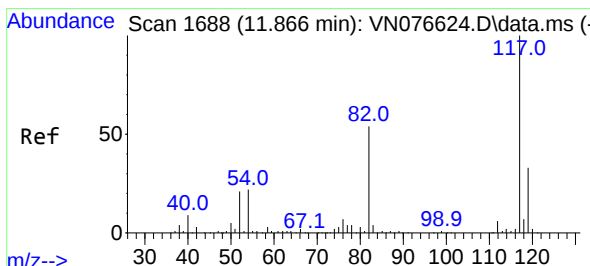
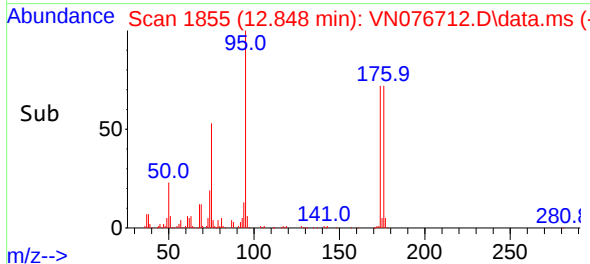
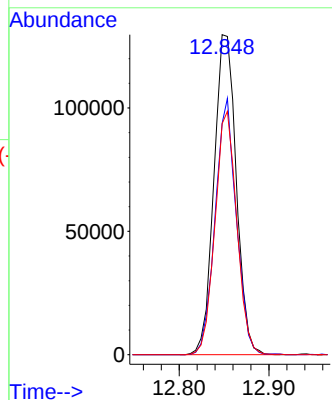
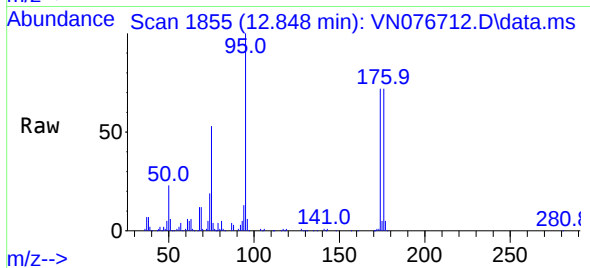




#62
4-Bromofluorobenzene
Concen: 50.697 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076712.D
Acq: 16 Feb 2023 15:27

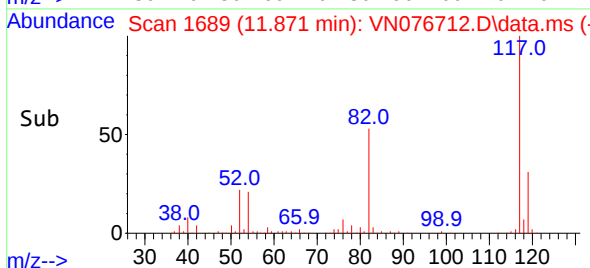
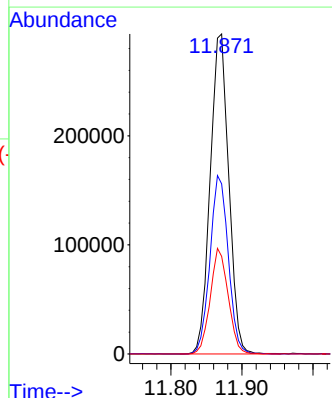
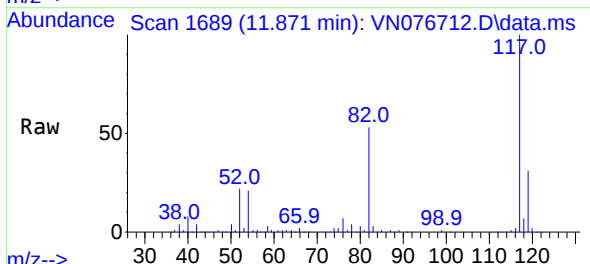
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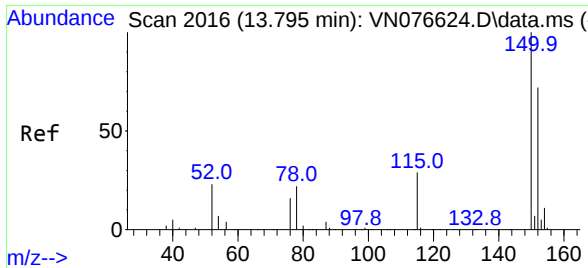
Tgt Ion: 95 Resp: 223958
Ion Ratio Lower Upper
95 100
174 75.9 0.0 169.2
176 74.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.005 min
Lab File: VN076712.D
Acq: 16 Feb 2023 15:27

Tgt Ion: 117 Resp: 532570
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.2
119 30.5 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN076712.D
 Acq: 16 Feb 2023 15:27

Instrument :
 MSVOA_N
 ClientSampleId :
 TCLP-1

Tgt Ion:152 Resp: 209091
 Ion Ratio Lower Upper
 152 100
 115 60.2 29.3 87.9
 150 154.6 0.0 349.8

