

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021623\
 Data File : VN076716.D
 Acq On : 16 Feb 2023 17:04
 Operator : JC\MD
 Sample : 01538-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TCLP-5

Quant Time: Feb 17 00:15:12 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)

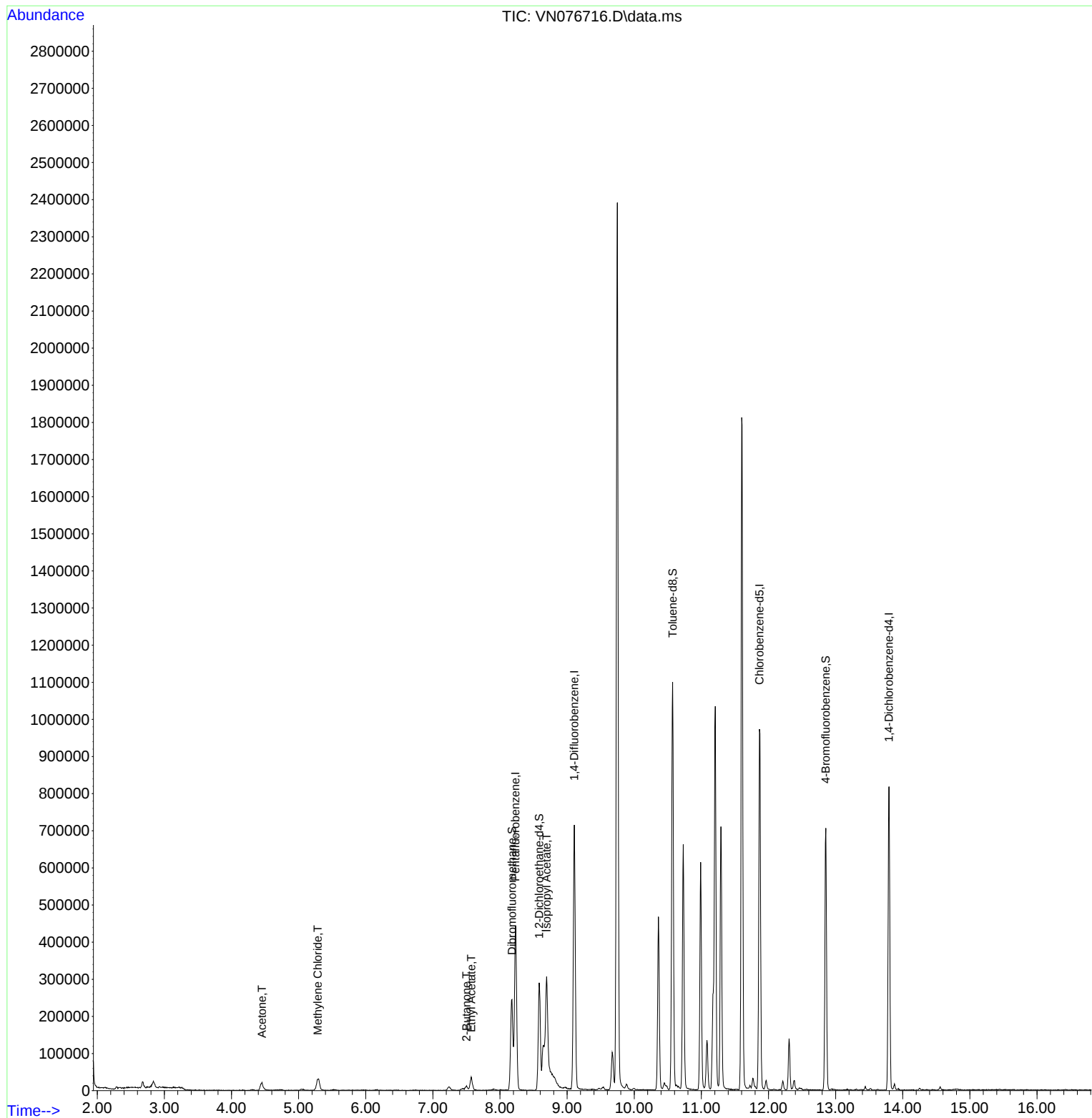
Internal Standards						
1) Pentafluorobenzene	8.231	168	318095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	590684	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	567141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	216705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	224856	51.192	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.380%
35) Dibromofluoromethane	8.178	113	173293	44.798	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.600%
50) Toluene-d8	10.572	98	747181	51.721	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.440%
62) 4-Bromofluorobenzene	12.854	95	234525	49.016	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.040%
Target Compounds						
						Qvalue
16) Acetone	4.454	43	38547	19.646	ug/l	97
20) Methylene Chloride	5.284	84	23694	5.762	ug/l #	82
25) 2-Butanone	7.501	43	16379	5.659	ug/l #	88
37) Ethyl Acetate	7.572	43	52853	8.988	ug/l	98
43) Isopropyl Acetate	8.695	43	554476	57.947	ug/l #	72

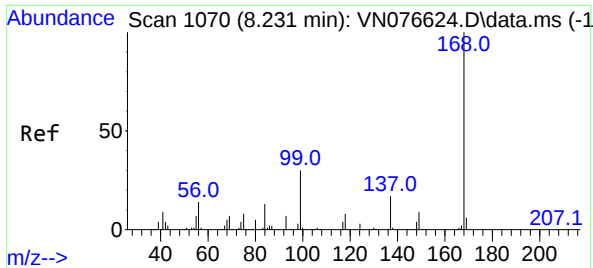
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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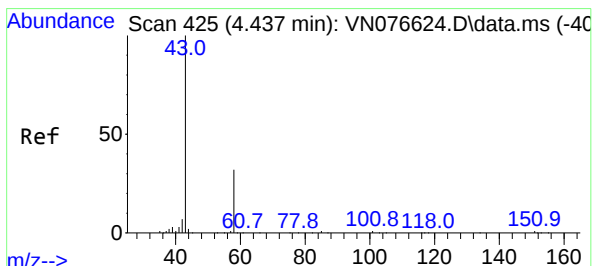
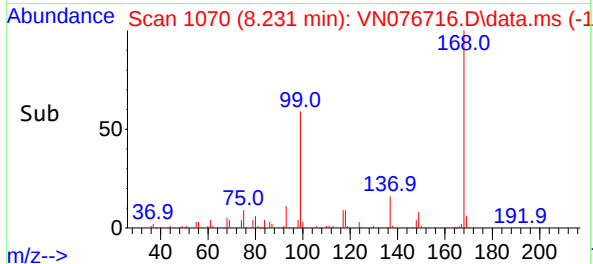
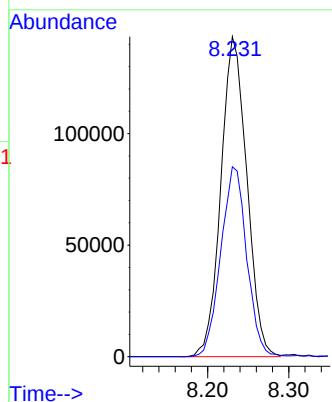
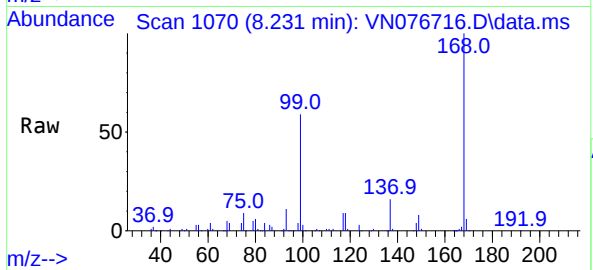




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076716.D
Acq: 16 Feb 2023 17:04

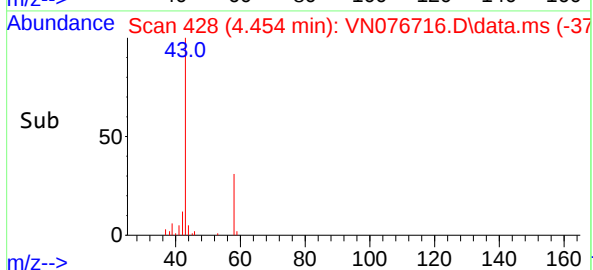
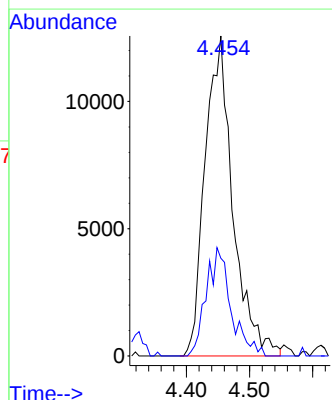
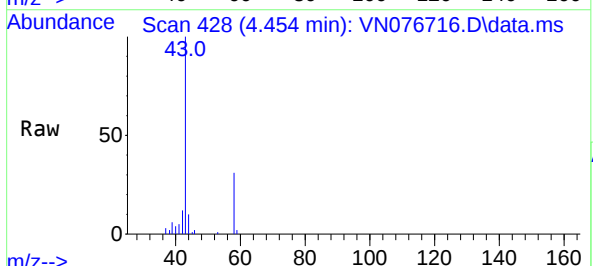
Instrument :
MSVOA_N
ClientSampleId :
TCLP-5

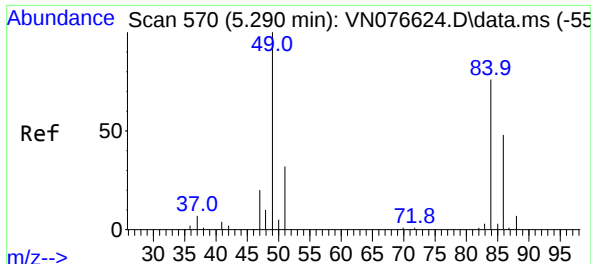
Tgt Ion:168 Resp: 318095
Ion Ratio Lower Upper
168 100
99 59.3 44.8 67.2



#16
Acetone
Concen: 19.646 ug/l
RT: 4.454 min Scan# 428
Delta R.T. 0.017 min
Lab File: VN076716.D
Acq: 16 Feb 2023 17:04

Tgt Ion: 43 Resp: 38547
Ion Ratio Lower Upper
43 100
58 30.5 25.9 38.9



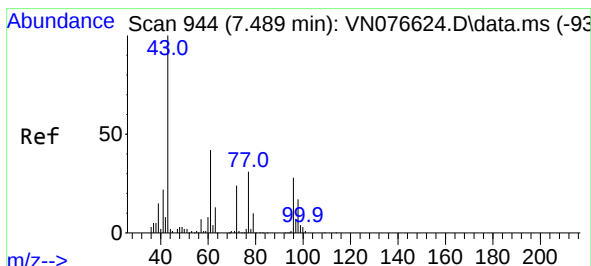
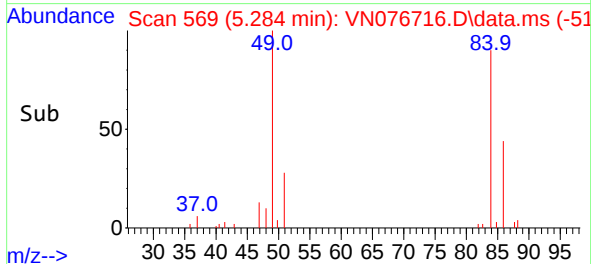
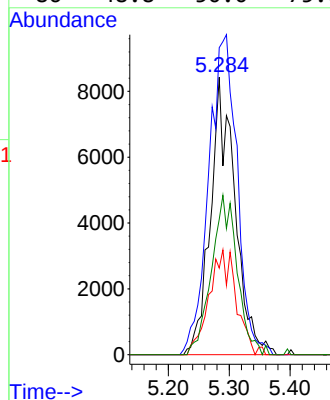
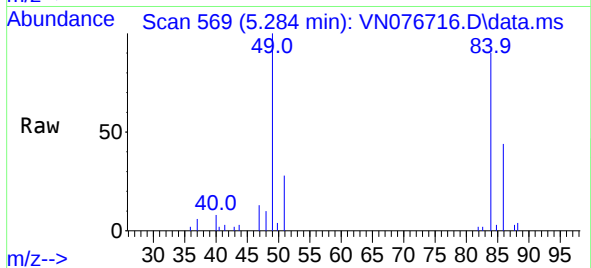


#20
Methylene Chloride
Concen: 5.762 ug/l
RT: 5.284 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN076716.D
Acq: 16 Feb 2023 17:04

Instrument :
MSVOA_N
ClientSampleId :
TCLP-5

Tgt Ion: 84 Resp: 23694

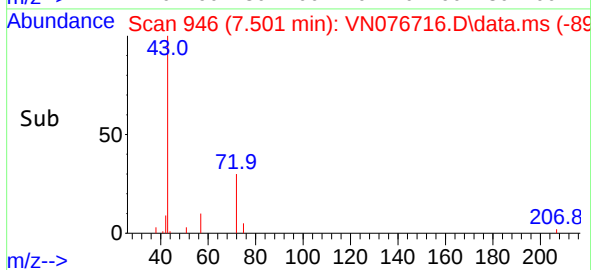
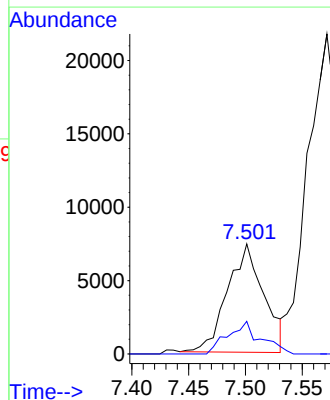
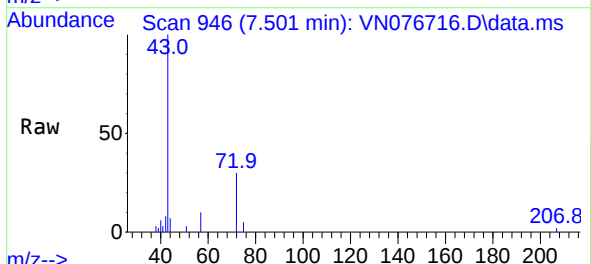
Ion	Ratio	Lower	Upper
84	100		
49	110.7	104.9	157.3
51	31.2	33.8	50.8#
86	48.8	50.0	75.0#

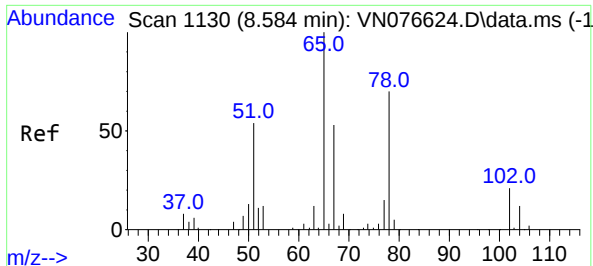


#25
2-Butanone
Concen: 5.659 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.012 min
Lab File: VN076716.D
Acq: 16 Feb 2023 17:04

Tgt Ion: 43 Resp: 16379

Ion	Ratio	Lower	Upper
43	100		
72	30.3	19.4	29.2#

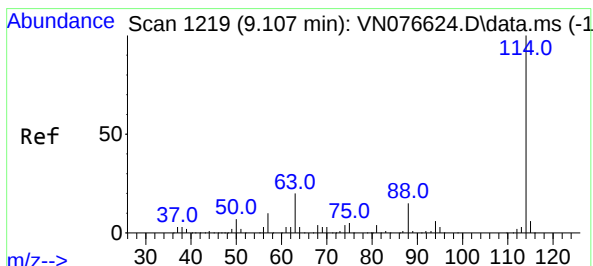
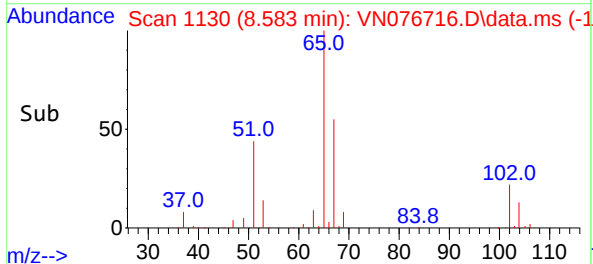
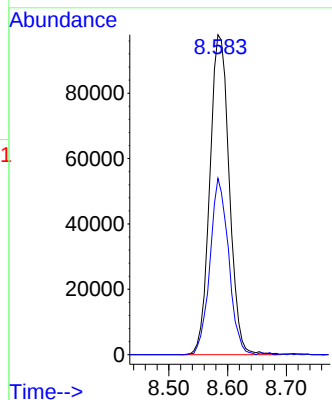
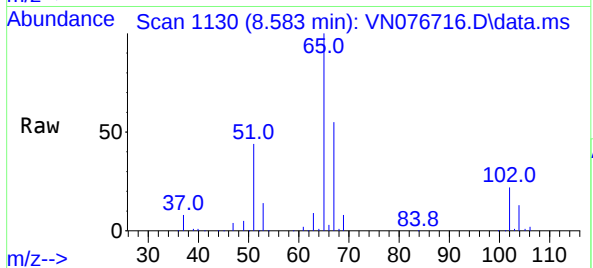




#33
1,2-Dichloroethane-d4
Concen: 51.192 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076716.D
Acq: 16 Feb 2023 17:04

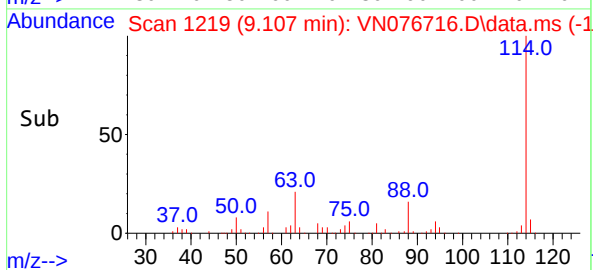
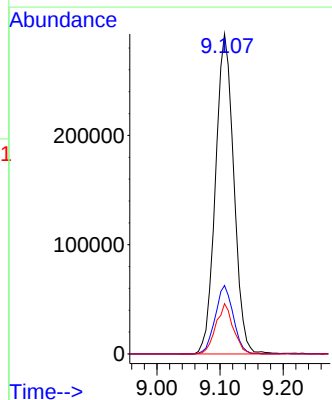
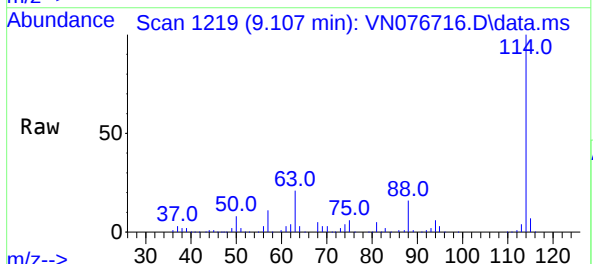
Instrument :
MSVOA_N
ClientSampleId :
TCLP-5

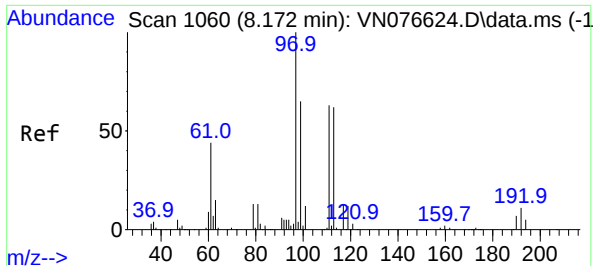
Tgt Ion: 65 Resp: 224856
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN076716.D
Acq: 16 Feb 2023 17:04

Tgt Ion: 114 Resp: 590684
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.0
88 15.7 0.0 29.6

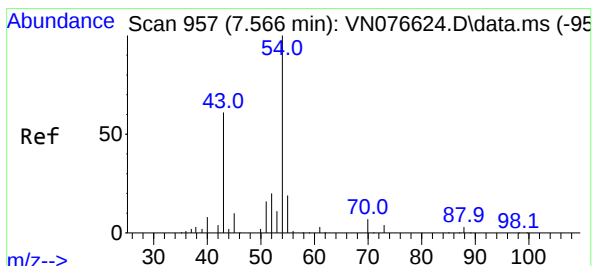
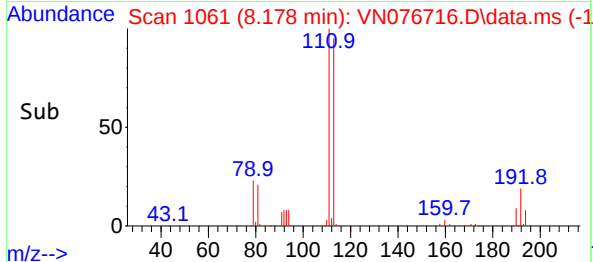
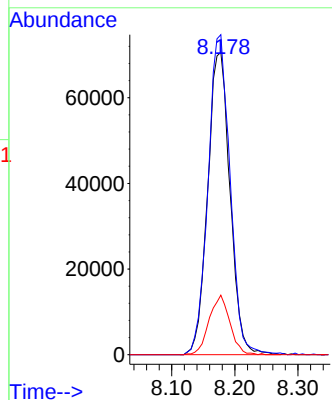
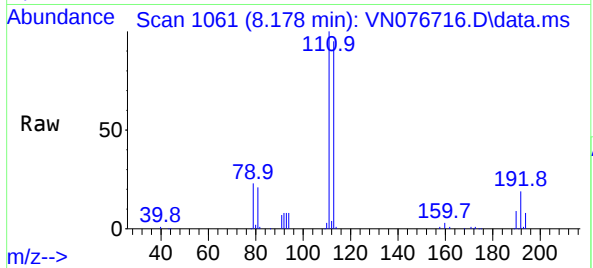




#35
Dibromofluoromethane
Concen: 44.798 ug/l
RT: 8.178 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN076716.D
Acq: 16 Feb 2023 17:04

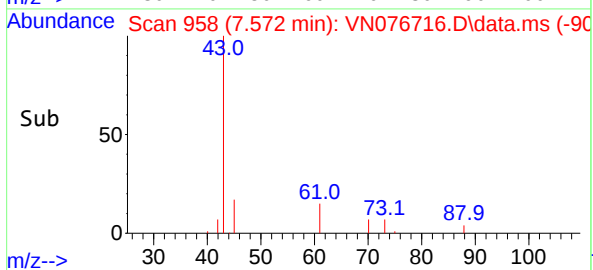
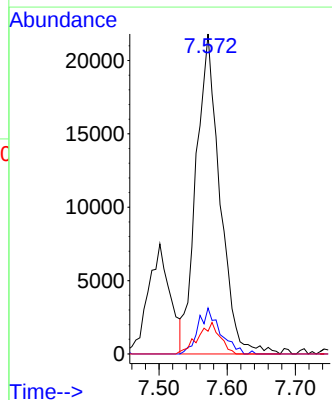
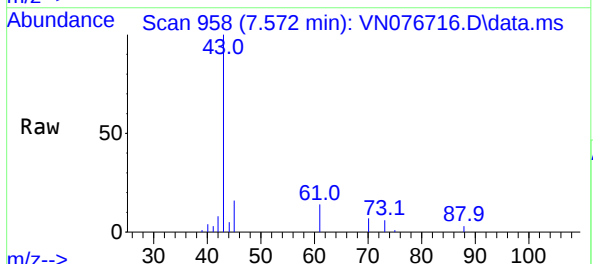
Instrument :
MSVOA_N
ClientSampleId :
TCLP-5

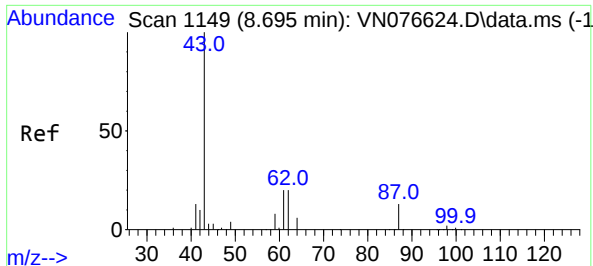
Tgt Ion:113 Resp: 173293
Ion Ratio Lower Upper
113 100
111 104.5 83.1 124.7
192 18.3 15.6 23.4



#37
Ethyl Acetate
Concen: 8.988 ug/l
RT: 7.572 min Scan# 958
Delta R.T. 0.006 min
Lab File: VN076716.D
Acq: 16 Feb 2023 17:04

Tgt Ion: 43 Resp: 52853
Ion Ratio Lower Upper
43 100
61 13.2 9.9 14.9
70 9.0 7.8 11.6

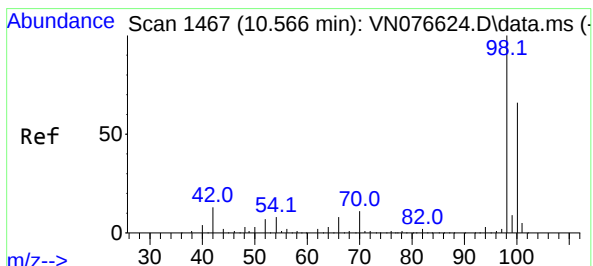
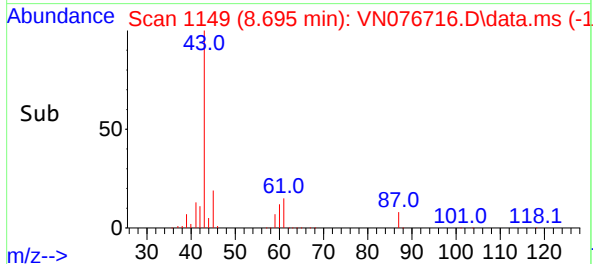
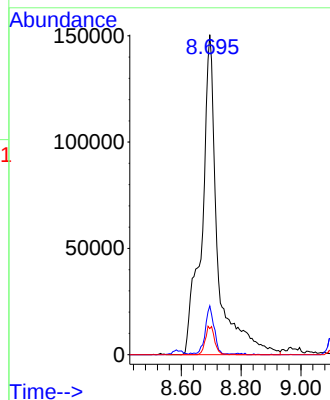
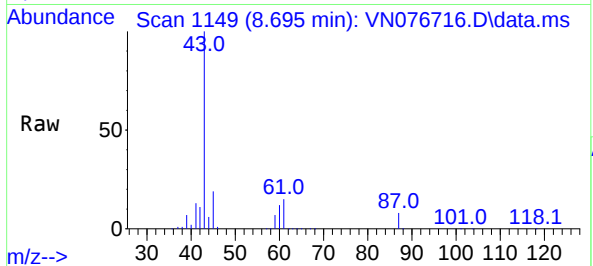




#43
Isopropyl Acetate
Concen: 57.947 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076716.D
Acq: 16 Feb 2023 17:04

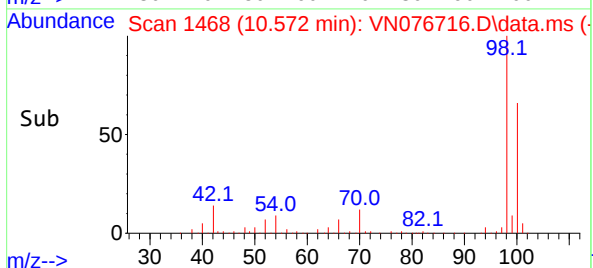
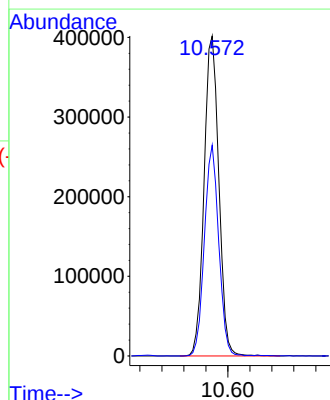
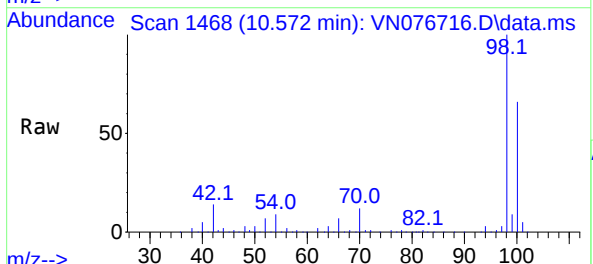
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TCLP-5

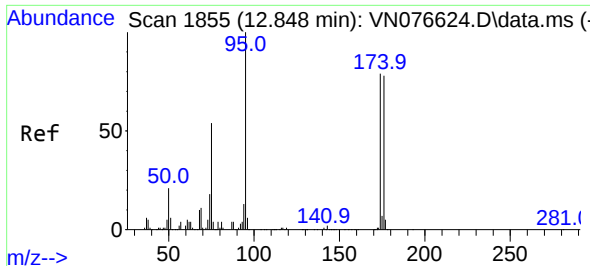
Tgt Ion: 43 Resp: 554476
Ion Ratio Lower Upper
43 100
61 8.4 20.0 30.0#
87 5.1 9.9 14.9#



#50
Toluene-d8
Concen: 51.721 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076716.D
Acq: 16 Feb 2023 17:04

Tgt Ion: 98 Resp: 747181
Ion Ratio Lower Upper
98 100
100 64.1 52.9 79.3

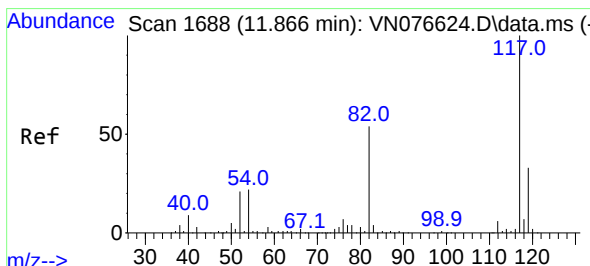
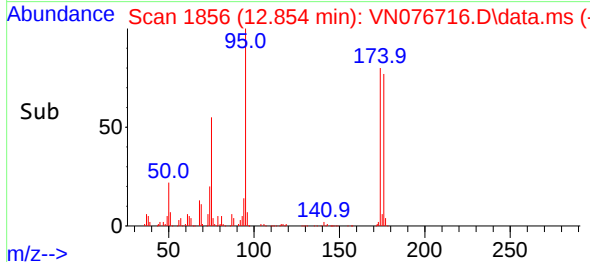
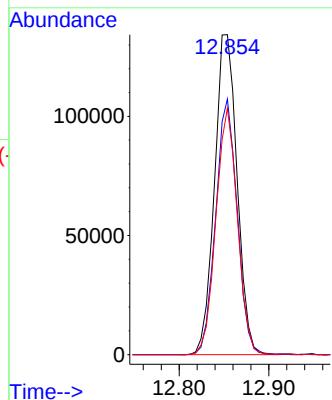
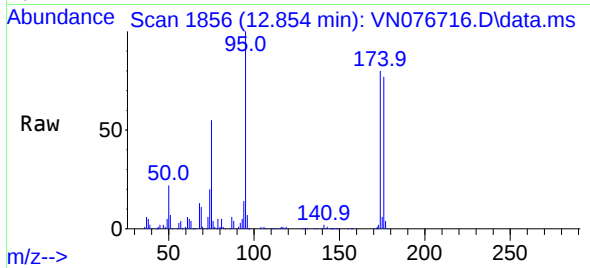




#62
4-Bromofluorobenzene
Concen: 49.016 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN076716.D
Acq: 16 Feb 2023 17:04

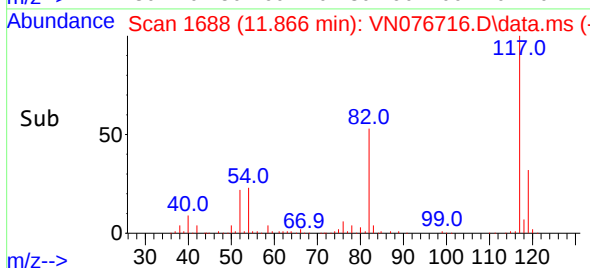
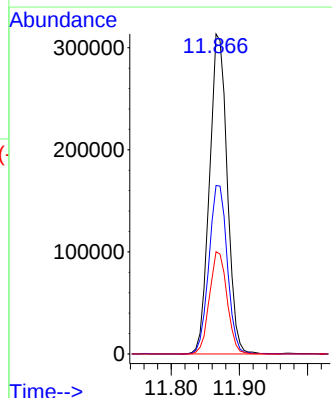
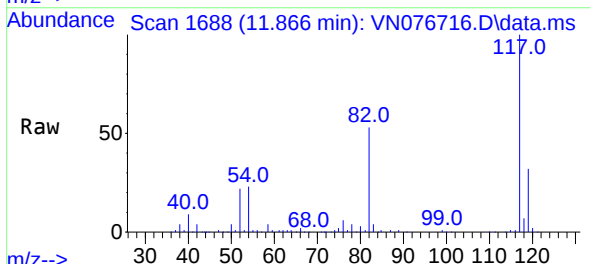
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TCLP-5

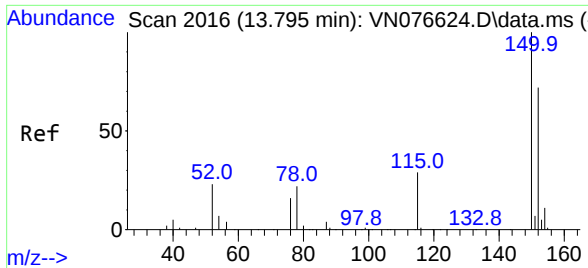
Tgt Ion: 95 Resp: 234525
Ion Ratio Lower Upper
95 100
174 76.2 0.0 169.2
176 73.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076716.D
Acq: 16 Feb 2023 17:04

Tgt Ion: 117 Resp: 567141
Ion Ratio Lower Upper
117 100
82 52.7 43.4 65.2
119 31.9 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: VN076716.D
 Acq: 16 Feb 2023 17:04

Instrument :
 MSVOA_N
 ClientSampleId :
 TCLP-5

Tgt Ion:152 Resp: 216705
 Ion Ratio Lower Upper
 152 100
 115 59.0 29.3 87.9
 150 154.4 0.0 349.8

