

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021623\
 Data File : VN076719.D
 Acq On : 16 Feb 2023 18:16
 Operator : JC\MD
 Sample : 01539-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TCLP-8

Quant Time: Feb 17 00:16:45 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)

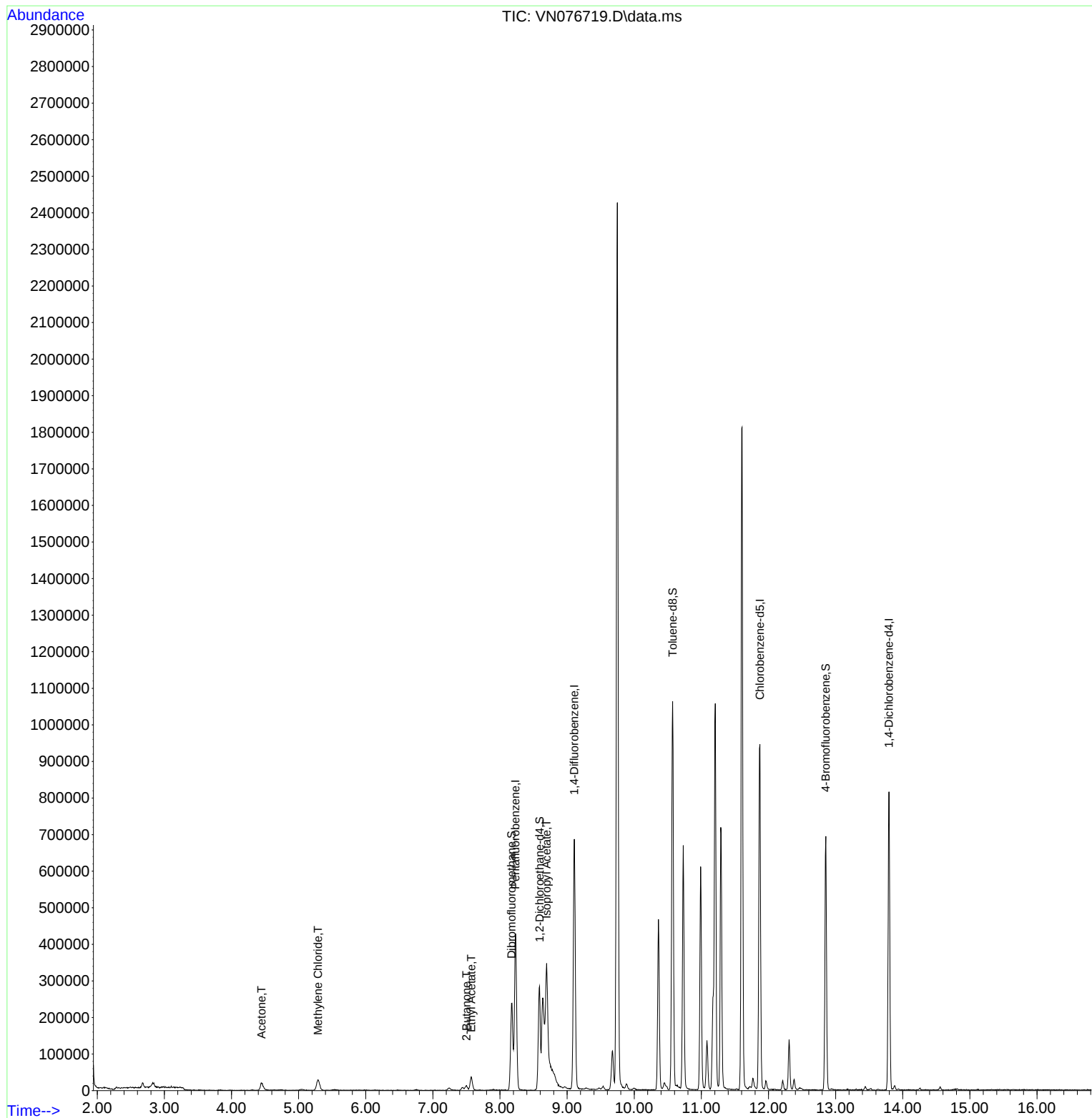
Internal Standards						
1) Pentafluorobenzene	8.231	168	303488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	570029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	545761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	207813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	216848	51.745	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.480%	
35) Dibromofluoromethane	8.172	113	165589	44.358	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 88.720%	
50) Toluene-d8	10.572	98	720447	51.678	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.360%	
62) 4-Bromofluorobenzene	12.854	95	221215	47.909	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.820%	
Target Compounds						
					Qvalue	
16) Acetone	4.449	43	39188	20.934	ug/l	97
20) Methylene Chloride	5.290	84	20627	5.258	ug/l	89
25) 2-Butanone	7.501	43	18431	6.675	ug/l	96
37) Ethyl Acetate	7.572	43	56020	9.872	ug/l	99
43) Isopropyl Acetate	8.695	43	498154	53.947	ug/l #	75

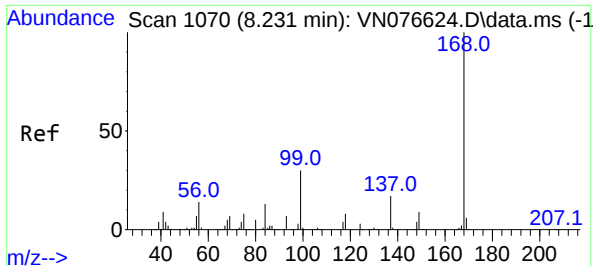
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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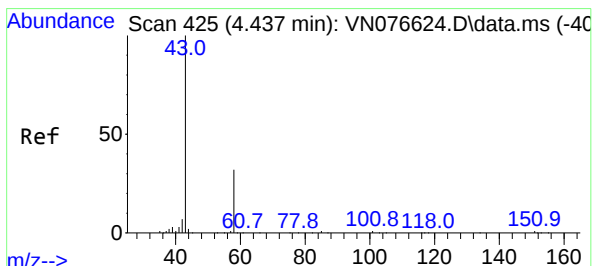
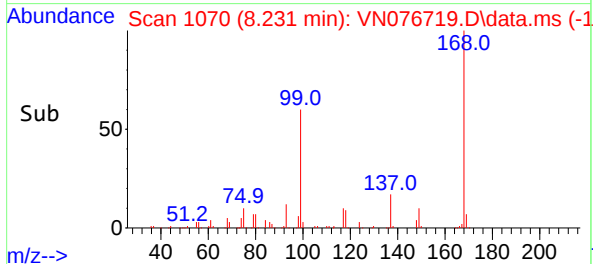
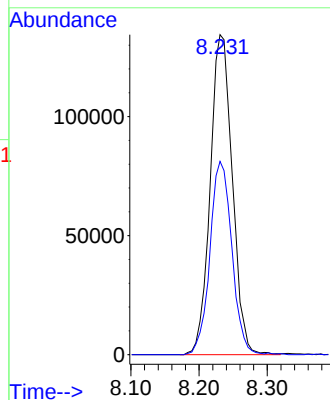
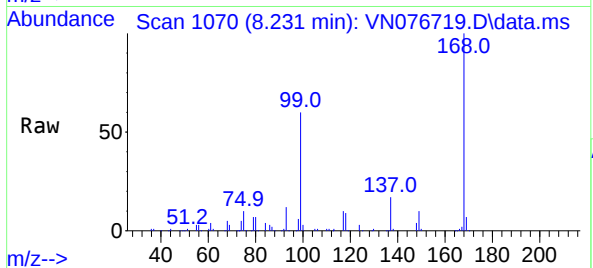




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076719.D
Acq: 16 Feb 2023 18:16

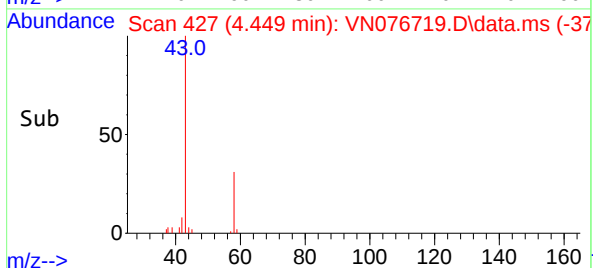
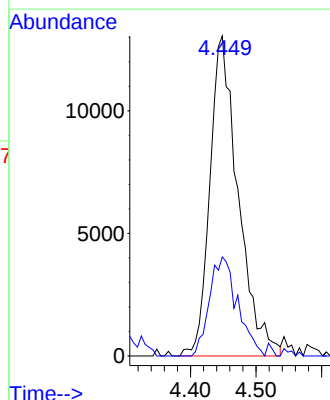
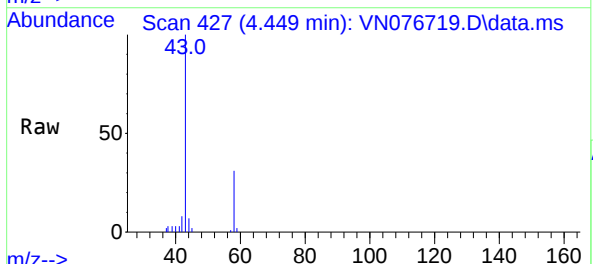
Instrument :
MSVOA_N
ClientSampleId :
TCLP-8

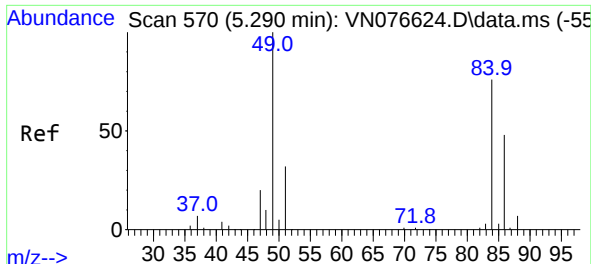
Tgt Ion:168 Resp: 303488
Ion Ratio Lower Upper
168 100
99 60.4 44.8 67.2



#16
Acetone
Concen: 20.934 ug/l
RT: 4.449 min Scan# 427
Delta R.T. 0.012 min
Lab File: VN076719.D
Acq: 16 Feb 2023 18:16

Tgt Ion: 43 Resp: 39188
Ion Ratio Lower Upper
43 100
58 31.0 25.9 38.9



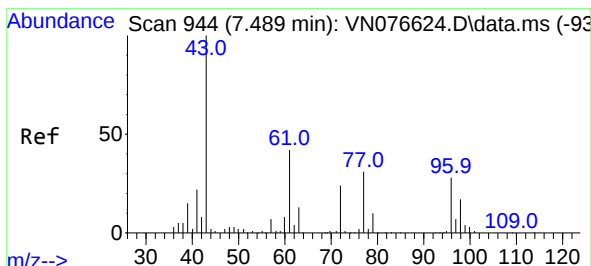
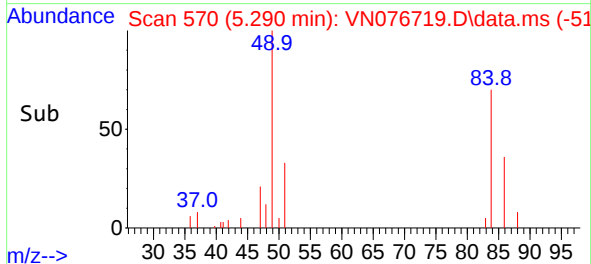
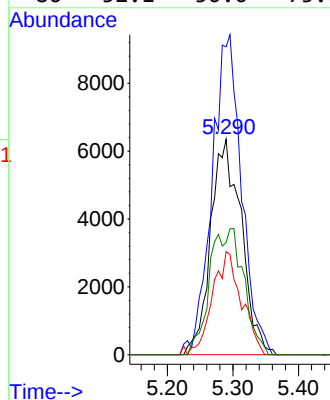
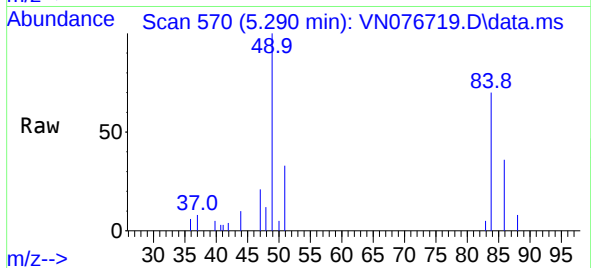


#20
Methylene Chloride
Concen: 5.258 ug/l
RT: 5.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN076719.D
Acq: 16 Feb 2023 18:16

Instrument :
MSVOA_N
ClientSampleId :
TCLP-8

Tgt Ion: 84 Resp: 20627

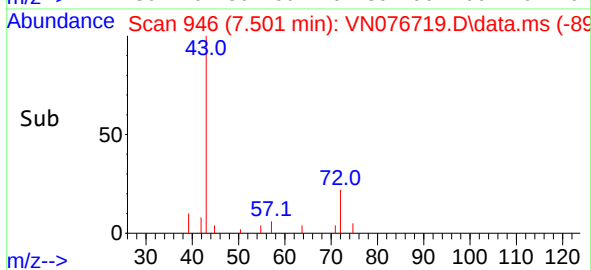
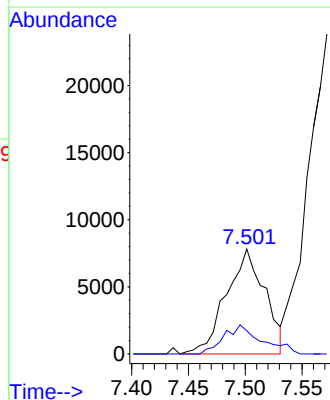
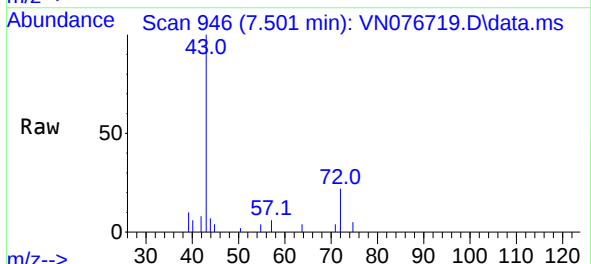
Ion	Ratio	Lower	Upper
84	100		
49	142.9	104.9	157.3
51	47.8	33.8	50.8
86	52.1	50.0	75.0

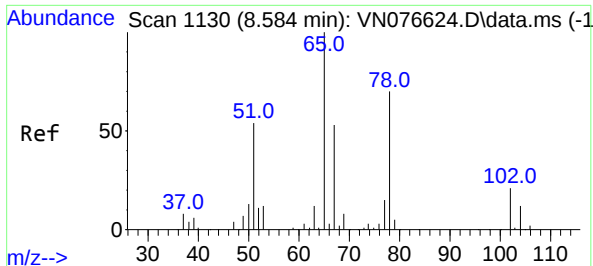


#25
2-Butanone
Concen: 6.675 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.012 min
Lab File: VN076719.D
Acq: 16 Feb 2023 18:16

Tgt Ion: 43 Resp: 18431

Ion	Ratio	Lower	Upper
43	100		
72	22.1	19.4	29.2

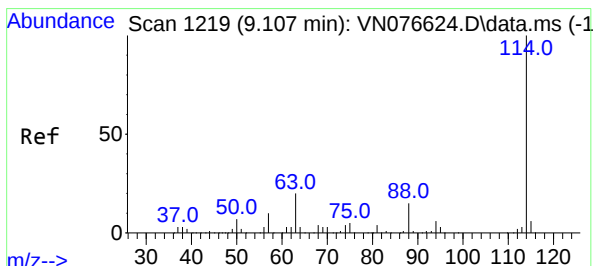
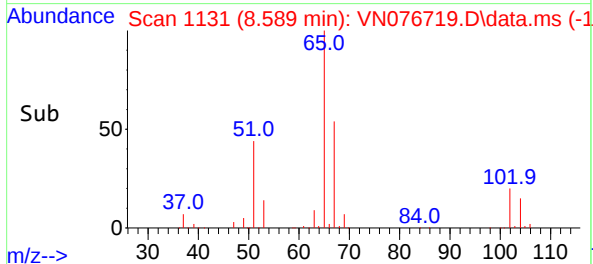
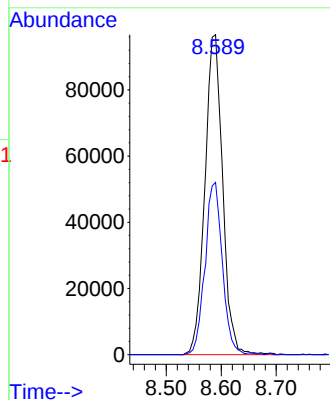
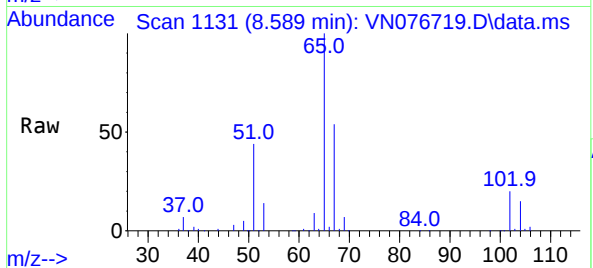




#33
1,2-Dichloroethane-d4
Concen: 51.745 ug/l
RT: 8.589 min Scan# 1130
Delta R.T. 0.005 min
Lab File: VN076719.D
Acq: 16 Feb 2023 18:16

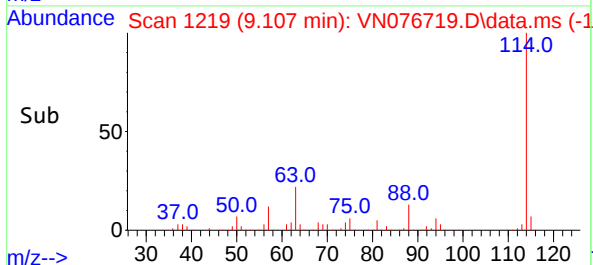
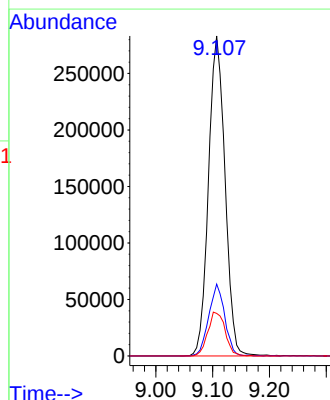
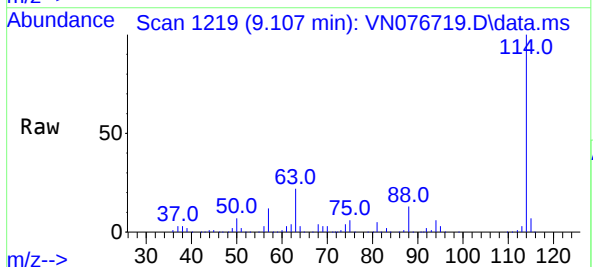
Instrument :
MSVOA_N
ClientSampleId :
TCLP-8

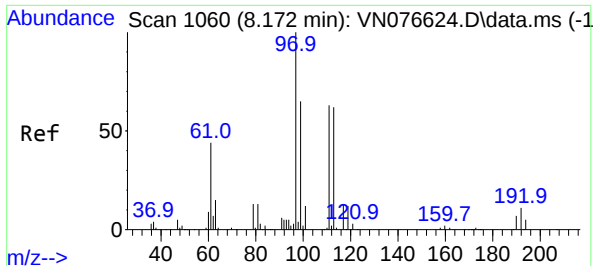
Tgt Ion: 65 Resp: 216848
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN076719.D
Acq: 16 Feb 2023 18:16

Tgt Ion: 114 Resp: 570029
Ion Ratio Lower Upper
114 100
63 22.4 0.0 40.0
88 13.3 0.0 29.6

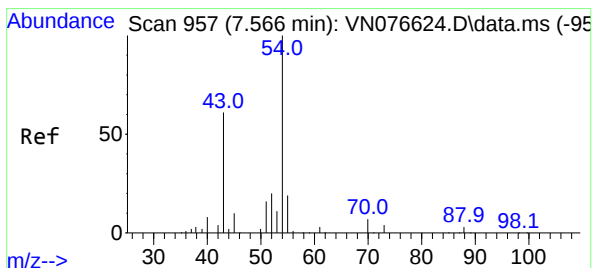
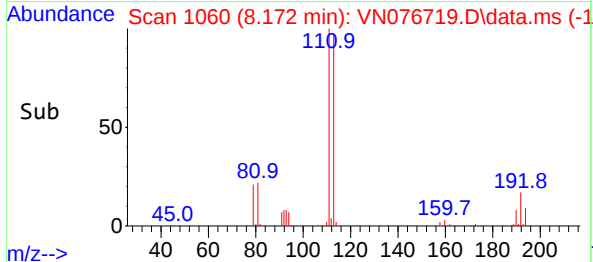
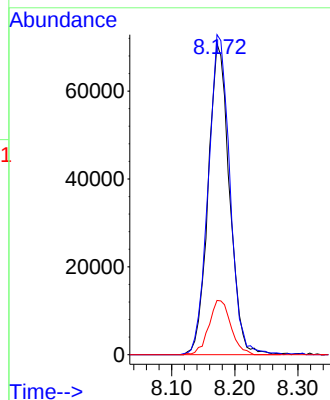
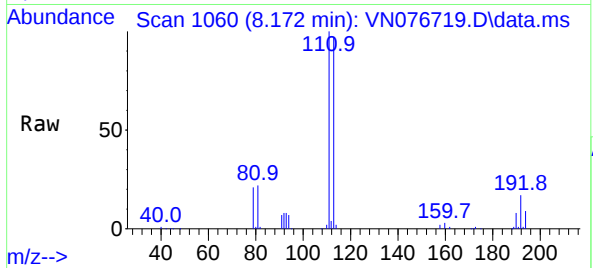




#35
Dibromofluoromethane
Concen: 44.358 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076719.D
Acq: 16 Feb 2023 18:16

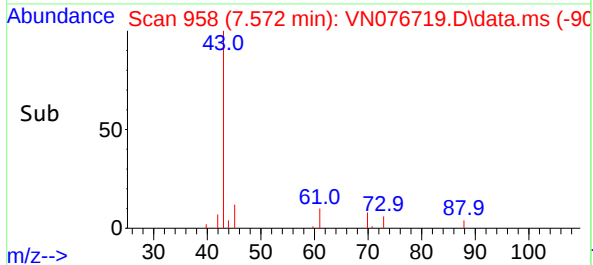
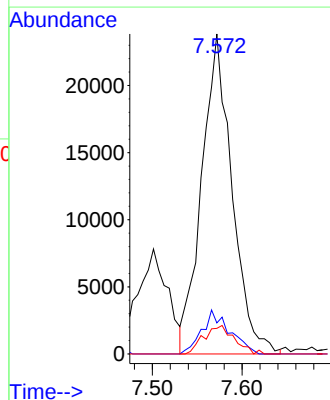
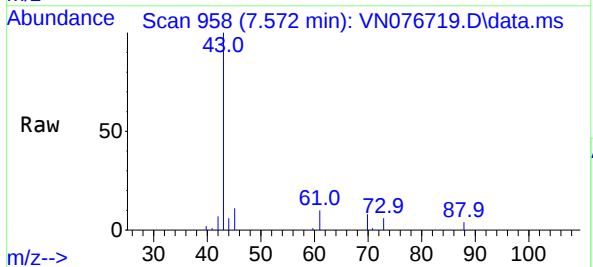
Instrument :
MSVOA_N
ClientSampleId :
TCLP-8

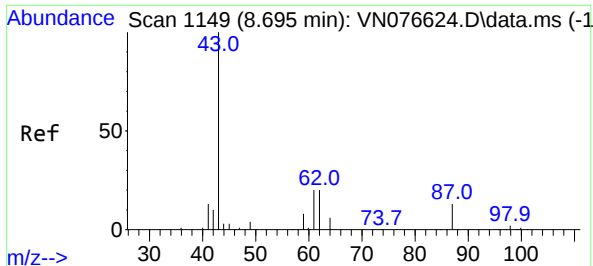
Tgt Ion:113 Resp: 165589
Ion Ratio Lower Upper
113 100
111 104.6 83.1 124.7
192 18.1 15.6 23.4



#37
Ethyl Acetate
Concen: 9.872 ug/l
RT: 7.572 min Scan# 958
Delta R.T. 0.006 min
Lab File: VN076719.D
Acq: 16 Feb 2023 18:16

Tgt Ion: 43 Resp: 56020
Ion Ratio Lower Upper
43 100
61 12.6 9.9 14.9
70 9.0 7.8 11.6

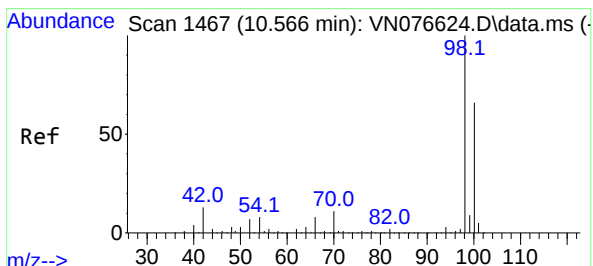
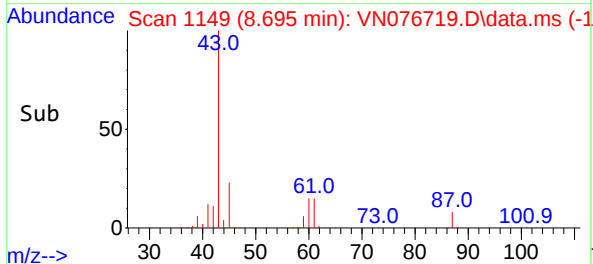
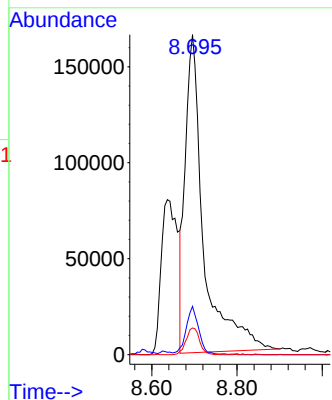
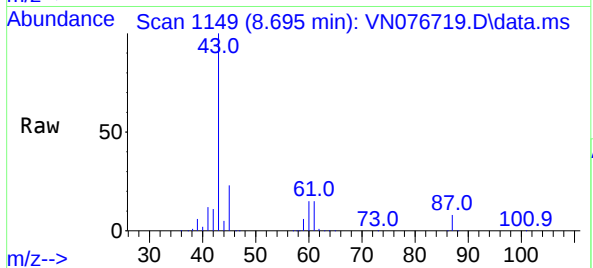




#43
Isopropyl Acetate
Concen: 53.947 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076719.D
Acq: 16 Feb 2023 18:16

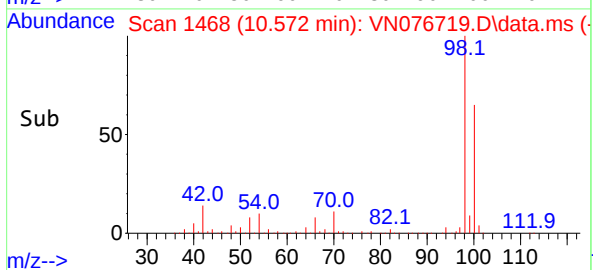
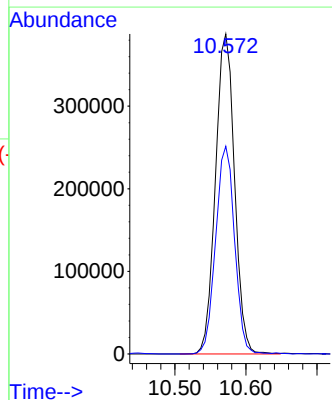
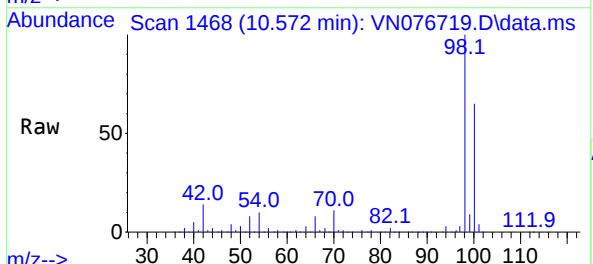
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ClientSampleId :
TCLP-8

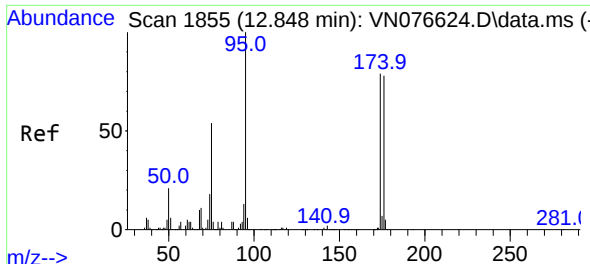
Tgt Ion: 43 Resp: 498154
Ion Ratio Lower Upper
43 100
61 10.1 20.0 30.0#
87 6.1 9.9 14.9#



#50
Toluene-d8
Concen: 51.678 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076719.D
Acq: 16 Feb 2023 18:16

Tgt Ion: 98 Resp: 720447
Ion Ratio Lower Upper
98 100
100 64.5 52.9 79.3

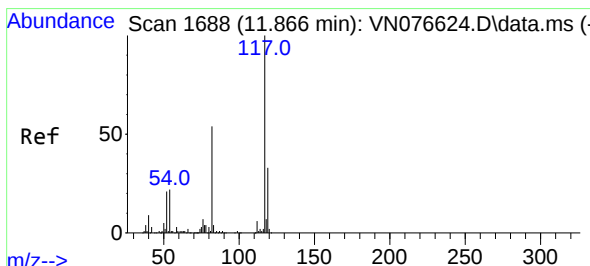
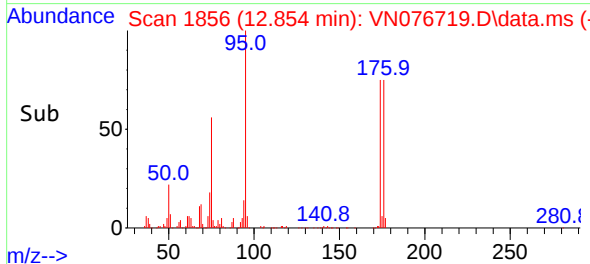
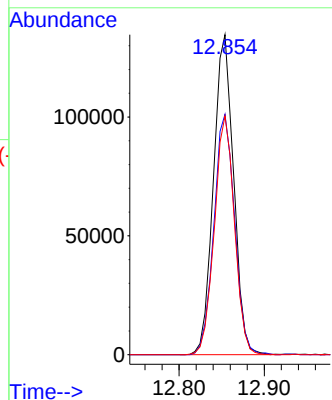
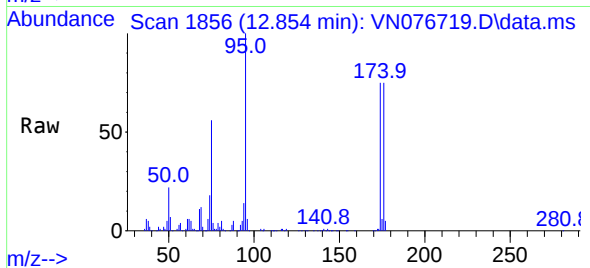




#62
4-Bromofluorobenzene
Concen: 47.909 ug/l
RT: 12.854 min Scan# 1185
Delta R.T. 0.006 min
Lab File: VN076719.D
Acq: 16 Feb 2023 18:16

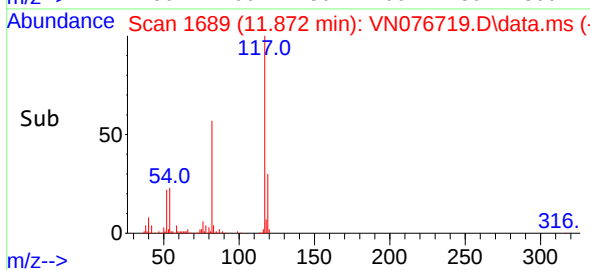
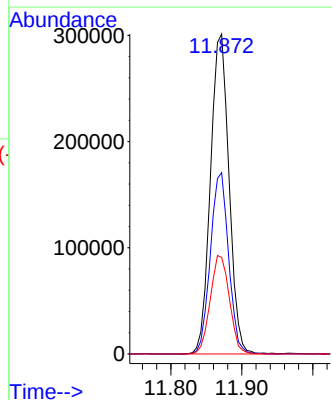
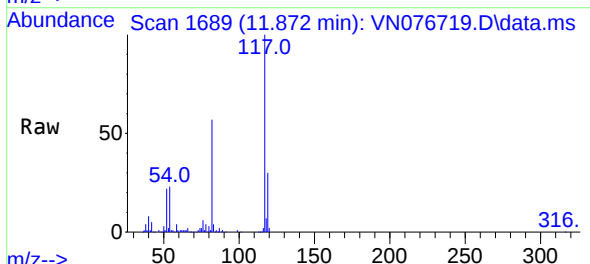
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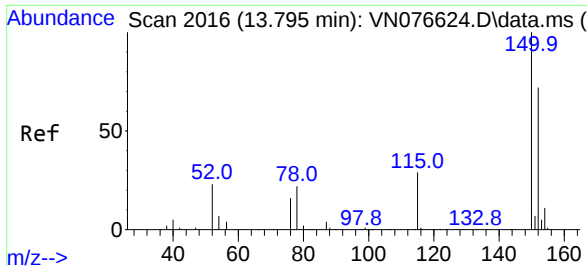
Tgt Ion: 95 Resp: 221215
Ion Ratio Lower Upper
95 100
174 77.5 0.0 169.2
176 74.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076719.D
Acq: 16 Feb 2023 18:16

Tgt Ion: 117 Resp: 545761
Ion Ratio Lower Upper
117 100
82 56.6 43.4 65.2
119 30.2 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: VN076719.D
Acq: 16 Feb 2023 18:16

Instrument :
MSVOA_N
ClientSampleId :
TCLP-8

Tgt Ion:152 Resp: 207813
Ion Ratio Lower Upper
152 100
115 59.3 29.3 87.9
150 157.2 0.0 349.8

