

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021623\
 Data File : VN076713.D
 Acq On : 16 Feb 2023 15:51
 Operator : JC\MD
 Sample : 01537-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TCLP-2

Quant Time: Feb 17 00:13:25 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)

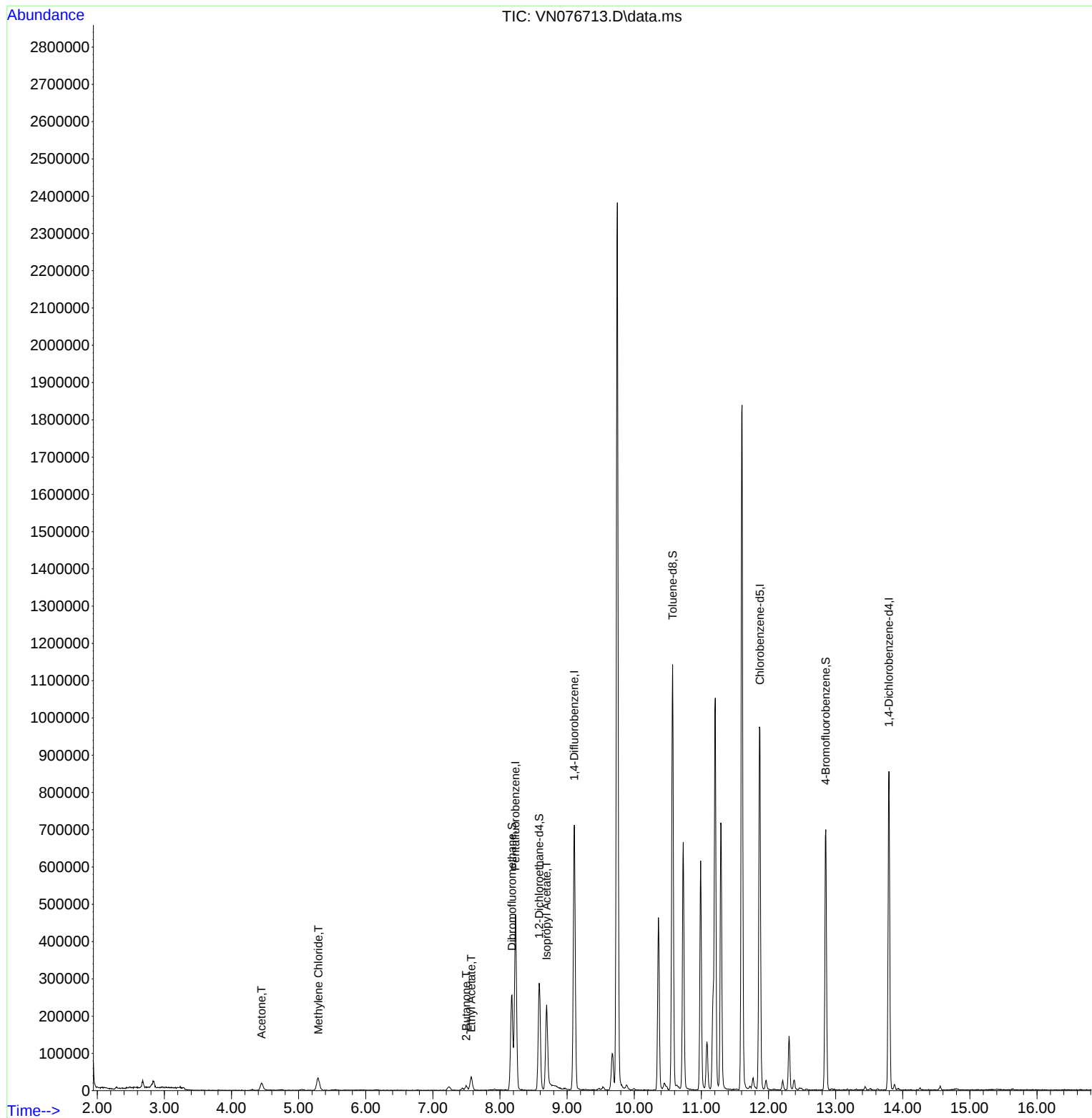
Internal Standards						
1) Pentafluorobenzene	8.231	168	325326	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	590370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	565712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	218600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	231120	51.448	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.900%	
35) Dibromofluoromethane	8.178	113	180863	46.780	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.560%	
50) Toluene-d8	10.572	98	751066	52.018	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.040%	
62) 4-Bromofluorobenzene	12.854	95	237376	49.638	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.280%	
Target Compounds						
						Qvalue
16) Acetone	4.449	43	37207	18.542	ug/l	97
20) Methylene Chloride	5.296	84	23757	5.649	ug/l #	82
25) 2-Butanone	7.495	43	16417	5.546	ug/l	93
37) Ethyl Acetate	7.572	43	53430	9.091	ug/l	97
43) Isopropyl Acetate	8.695	43	275859	28.845	ug/l #	85

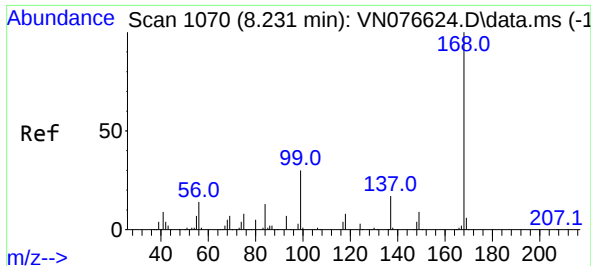
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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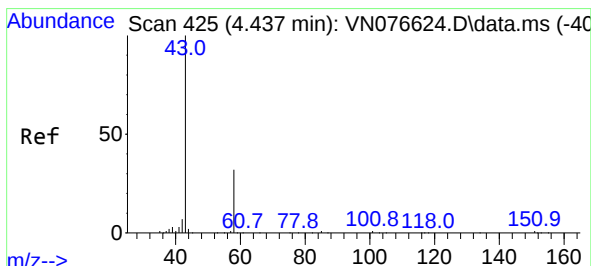
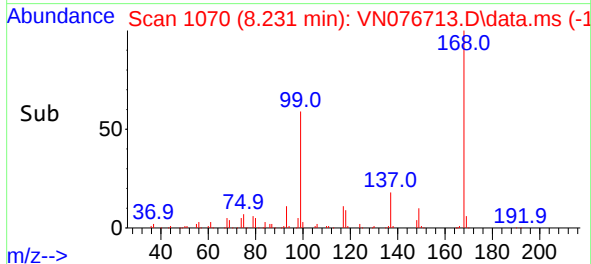
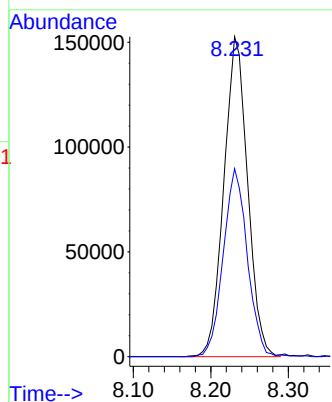
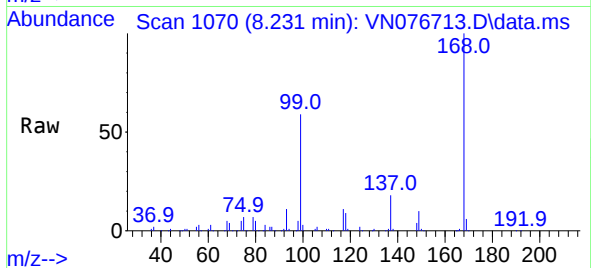




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076713.D
Acq: 16 Feb 2023 15:51

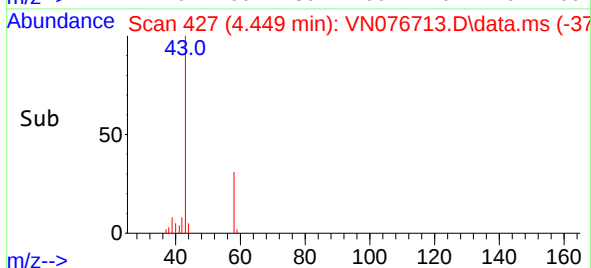
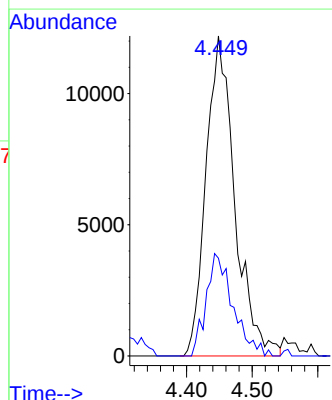
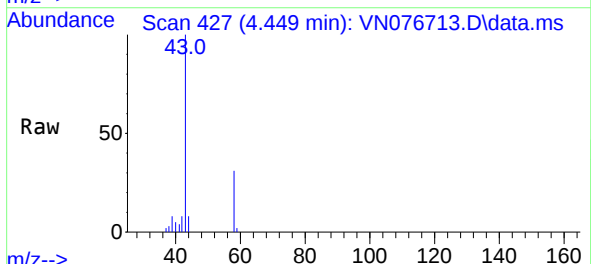
Instrument :
MSVOA_N
ClientSampleId :
TCLP-2

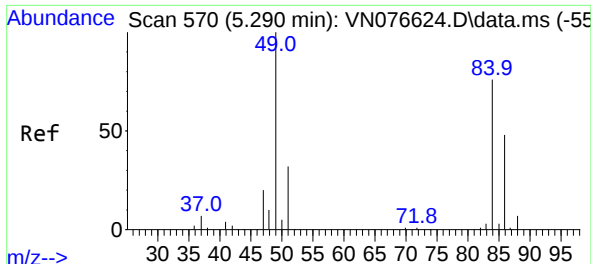
Tgt Ion:168 Resp: 325326
Ion Ratio Lower Upper
168 100
99 58.8 44.8 67.2



#16
Acetone
Concen: 18.542 ug/l
RT: 4.449 min Scan# 427
Delta R.T. 0.012 min
Lab File: VN076713.D
Acq: 16 Feb 2023 15:51

Tgt Ion: 43 Resp: 37207
Ion Ratio Lower Upper
43 100
58 30.6 25.9 38.9



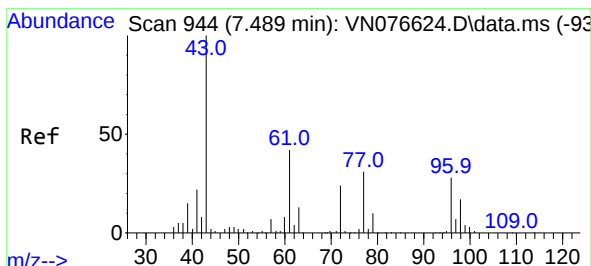
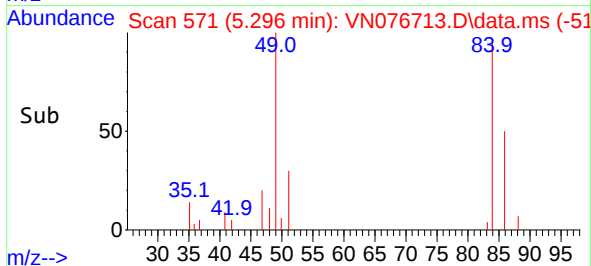
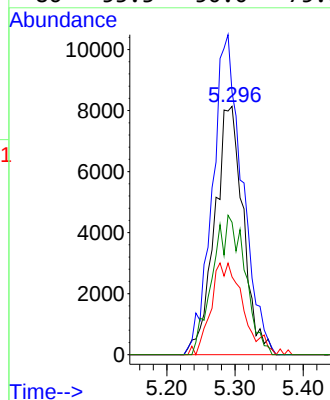
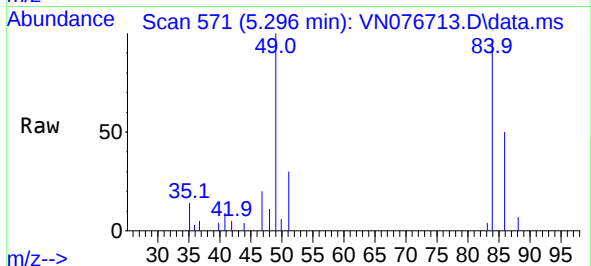


#20
Methylene Chloride
Concen: 5.649 ug/l
RT: 5.296 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076713.D
Acq: 16 Feb 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
TCLP-2

Tgt Ion: 84 Resp: 23757

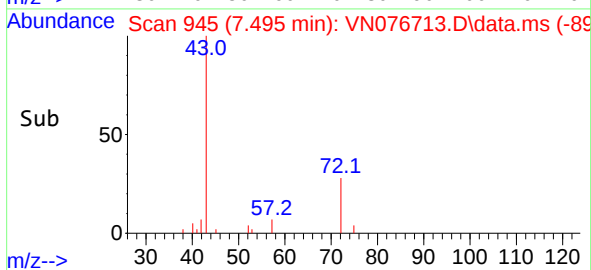
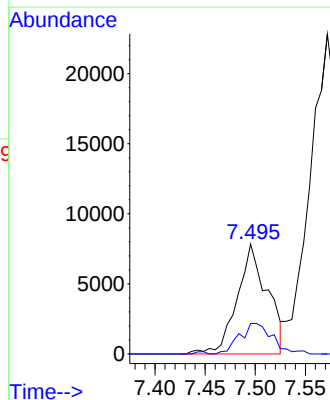
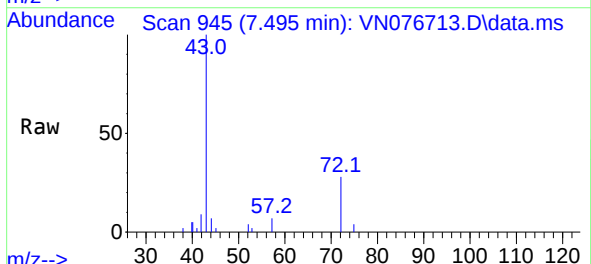
Ion	Ratio	Lower	Upper
84	100		
49	105.7	104.9	157.3
51	31.3	33.8	50.8#
86	53.3	50.0	75.0

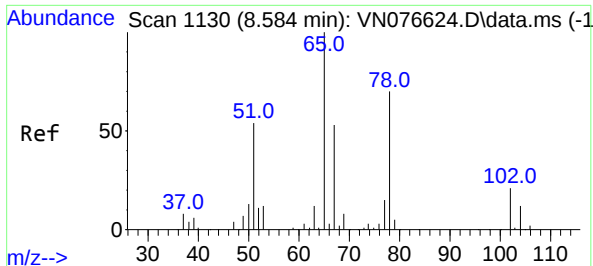


#25
2-Butanone
Concen: 5.546 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076713.D
Acq: 16 Feb 2023 15:51

Tgt Ion: 43 Resp: 16417

Ion	Ratio	Lower	Upper
43	100		
72	27.7	19.4	29.2

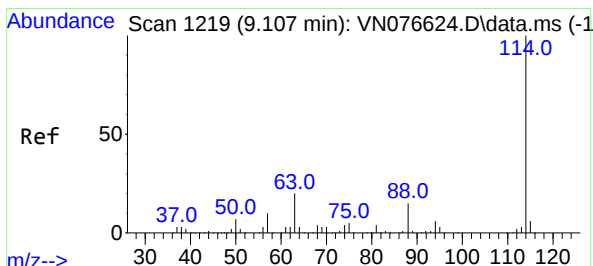
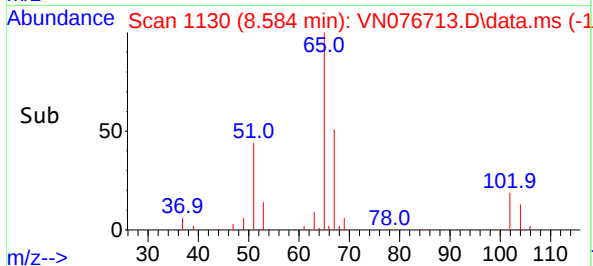
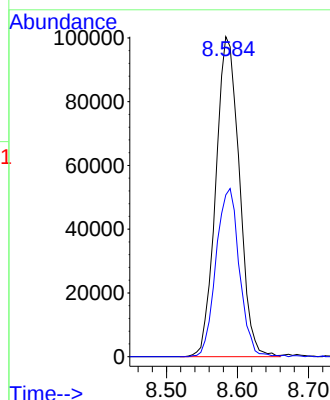
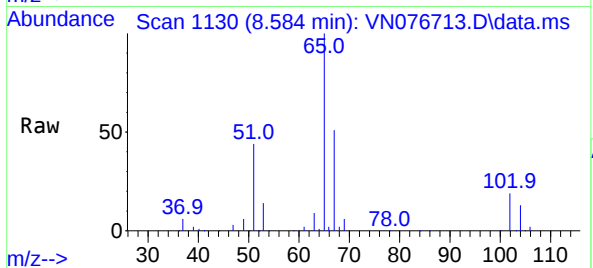




#33
1,2-Dichloroethane-d4
Concen: 51.448 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076713.D
Acq: 16 Feb 2023 15:51

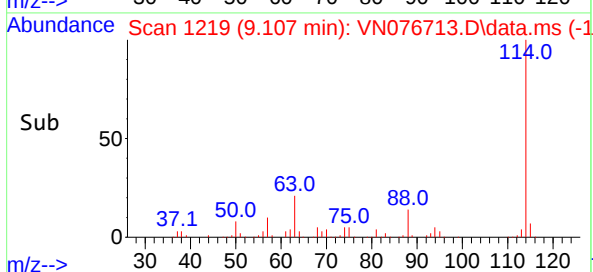
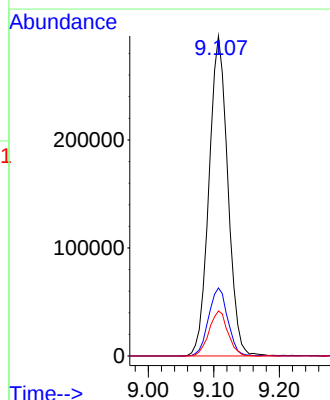
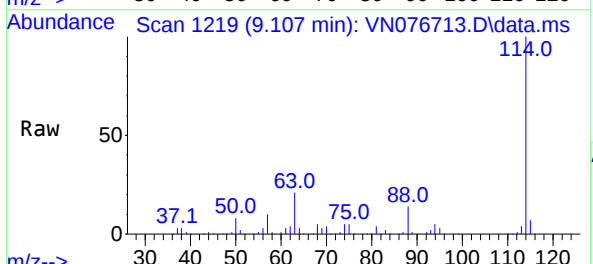
Instrument :
MSVOA_N
ClientSampleId :
TCLP-2

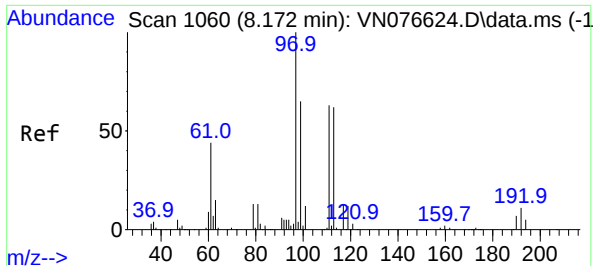
Tgt Ion: 65 Resp: 231120
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN076713.D
Acq: 16 Feb 2023 15:51

Tgt Ion: 114 Resp: 590370
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.0
88 14.1 0.0 29.6

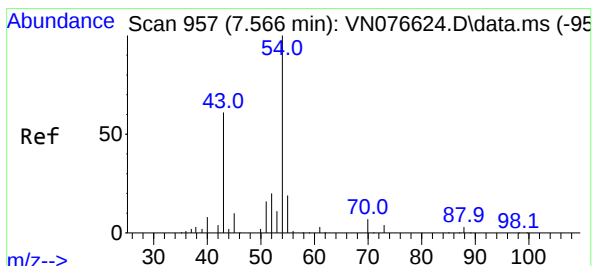
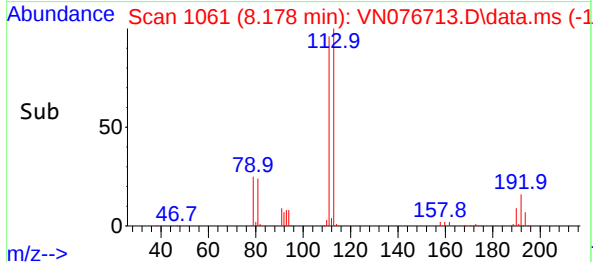
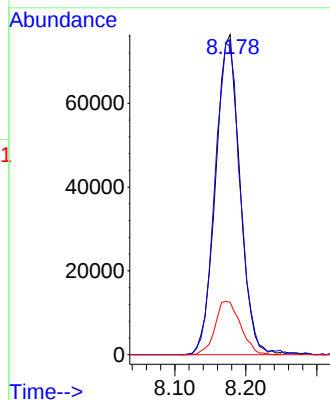
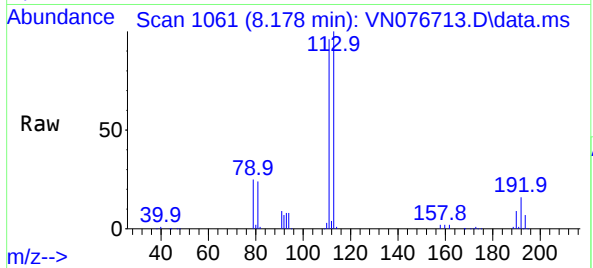




#35
Dibromofluoromethane
Concen: 46.780 ug/l
RT: 8.178 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN076713.D
Acq: 16 Feb 2023 15:51

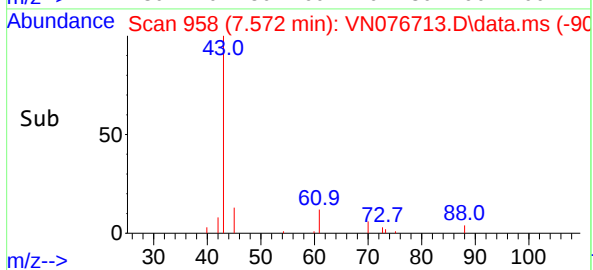
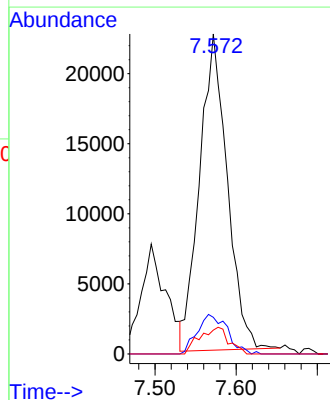
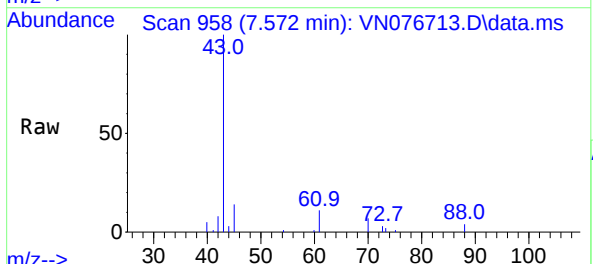
Instrument :
MSVOA_N
ClientSampleId :
TCLP-2

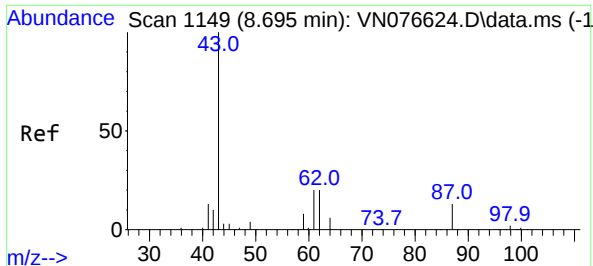
Tgt Ion:113 Resp: 180863
Ion Ratio Lower Upper
113 100
111 101.1 83.1 124.7
192 17.5 15.6 23.4



#37
Ethyl Acetate
Concen: 9.091 ug/l
RT: 7.572 min Scan# 958
Delta R.T. 0.006 min
Lab File: VN076713.D
Acq: 16 Feb 2023 15:51

Tgt Ion: 43 Resp: 53430
Ion Ratio Lower Upper
43 100
61 13.6 9.9 14.9
70 8.8 7.8 11.6

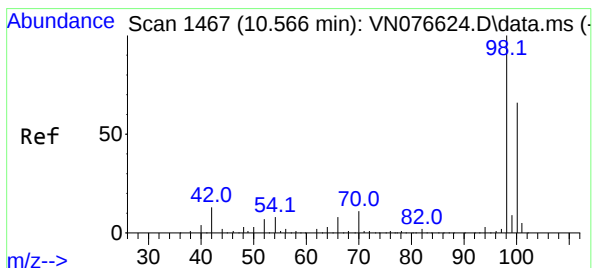
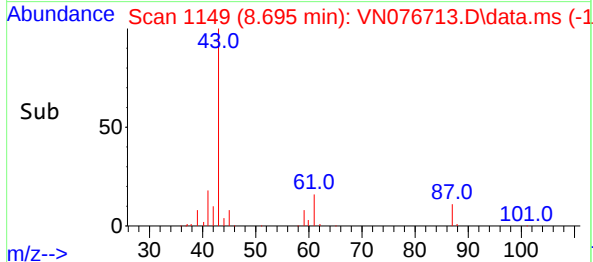
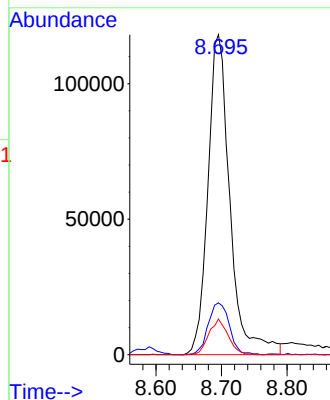
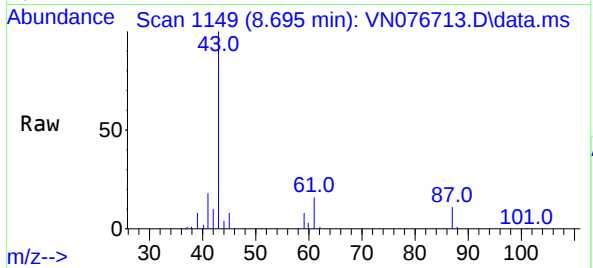




#43
Isopropyl Acetate
Concen: 28.845 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076713.D
Acq: 16 Feb 2023 15:51

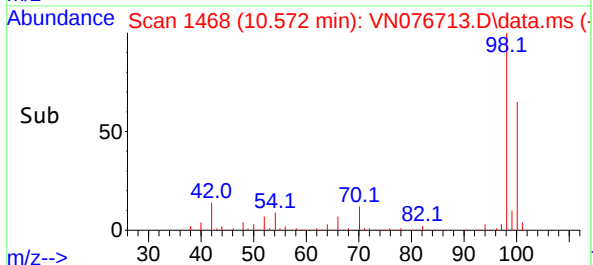
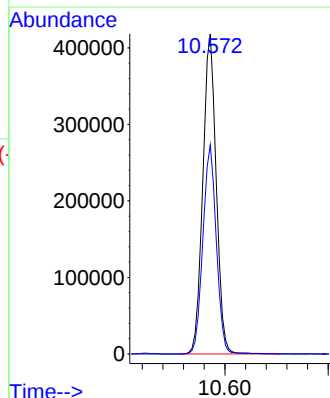
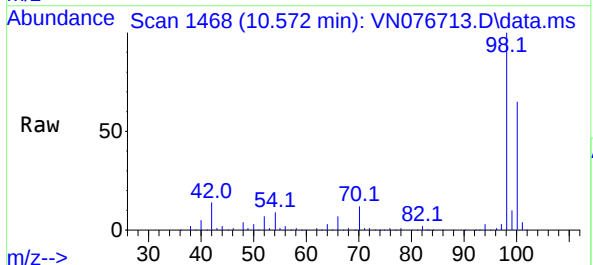
Instrument :
MSVOA_N
ClientSampleId :
TCLP-2

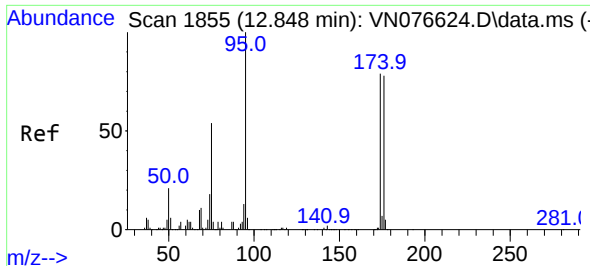
Tgt Ion: 43 Resp: 275859
Ion Ratio Lower Upper
43 100
61 15.6 20.0 30.0#
87 9.7 9.9 14.9#



#50
Toluene-d8
Concen: 52.018 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076713.D
Acq: 16 Feb 2023 15:51

Tgt Ion: 98 Resp: 751066
Ion Ratio Lower Upper
98 100
100 65.4 52.9 79.3

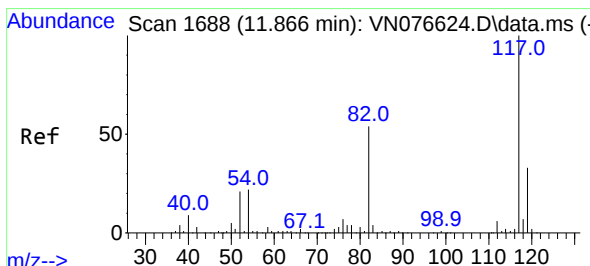
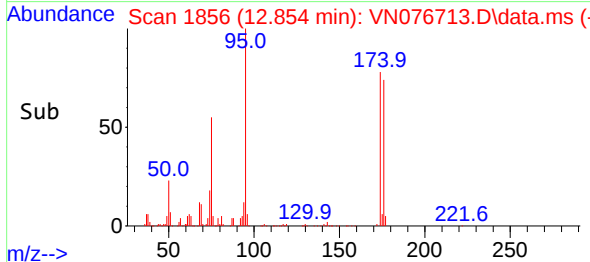
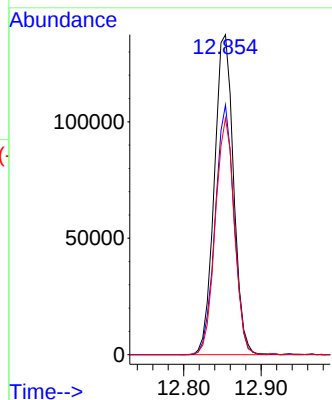
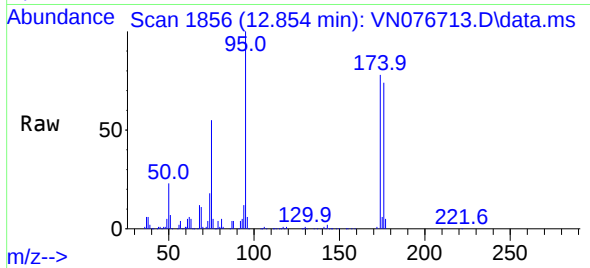




#62
4-Bromofluorobenzene
Concen: 49.638 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076713.D
Acq: 16 Feb 2023 15:51

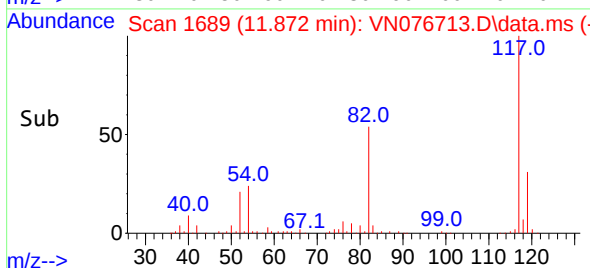
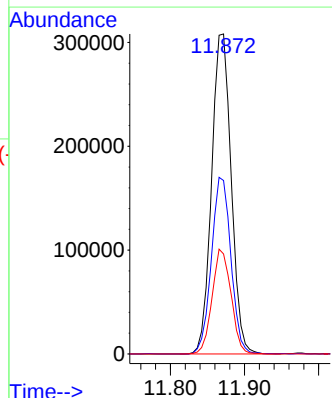
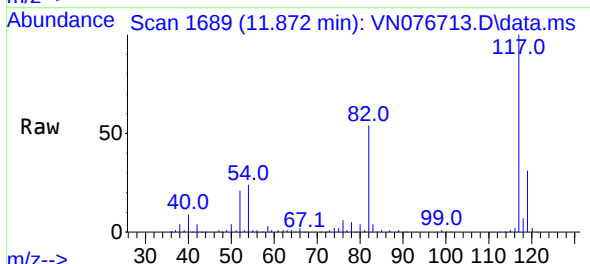
Instrument :
MSVOA_N
ClientSampleId :
TCLP-2

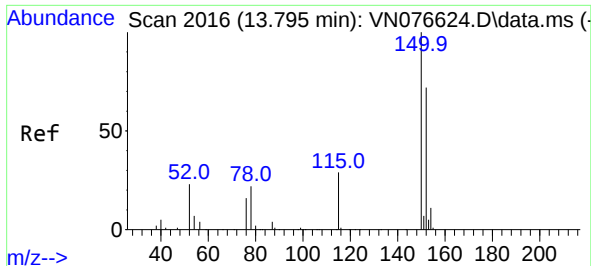
Tgt Ion: 95 Resp: 237376
Ion Ratio Lower Upper
95 100
174 76.4 0.0 169.2
176 73.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076713.D
Acq: 16 Feb 2023 15:51

Tgt Ion: 117 Resp: 565712
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.2
119 31.2 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: VN076713.D

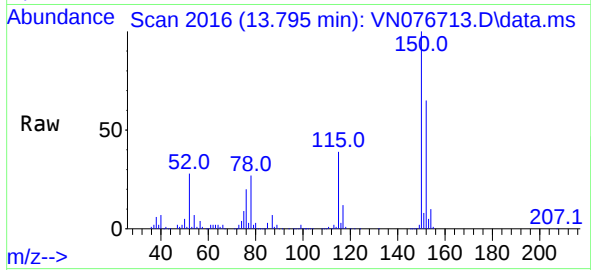
Acq: 16 Feb 2023 15:51

Instrument :

MSVOA_N

ClientSampleId :

TCLP-2



Tgt Ion:152 Resp: 218600

Ion Ratio Lower Upper

152 100

115 60.7 29.3 87.9

150 156.9 0.0 349.8

