

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021623\
 Data File : VN076714.D
 Acq On : 16 Feb 2023 16:15
 Operator : JC\MD
 Sample : 01537-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TCLP-3

Quant Time: Feb 17 00:13:58 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)

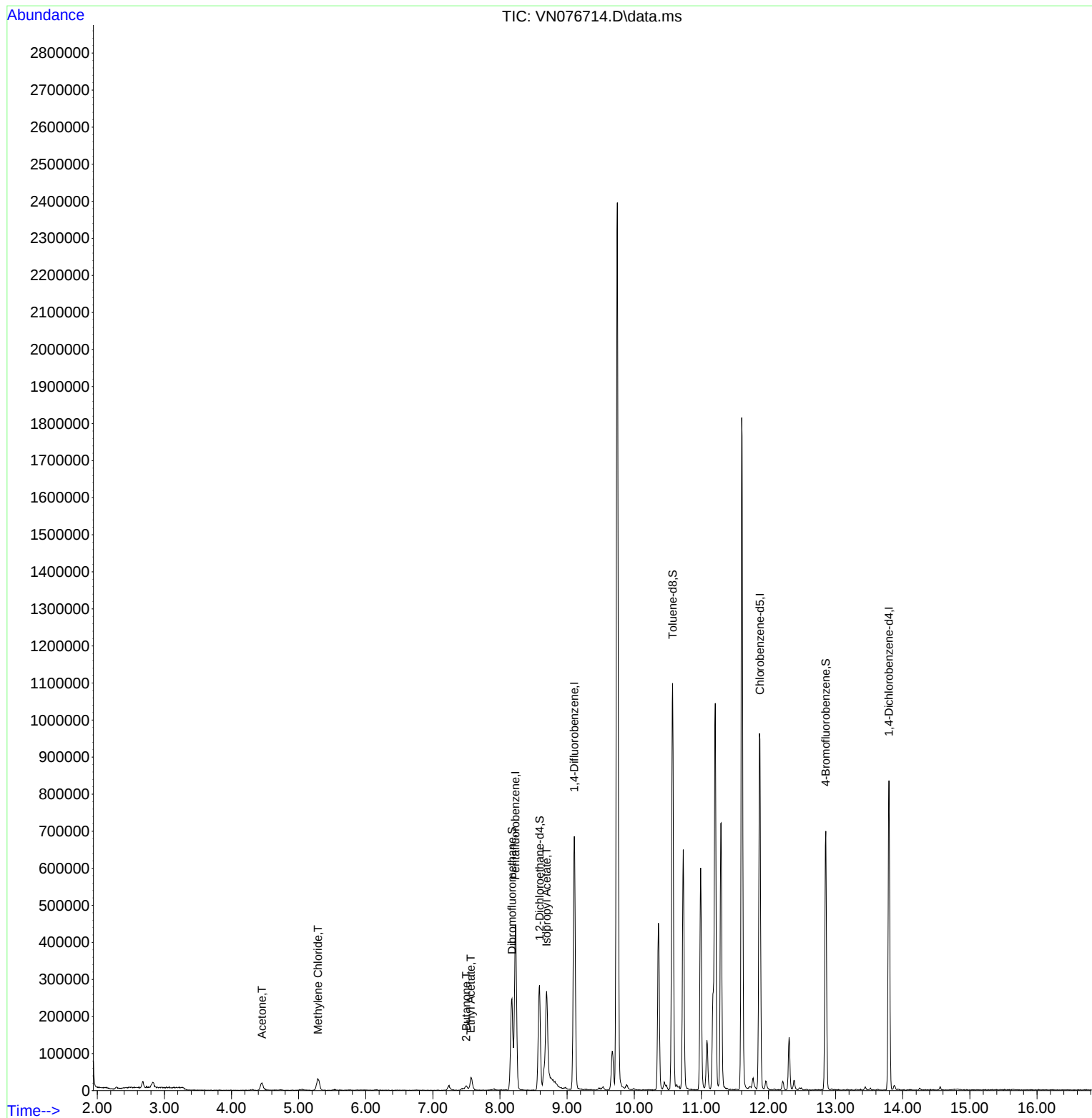
Internal Standards						
1) Pentafluorobenzene	8.231	168	317604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	583202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	554822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	211020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	223374	50.933	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.860%
35) Dibromofluoromethane	8.178	113	175800	46.030	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.060%
50) Toluene-d8	10.572	98	747907	52.436	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.880%
62) 4-Bromofluorobenzene	12.854	95	228136	48.292	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.580%
Target Compounds						
						Qvalue
16) Acetone	4.454	43	39197	20.009	ug/l	89
20) Methylene Chloride	5.290	84	22700	5.529	ug/l #	86
25) 2-Butanone	7.495	43	18050	6.246	ug/l	97
37) Ethyl Acetate	7.566	43	53217	9.166	ug/l	97
43) Isopropyl Acetate	8.695	43	393785	41.681	ug/l #	78

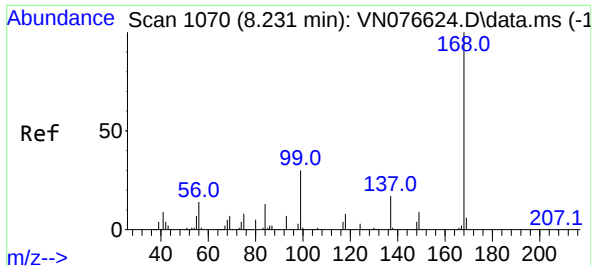
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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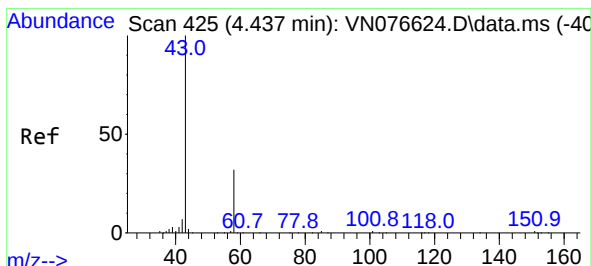
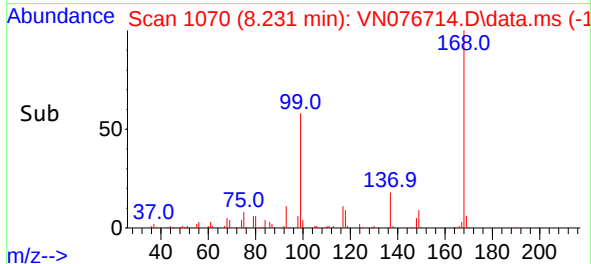
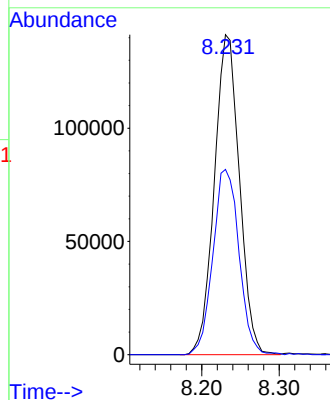
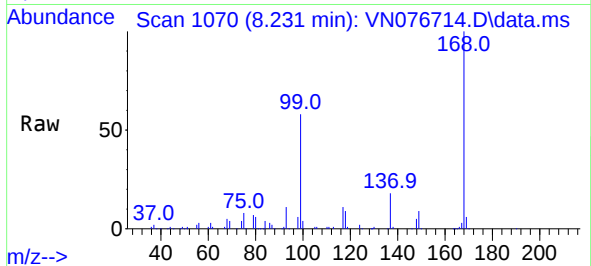




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076714.D
Acq: 16 Feb 2023 16:15

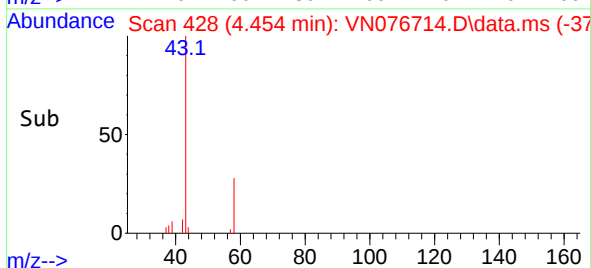
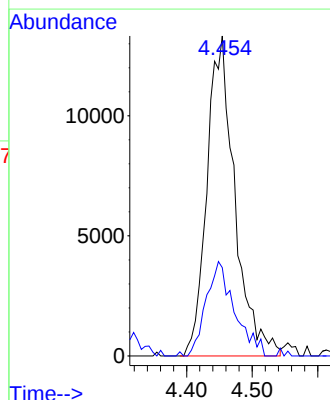
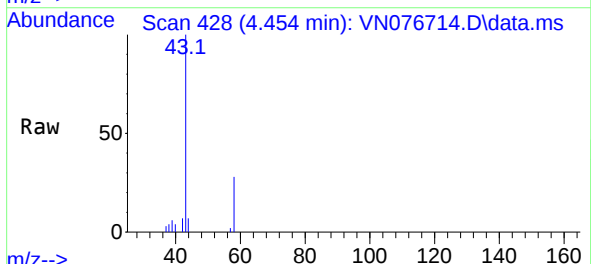
Instrument :
MSVOA_N
ClientSampleId :
TCLP-3

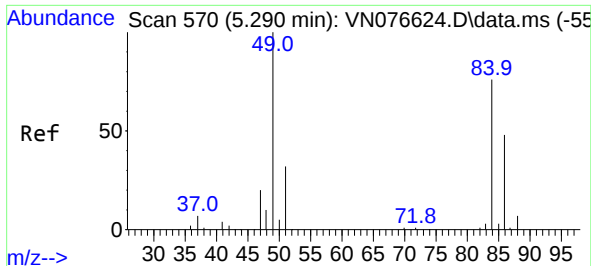
Tgt Ion:168 Resp: 317604
Ion Ratio Lower Upper
168 100
99 57.9 44.8 67.2



#16
Acetone
Concen: 20.009 ug/l
RT: 4.454 min Scan# 428
Delta R.T. 0.017 min
Lab File: VN076714.D
Acq: 16 Feb 2023 16:15

Tgt Ion: 43 Resp: 39197
Ion Ratio Lower Upper
43 100
58 26.3 25.9 38.9

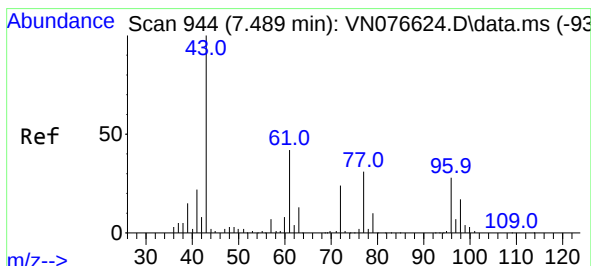
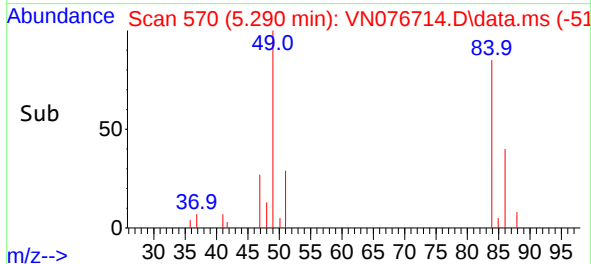
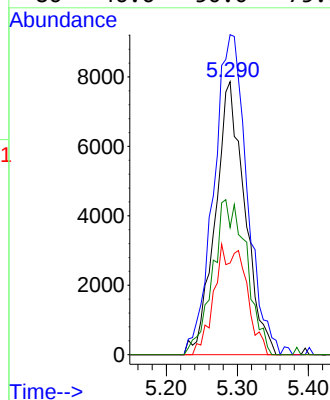
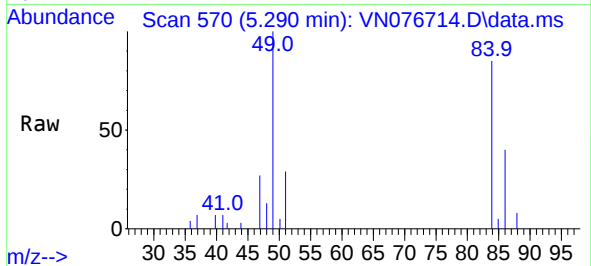




#20
Methylene Chloride
Concen: 5.529 ug/l
RT: 5.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN076714.D
Acq: 16 Feb 2023 16:15

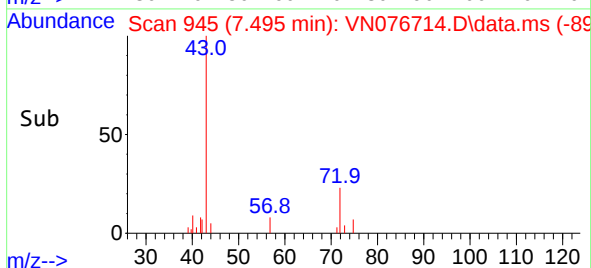
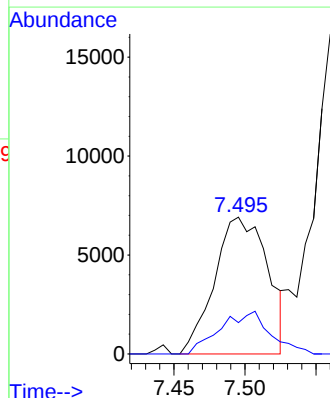
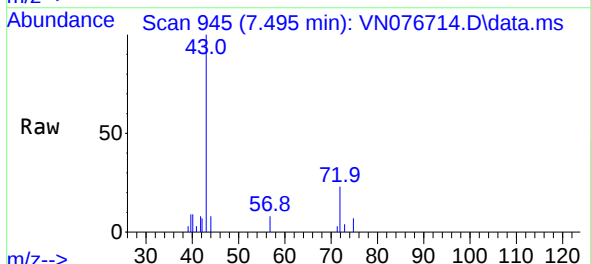
Instrument :
MSVOA_N
ClientSampleId :
TCLP-3

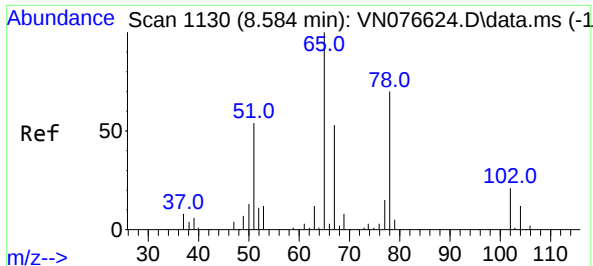
Tgt Ion:	84	Resp:	22700
Ion	Ratio	Lower	Upper
84	100		
49	117.2	104.9	157.3
51	33.6	33.8	50.8#
86	46.6	50.0	75.0#



#25
2-Butanone
Concen: 6.246 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076714.D
Acq: 16 Feb 2023 16:15

Tgt Ion:	43	Resp:	18050
Ion	Ratio	Lower	Upper
43	100		
72	23.0	19.4	29.2

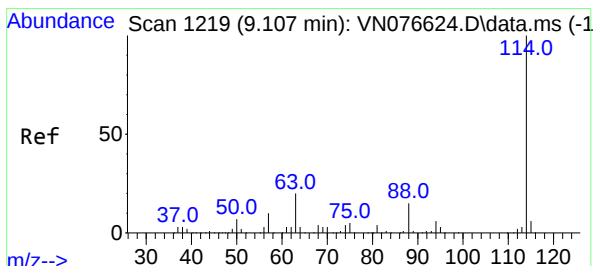
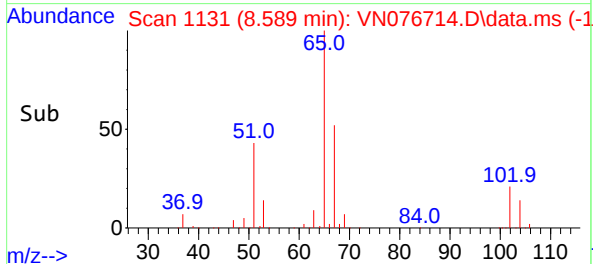
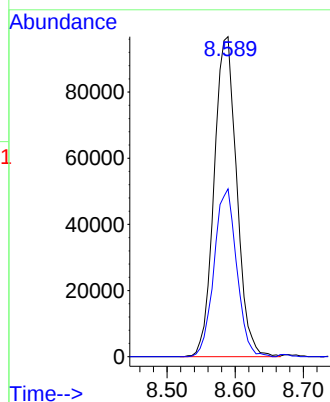
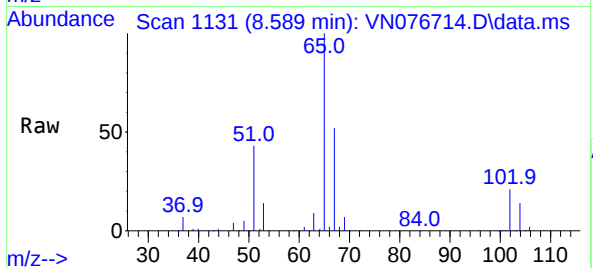




#33
1,2-Dichloroethane-d4
Concen: 50.933 ug/l
RT: 8.589 min Scan# 1130
Delta R.T. 0.005 min
Lab File: VN076714.D
Acq: 16 Feb 2023 16:15

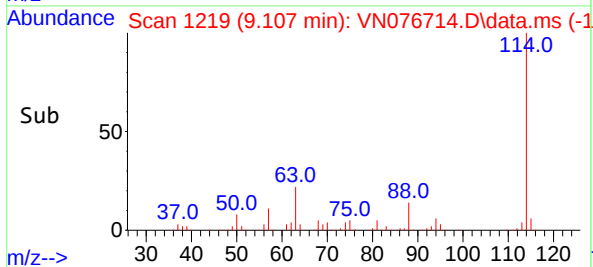
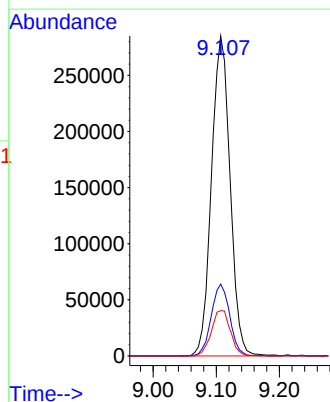
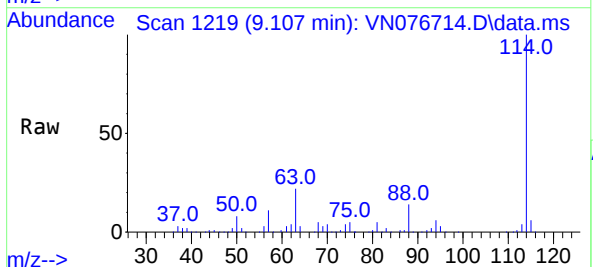
Instrument :
MSVOA_N
ClientSampleId :
TCLP-3

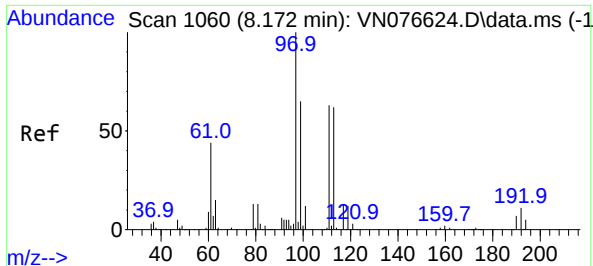
Tgt Ion: 65 Resp: 223374
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN076714.D
Acq: 16 Feb 2023 16:15

Tgt Ion: 114 Resp: 583202
Ion Ratio Lower Upper
114 100
63 22.4 0.0 40.0
88 14.2 0.0 29.6

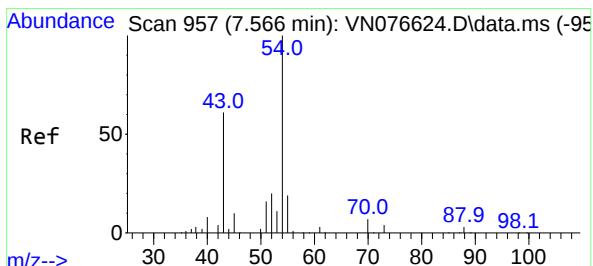
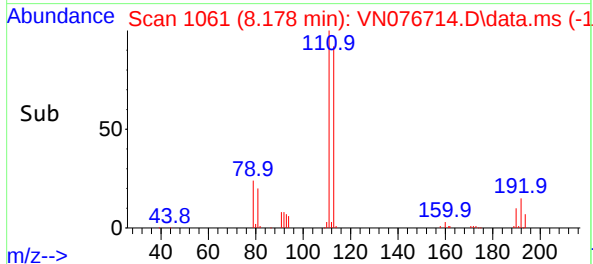
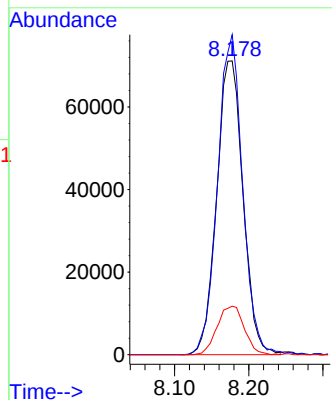
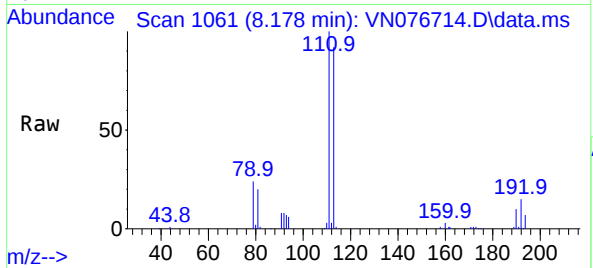




#35
Dibromofluoromethane
Concen: 46.030 ug/l
RT: 8.178 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN076714.D
Acq: 16 Feb 2023 16:15

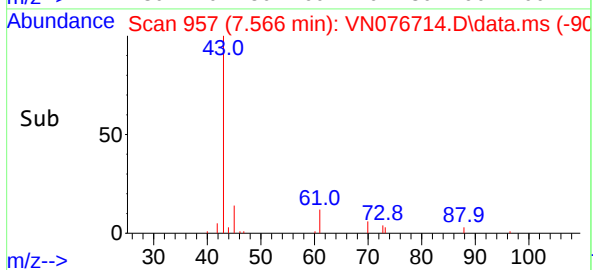
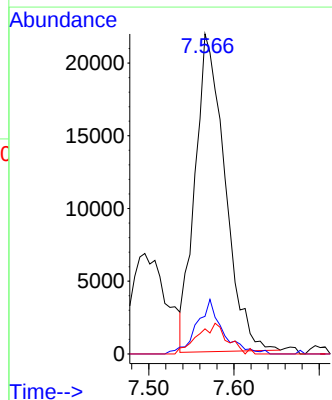
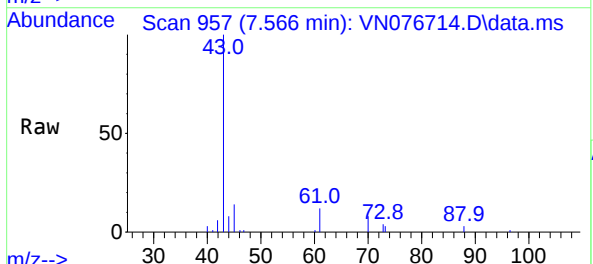
Instrument :
MSVOA_N
ClientSampleId :
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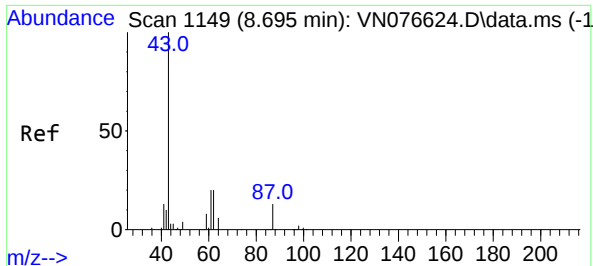
Tgt Ion:113 Resp: 175800
Ion Ratio Lower Upper
113 100
111 103.7 83.1 124.7
192 17.0 15.6 23.4



#37
Ethyl Acetate
Concen: 9.166 ug/l
RT: 7.566 min Scan# 957
Delta R.T. -0.000 min
Lab File: VN076714.D
Acq: 16 Feb 2023 16:15

Tgt Ion: 43 Resp: 53217
Ion Ratio Lower Upper
43 100
61 14.8 9.9 14.9
70 9.7 7.8 11.6

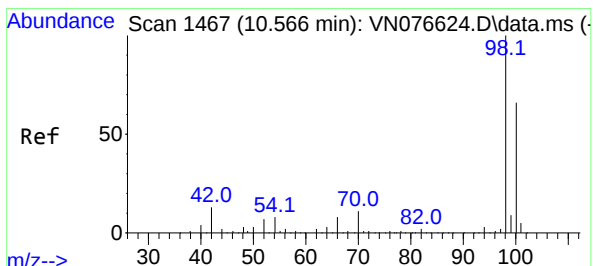
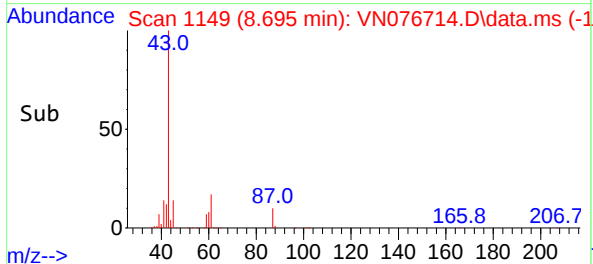
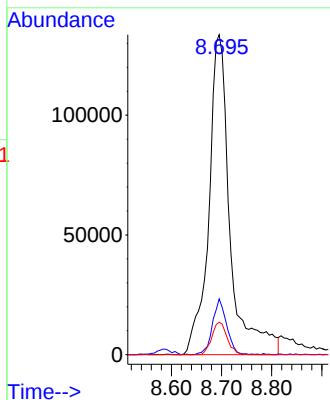
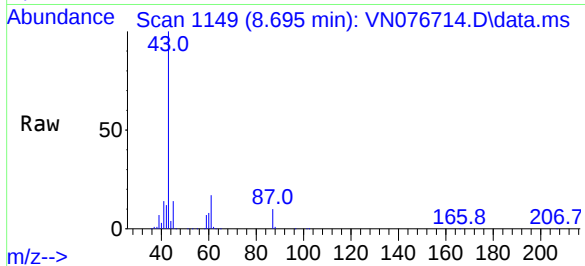




#43
Isopropyl Acetate
Concen: 41.681 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076714.D
Acq: 16 Feb 2023 16:15

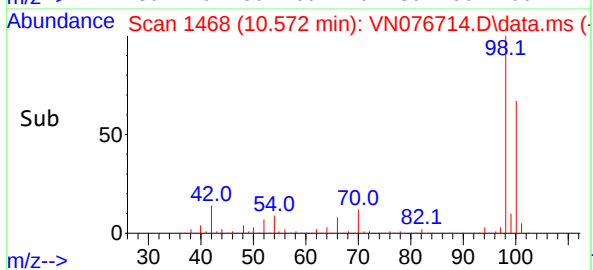
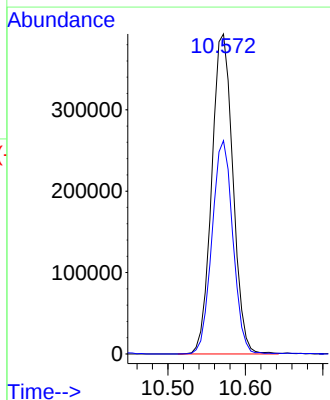
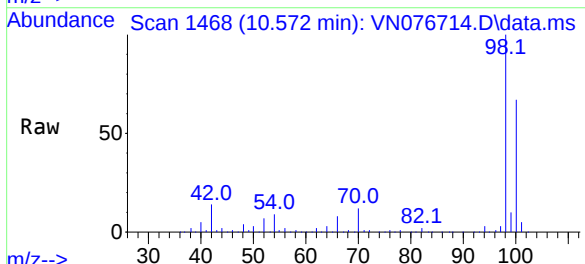
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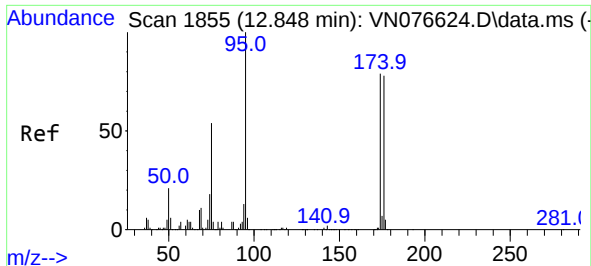
Tgt Ion: 43 Resp: 393785
Ion Ratio Lower Upper
43 100
61 11.7 20.0 30.0#
87 7.3 9.9 14.9#



#50
Toluene-d8
Concen: 52.436 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076714.D
Acq: 16 Feb 2023 16:15

Tgt Ion: 98 Resp: 747907
Ion Ratio Lower Upper
98 100
100 65.6 52.9 79.3

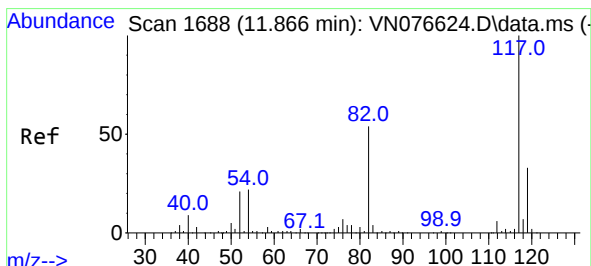
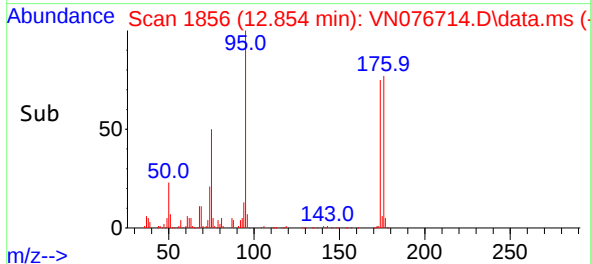
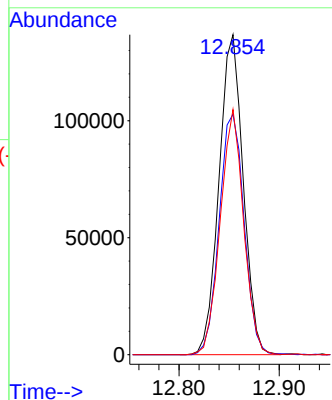
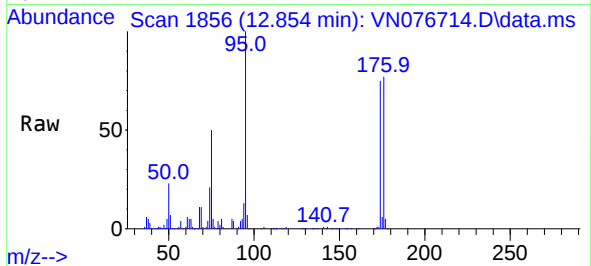




#62
4-Bromofluorobenzene
Concen: 48.292 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076714.D
Acq: 16 Feb 2023 16:15

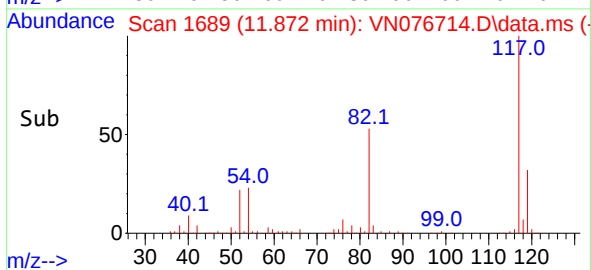
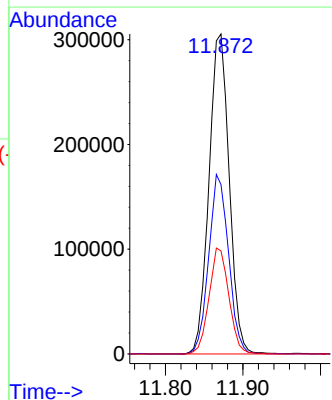
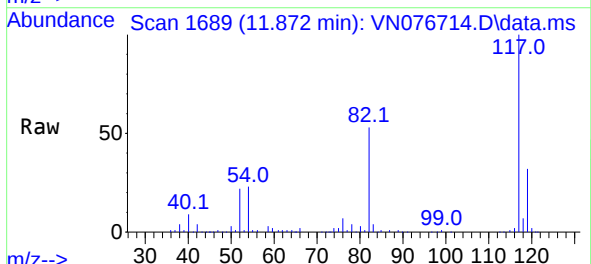
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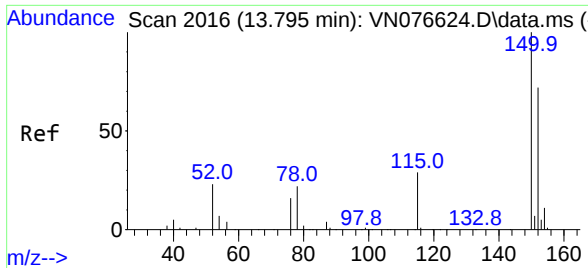
Tgt Ion: 95 Resp: 228136
Ion Ratio Lower Upper
95 100
174 77.7 0.0 169.2
176 74.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076714.D
Acq: 16 Feb 2023 16:15

Tgt Ion: 117 Resp: 554822
Ion Ratio Lower Upper
117 100
82 52.9 43.4 65.2
119 32.2 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: VN076714.D
Acq: 16 Feb 2023 16:15

Instrument :
MSVOA_N
ClientSampleId :
TCLP-3

Tgt Ion:152 Resp: 211020
Ion Ratio Lower Upper
152 100
115 59.5 29.3 87.9
150 157.3 0.0 349.8

