Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021623\
Data File : VN076717.D
Acq On : 16 Feb 2023 17:28
Operator : JC\MD
Sample : 01538-20
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TCLP-6

Quant Time: Feb 17 00:15:43 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	299331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	559308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	545455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	206876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	214620	51.924	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.840%			
35) Dibromofluoromethane	8.178	113	168622	46.036	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.080%			
50) Toluene-d8	10.572	98	711838	52.039	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.080%			
62) 4-Bromofluorobenzene	12.854	95	220367	48.641	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.280%			
Target Compounds						Qvalue
16) Acetone	4.454	43	35843	19.413	ug/l	90
20) Methylene Chloride	5.290	84	21932	5.668	ug/l	86
25) 2-Butanone	7.501	43	18202	6.683	ug/l	95
37) Ethyl Acetate	7.578	43	52877	9.496	ug/l	98
43) Isopropyl Acetate	8.695	43	369762	40.810	ug/l #	80

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

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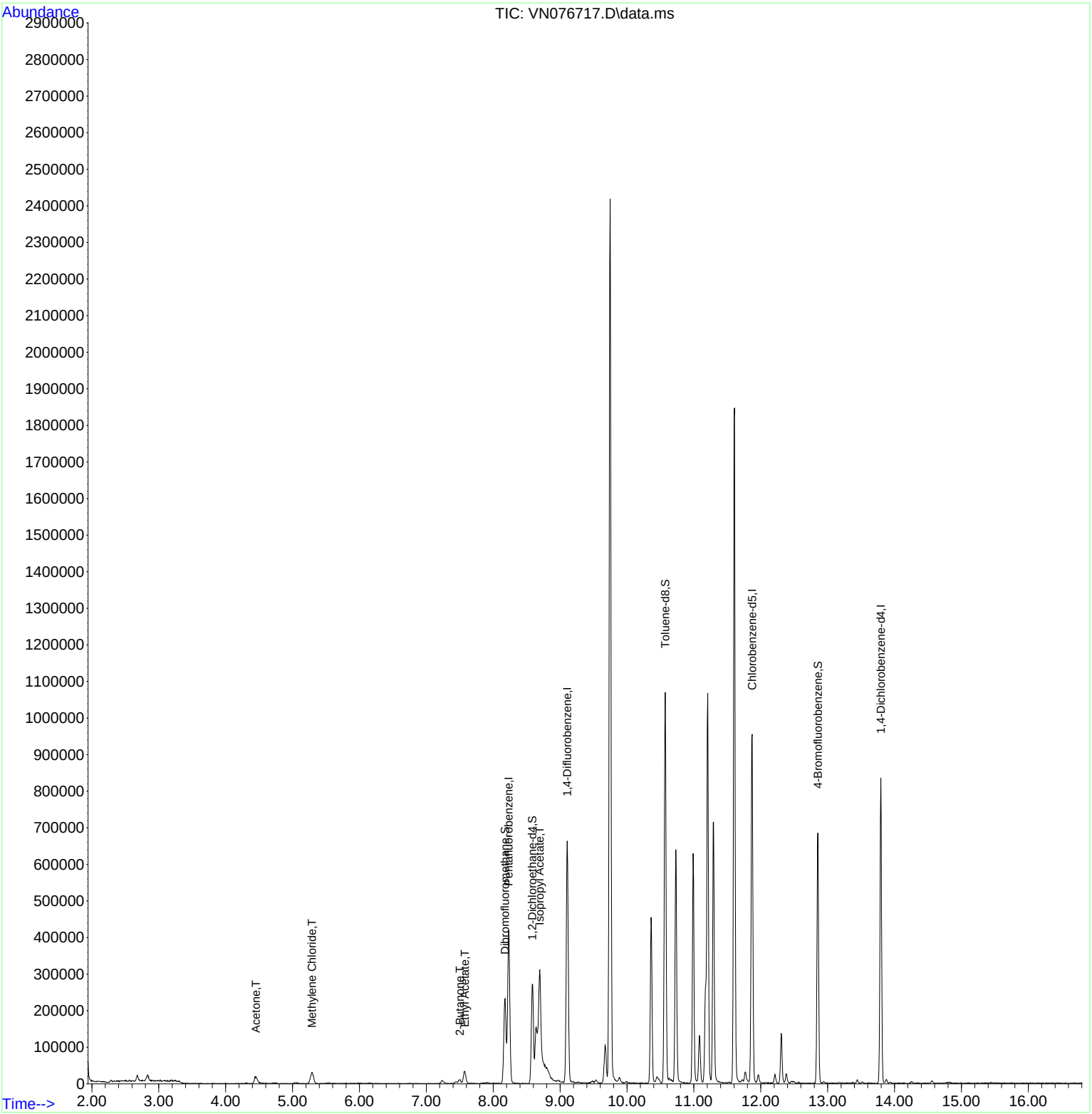
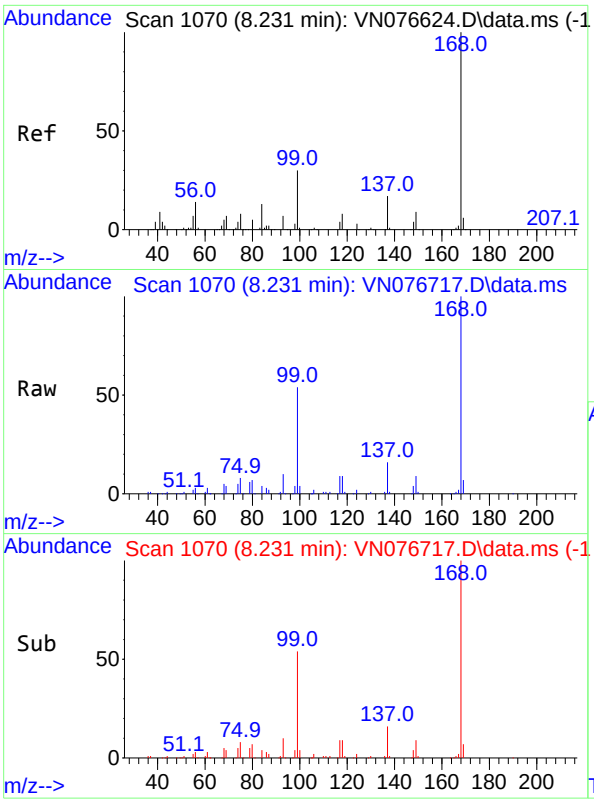


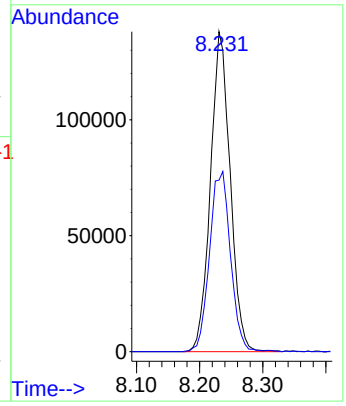


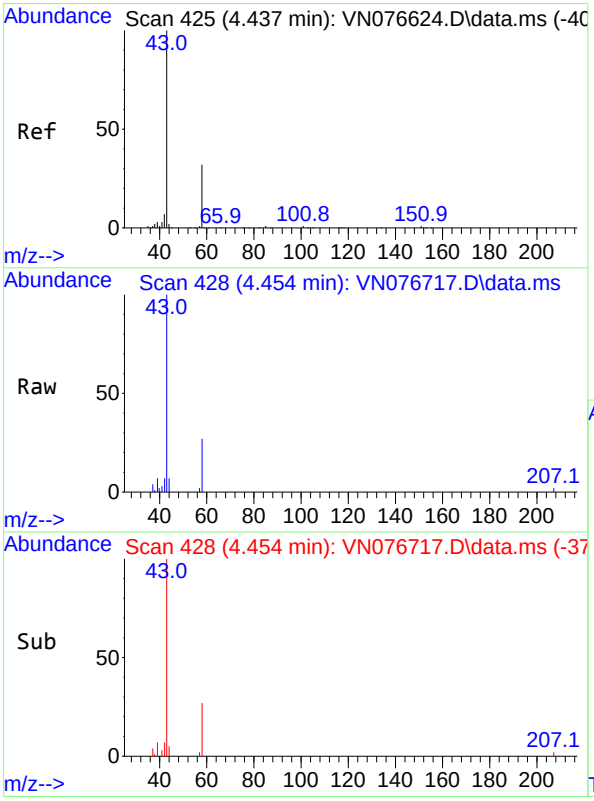
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076717.D
Acq: 16 Feb 2023 17:28

Instrument :
MSVOA_N
ClientSampleId :
TCLP-6

Tgt Ion:168 Resp: 299331

Ion	Ratio	Lower	Upper
168	100		
99	53.6	44.8	67.2

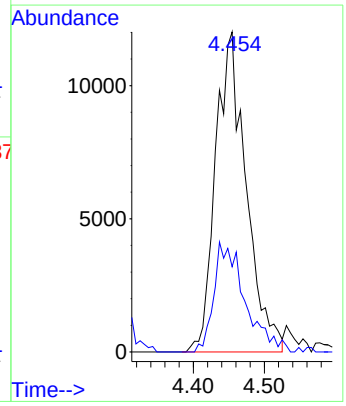


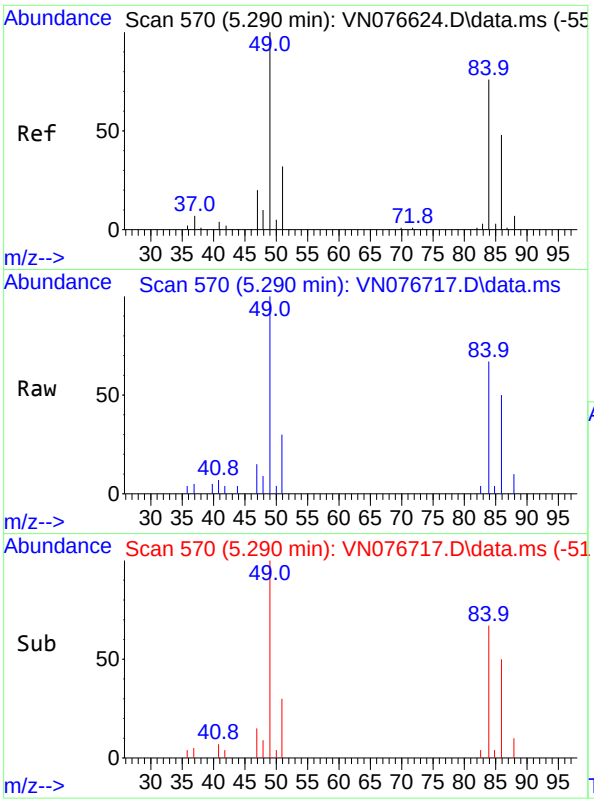


#16
Acetone
Concen: 19.413 ug/l
RT: 4.454 min Scan# 428
Delta R.T. 0.017 min
Lab File: VN076717.D
Acq: 16 Feb 2023 17:28

Tgt Ion: 43 Resp: 35843

Ion	Ratio	Lower	Upper
43	100		
58	26.6	25.9	38.9



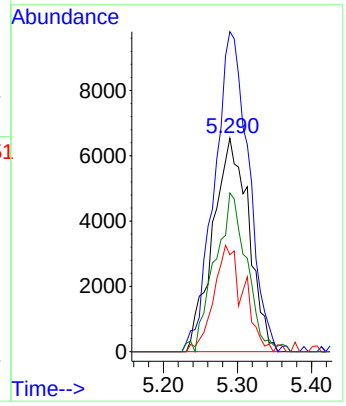


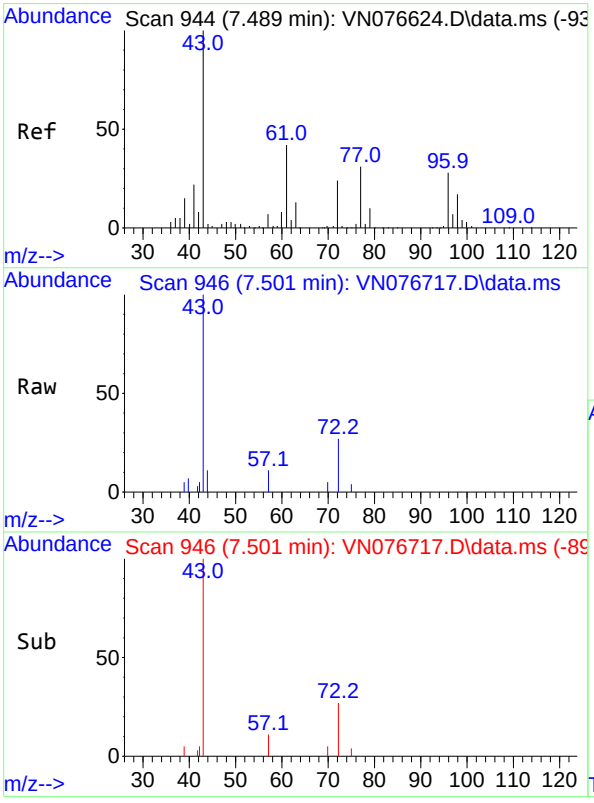
#20
Methylene Chloride
Concen: 5.668 ug/l
RT: 5.290 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN076717.D
Acq: 16 Feb 2023 17:28

Instrument :
MSVOA_N
ClientSampleId :
TCLP-6

Tgt Ion: 84 Resp: 21932

Ion	Ratio	Lower	Upper
84	100		
49	150.0	104.9	157.3
51	45.4	33.8	50.8
86	74.4	50.0	75.0

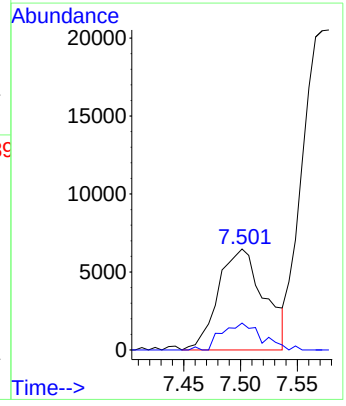


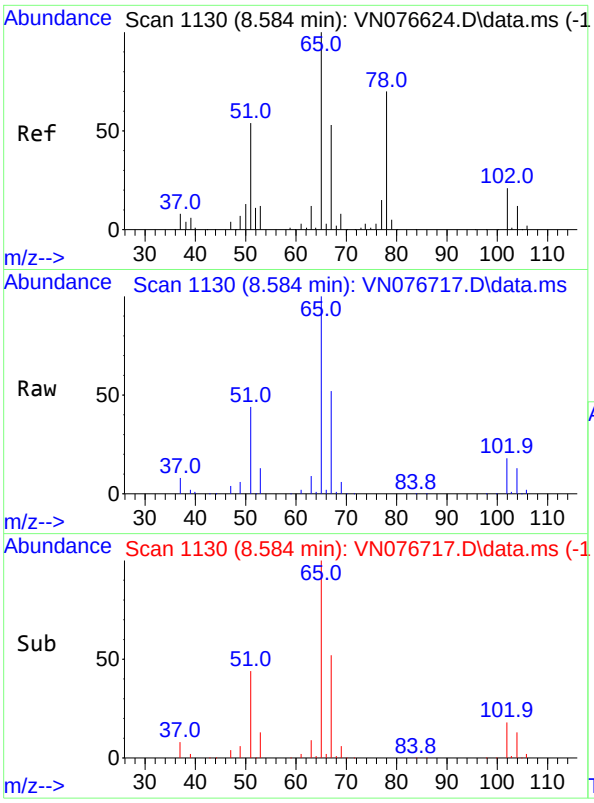


#25
2-Butanone
Concen: 6.683 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.012 min
Lab File: VN076717.D
Acq: 16 Feb 2023 17:28

Tgt Ion: 43 Resp: 18202

Ion	Ratio	Lower	Upper
43	100		
72	26.6	19.4	29.2



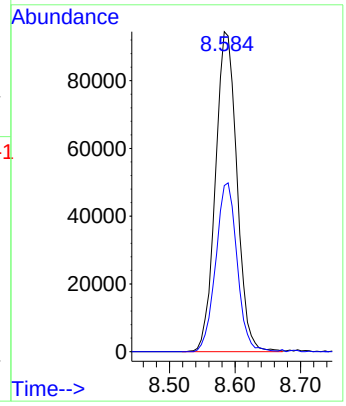


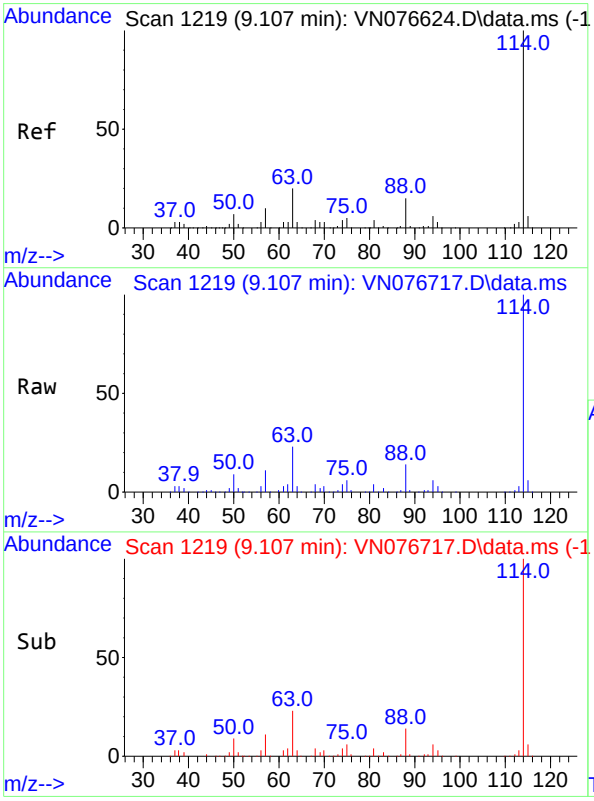
#33
1,2-Dichloroethane-d4
Concen: 51.924 ug/l
RT: 8.584 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076717.D
Acq: 16 Feb 2023 17:28

Instrument :
MSVOA_N
ClientSampleId :
TCLP-6

Tgt Ion: 65 Resp: 214620

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	105.6

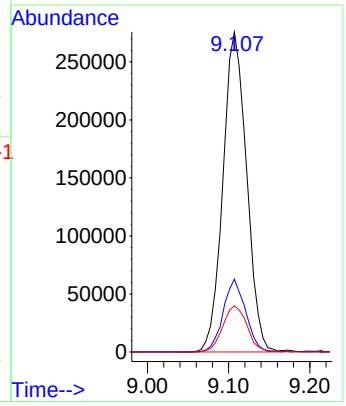


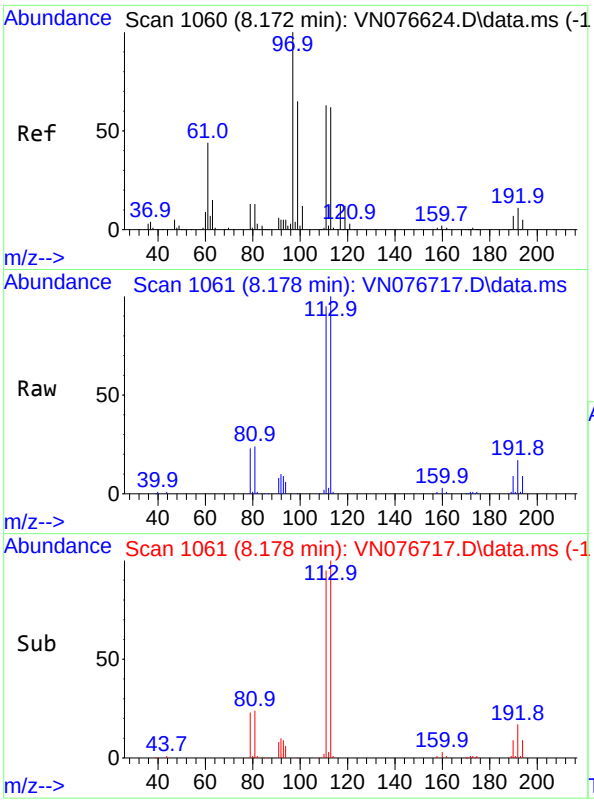


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN076717.D
Acq: 16 Feb 2023 17:28

Tgt Ion:114 Resp: 559308

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	40.0
88	14.4	0.0	29.6



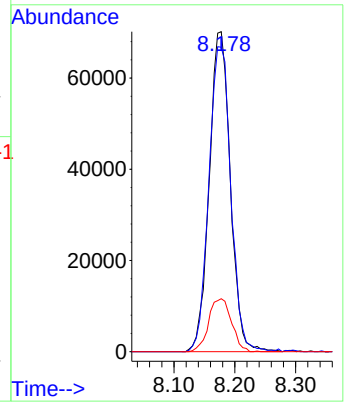


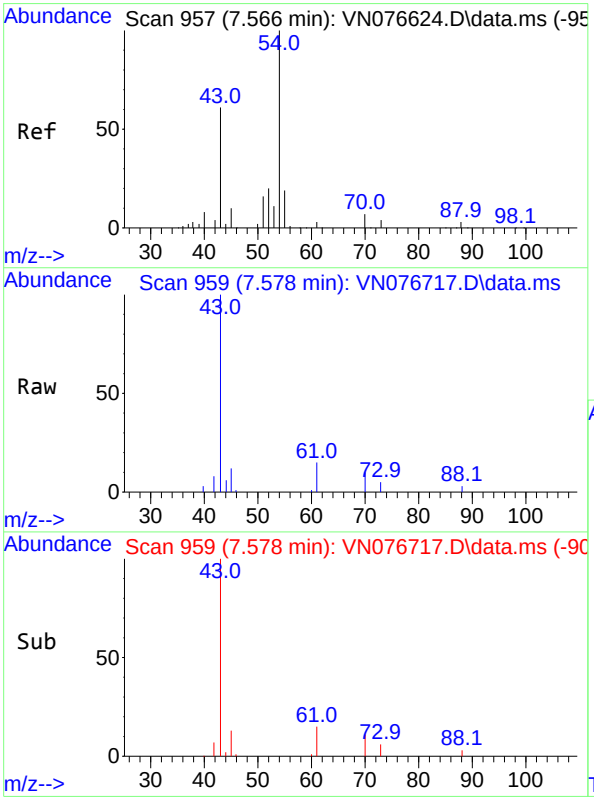
#35
Dibromofluoromethane
Concen: 46.036 ug/l
RT: 8.178 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN076717.D
Acq: 16 Feb 2023 17:28

Instrument :
MSVOA_N
ClientSampleId :
TCLP-6

Tgt Ion:113 Resp: 168622

Ion	Ratio	Lower	Upper
113	100		
111	99.6	83.1	124.7
192	17.9	15.6	23.4

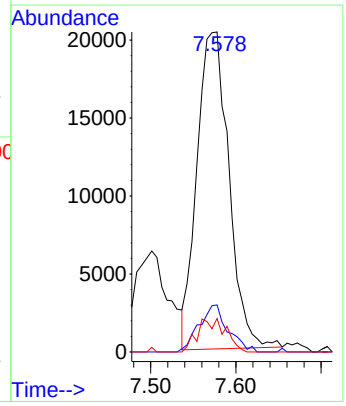


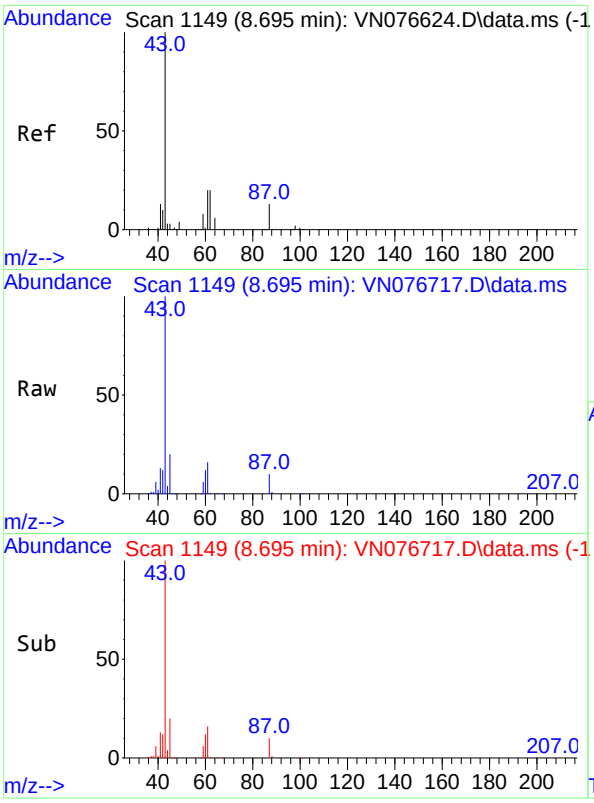


#37
Ethyl Acetate
Concen: 9.496 ug/l
RT: 7.578 min Scan# 959
Delta R.T. 0.012 min
Lab File: VN076717.D
Acq: 16 Feb 2023 17:28

Tgt Ion: 43 Resp: 52877

Ion	Ratio	Lower	Upper
43	100		
61	13.5	9.9	14.9
70	9.3	7.8	11.6



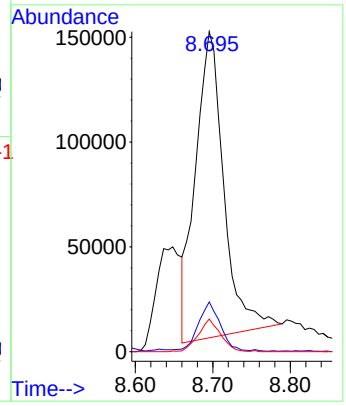


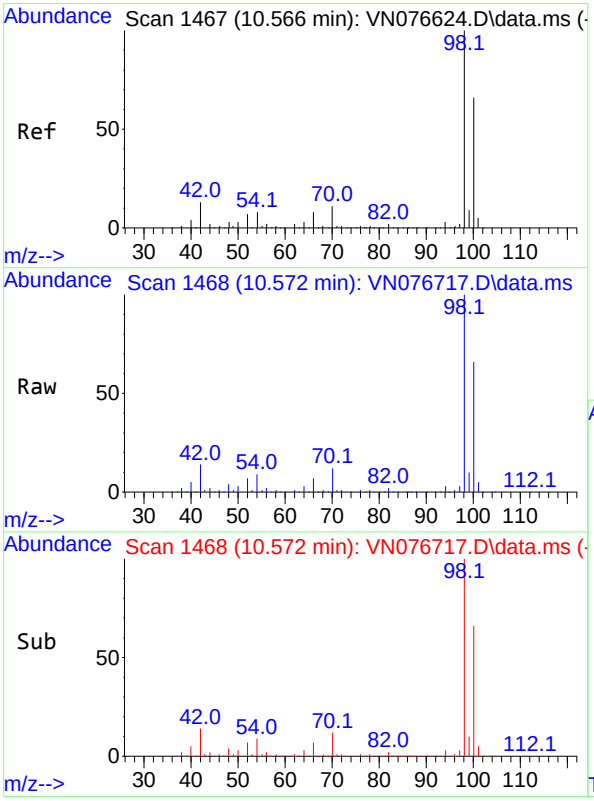
#43
Isopropyl Acetate
Concen: 40.810 ug/l
RT: 8.695 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076717.D
Acq: 16 Feb 2023 17:28

Instrument :
MSVOA_N
ClientSampleId :
TCLP-6

Tgt Ion: 43 Resp: 369762

Ion	Ratio	Lower	Upper
43	100		
61	12.3	20.0	30.0#
87	8.4	9.9	14.9#

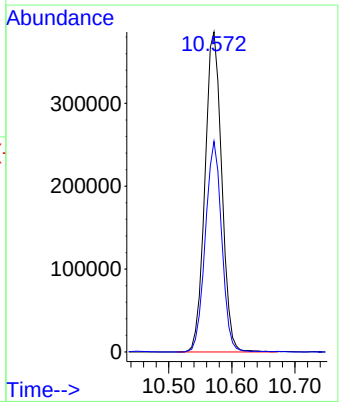


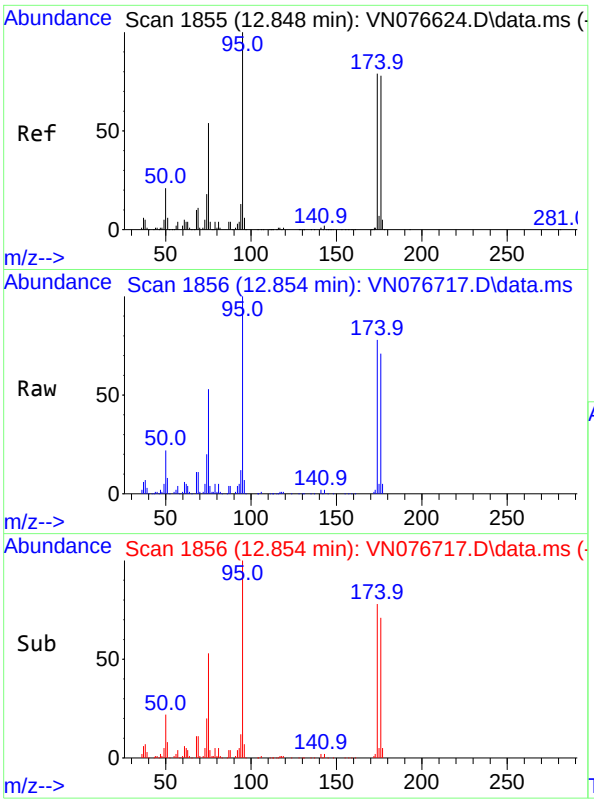


#50
Toluene-d8
Concen: 52.039 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076717.D
Acq: 16 Feb 2023 17:28

Tgt Ion: 98 Resp: 711838

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.9	79.3



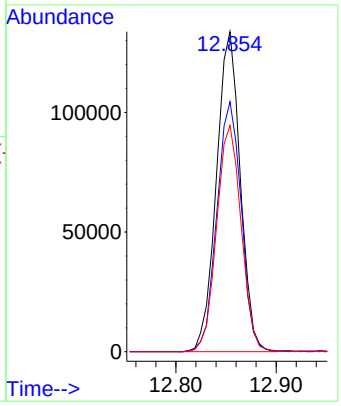


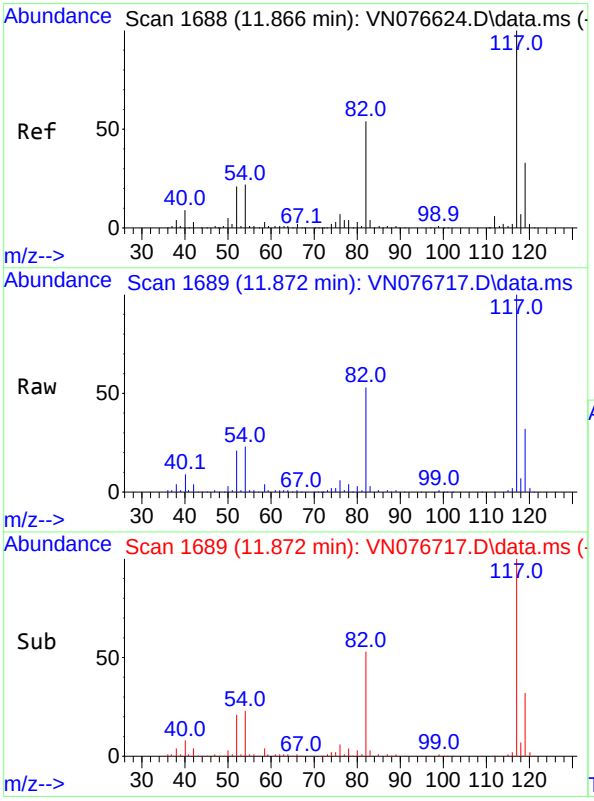
#62
4-Bromofluorobenzene
Concen: 48.641 ug/l
RT: 12.854 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN076717.D
Acq: 16 Feb 2023 17:28

Instrument :
MSVOA_N
ClientSampleId :
TCLP-6

Tgt Ion: 95 Resp: 220367

Ion	Ratio	Lower	Upper
95	100		
174	80.0	0.0	169.2
176	72.7	0.0	163.4

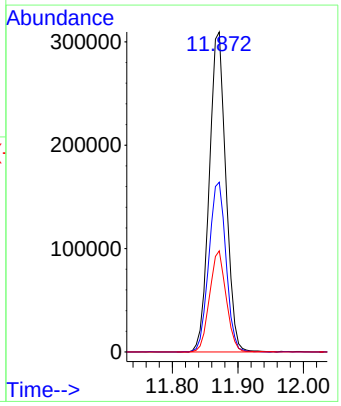


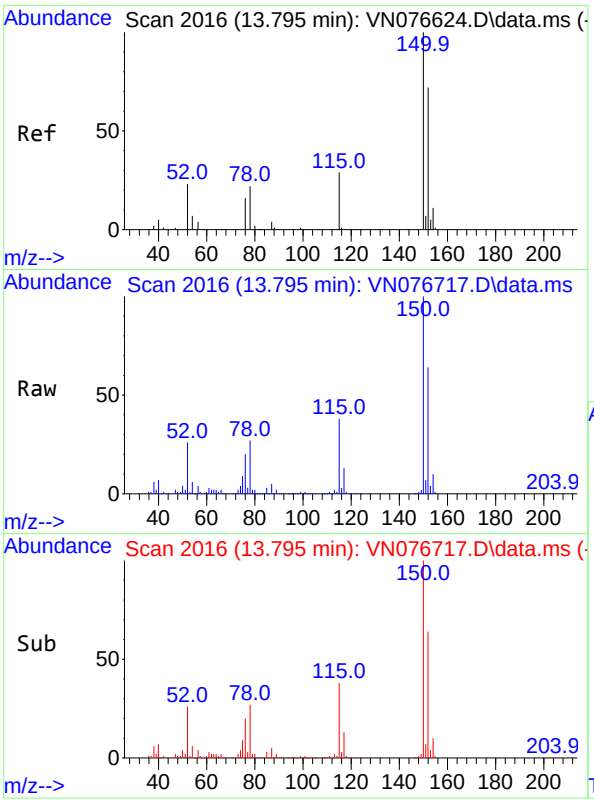


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076717.D
Acq: 16 Feb 2023 17:28

Tgt Ion:117 Resp: 545455

Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.4	65.2
119	31.6	26.1	39.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN076717.D
Acq: 16 Feb 2023 17:28

Instrument :
MSVOA_N
ClientSampleId :
TCLP-6

Tgt Ion:152 Resp: 206876

Ion	Ratio	Lower	Upper
152	100		
115	61.4	29.3	87.9
150	159.7	0.0	349.8