Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120821\
Data File : VD071213.D
Acq On : 08 Dec 2021 18:45
Operator : VA/SY
Sample : M4965-04
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RED-CONCRETE-VOC

Quant Time: Dec 09 10:19:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 29 17:54:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	207121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	360519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	408981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	203711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	127764	52.571	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.140%			
35) Dibromofluoromethane	7.914	113	121898	53.097	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.200%			
50) Toluene-d8	10.338	98	470450	53.849	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.700%			
62) 4-Bromofluorobenzene	12.626	95	201595	66.568	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 133.140%			
Target Compounds						Qvalue
16) Acetone	4.156	43	7105	40.450	ug/l #	77
20) Methylene Chloride	4.973	84	13066	1.256	ug/l #	84

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

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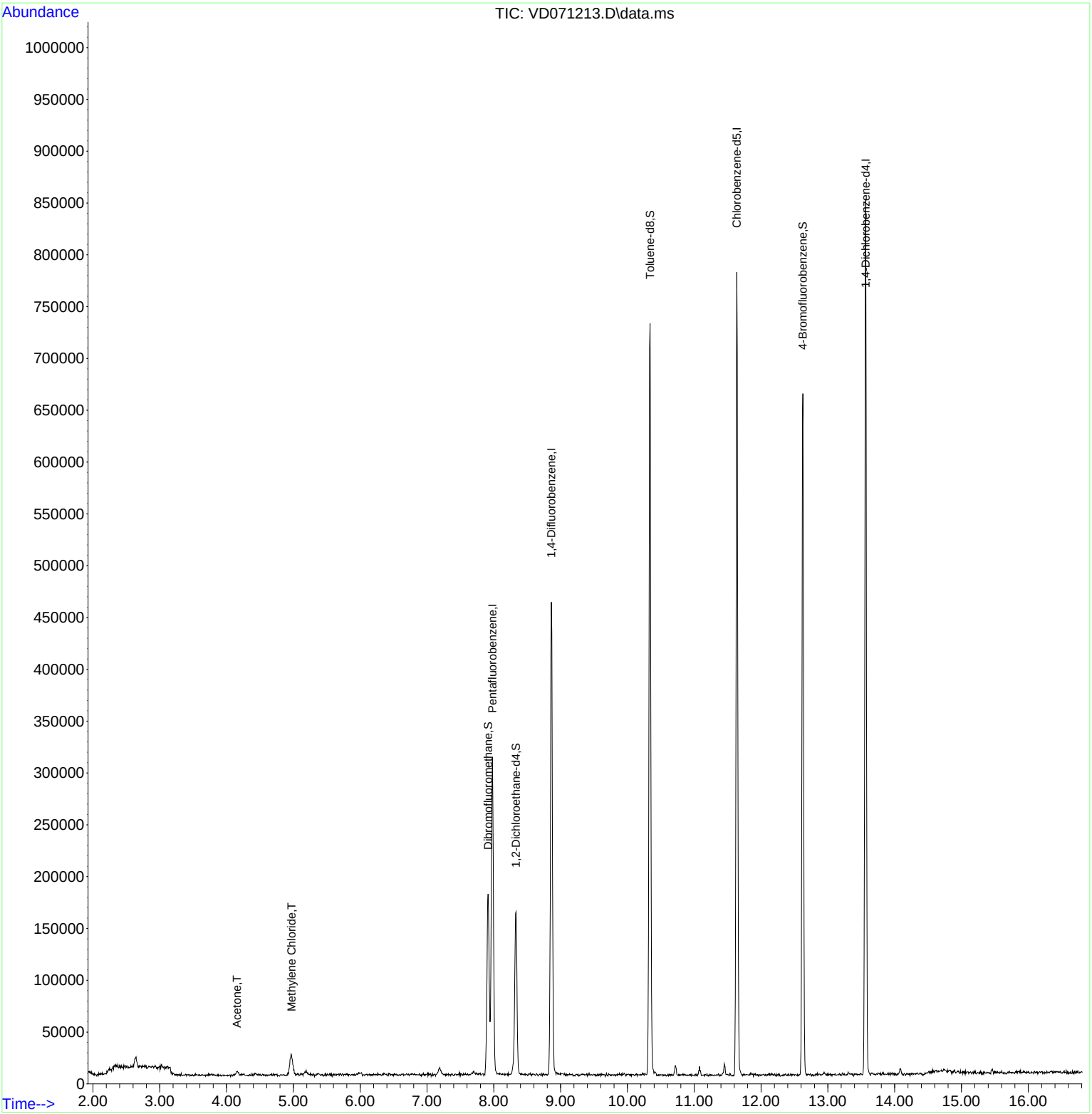
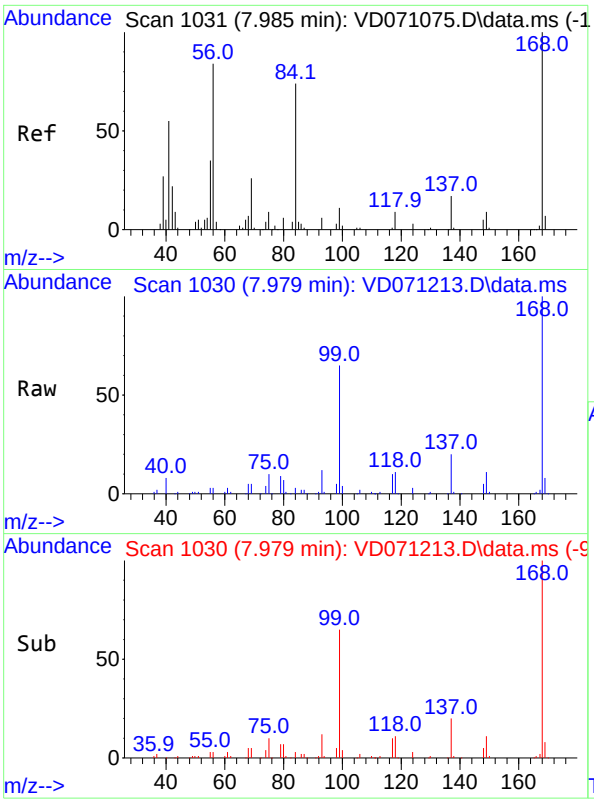


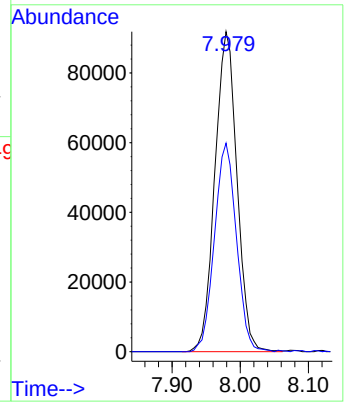


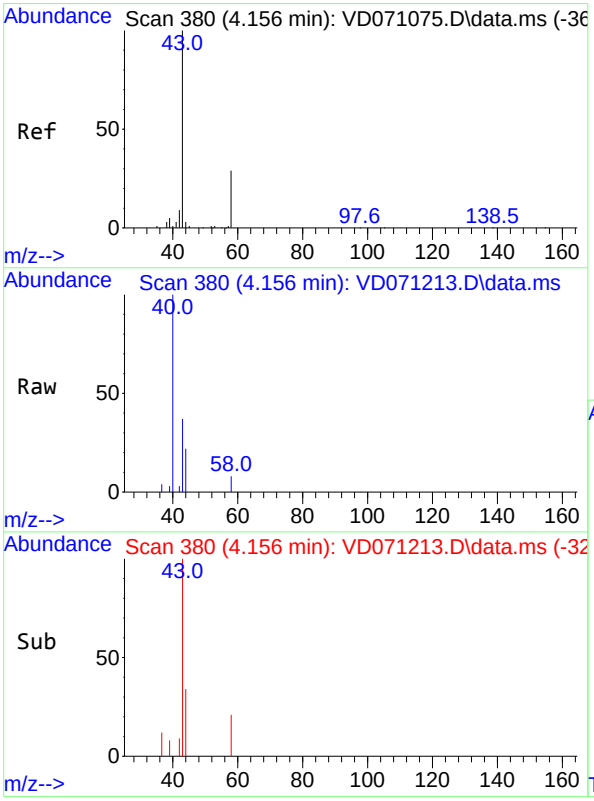
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD071213.D
Acq: 08 Dec 2021 18:45

Instrument :
MSVOA_D
ClientSampleId :
RED-CONCRETE-VOC

Tgt Ion:168 Resp: 207121

Ion	Ratio	Lower	Upper
168	100		
99	65.2	46.6	69.8

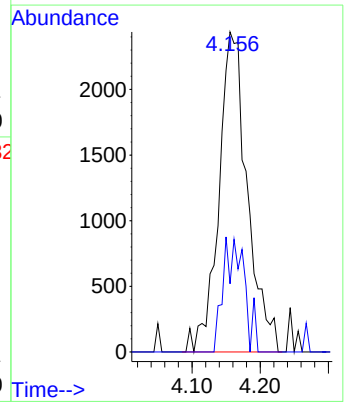


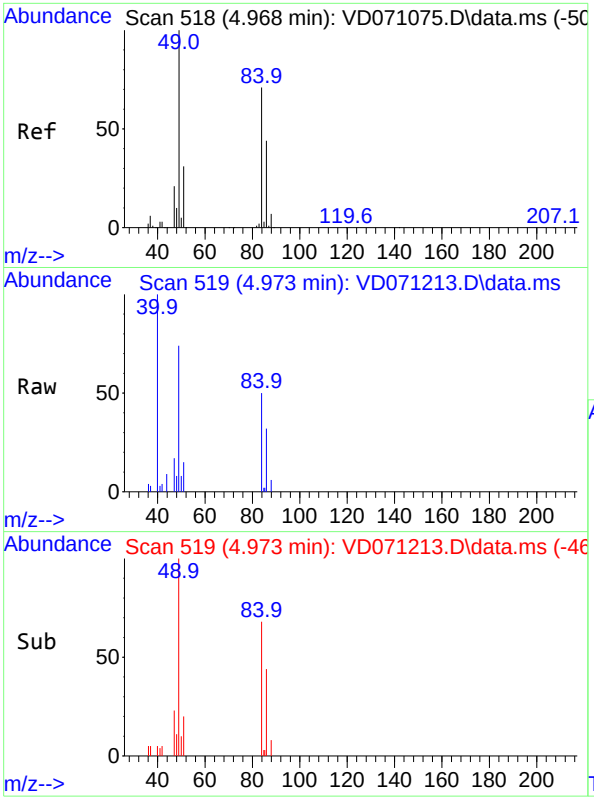


#16
Acetone
Concen: 40.450 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071213.D
Acq: 08 Dec 2021 18:45

Tgt Ion: 43 Resp: 7105

Ion	Ratio	Lower	Upper
43	100		
58	21.3	27.8	41.8#



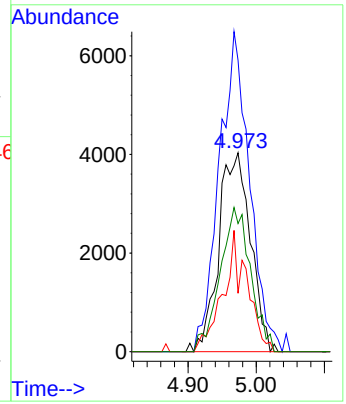


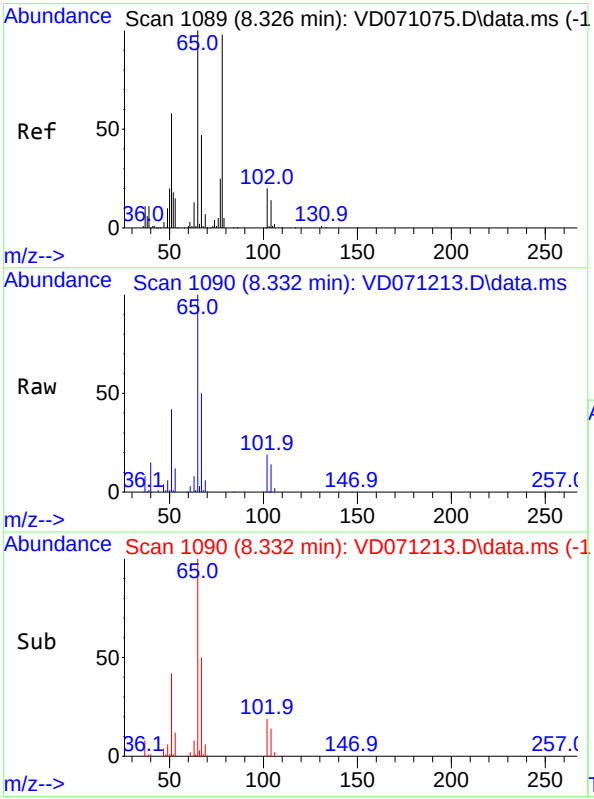
#20
Methylene Chloride
Concen: 1.256 ug/l
RT: 4.973 min Scan# 5
Delta R.T. 0.005 min
Lab File: VD071213.D
Acq: 08 Dec 2021 18:45

Instrument :
MSVOA_D
ClientSampleId :
RED-CONCRETE-VOC

Tgt Ion: 84 Resp: 13066

Ion	Ratio	Lower	Upper
84	100		
49	146.5	95.8	143.6#
51	29.4	30.9	46.3#
86	64.4	50.3	75.5

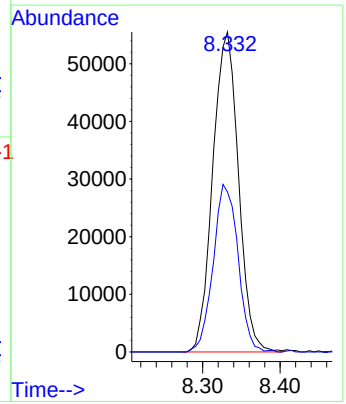


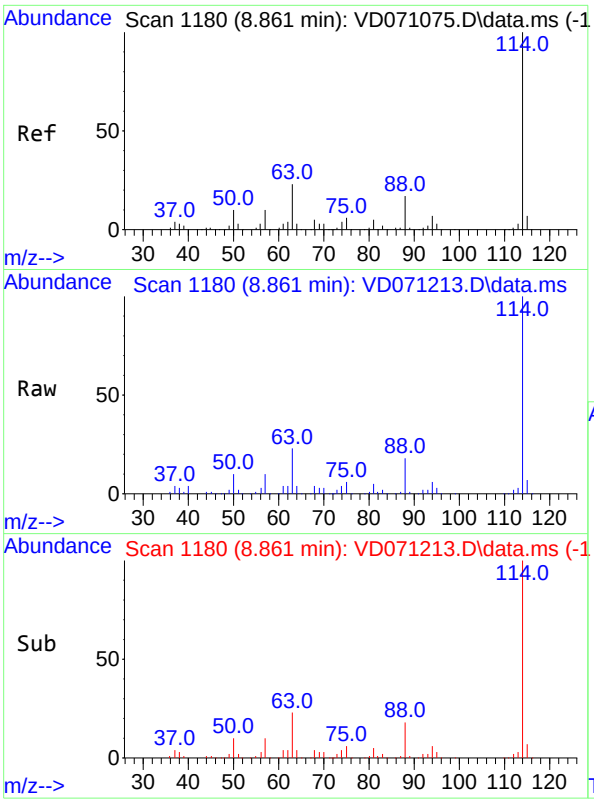


#33
1,2-Dichloroethane-d4
Concen: 52.571 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071213.D
Acq: 08 Dec 2021 18:45

Tgt Ion: 65 Resp: 127764

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	112.2



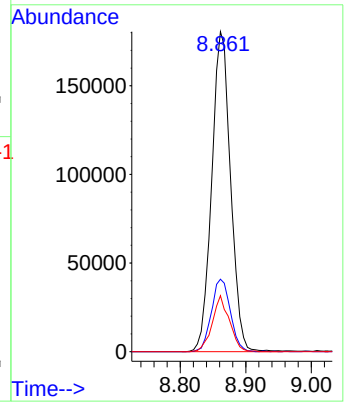


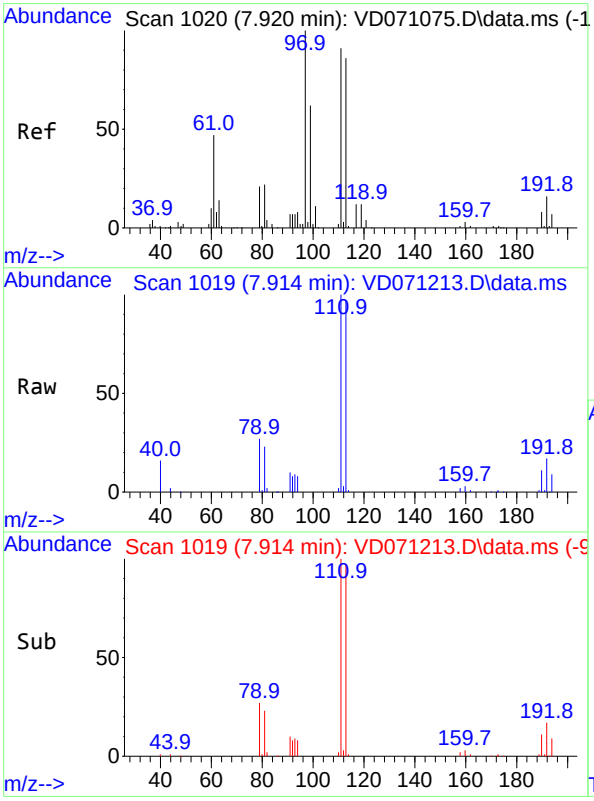
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071213.D
Acq: 08 Dec 2021 18:45

Instrument :
MSVOA_D
ClientSampleId :
RED-CONCRETE-VOC

Tgt Ion:114 Resp: 360519

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	41.8
88	17.5	0.0	32.8

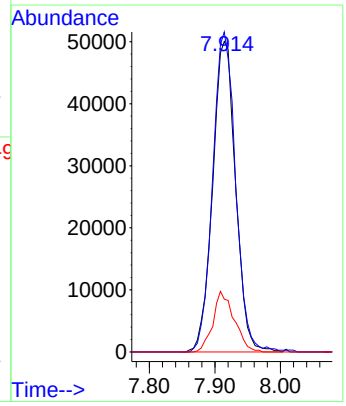


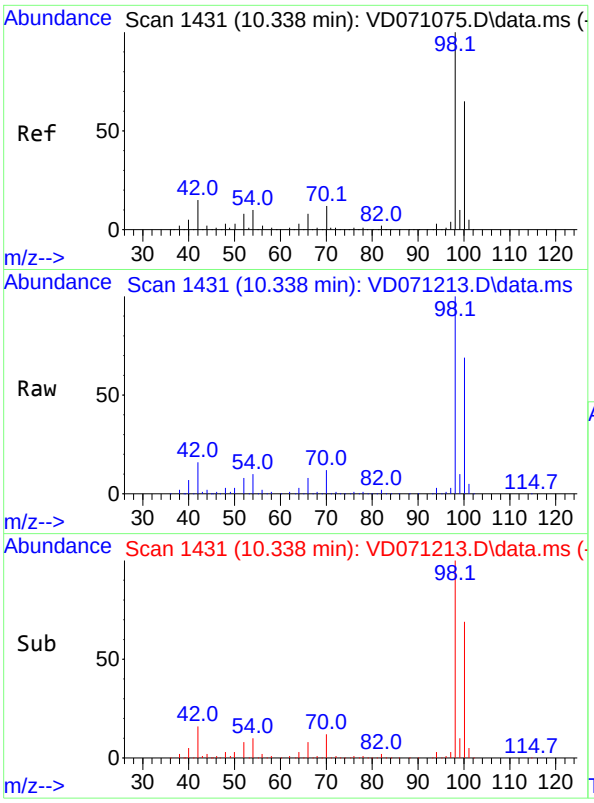


#35
Dibromofluoromethane
Concen: 53.097 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071213.D
Acq: 08 Dec 2021 18:45

Tgt Ion:113 Resp: 121898

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.0	123.0
192	18.0	15.2	22.8



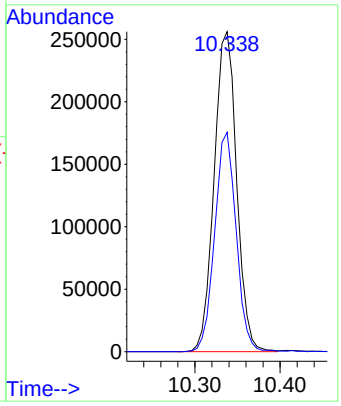


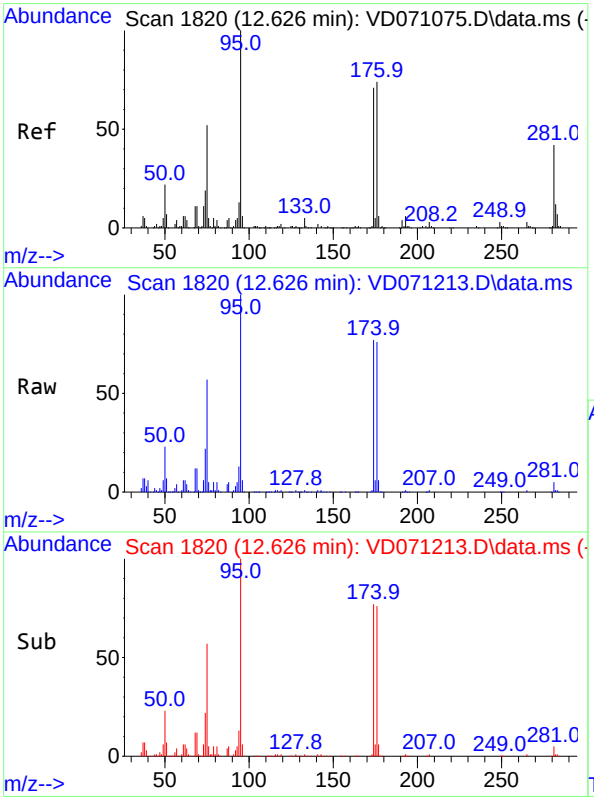
#50
Toluene-d8
Concen: 53.849 ug/l
RT: 10.338 min Scan# 14
Delta R.T. -0.000 min
Lab File: VD071213.D
Acq: 08 Dec 2021 18:45

Instrument :
MSVOA_D
ClientSampleId :
RED-CONCRETE-VOC

Tgt Ion: 98 Resp: 470450

Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.8	77.6

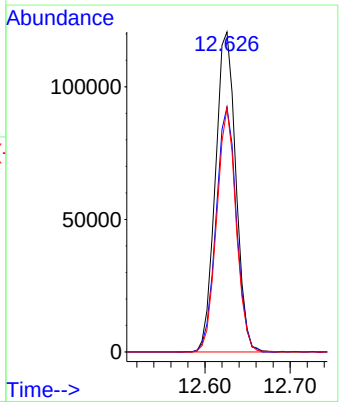


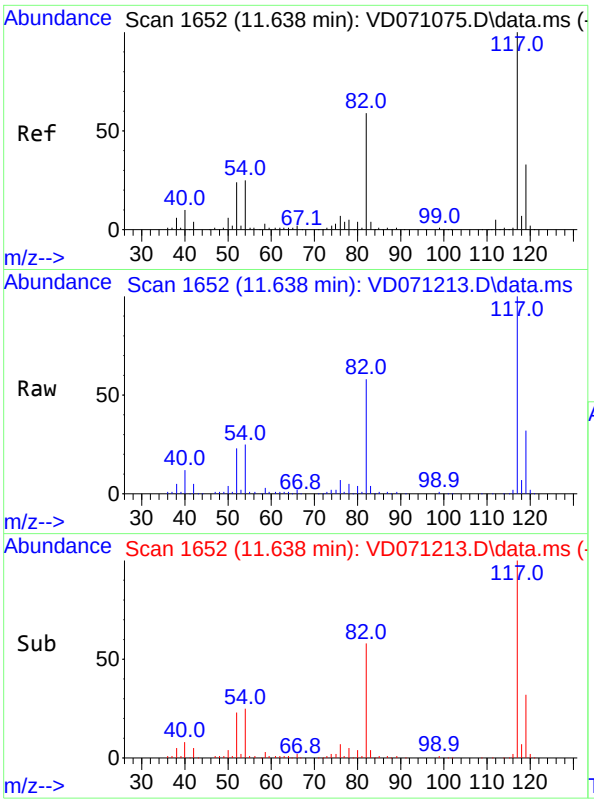


#62
4-Bromofluorobenzene
Concen: 66.568 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071213.D
Acq: 08 Dec 2021 18:45

Tgt Ion: 95 Resp: 201595

Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	159.4
176	72.2	0.0	154.0



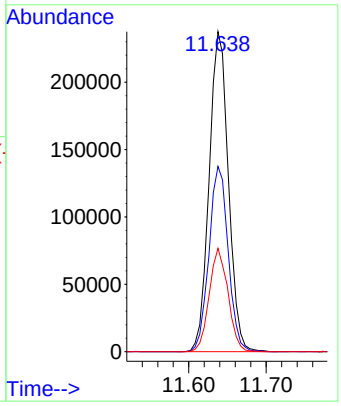


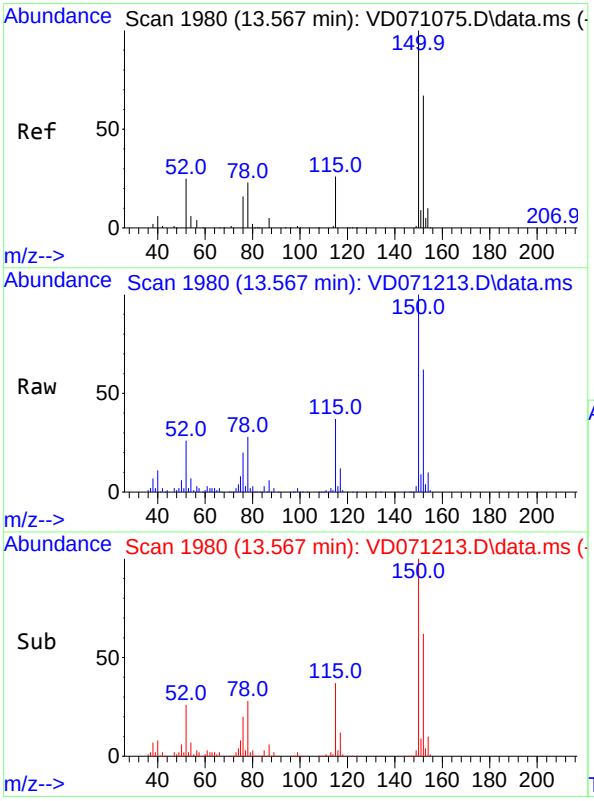
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD071213.D
Acq: 08 Dec 2021 18:45

Instrument :
MSVOA_D
ClientSampleId :
RED-CONCRETE-VOC

Tgt Ion:117 Resp: 408981

Ion	Ratio	Lower	Upper
117	100		
82	57.9	44.7	67.1
119	32.3	26.2	39.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071213.D
Acq: 08 Dec 2021 18:45

Tgt Ion:152 Resp: 203711

Ion	Ratio	Lower	Upper
152	100		
115	60.2	29.8	89.3
150	155.9	0.0	349.2