Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080321\
Data File : VD069969.D
Acq On : 03 Aug 2021 16:39
Operator : VA/SY
Sample : M3268-10
Misc : 5.40G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 20210507-93

Quant Time: Aug 04 01:33:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 04:51:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	524952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1083505	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	958784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	330422	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	358114	59.316	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.640%			
35) Dibromofluoromethane	7.914	113	361534	52.930	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.860%			
50) Toluene-d8	10.338	98	1361390	51.690	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.380%			
62) 4-Bromofluorobenzene	12.626	95	425070	48.292	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.580%			
Target Compounds						Qvalue
16) Acetone	4.156	43	120413	110.406	ug/l	93
17) Carbon Disulfide	4.409	76	77263	3.598	ug/l #	93
25) 2-Butanone	7.209	43	43576	29.462	ug/l #	89
73) Isopropylbenzene	12.473	105	31573	1.330	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	28393	1.417	ug/l	95

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

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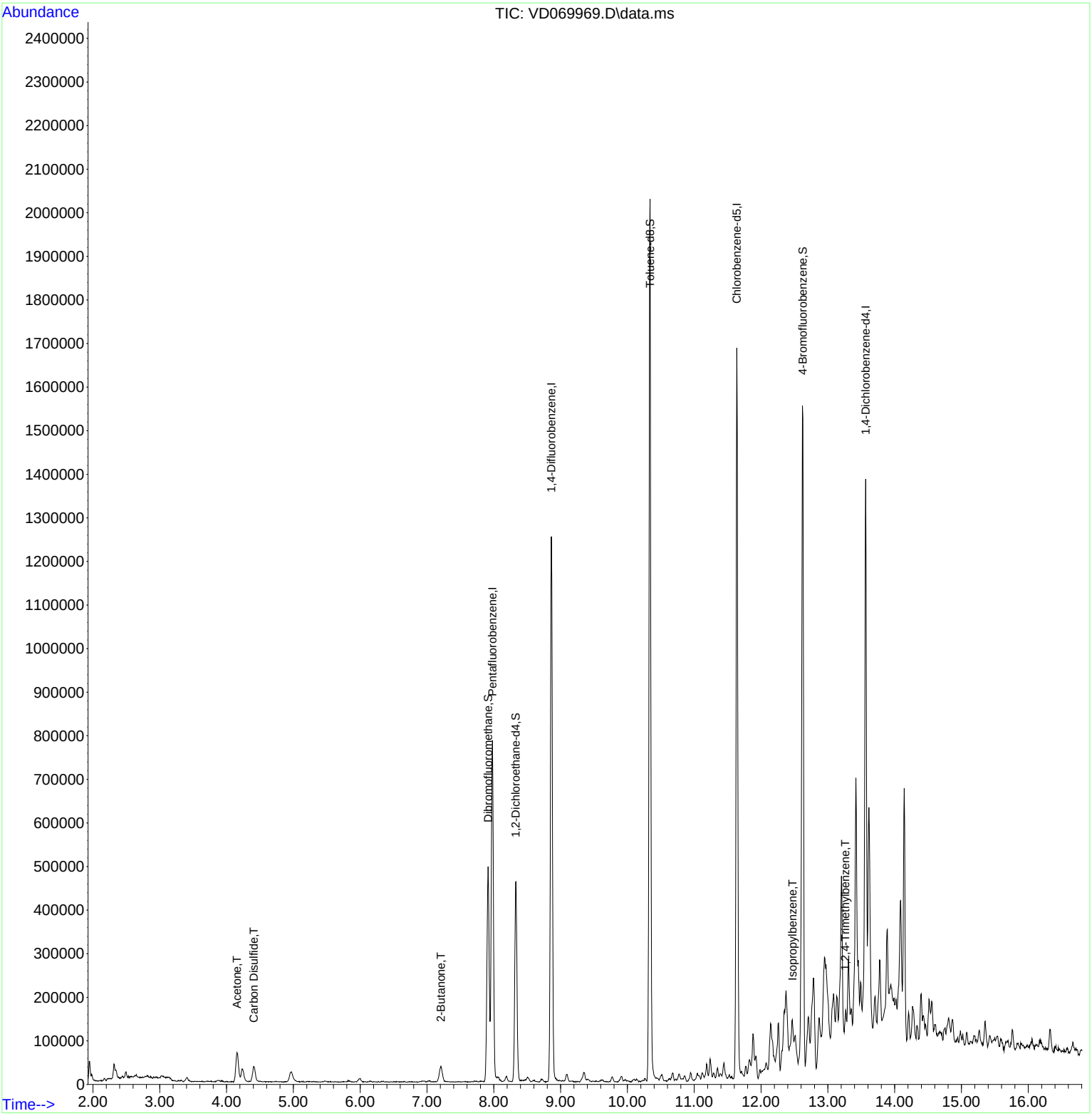
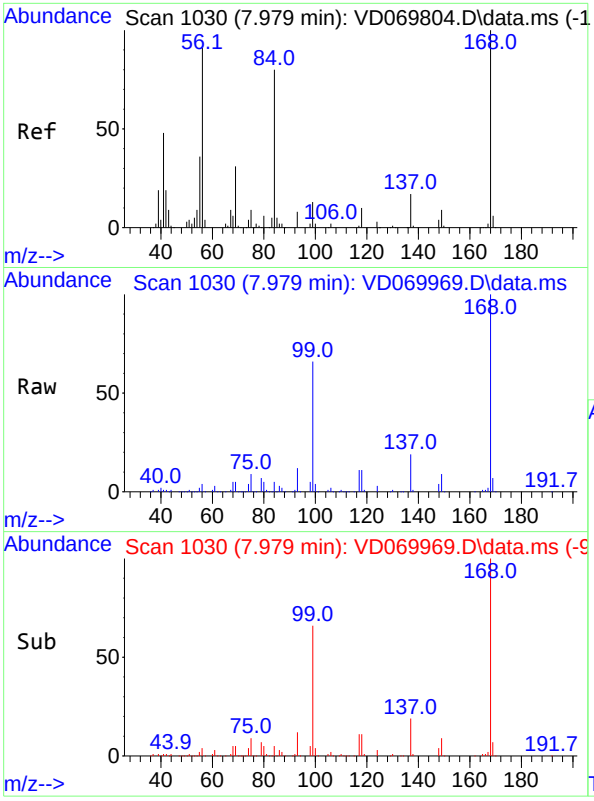


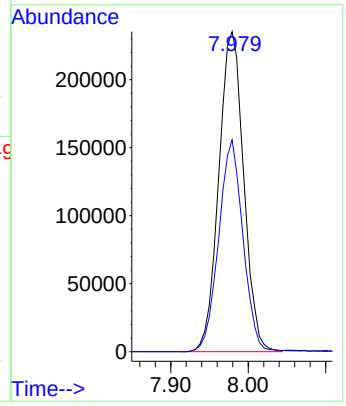
Instrument :
MSVOA_D
ClientSampleId :
20210507-93

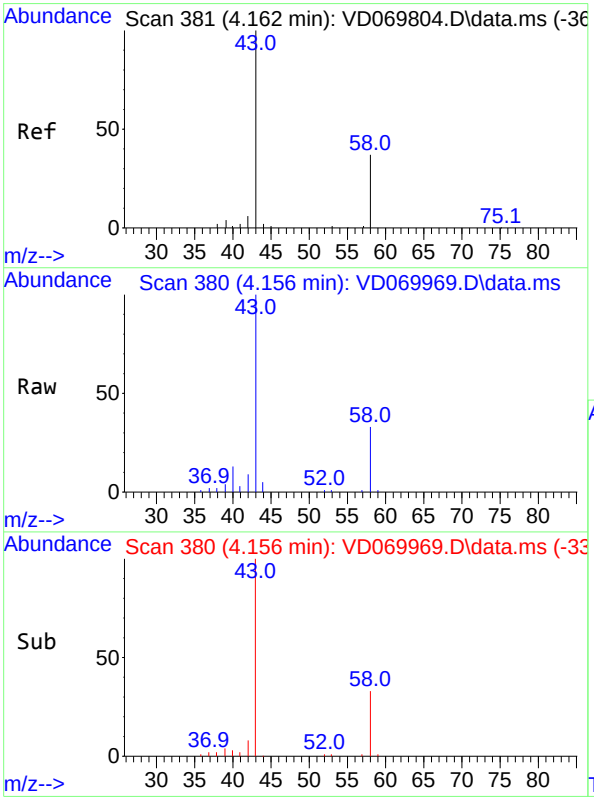


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069969.D
Acq: 03 Aug 2021 16:39

Tgt Ion:168 Resp: 524952

Ion	Ratio	Lower	Upper
168	100		
99	66.2	51.1	76.7

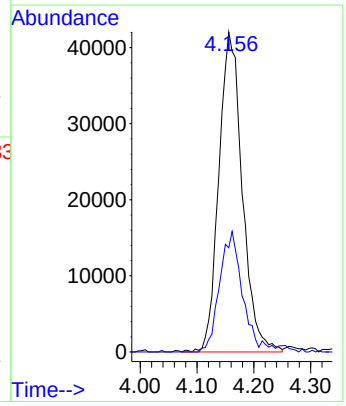




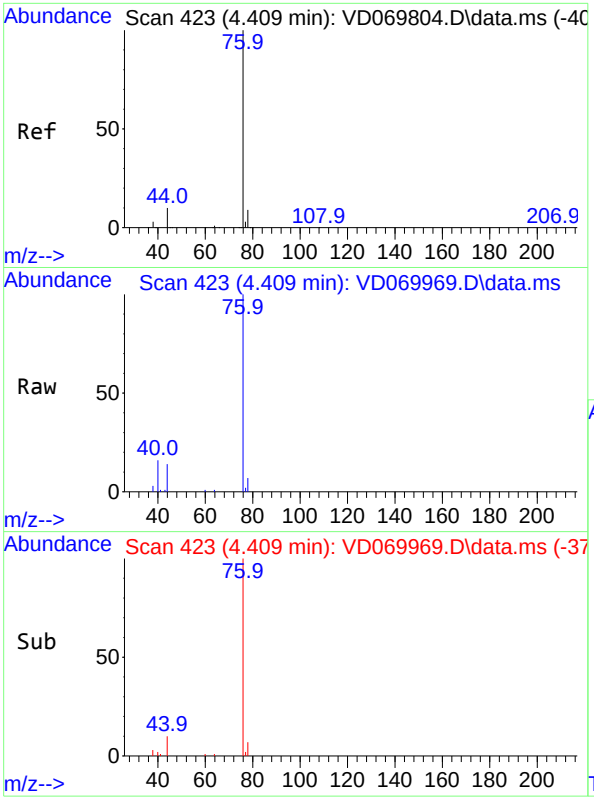
#16
Acetone
Concen: 110.406 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069969.D
Acq: 03 Aug 2021 16:39

Tgt Ion: 43 Resp: 120413

Ion	Ratio	Lower	Upper
43	100		
58	32.5	29.4	44.0



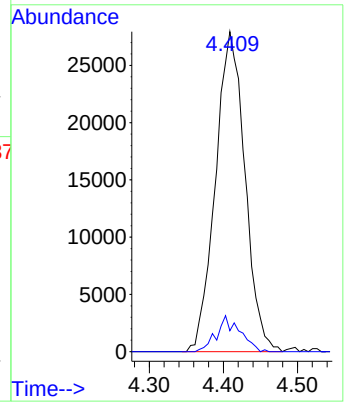
Instrument :
MSVOA_D
ClientSampleId :
20210507-93

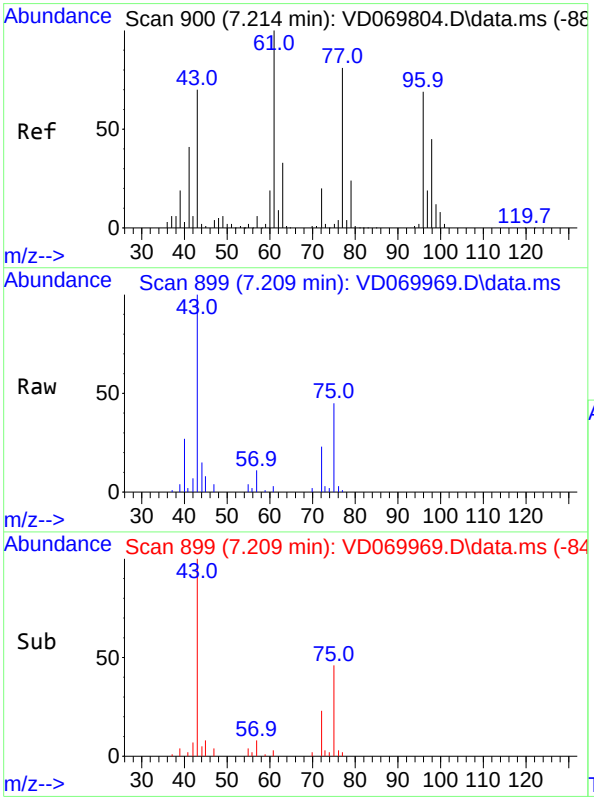


#17
Carbon Disulfide
Concen: 3.598 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069969.D
Acq: 03 Aug 2021 16:39

Tgt Ion: 76 Resp: 77263

Ion	Ratio	Lower	Upper
76	100		
78	6.6	7.3	10.9#

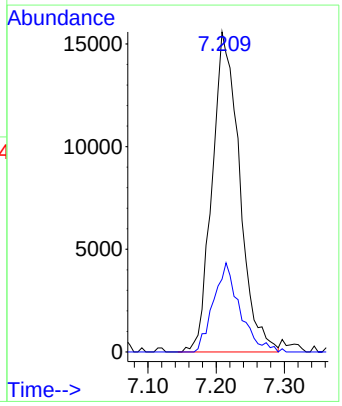




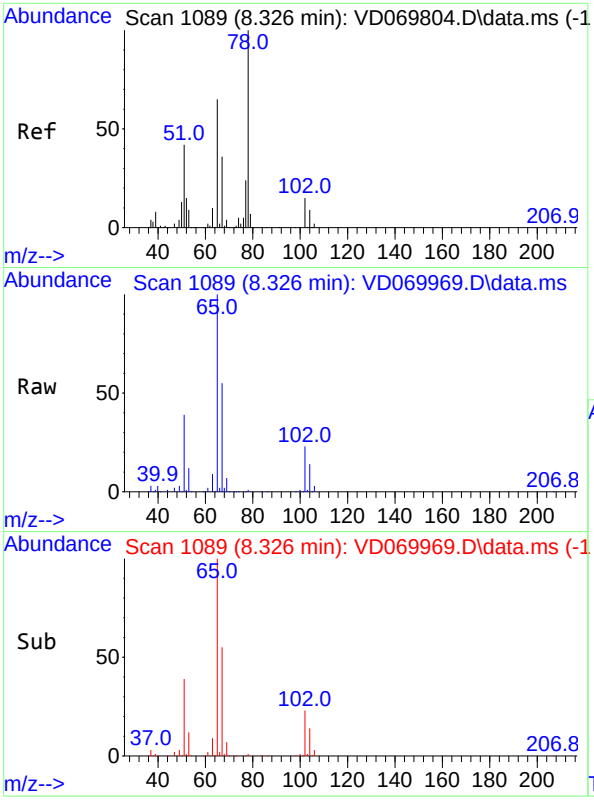
#25
2-Butanone
Concen: 29.462 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069969.D
Acq: 03 Aug 2021 16:39

Tgt Ion: 43 Resp: 43576

Ion	Ratio	Lower	Upper
43	100		
72	22.8	22.8	34.2#



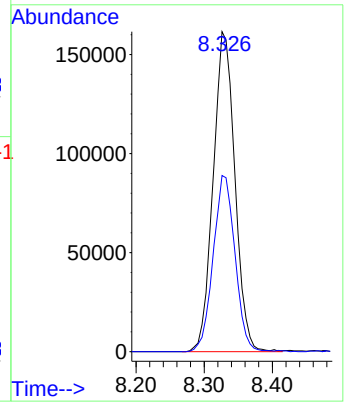
Instrument :
MSVOA_D
ClientSampleId :
20210507-93

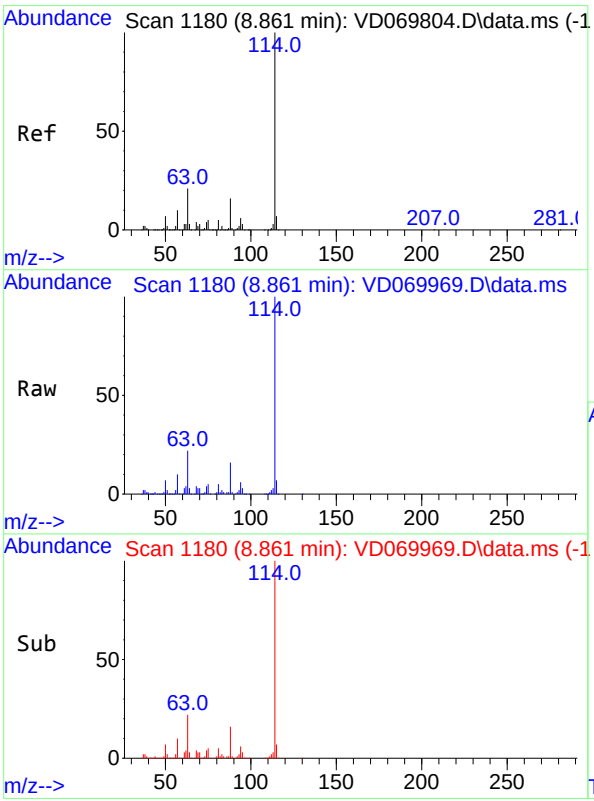


#33
1,2-Dichloroethane-d4
Concen: 59.316 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069969.D
Acq: 03 Aug 2021 16:39

Tgt Ion: 65 Resp: 358114

Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	111.2

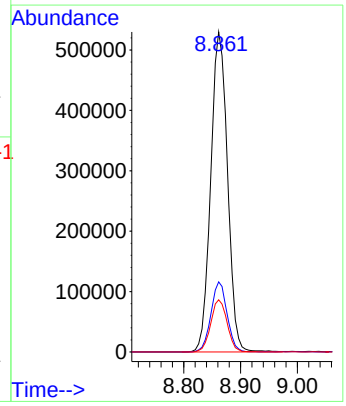




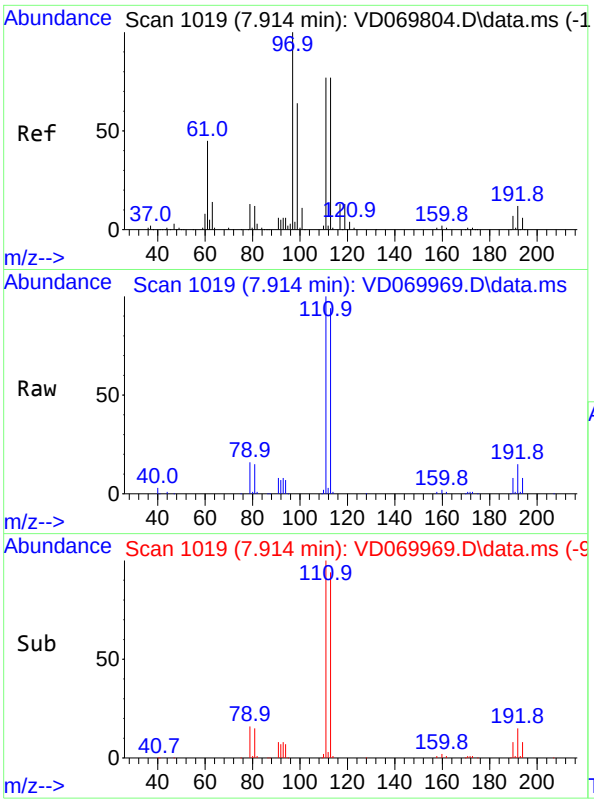
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069969.D
Acq: 03 Aug 2021 16:39

Tgt Ion:114 Resp: 1083505

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	41.6
88	16.3	0.0	31.4



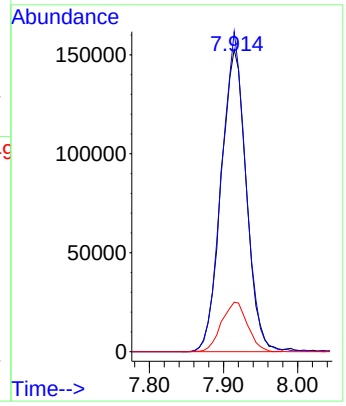
Instrument :
MSVOA_D
ClientSampleId :
20210507-93

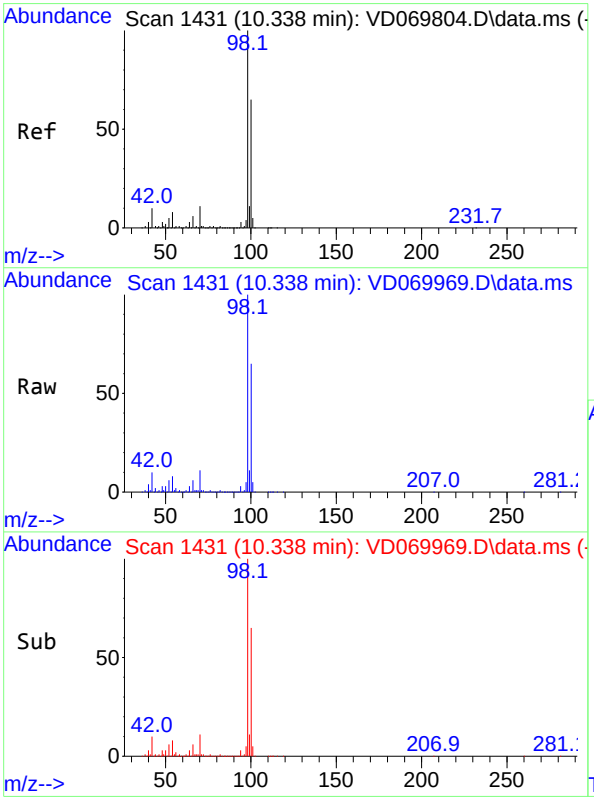


#35
Dibromofluoromethane
Concen: 52.930 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069969.D
Acq: 03 Aug 2021 16:39

Tgt Ion:113 Resp: 361534

Ion	Ratio	Lower	Upper
113	100		
111	102.2	80.5	120.7
192	16.9	12.6	19.0

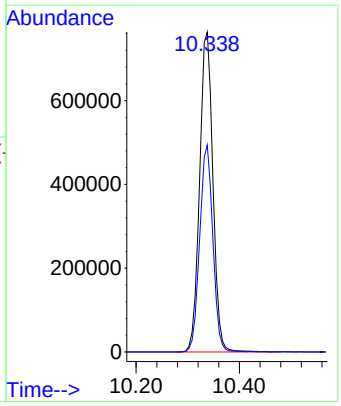




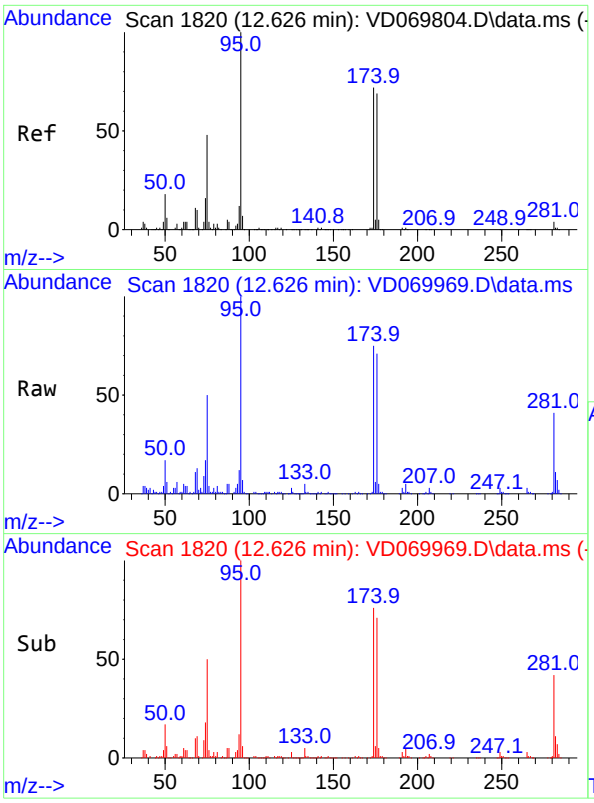
#50
Toluene-d8
Concen: 51.690 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069969.D
Acq: 03 Aug 2021 16:39

Tgt Ion: 98 Resp: 1361390

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.9	77.9



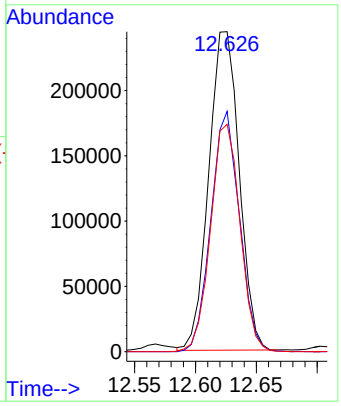
Instrument :
MSVOA_D
ClientSampleId :
20210507-93

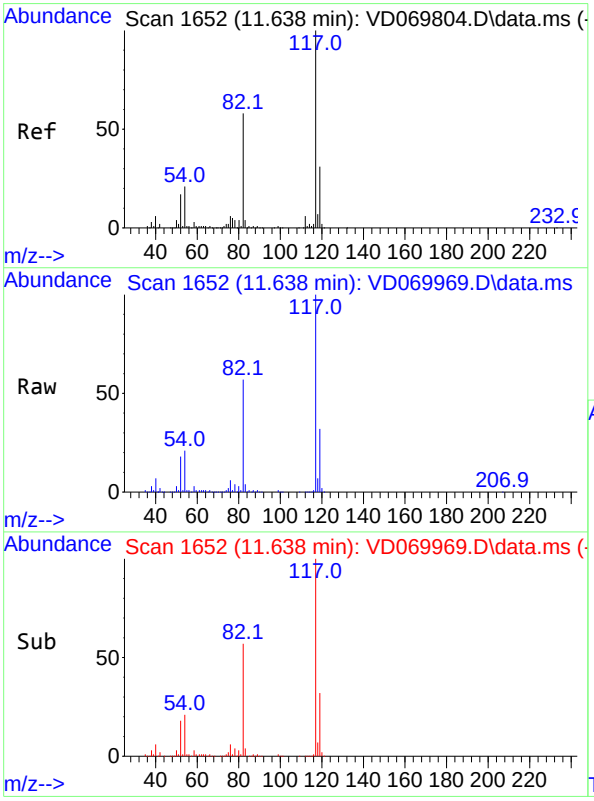


#62
4-Bromofluorobenzene
Concen: 48.292 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069969.D
Acq: 03 Aug 2021 16:39

Tgt Ion: 95 Resp: 425070

Ion	Ratio	Lower	Upper
95	100		
174	70.8	0.0	142.6
176	68.9	0.0	134.2

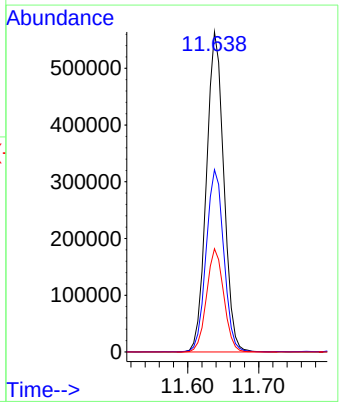




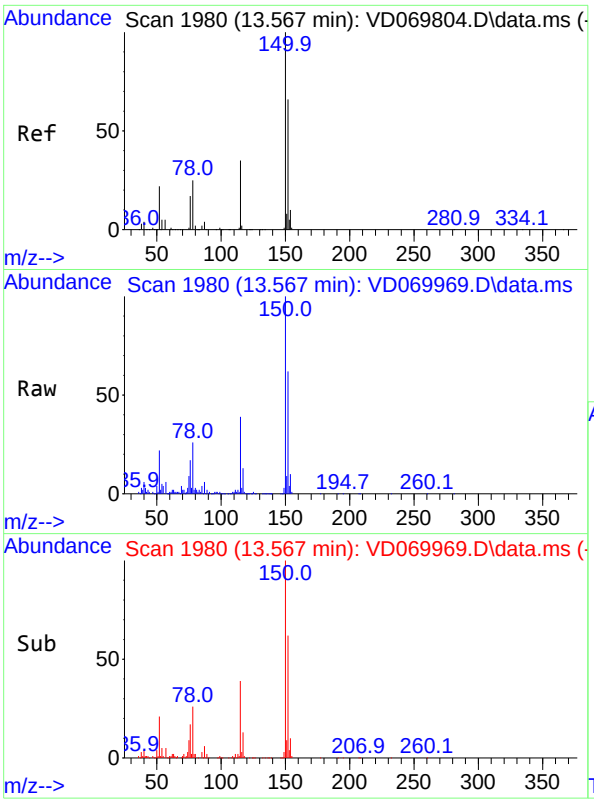
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069969.D
Acq: 03 Aug 2021 16:39

Tgt Ion:117 Resp: 958784

Ion	Ratio	Lower	Upper
117	100		
82	56.9	46.3	69.5
119	32.3	24.7	37.1



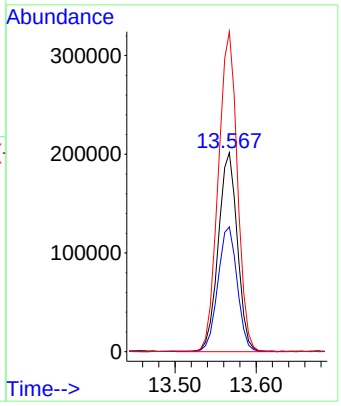
Instrument :
MSVOA_D
ClientSampleId :
20210507-93

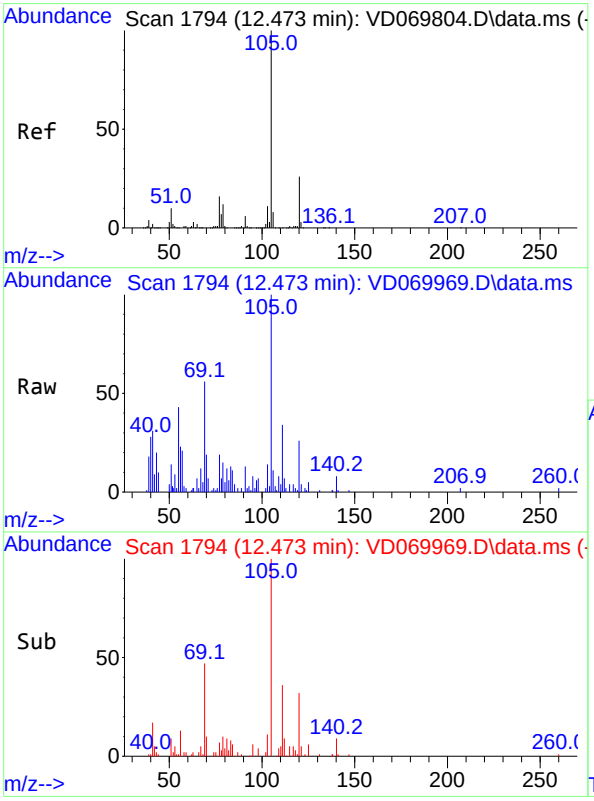


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069969.D
Acq: 03 Aug 2021 16:39

Tgt Ion:152 Resp: 330422

Ion	Ratio	Lower	Upper
152	100		
115	63.7	31.1	93.3
150	160.5	0.0	343.0

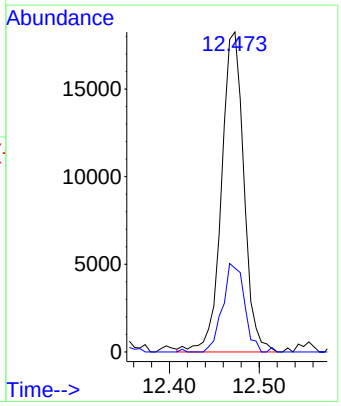


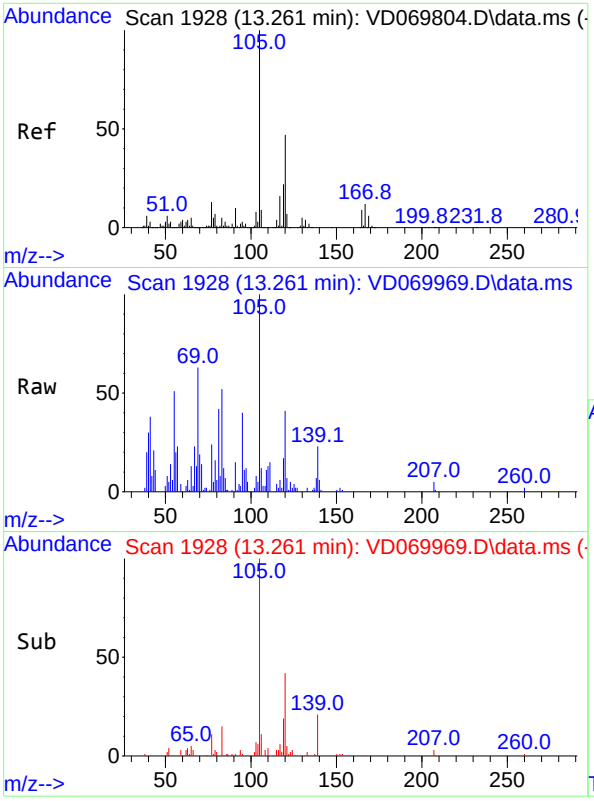


#73
Isopropylbenzene
Concen: 1.330 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD069969.D
Acq: 03 Aug 2021 16:39

Tgt Ion:105 Resp: 31573

Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.0	38.9

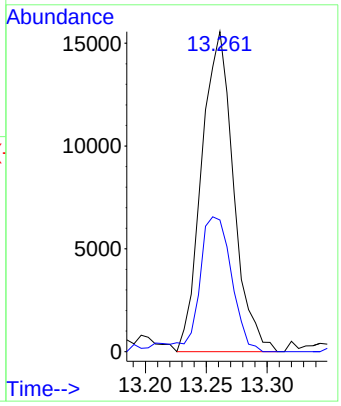




#84
1,2,4-Trimethylbenzene
Concen: 1.417 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD069969.D
Acq: 03 Aug 2021 16:39

Tgt Ion:105 Resp: 28393

Ion	Ratio	Lower	Upper
105	100		
120	41.9	22.6	67.8



Instrument :
MSVOA_D
ClientSampleId :
20210507-93