Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042122\
Data File : VD072678.D
Acq On : 21 Apr 2022 18:40
Operator : VA/SY
Sample : N2525-03
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-02-042122

Quant Time: Apr 22 03:42:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.973	168	49545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	83874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	87130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	39105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	42731	71.296	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 142.600%			
35) Dibromofluoromethane	7.914	113	35395	54.302	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.600%			
50) Toluene-d8	10.332	98	100802	44.489	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 88.980%			
62) 4-Bromofluorobenzene	12.620	95	37594	42.485	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 84.960%			
Target Compounds						Qvalue

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

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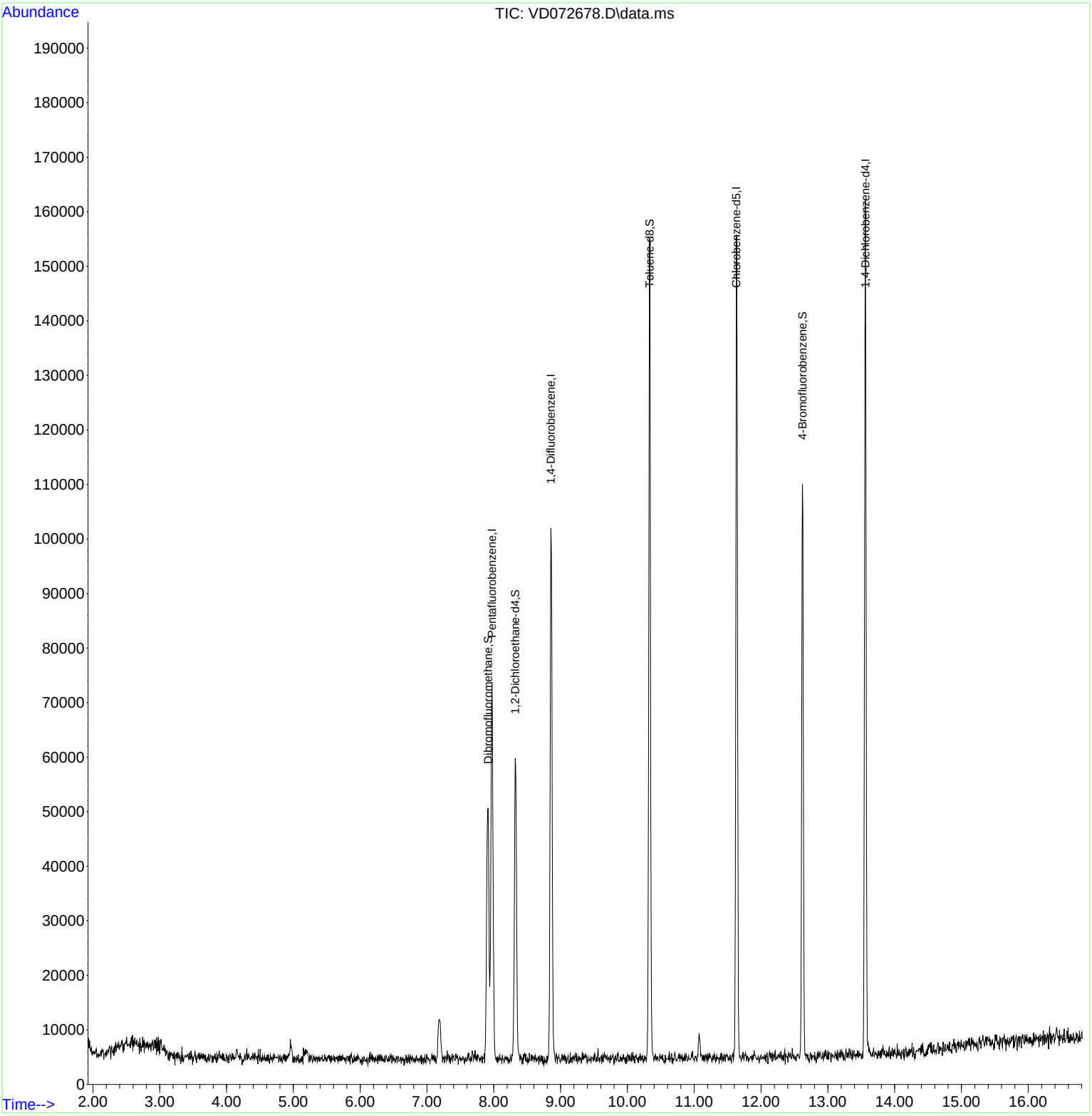
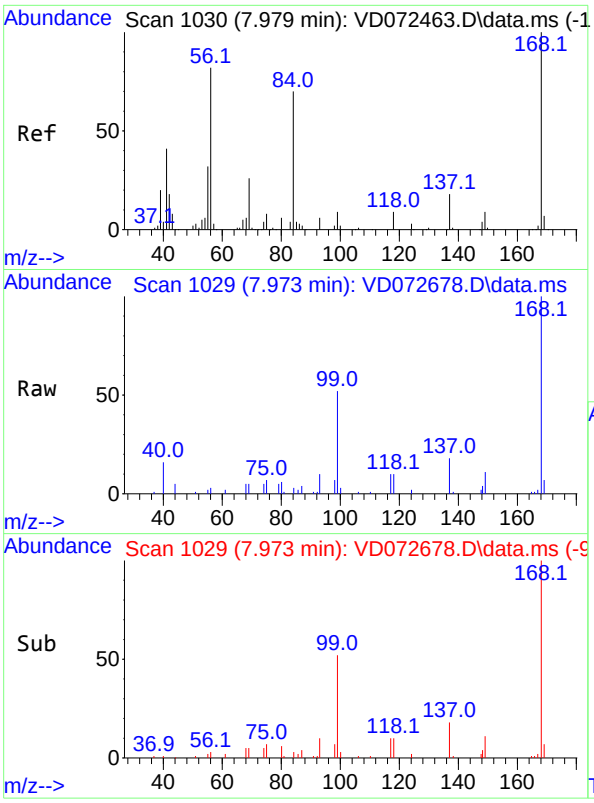


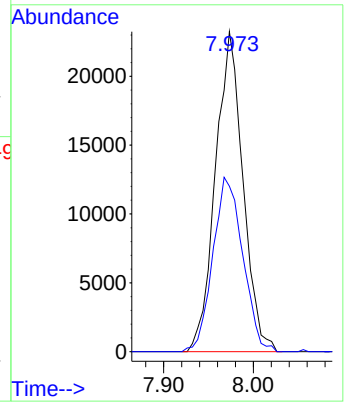


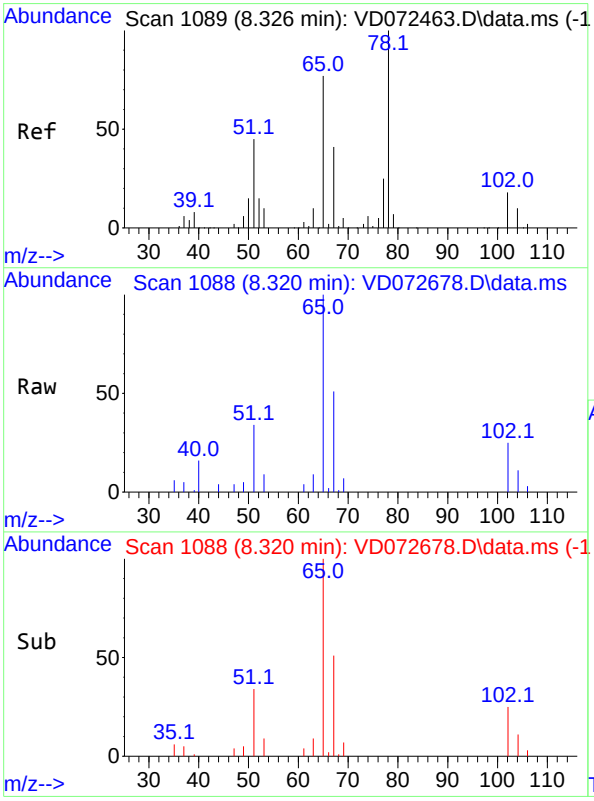
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD072678.D
Acq: 21 Apr 2022 18:40

Instrument :
MSVOA_D
ClientSampleId :
HR-02-042122

Tgt Ion:168 Resp: 49545

Ion	Ratio	Lower	Upper
168	100		
99	51.7	49.8	74.6

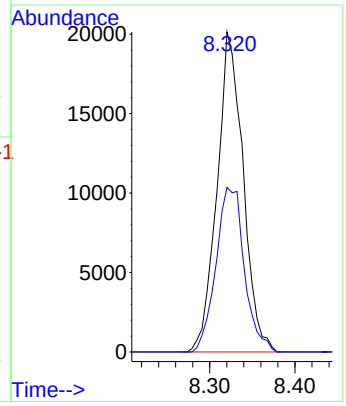


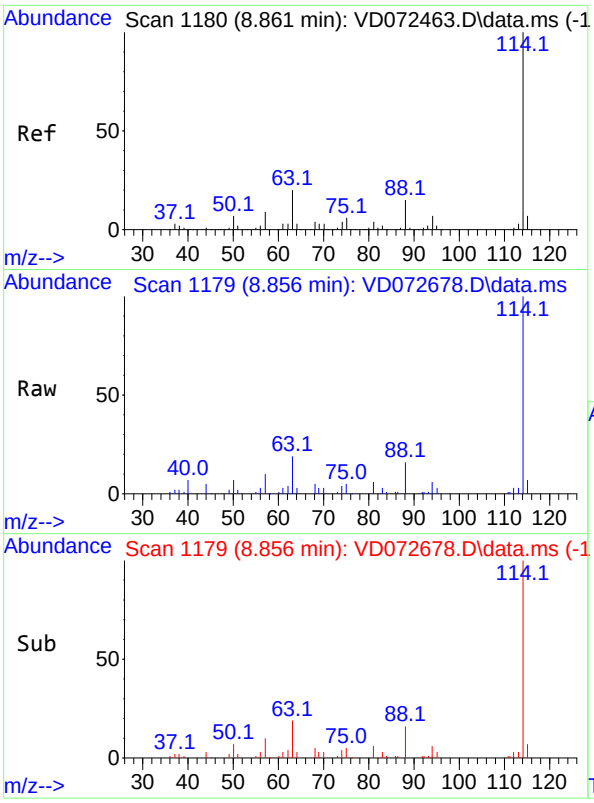


#33
1,2-Dichloroethane-d4
Concen: 71.296 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD072678.D
Acq: 21 Apr 2022 18:40

Tgt Ion: 65 Resp: 42731

Ion	Ratio	Lower	Upper
65	100		
67	56.0	0.0	101.4



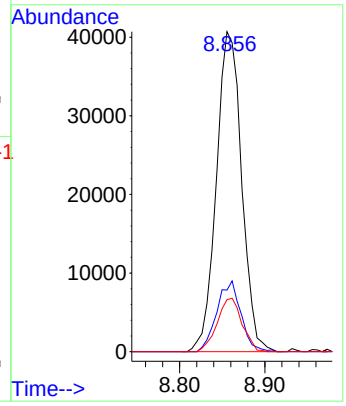


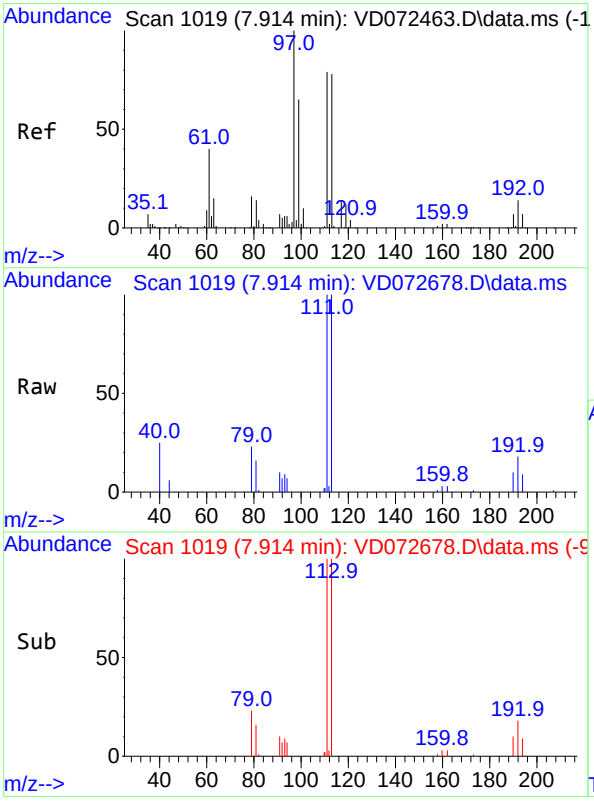
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072678.D
Acq: 21 Apr 2022 18:40

Instrument :
MSVOA_D
ClientSampleId :
HR-02-042122

Tgt Ion:114 Resp: 83874

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	46.6
88	16.2	0.0	33.2

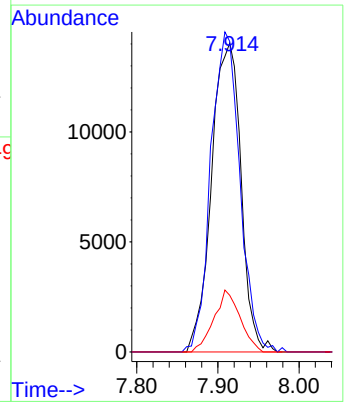


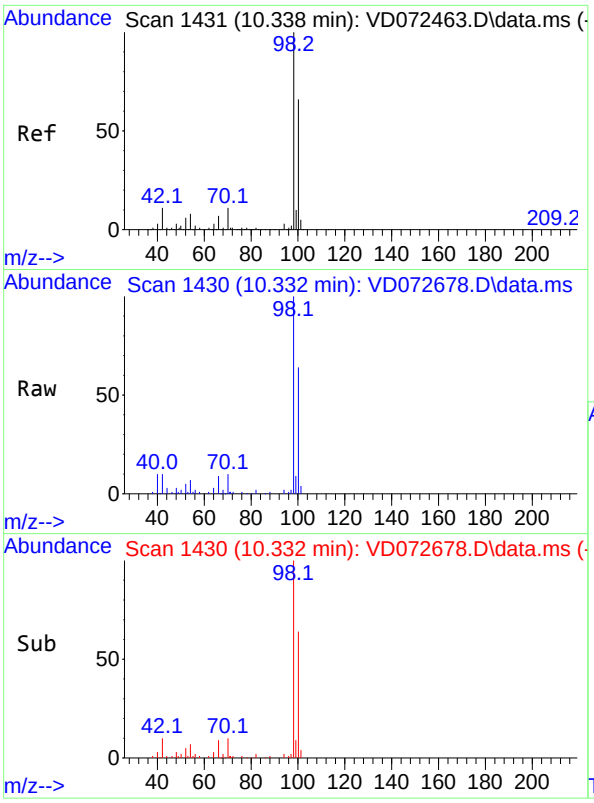


#35
Dibromofluoromethane
Concen: 54.302 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD072678.D
Acq: 21 Apr 2022 18:40

Tgt Ion:113 Resp: 35395

Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.8	125.6
192	17.8	14.6	21.8



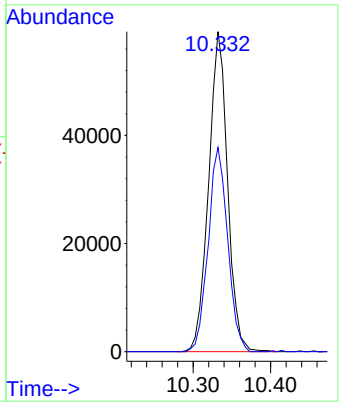


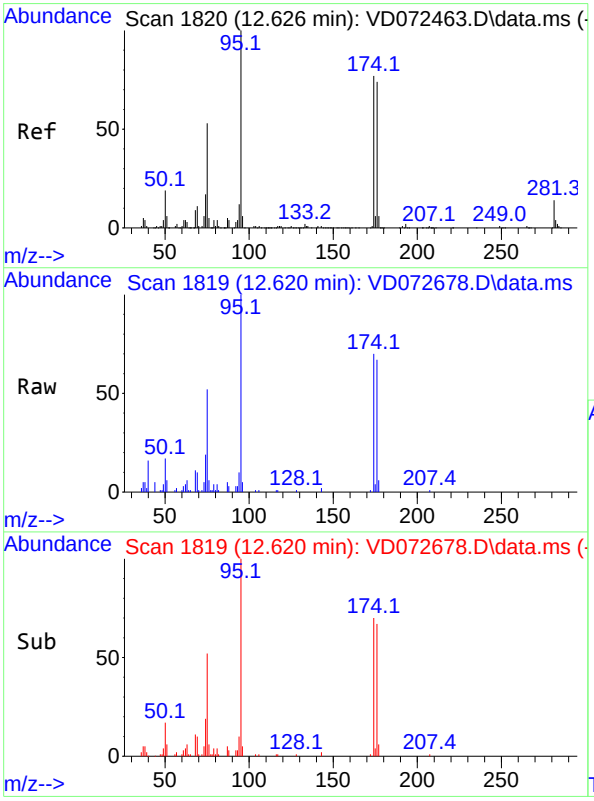
#50
Toluene-d8
Concen: 44.489 ug/l
RT: 10.332 min Scan# 14
Delta R.T. -0.006 min
Lab File: VD072678.D
Acq: 21 Apr 2022 18:40

Instrument :
MSVOA_D
ClientSampleId :
HR-02-042122

Tgt Ion: 98 Resp: 100802

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.4	78.6

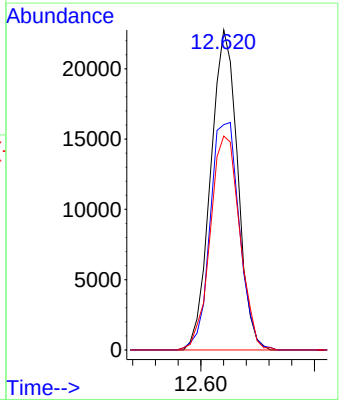


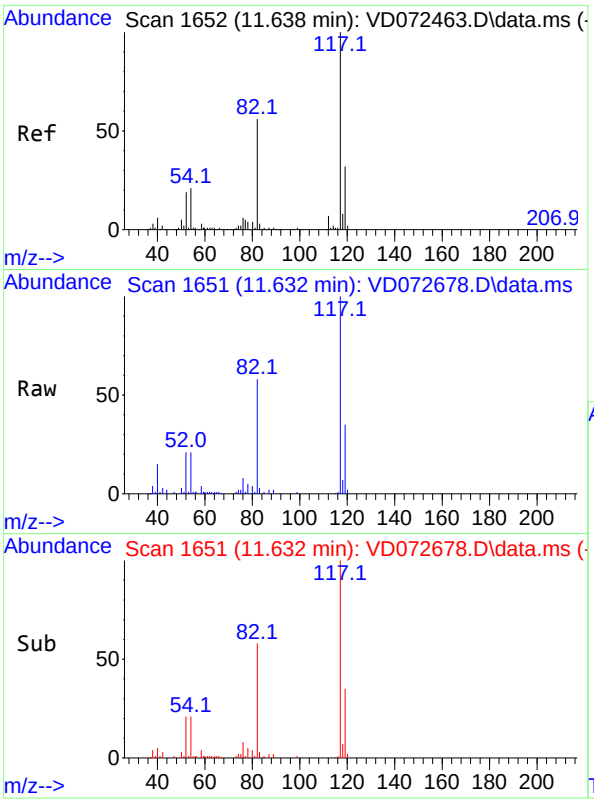


#62
4-Bromofluorobenzene
Concen: 42.485 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072678.D
Acq: 21 Apr 2022 18:40

Tgt Ion: 95 Resp: 37594

Ion	Ratio	Lower	Upper
95	100		
174	77.1	0.0	152.8
176	72.9	0.0	145.4



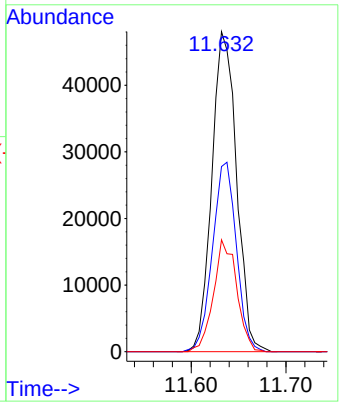


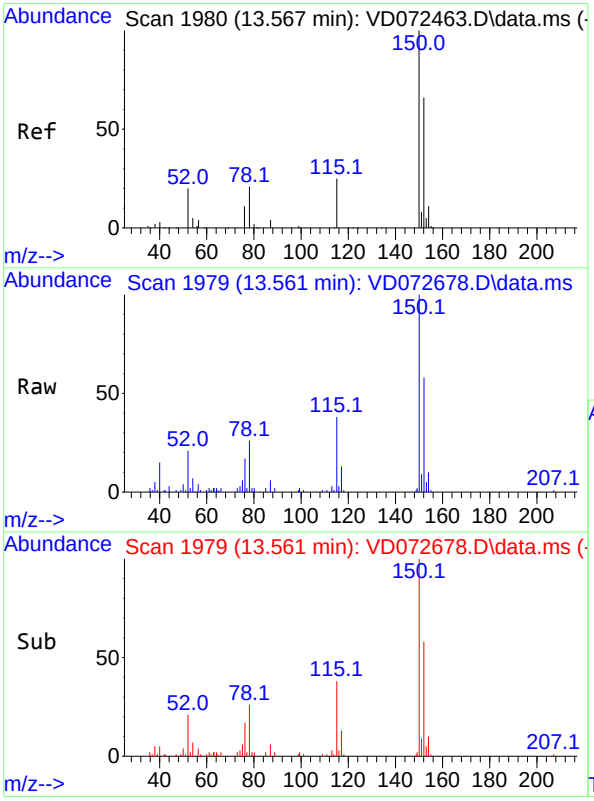
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD072678.D
Acq: 21 Apr 2022 18:40

Instrument :
MSVOA_D
ClientSampleId :
HR-02-042122

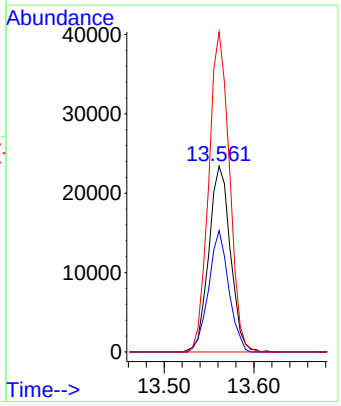
Tgt Ion:117 Resp: 87130

Ion	Ratio	Lower	Upper
117	100		
82	57.8	45.3	67.9
119	34.9	26.6	40.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072678.D
Acq: 21 Apr 2022 18:40

Tgt Ion:152 Resp: 39105

Ion	Ratio	Lower	Upper
152	100		
115	61.1	31.3	93.8
150	165.3	0.0	348.6