Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060723\
Data File : VD076357.D
Acq On : 07 Jun 2023 16:49
Operator : KP/SY
Sample : O3032-01
Misc : 5.42G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-20-0A

Quant Time: Jun 08 01:18:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 06 02:52:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	210848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	399747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	384827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	167261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	107933	57.132	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.260%			
35) Dibromofluoromethane	7.805	113	146864	57.863	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.720%			
50) Toluene-d8	10.269	98	424733	42.030	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 84.060%			
62) 4-Bromofluorobenzene	12.575	95	130660	48.857	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.720%			
Target Compounds						Qvalue
16) Acetone	4.034	43	4682	13.531	ug/l	96

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

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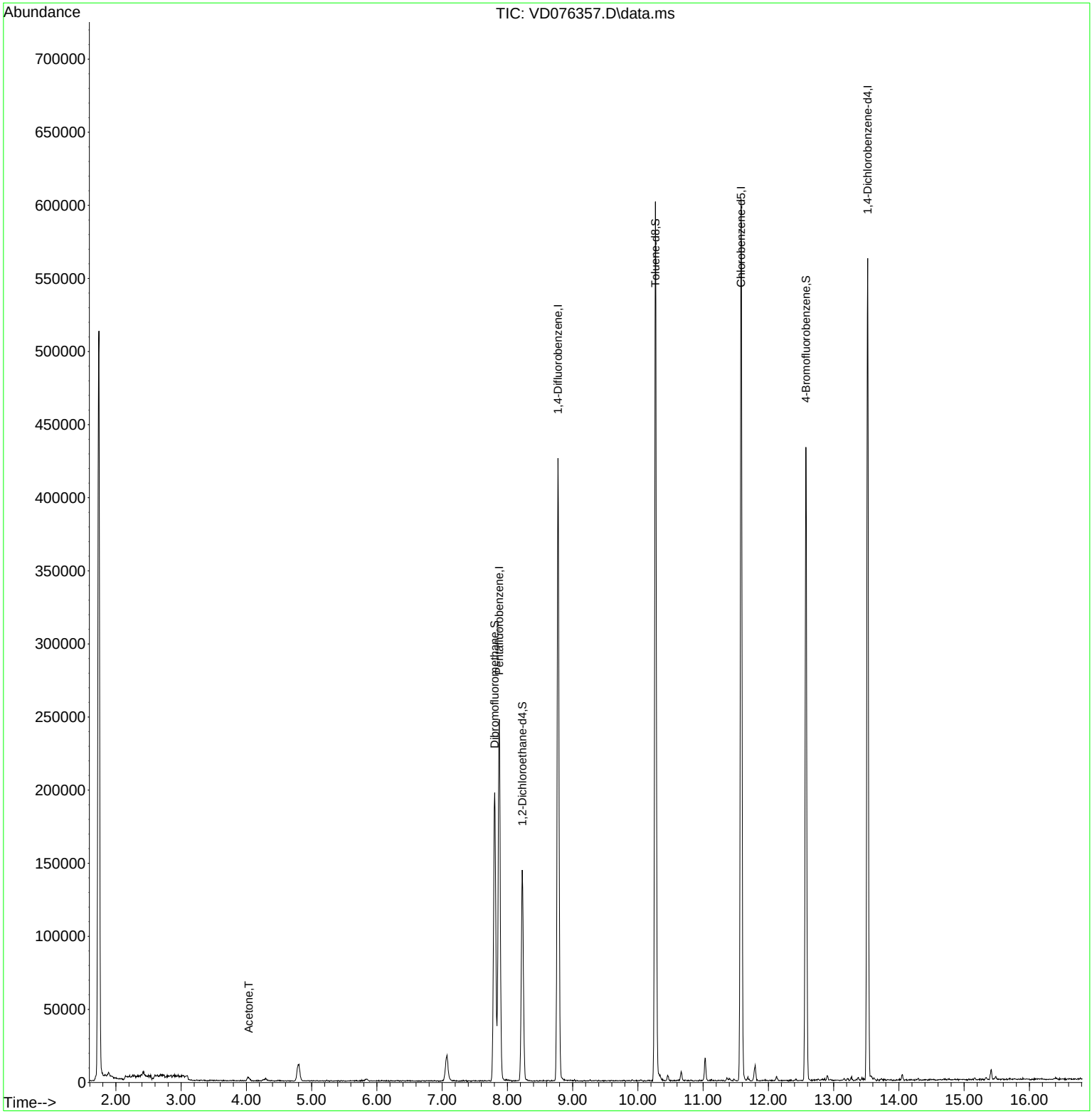
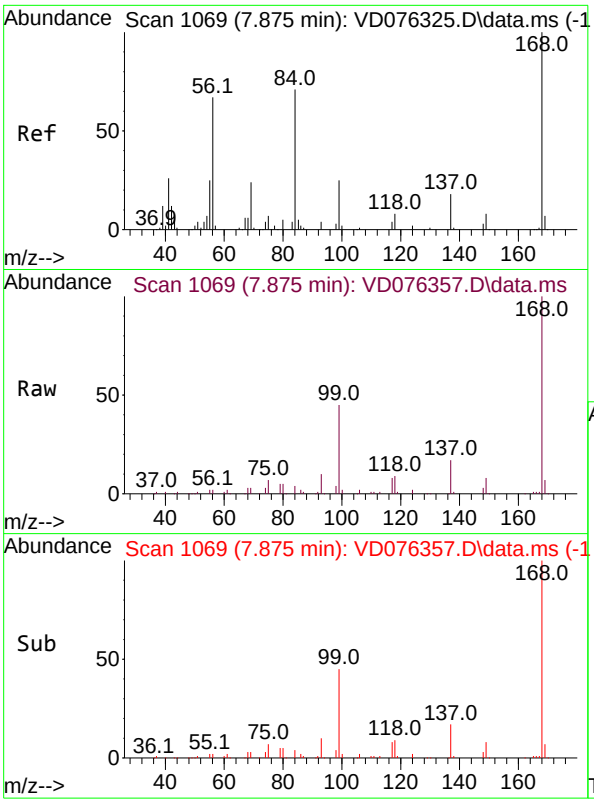


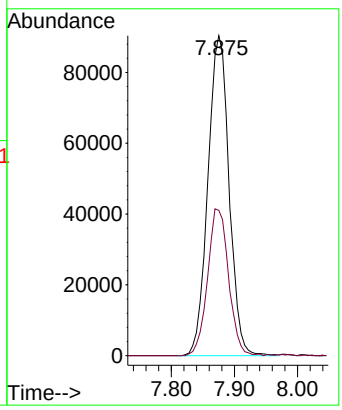


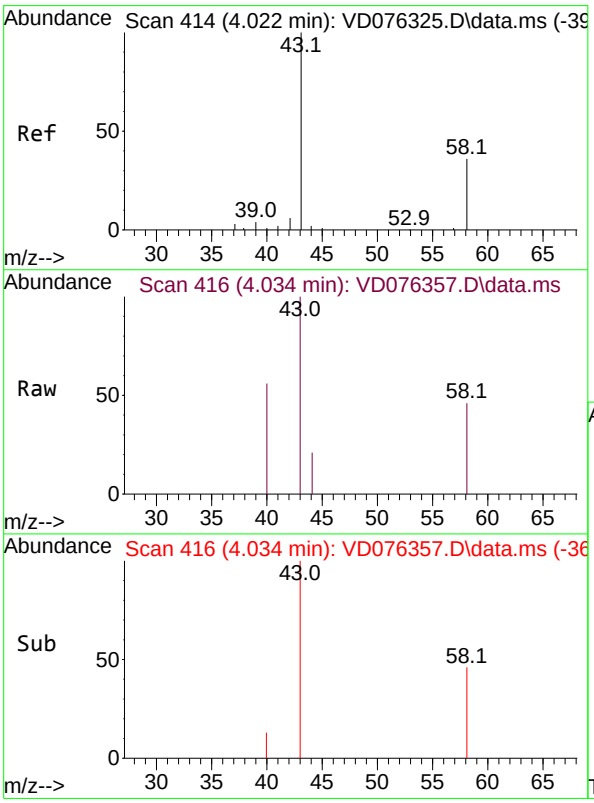
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1(
Delta R.T. 0.000 min
Lab File: VD076357.D
Acq: 07 Jun 2023 16:49

Instrument :
MSVOA_D
ClientSampleId :
TP-20-0A

Tgt Ion:168 Resp: 210848

Ion	Ratio	Lower	Upper
168	100		
99	45.4	36.7	55.1

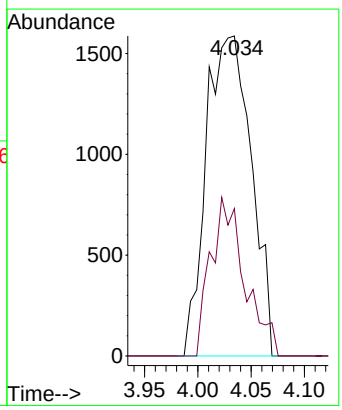


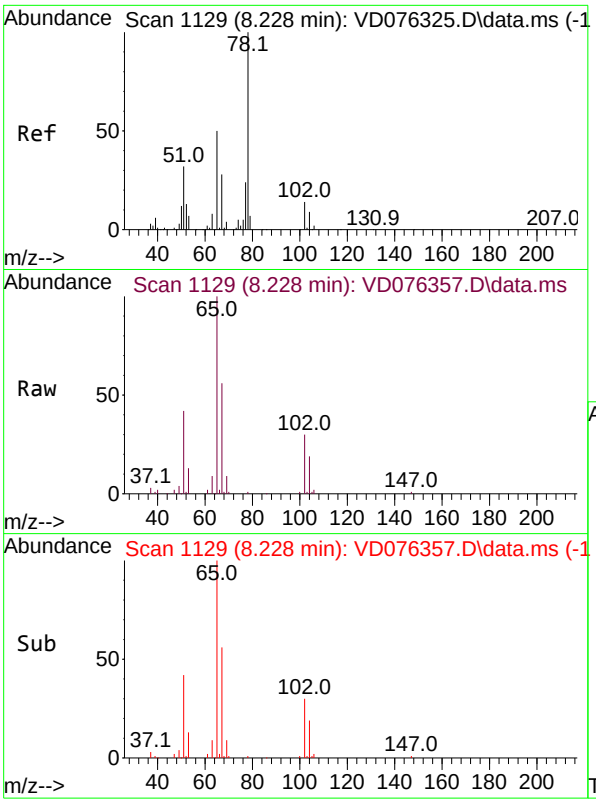


#16
Acetone
Concen: 13.531 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD076357.D
Acq: 07 Jun 2023 16:49

Tgt Ion: 43 Resp: 4682

Ion	Ratio	Lower	Upper
43	100		
58	46.1	34.7	52.1



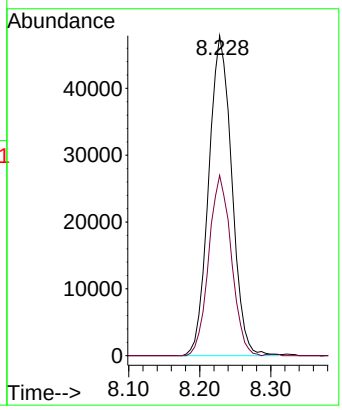


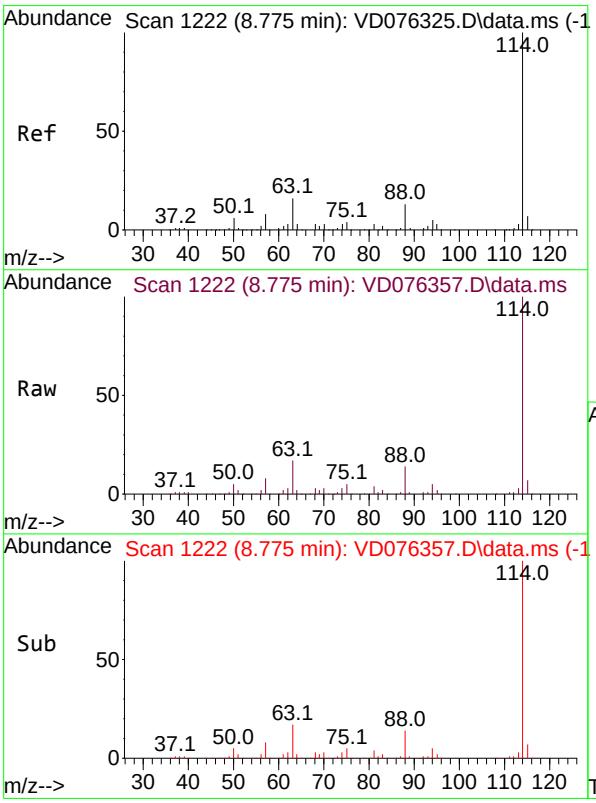
#33
1,2-Dichloroethane-d4
Concen: 57.132 ug/l
RT: 8.228 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076357.D
Acq: 07 Jun 2023 16:49

Instrument :
MSVOA_D
ClientSampleId :
TP-20-0A

Tgt Ion: 65 Resp: 107933

Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	115.0

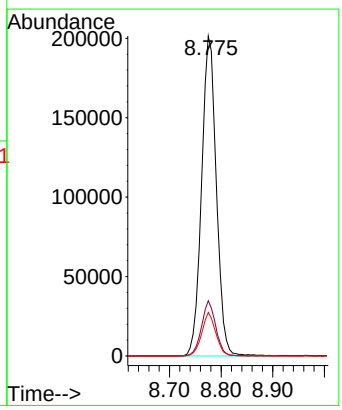


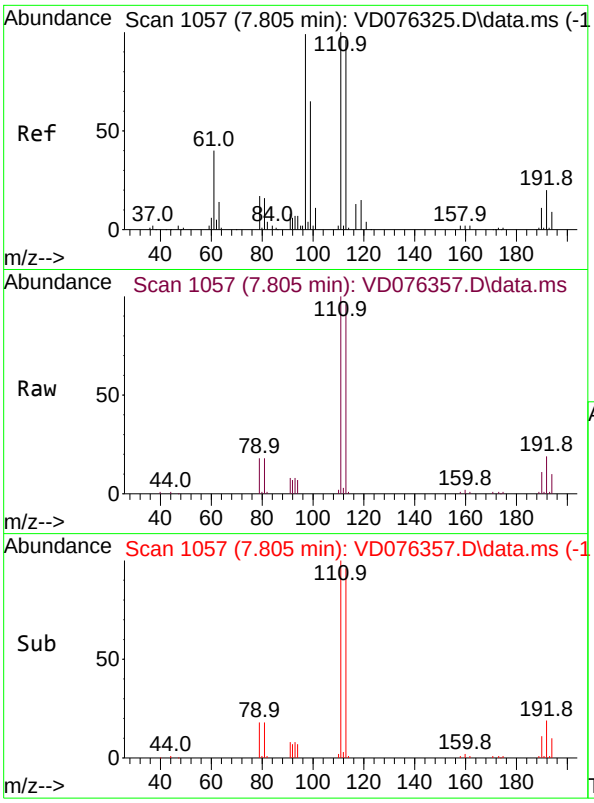


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD076357.D
Acq: 07 Jun 2023 16:49

Tgt Ion:114 Resp: 399747

Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	33.4
88	13.6	0.0	26.2



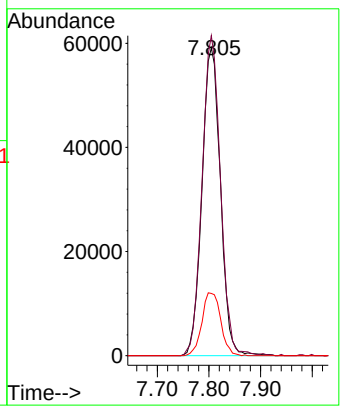


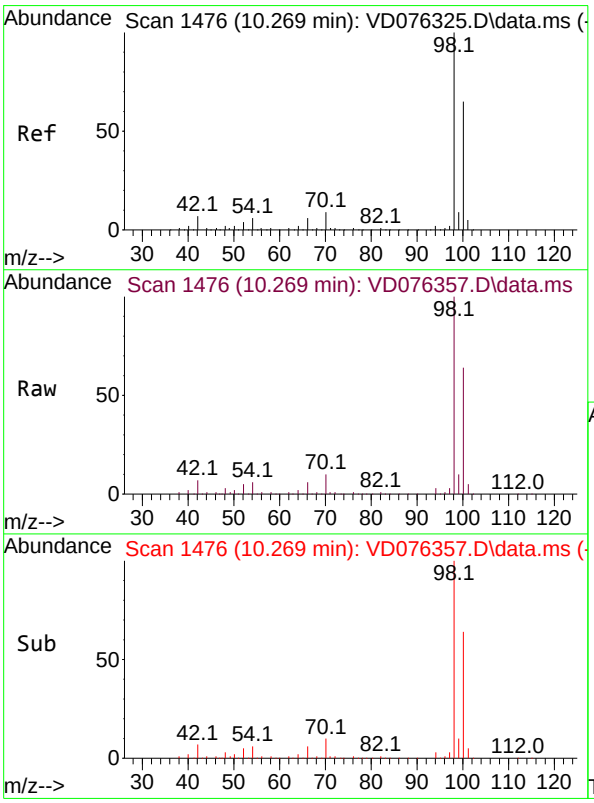
#35
Dibromofluoromethane
Concen: 57.863 ug/l
RT: 7.805 min Scan# 1(
Delta R.T. -0.000 min
Lab File: VD076357.D
Acq: 07 Jun 2023 16:49

Instrument :
MSVOA_D
ClientSampleId :
TP-20-0A

Tgt Ion:113 Resp: 146864

Ion	Ratio	Lower	Upper
113	100		
111	103.3	84.7	127.1
192	20.8	16.8	25.2

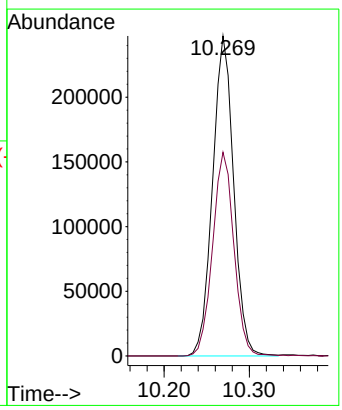


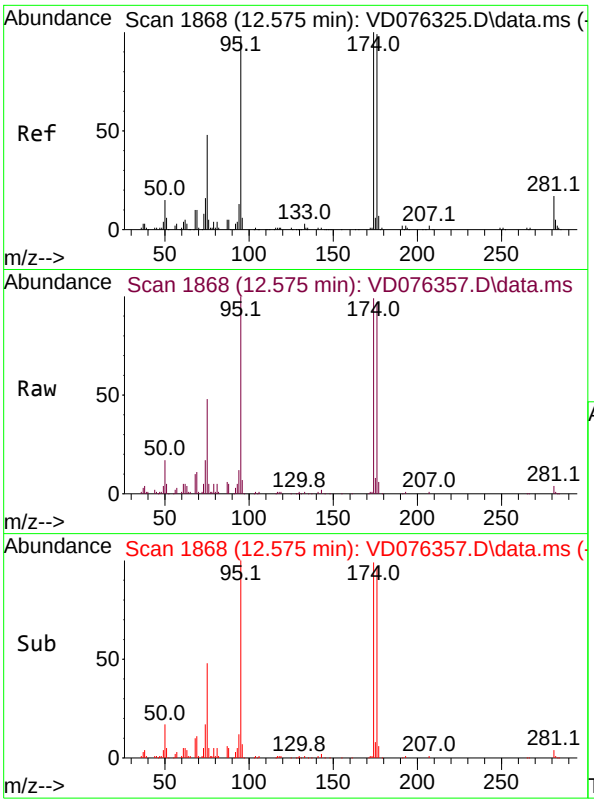


#50
Toluene-d8
Concen: 42.030 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076357.D
Acq: 07 Jun 2023 16:49

Tgt Ion: 98 Resp: 424733

Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.3	75.5



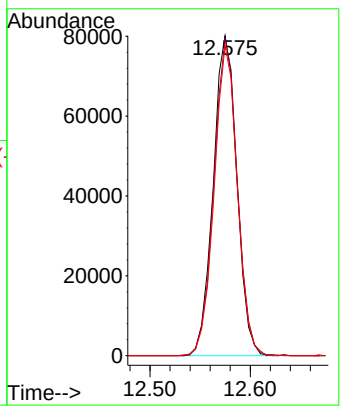


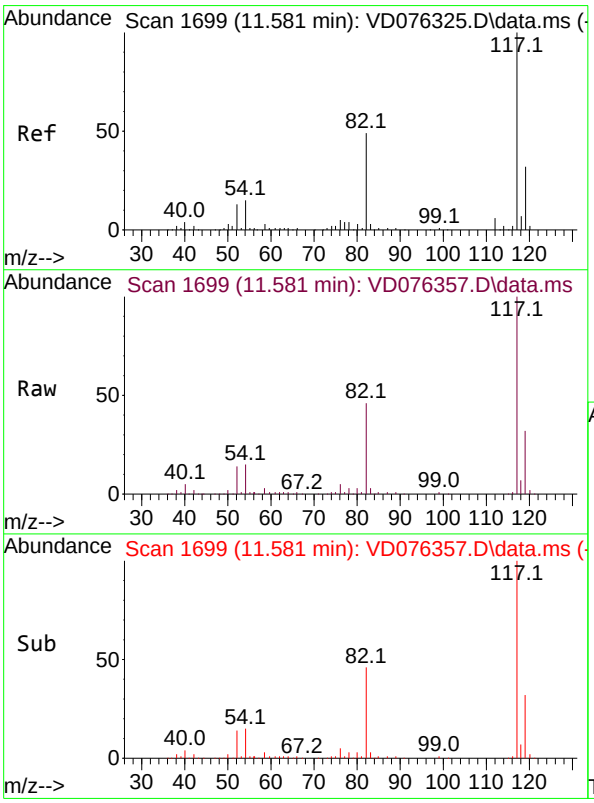
#62
4-Bromofluorobenzene
Concen: 48.857 ug/l
RT: 12.575 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076357.D
Acq: 07 Jun 2023 16:49

Instrument :
MSVOA_D
ClientSampleId :
TP-20-0A

Tgt Ion: 95 Resp: 130660

Ion	Ratio	Lower	Upper
95	100		
174	98.5	0.0	201.8
176	95.0	0.0	191.8

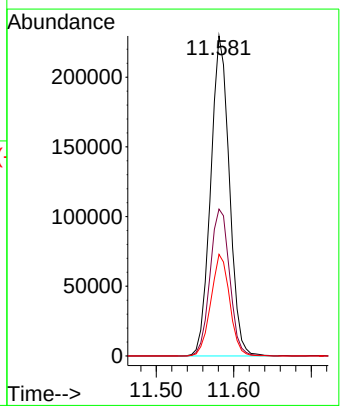


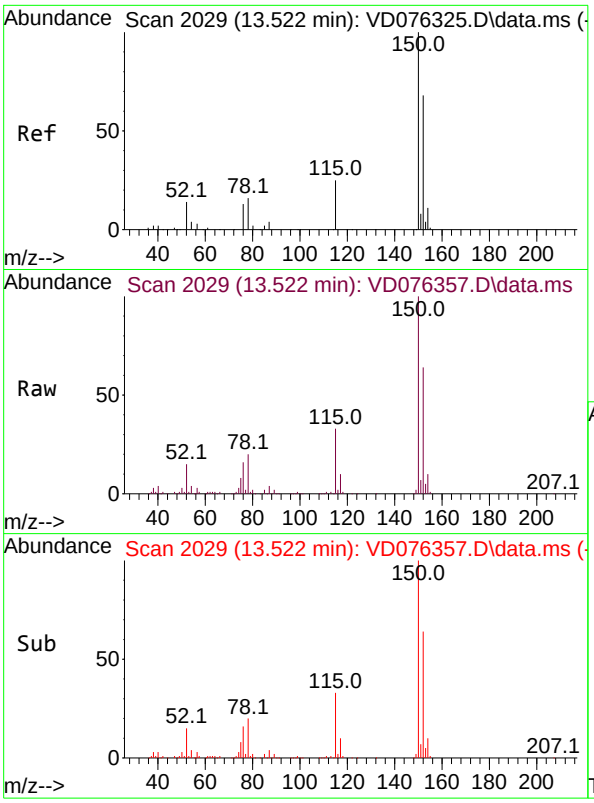


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076357.D
Acq: 07 Jun 2023 16:49

Tgt Ion:117 Resp: 384827

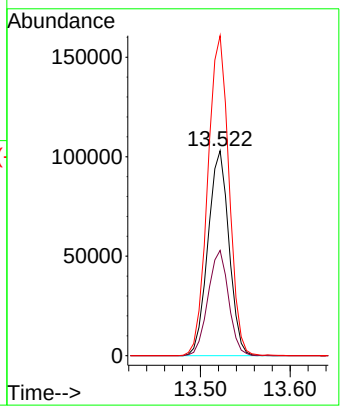
Ion	Ratio	Lower	Upper
117	100		
82	45.9	38.3	57.5
119	31.8	25.0	37.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2(
Delta R.T. -0.000 min
Lab File: VD076357.D
Acq: 07 Jun 2023 16:49

Instrument :
MSVOA_D
ClientSampleId :
TP-20-0A

Tgt Ion:152 Resp: 167261

Ion	Ratio	Lower	Upper
152	100		
115	50.3	27.1	81.3
150	157.7	0.0	353.6