Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110322\
Data File : VD074714.D
Acq On : 03 Nov 2022 14:41
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Quant Time: Nov 04 00:02:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 03 02:30:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	142426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	244018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	191328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	81796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	59799	53.011	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.020%			
35) Dibromofluoromethane	7.804	113	74927	51.908	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.820%			
50) Toluene-d8	10.269	98	266659	50.644	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.280%			
62) 4-Bromofluorobenzene	12.575	95	70066	46.088	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.180%			
Target Compounds						Qvalue

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

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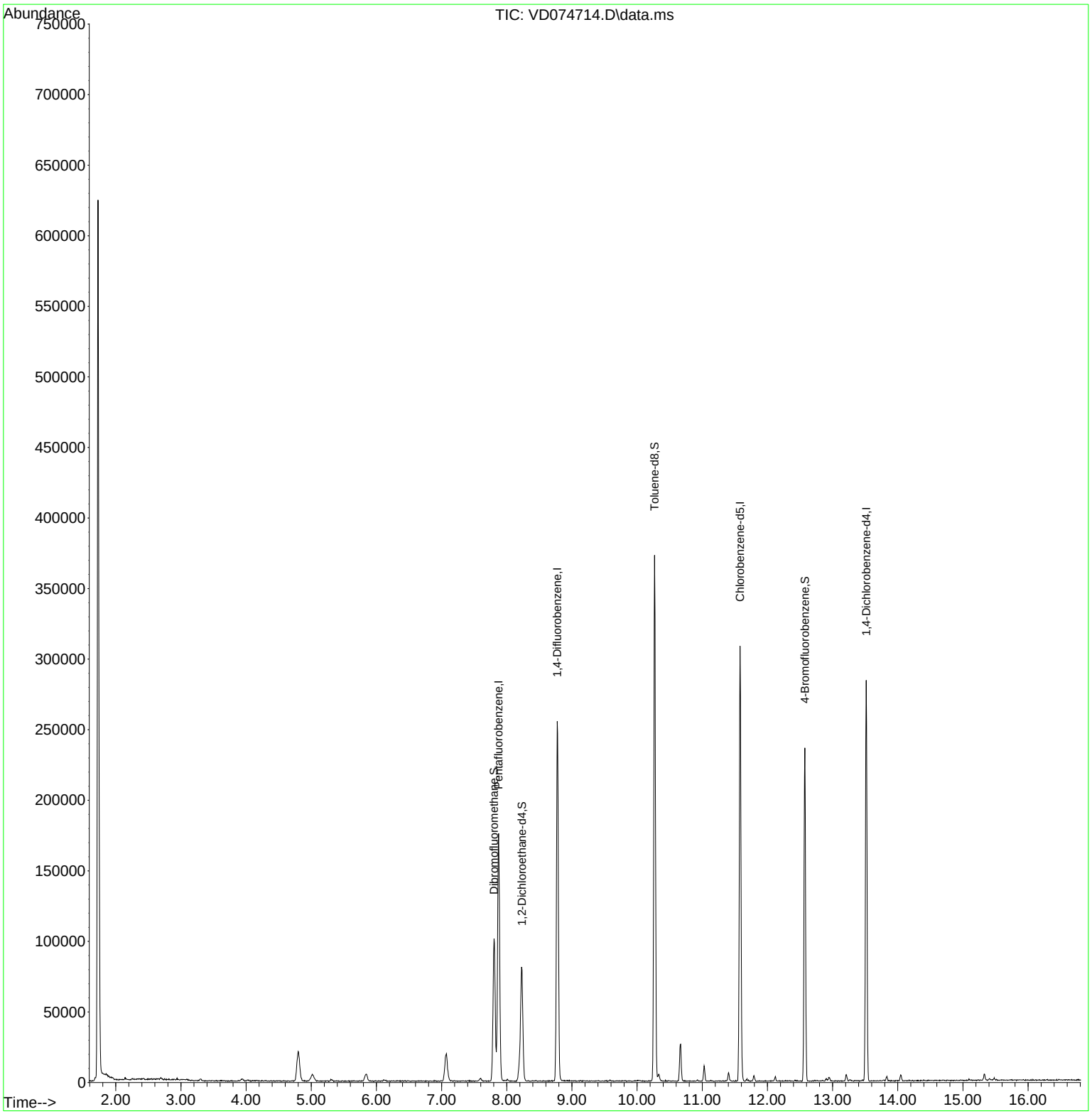
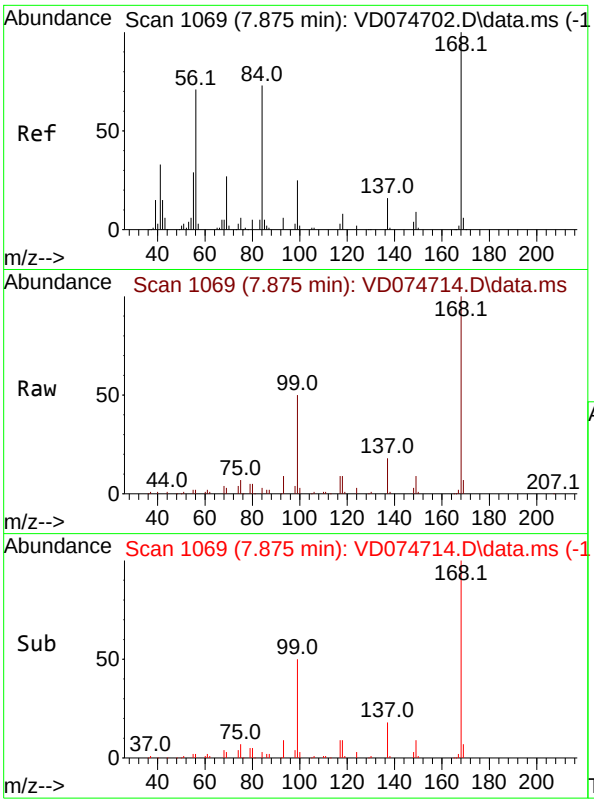


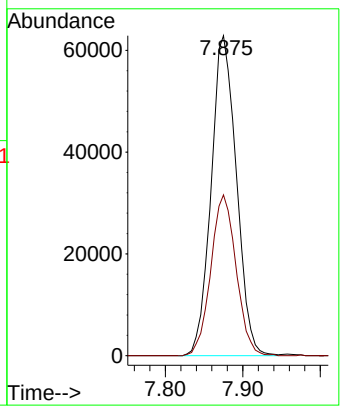


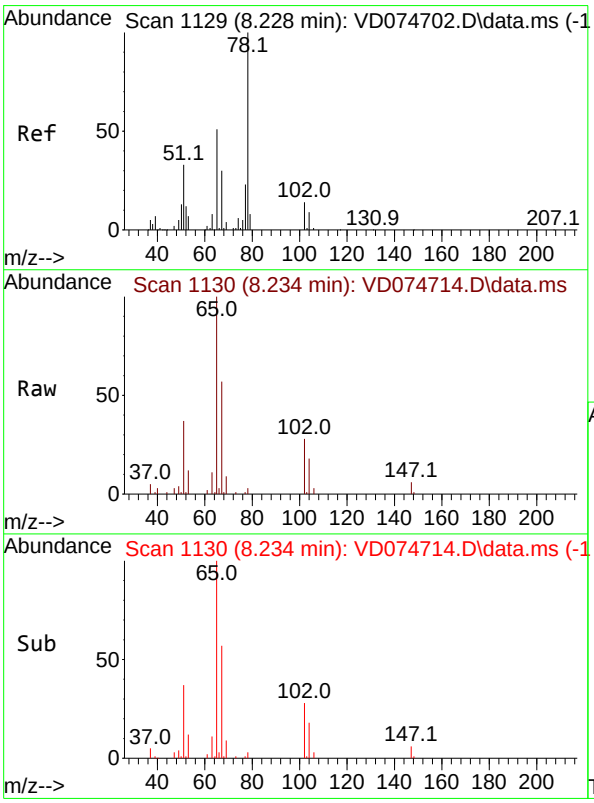
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD074714.D
Acq: 03 Nov 2022 14:41

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 142426

Ion	Ratio	Lower	Upper
168	100		
99	50.2	40.9	61.3

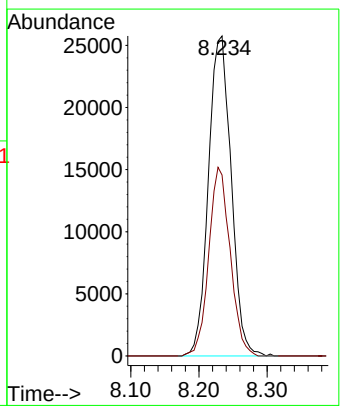


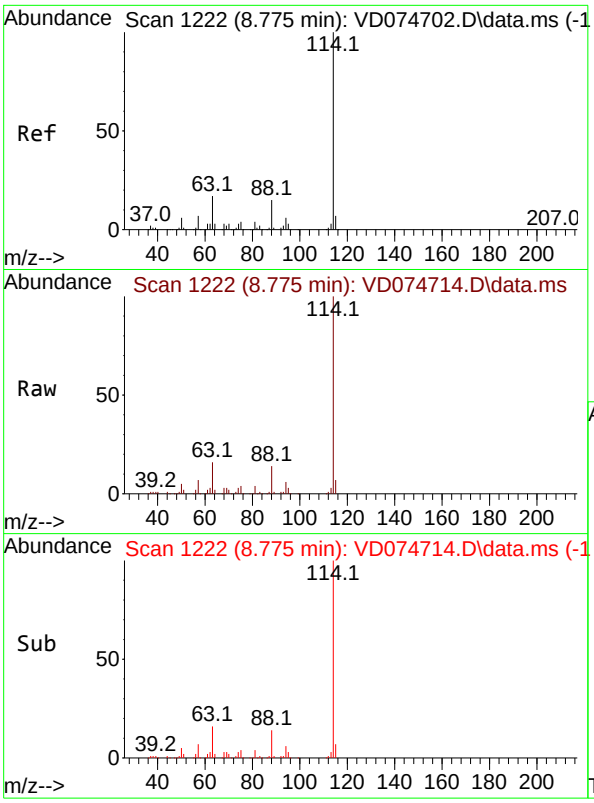


#33
1,2-Dichloroethane-d4
Concen: 53.011 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074714.D
Acq: 03 Nov 2022 14:41

Tgt Ion: 65 Resp: 59799

Ion	Ratio	Lower	Upper
65	100		
67	55.6	0.0	110.2



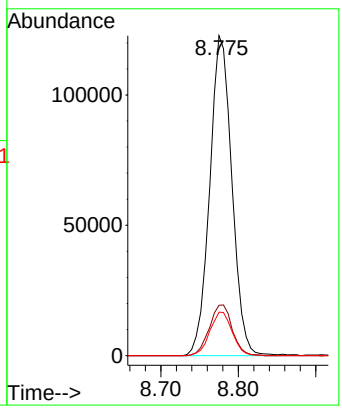


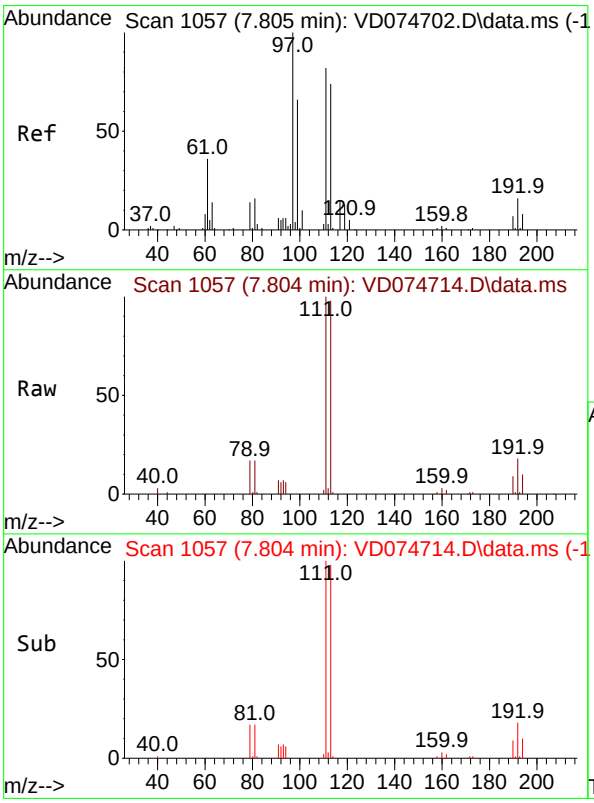
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074714.D
Acq: 03 Nov 2022 14:41

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:114 Resp: 244018

Ion	Ratio	Lower	Upper
114	100		
63	15.7	0.0	33.2
88	13.6	0.0	28.2

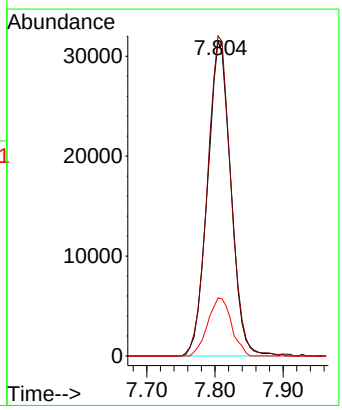


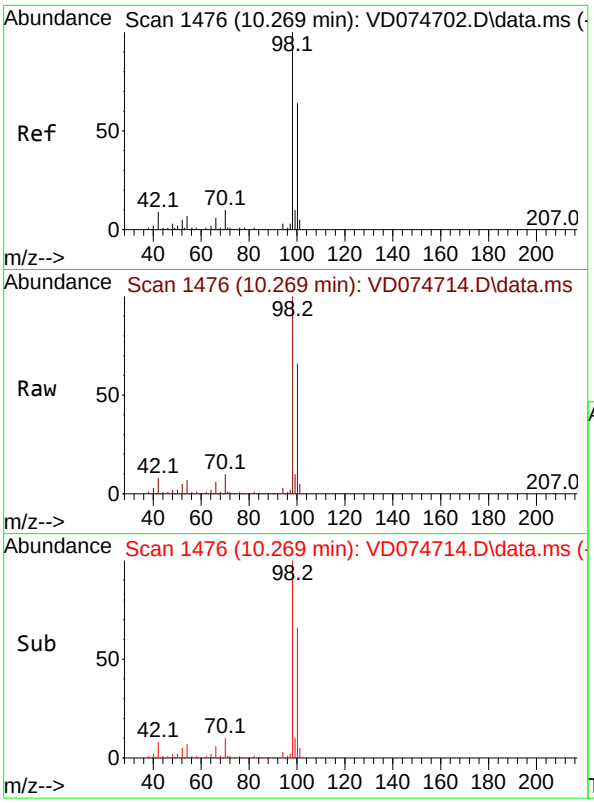


#35
Dibromofluoromethane
Concen: 51.908 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD074714.D
Acq: 03 Nov 2022 14:41

Tgt Ion:113 Resp: 74927

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.3	123.5
192	18.7	16.4	24.6



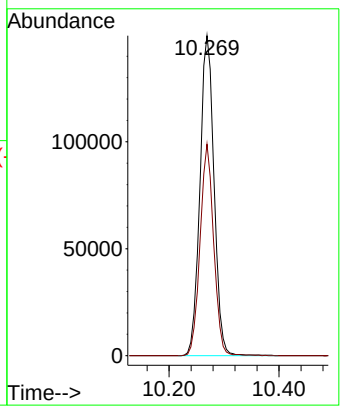


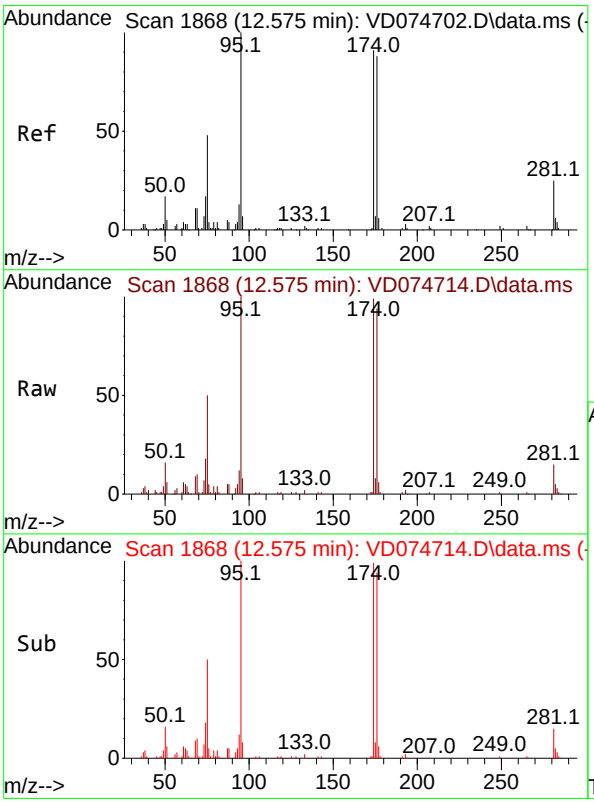
#50
Toluene-d8
Concen: 50.644 ug/l
RT: 10.269 min Scan# 14
Delta R.T. -0.000 min
Lab File: VD074714.D
Acq: 03 Nov 2022 14:41

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 98 Resp: 266659

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.4	77.0

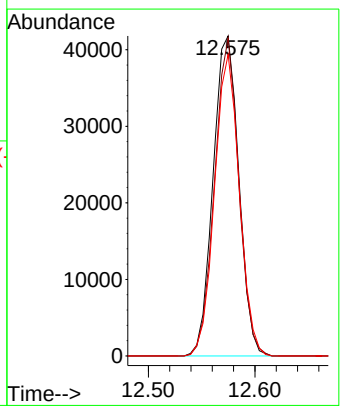


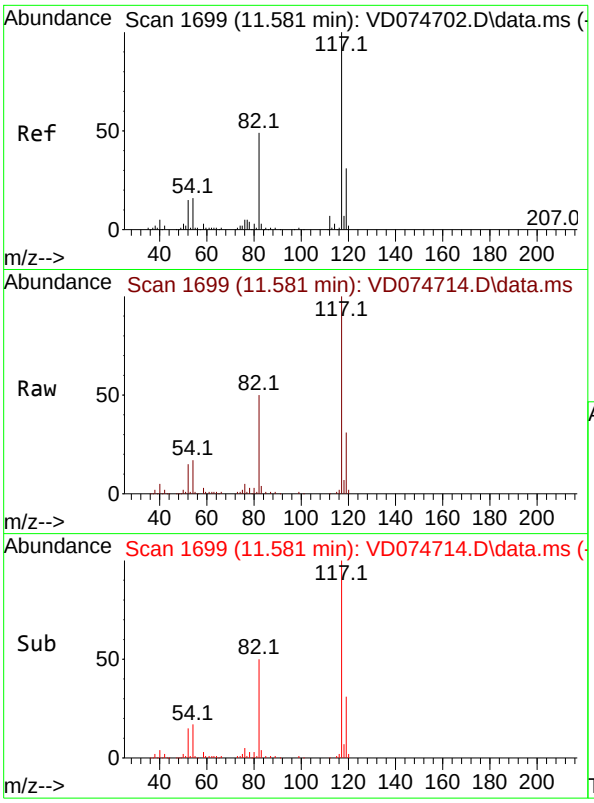


#62
4-Bromofluorobenzene
Concen: 46.088 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074714.D
Acq: 03 Nov 2022 14:41

Tgt Ion: 95 Resp: 70066

Ion	Ratio	Lower	Upper
95	100		
174	93.5	0.0	197.0
176	90.8	0.0	182.6



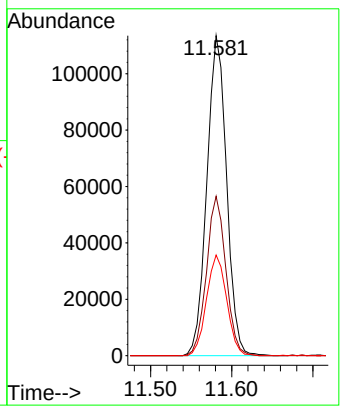


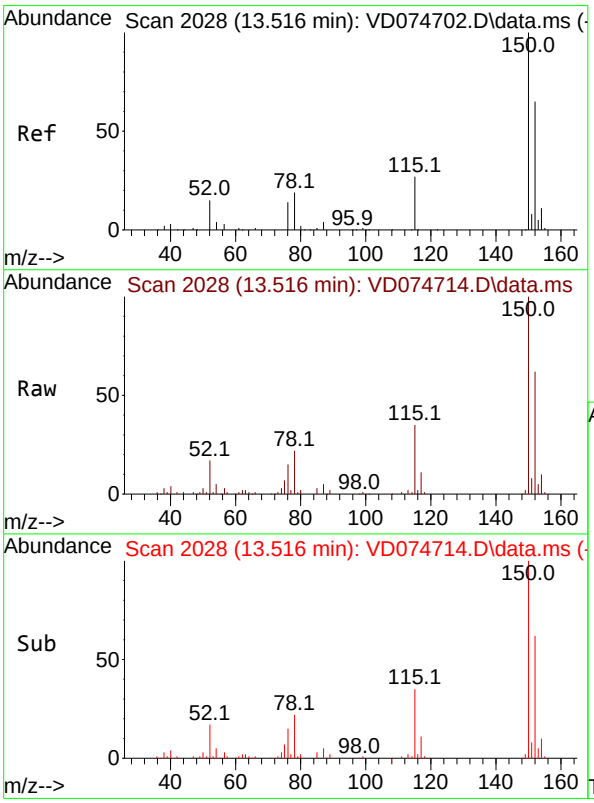
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074714.D
Acq: 03 Nov 2022 14:41

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 191328

Ion	Ratio	Lower	Upper
117	100		
82	49.8	41.6	62.4
119	31.4	25.2	37.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074714.D
Acq: 03 Nov 2022 14:41

Tgt Ion:152 Resp: 81796

Ion	Ratio	Lower	Upper
152	100		
115	54.7	26.8	80.4
150	157.6	0.0	348.2