Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081021\
Data File : VY005598.D
Acq On : 10 Aug 2021 16:12
Operator : SY/MD
Sample : M3333-01
Misc : 4.35G/5ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 124055

Quant Time: Aug 11 03:37:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	158948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	261404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	254076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	90747	56.401	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.800%			
35) Dibromofluoromethane	7.722	113	76904	52.547	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.100%			
50) Toluene-d8	10.185	98	330518	53.848	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.700%			
62) 4-Bromofluorobenzene	12.483	95	114256	56.212	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.420%			
Target Compounds						Qvalue

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

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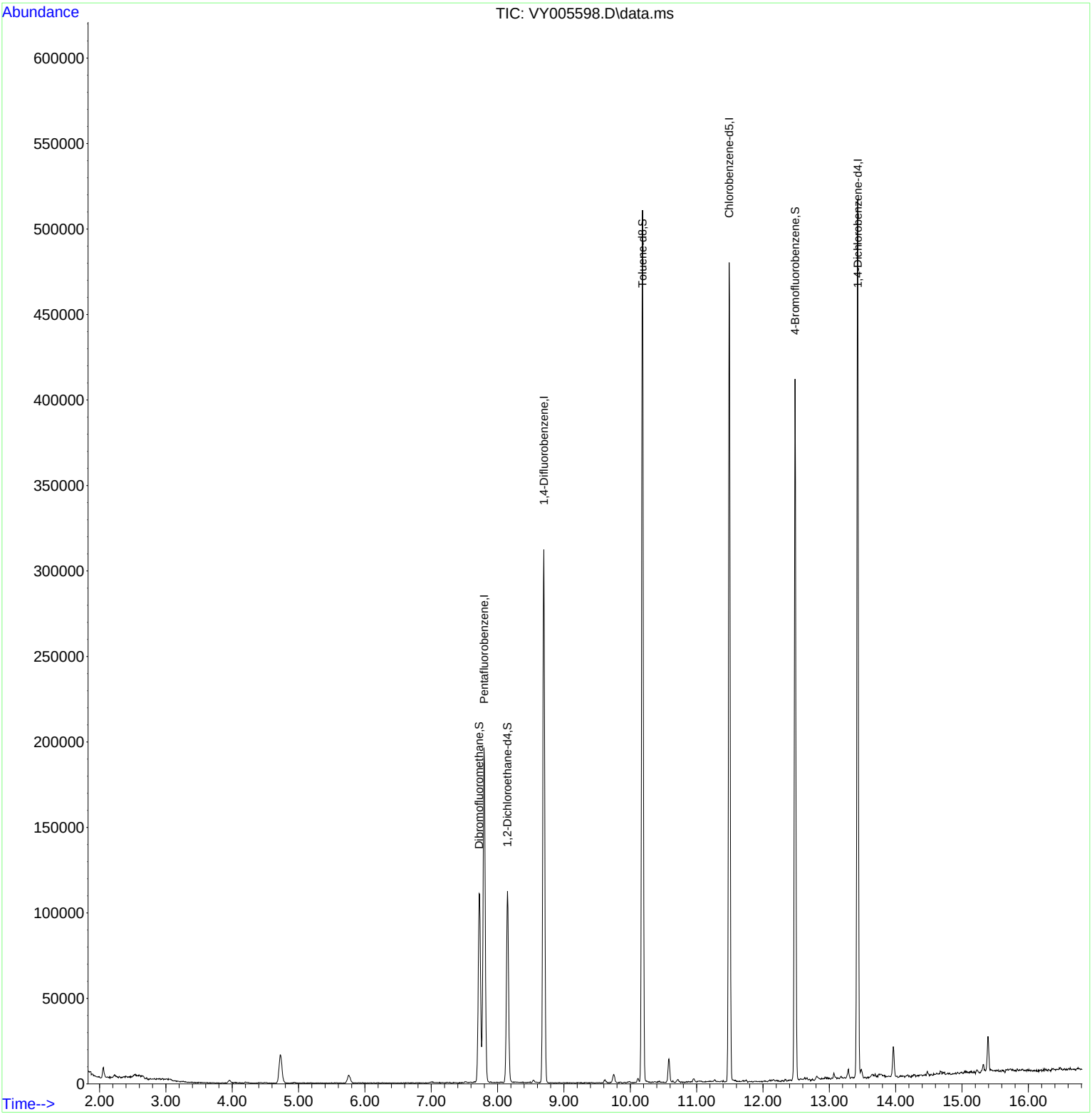
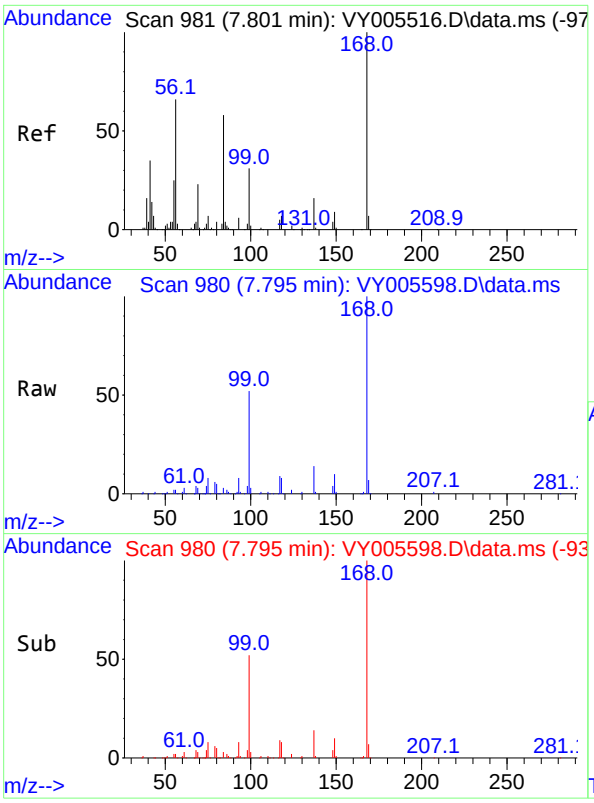


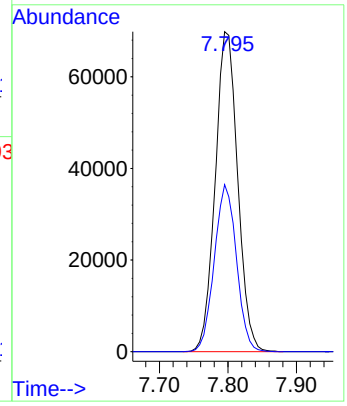
Instrument :
MSVOA_Y
ClientSampleId :
124055

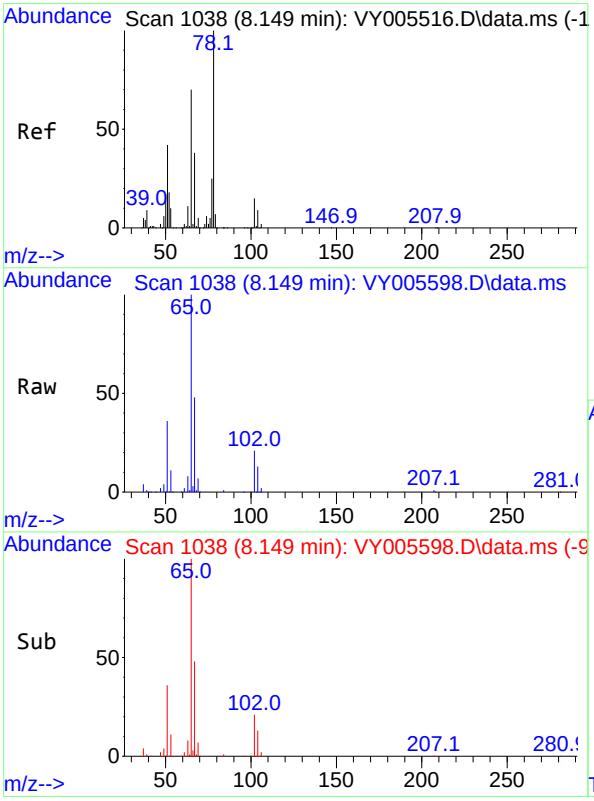


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005598.D
Acq: 10 Aug 2021 16:12

Tgt Ion:168 Resp: 158948

Ion	Ratio	Lower	Upper
168	100		
99	52.2	38.9	58.3

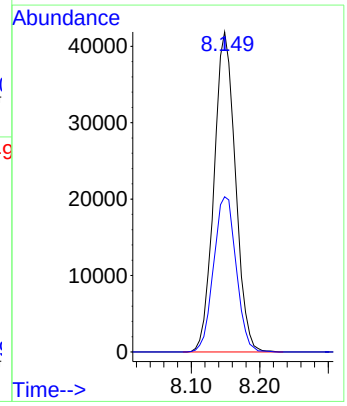




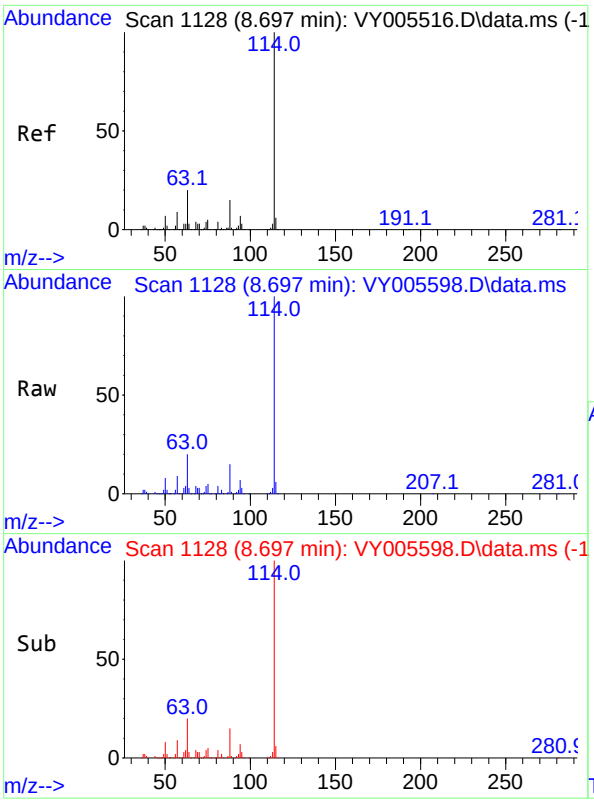
#33
1,2-Dichloroethane-d4
Concen: 56.401 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005598.D
Acq: 10 Aug 2021 16:12

Tgt Ion: 65 Resp: 90747

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	103.4



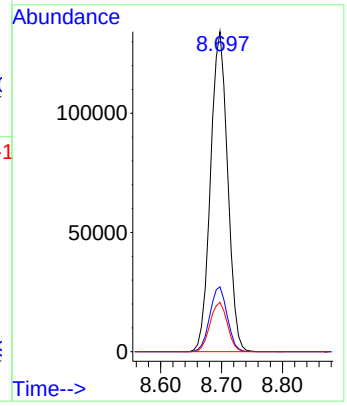
Instrument :
MSVOA_Y
ClientSampleId :
124055

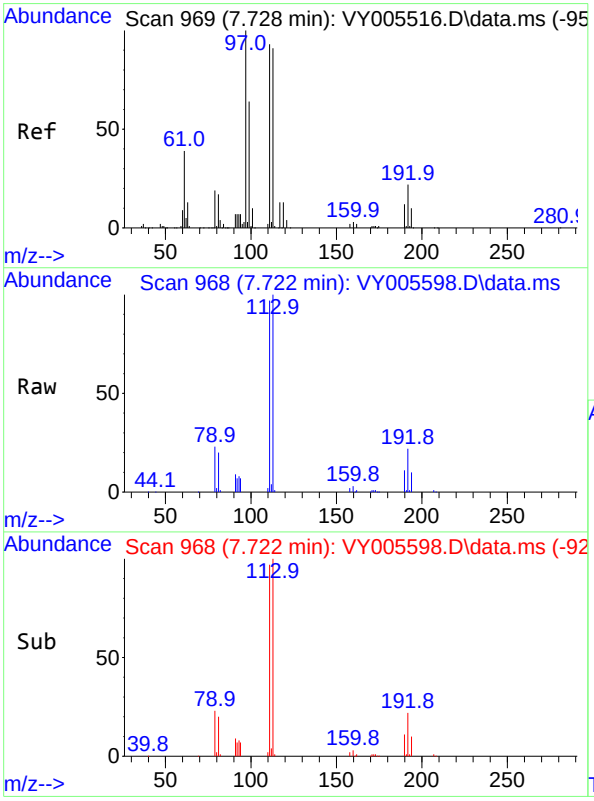


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005598.D
Acq: 10 Aug 2021 16:12

Tgt Ion:114 Resp: 261404

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.2
88	15.4	0.0	30.8

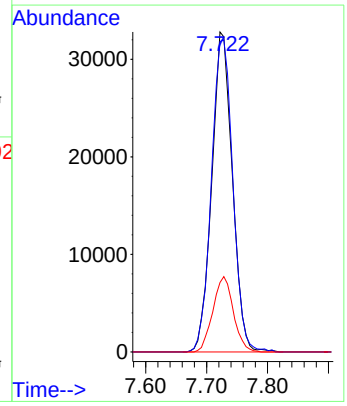


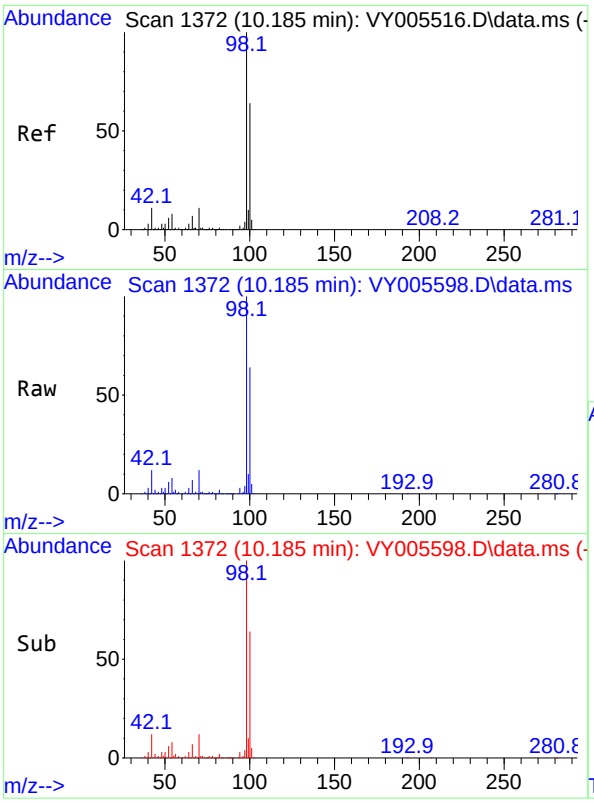


#35
Dibromofluoromethane
Concen: 52.547 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005598.D
Acq: 10 Aug 2021 16:12

Tgt Ion:113 Resp: 76904

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.9	122.9
192	23.5	19.2	28.8

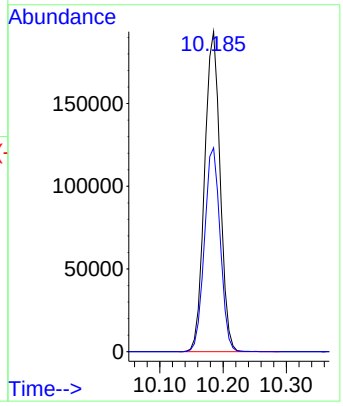




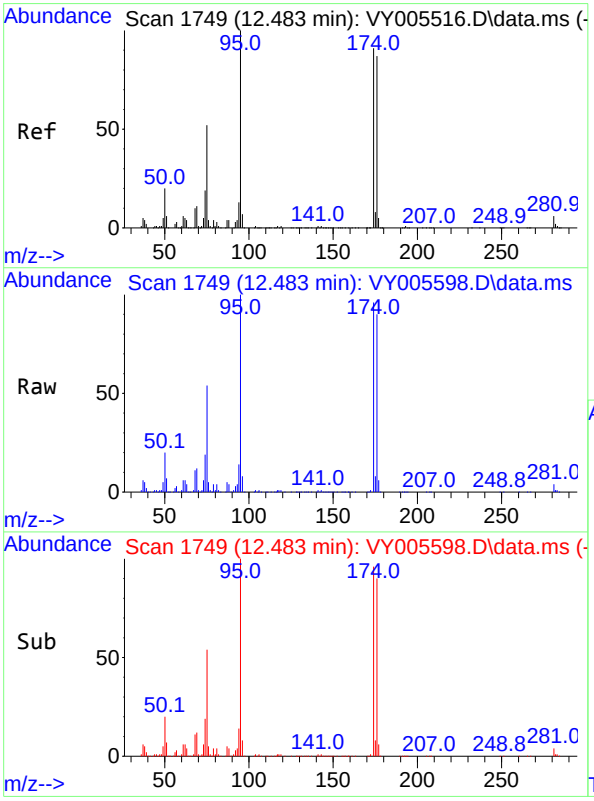
#50
Toluene-d8
Concen: 53.848 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005598.D
Acq: 10 Aug 2021 16:12

Tgt Ion: 98 Resp: 330518

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.3	76.9



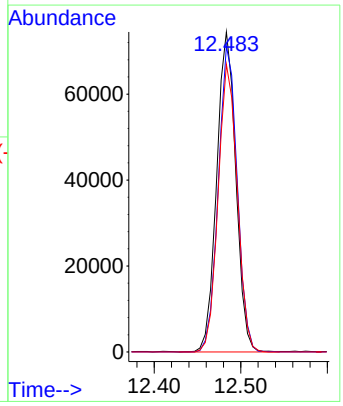
Instrument :
MSVOA_Y
ClientSampleId :
124055

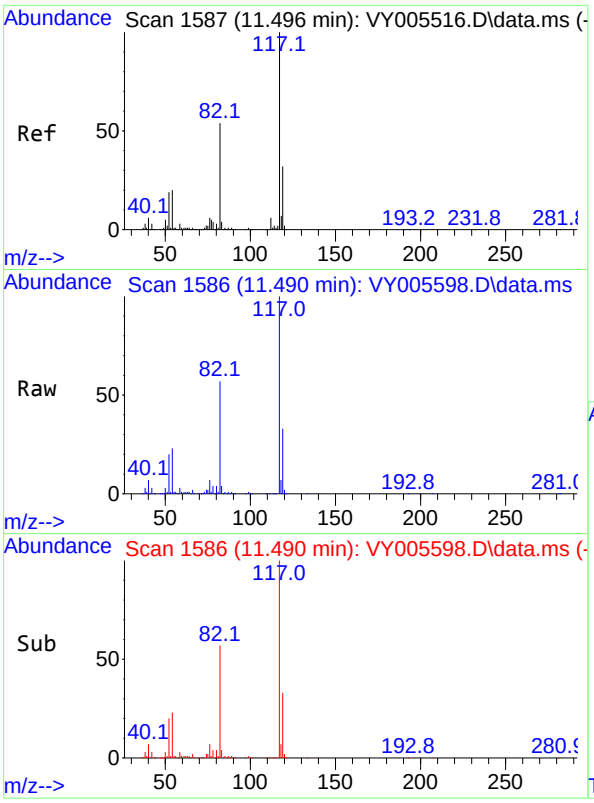


#62
4-Bromofluorobenzene
Concen: 56.212 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005598.D
Acq: 10 Aug 2021 16:12

Tgt Ion: 95 Resp: 114256

Ion	Ratio	Lower	Upper
95	100		
174	94.3	0.0	191.4
176	89.5	0.0	183.6

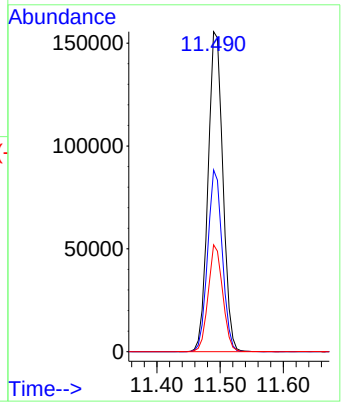




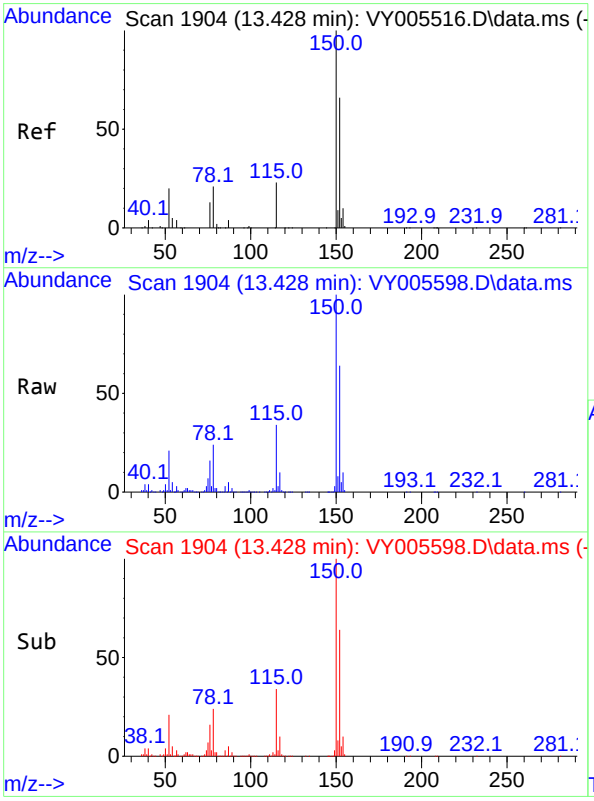
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005598.D
Acq: 10 Aug 2021 16:12

Tgt Ion:117 Resp: 254076

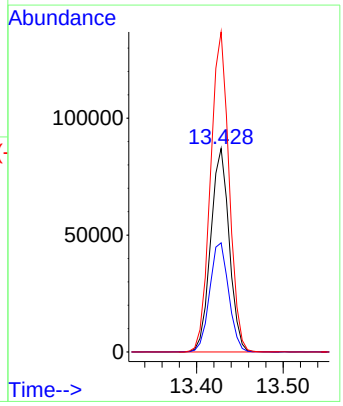
Ion	Ratio	Lower	Upper
117	100		
82	56.8	43.5	65.3
119	33.4	25.5	38.3



Instrument :
MSVOA_Y
ClientSampleId :
124055



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005598.D
Acq: 10 Aug 2021 16:12

Tgt Ion:152 Resp: 129169

Ion	Ratio	Lower	Upper
152	100		
115	55.3	27.3	81.9
150	157.6	0.0	350.2