Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031022\
Data File : VY007825.D
Acq On : 10 Mar 2022 15:12
Operator : SY/MD
Sample : N1806-09RE
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DUM-26RE

Quant Time: Mar 10 23:56:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 01 09:08:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	13147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	20893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	18603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	10165	73.854	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 147.700%			
35) Dibromofluoromethane	7.722	113	8087	60.543	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 121.080%			
50) Toluene-d8	10.179	98	24061	48.934	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.860%			
62) 4-Bromofluorobenzene	12.483	95	6211	39.187	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 78.380%			
Target Compounds						Qvalue

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

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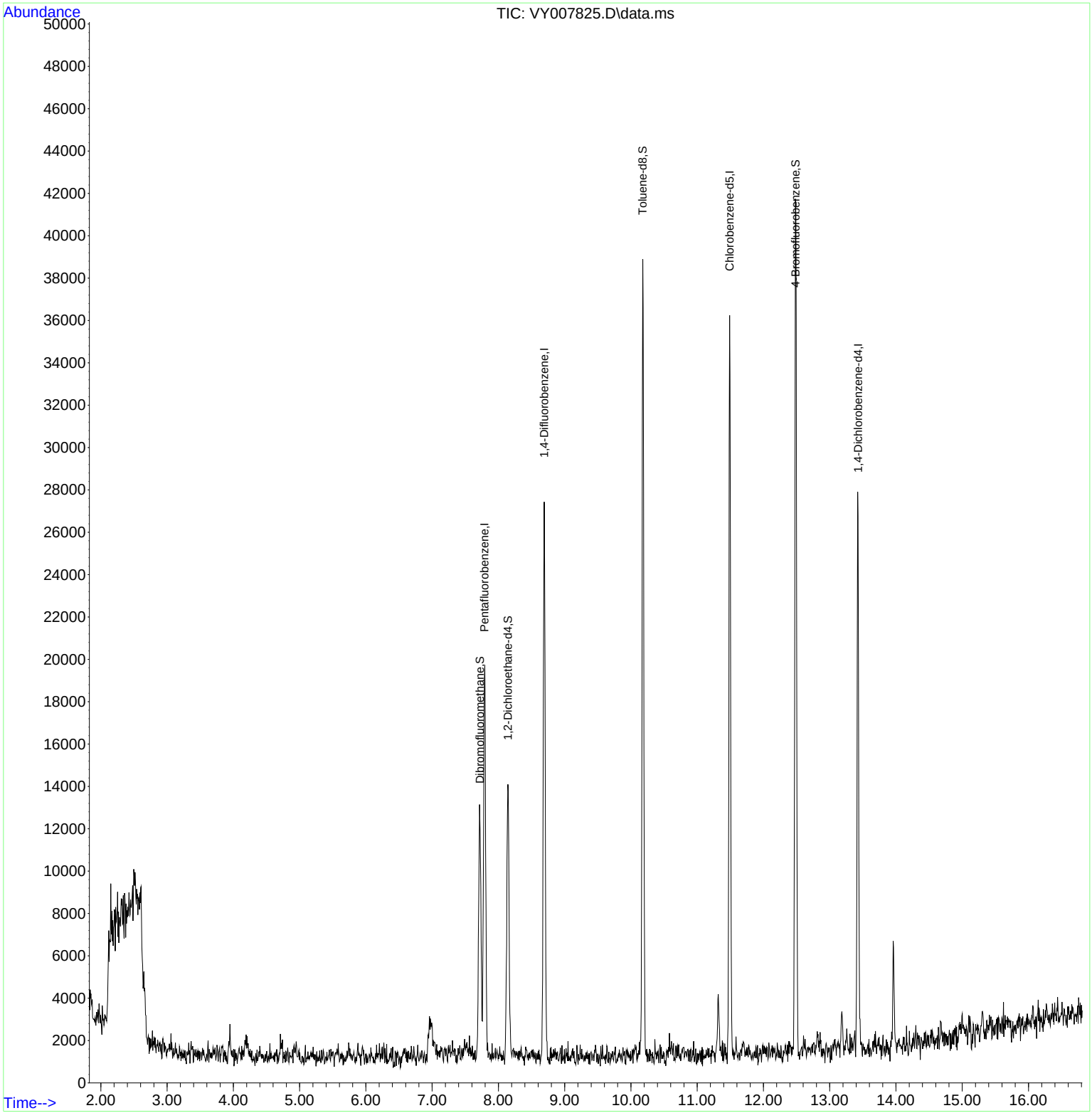
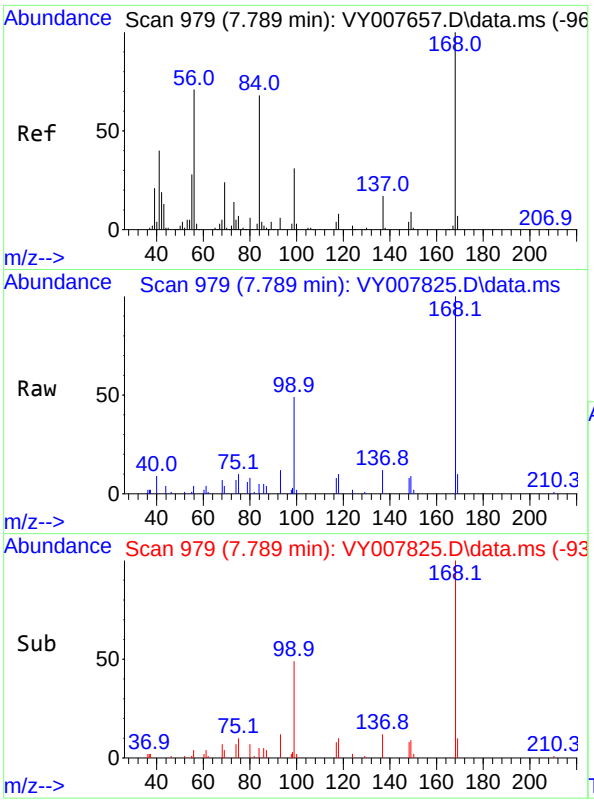


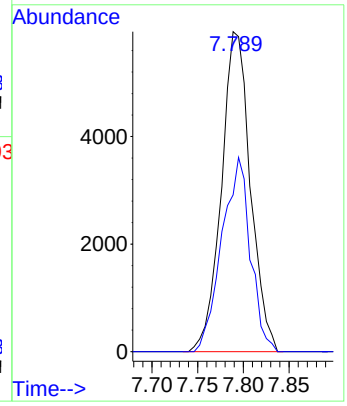


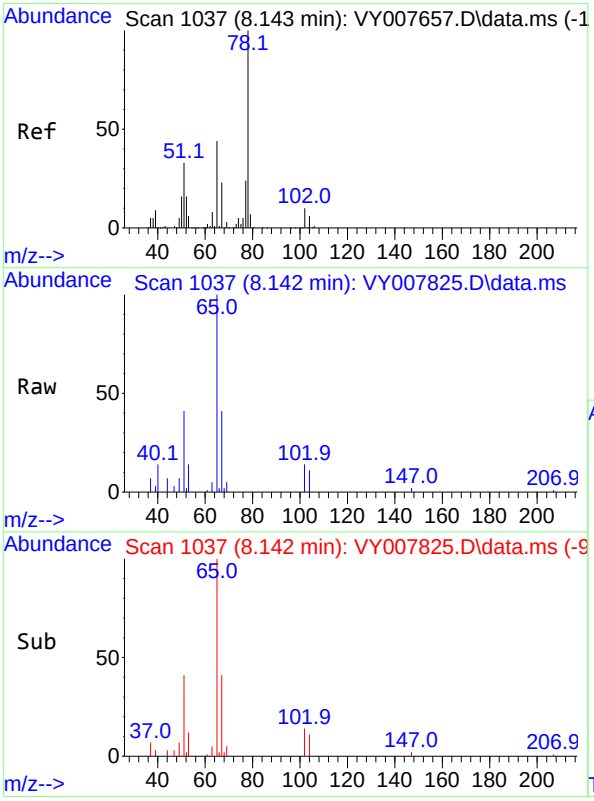
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY007825.D
Acq: 10 Mar 2022 15:12

Instrument :
MSVOA_Y
ClientSampleId :
DUM-26RE

Tgt Ion:168 Resp: 13147

Ion	Ratio	Lower	Upper
168	100		
99	49.0	46.9	70.3

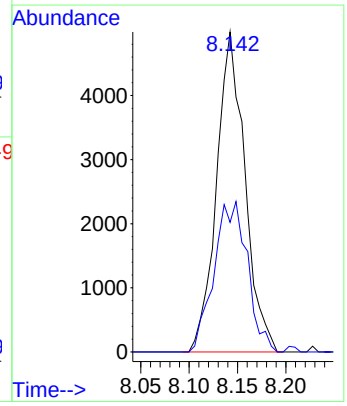


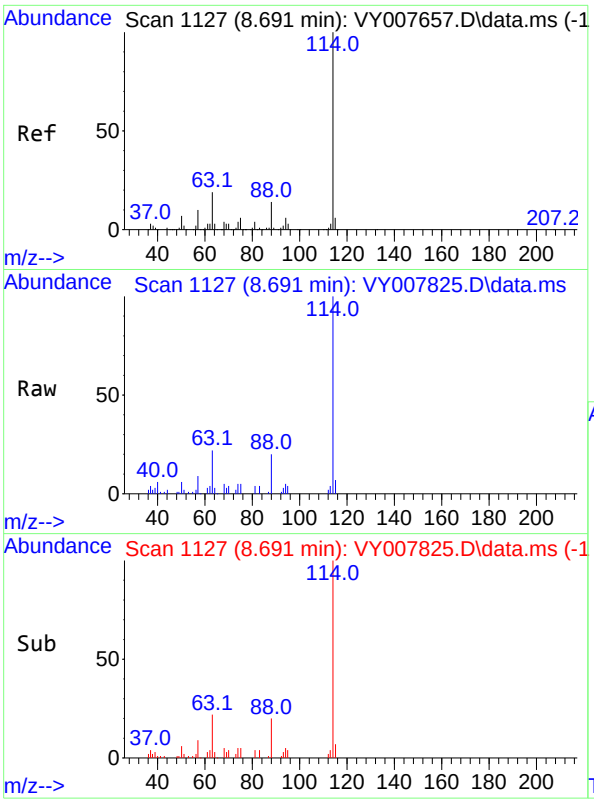


#33
1,2-Dichloroethane-d4
Concen: 73.854 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007825.D
Acq: 10 Mar 2022 15:12

Tgt Ion: 65 Resp: 10165

Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	99.4



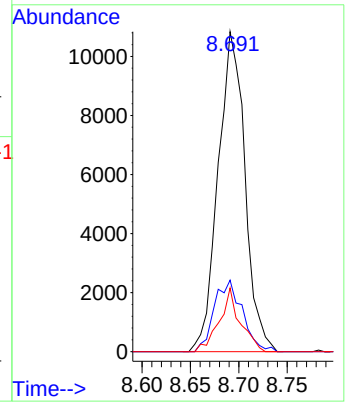


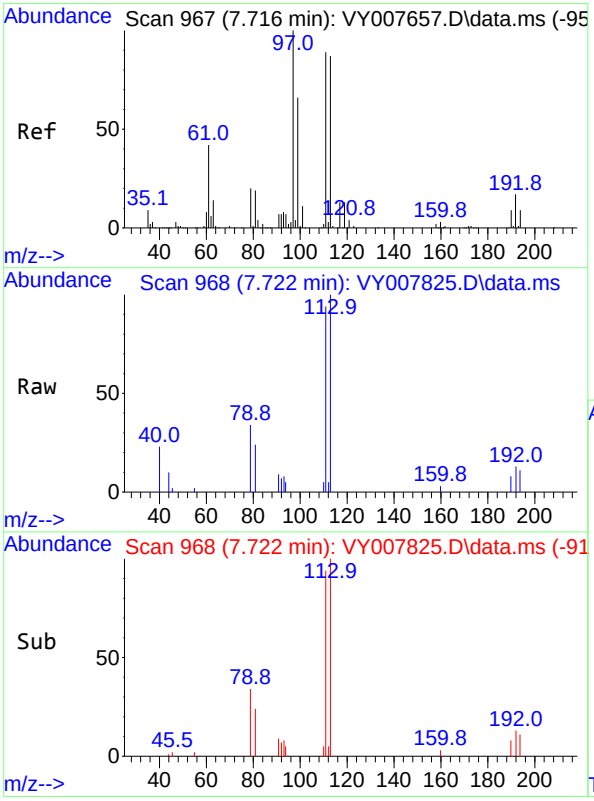
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007825.D
Acq: 10 Mar 2022 15:12

Instrument :
MSVOA_Y
ClientSampleId :
DUM-26RE

Tgt Ion:114 Resp: 20893

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.2
88	19.9	0.0	31.8

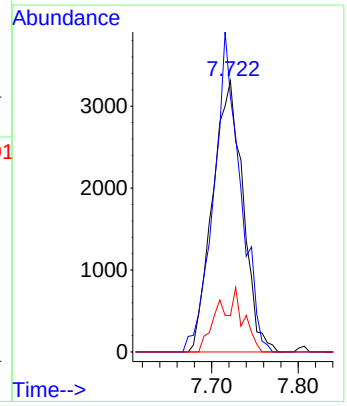


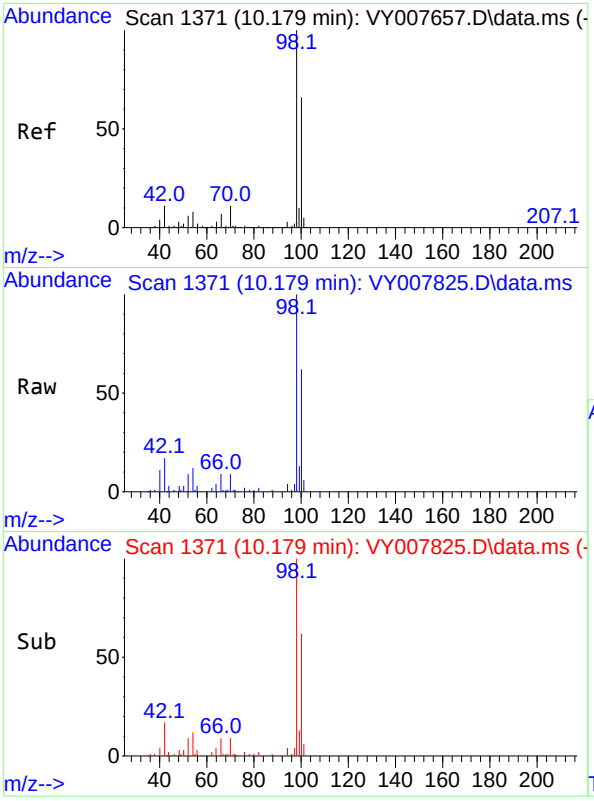


#35
Dibromofluoromethane
Concen: 60.543 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007825.D
Acq: 10 Mar 2022 15:12

Tgt Ion:113 Resp: 8087

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	124.0
192	10.9	17.6	26.4#



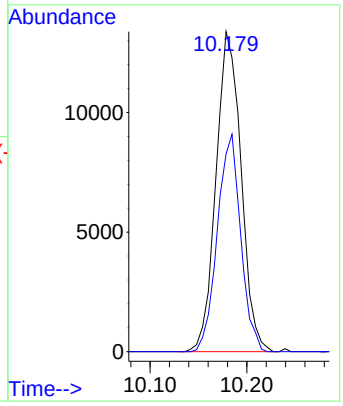


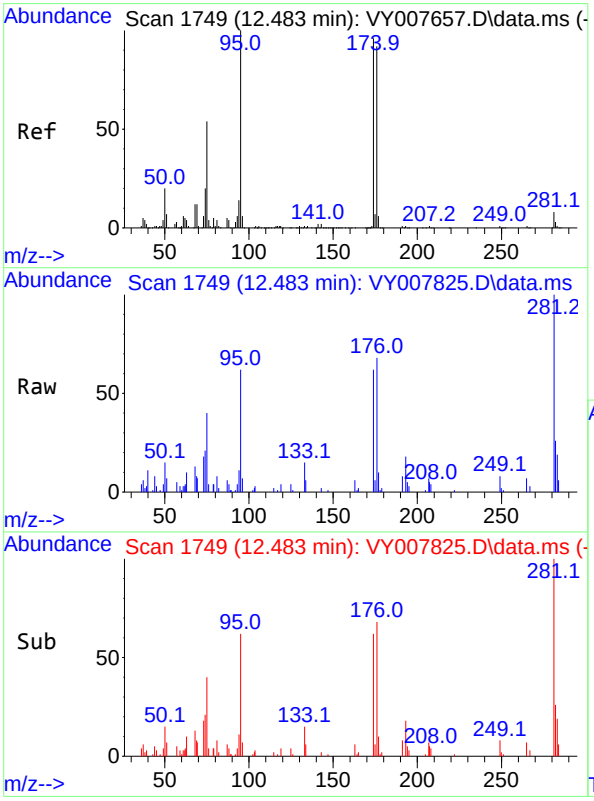
#50
Toluene-d8
Concen: 48.934 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007825.D
Acq: 10 Mar 2022 15:12

Instrument :
MSVOA_Y
ClientSampleId :
DUM-26RE

Tgt Ion: 98 Resp: 24061

Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.2	75.2

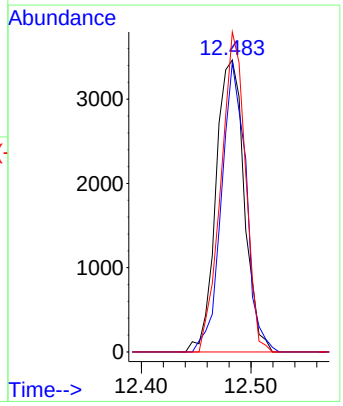


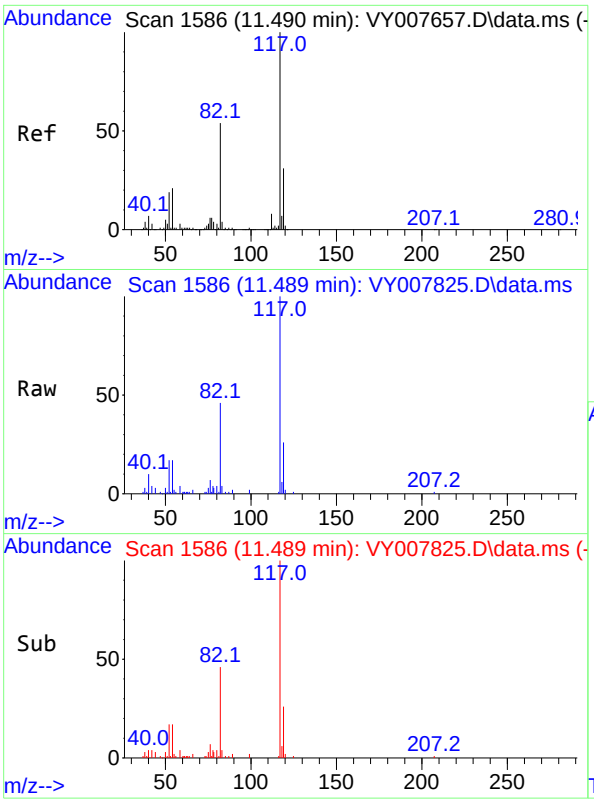


#62
4-Bromofluorobenzene
Concen: 39.187 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007825.D
Acq: 10 Mar 2022 15:12

Tgt Ion: 95 Resp: 6211

Ion	Ratio	Lower	Upper
95	100		
174	86.2	0.0	177.0
176	95.1	0.0	175.8



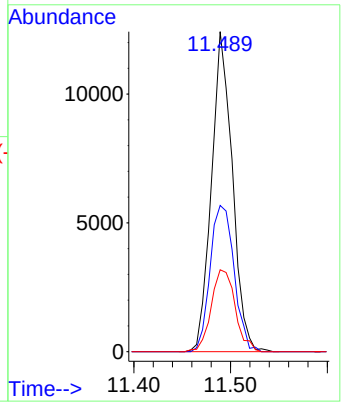


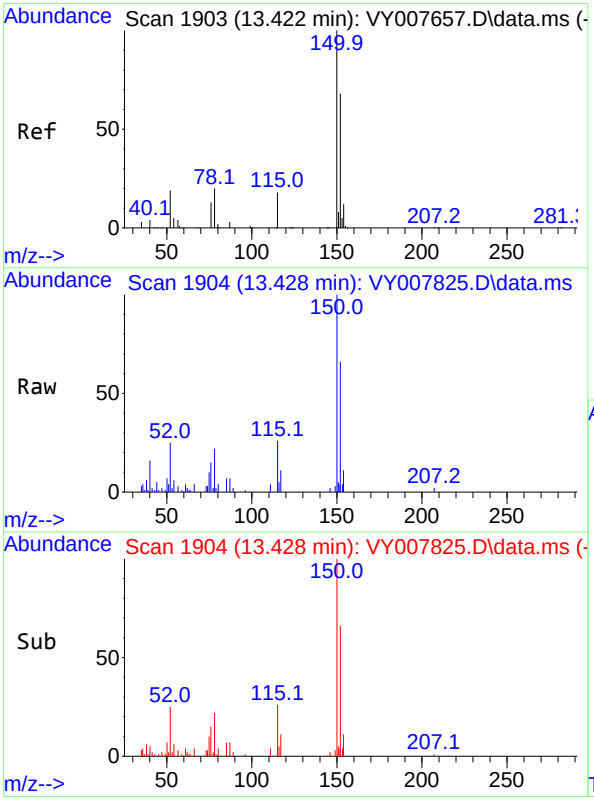
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY007825.D
Acq: 10 Mar 2022 15:12

Instrument :
MSVOA_Y
ClientSampleId :
DUM-26RE

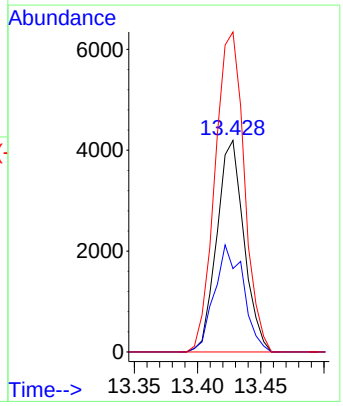
Tgt Ion:117 Resp: 18603

Ion	Ratio	Lower	Upper
117	100		
82	45.7	43.0	64.4
119	25.6	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007825.D
Acq: 10 Mar 2022 15:12

Tgt Ion:152 Resp: 6264

Ion	Ratio	Lower	Upper
152	100		
115	54.2	28.2	84.7
150	163.0	0.0	347.6