Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082521\
Data File : VY005835.D
Acq On : 25 Aug 2021 13:20
Operator : SY/MD
Sample : M3521-05
Misc : 5.03G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 124035

Quant Time: Aug 26 03:37:18 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	7.801	168	15218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	20556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	17085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	6777	43.994	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 87.980%			
35) Dibromofluoromethane	7.722	113	5258	45.687	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.380%			
50) Toluene-d8	10.185	98	24448	50.651	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.300%			
62) 4-Bromofluorobenzene	12.483	95	6385	39.947	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 79.900%			
Target Compounds						Qvalue

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

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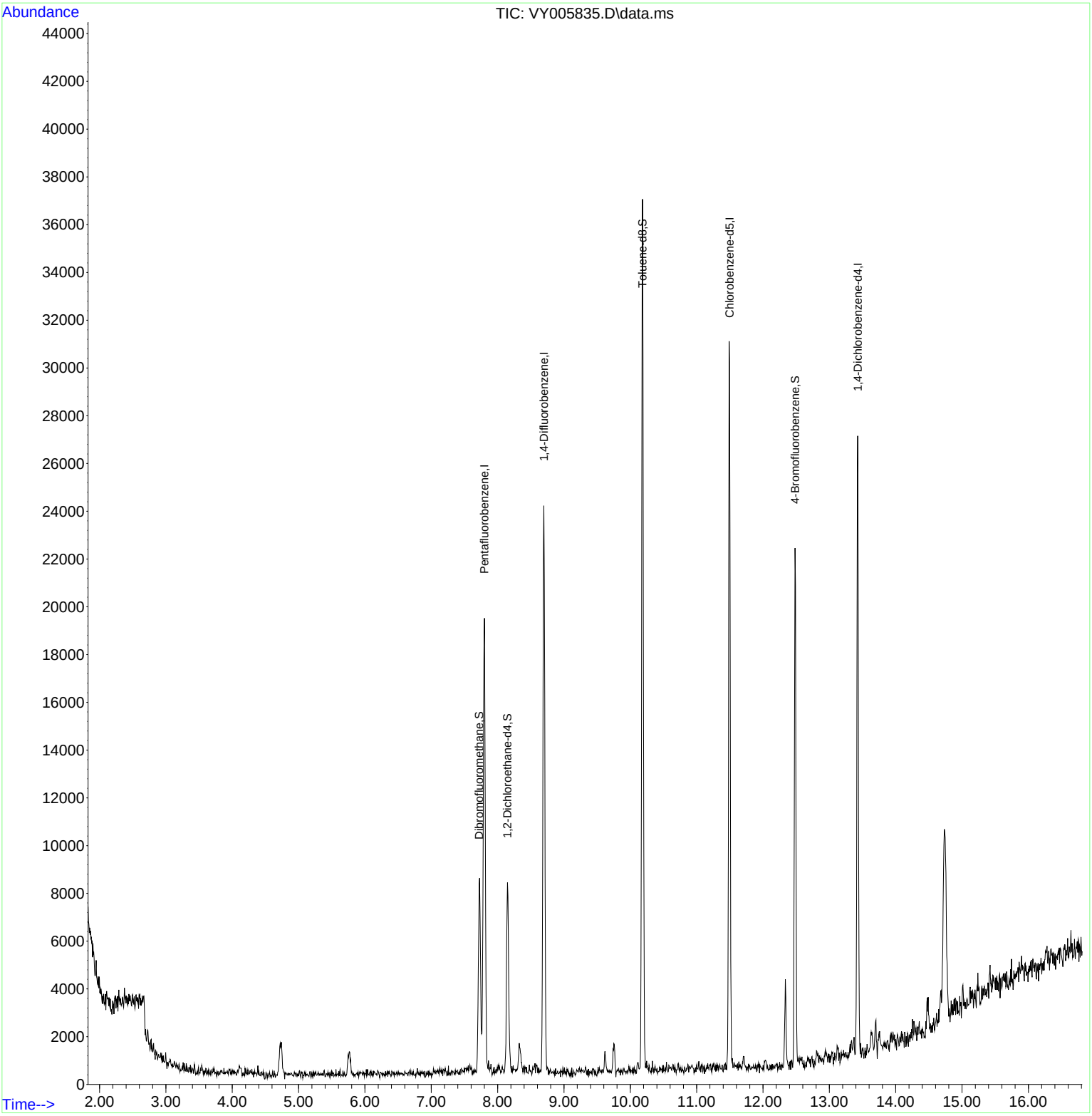
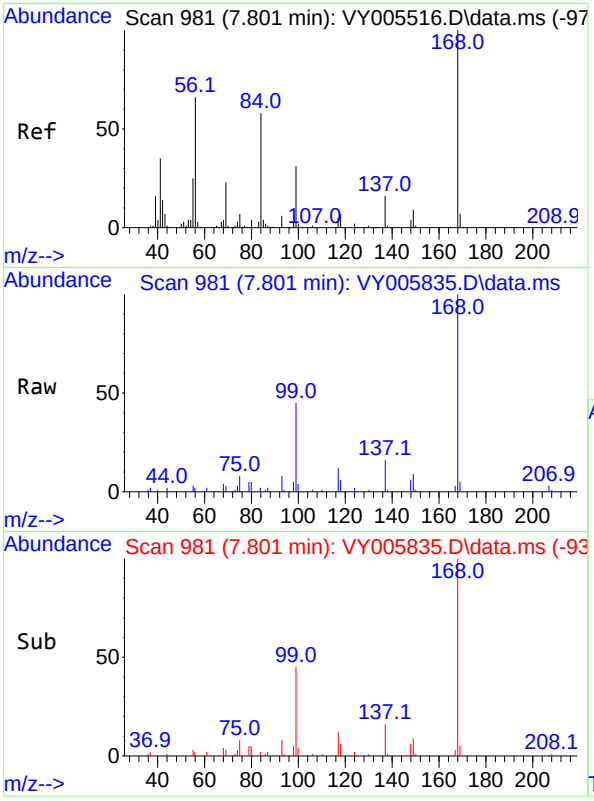
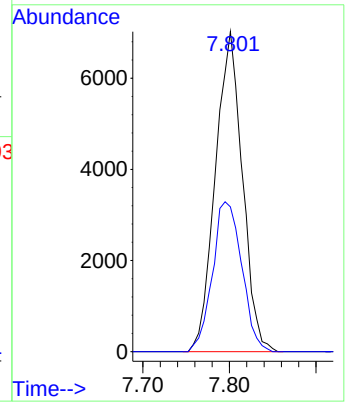




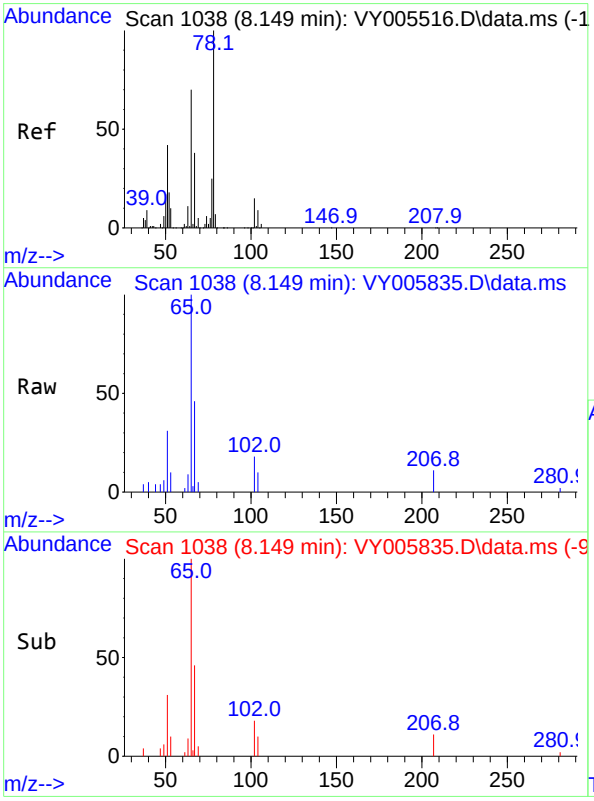
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005835.D
Acq: 25 Aug 2021 13:20

Tgt Ion:168 Resp: 15218

Ion	Ratio	Lower	Upper
168	100		
99	45.2	38.9	58.3



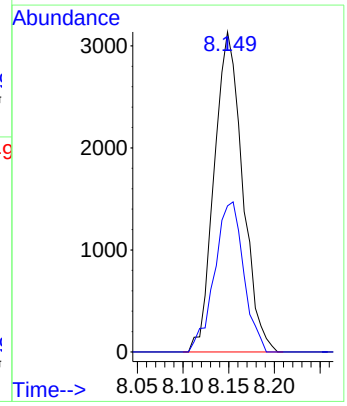
Instrument :
MSVOA_Y
ClientSampleId :
124035

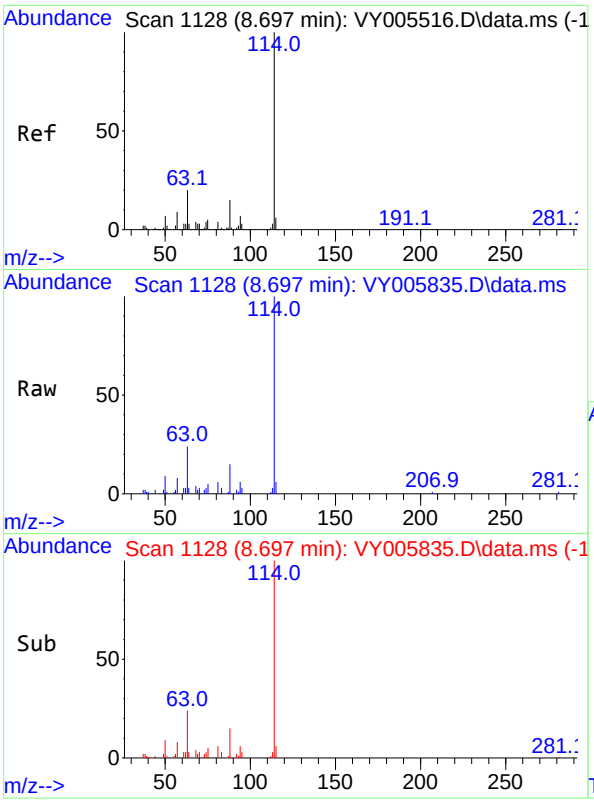


#33
1,2-Dichloroethane-d4
Concen: 43.994 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005835.D
Acq: 25 Aug 2021 13:20

Tgt Ion: 65 Resp: 6777

Ion	Ratio	Lower	Upper
65	100		
67	48.1	0.0	103.4

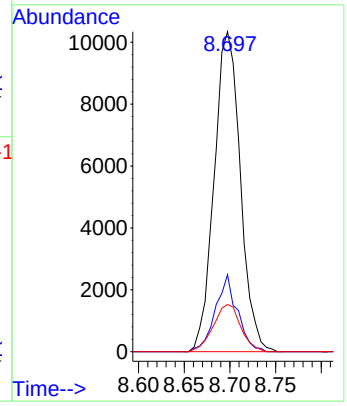




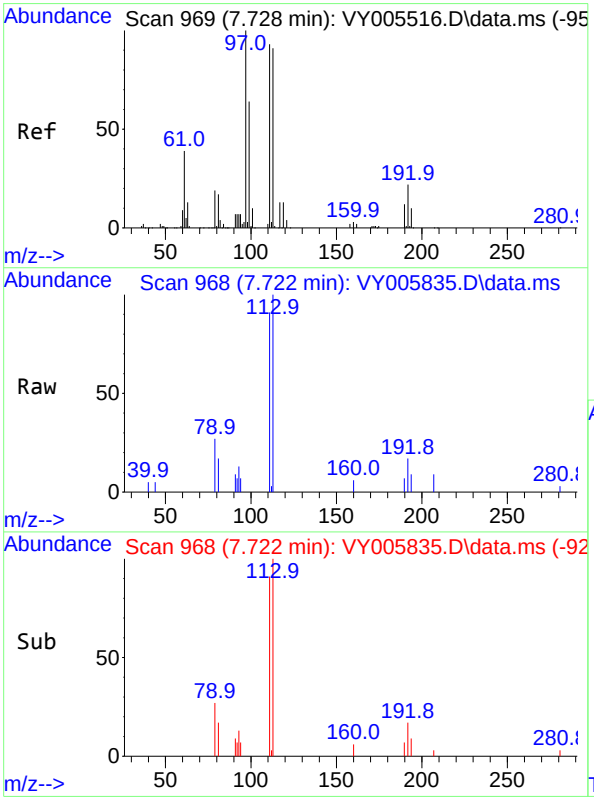
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005835.D
Acq: 25 Aug 2021 13:20

Tgt Ion:114 Resp: 20556

Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	39.2
88	14.7	0.0	30.8



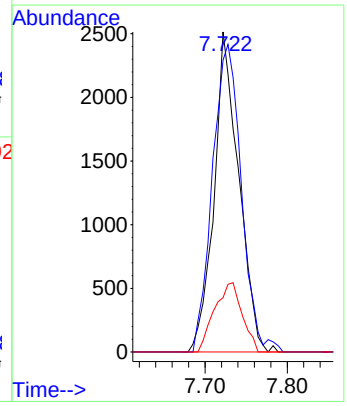
Instrument :
MSVOA_Y
ClientSampleId :
124035

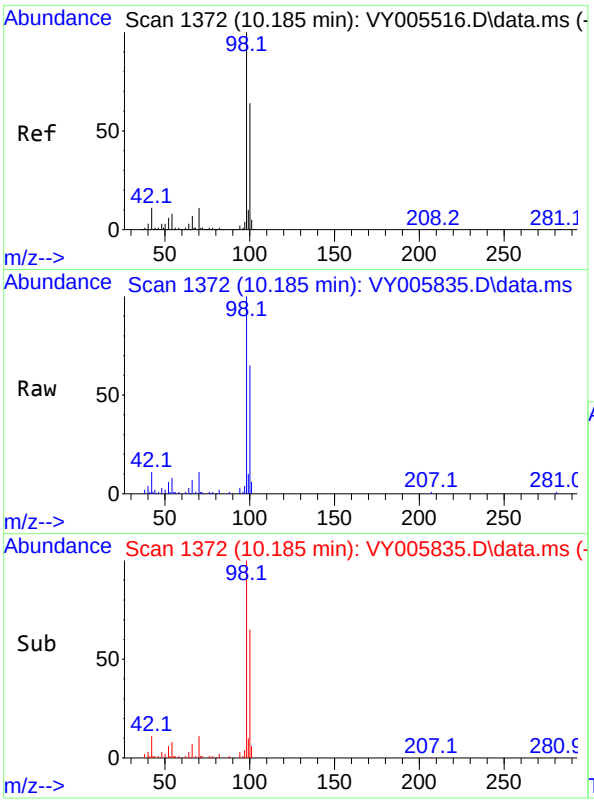


#35
Dibromofluoromethane
Concen: 45.687 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005835.D
Acq: 25 Aug 2021 13:20

Tgt Ion:113 Resp: 5258

Ion	Ratio	Lower	Upper
113	100		
111	112.1	81.9	122.9
192	24.1	19.2	28.8

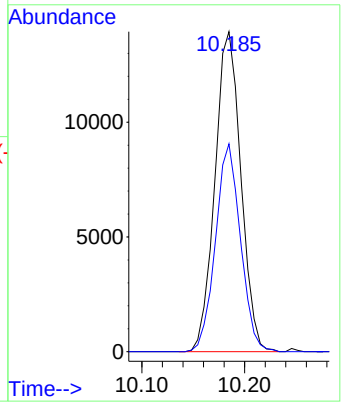




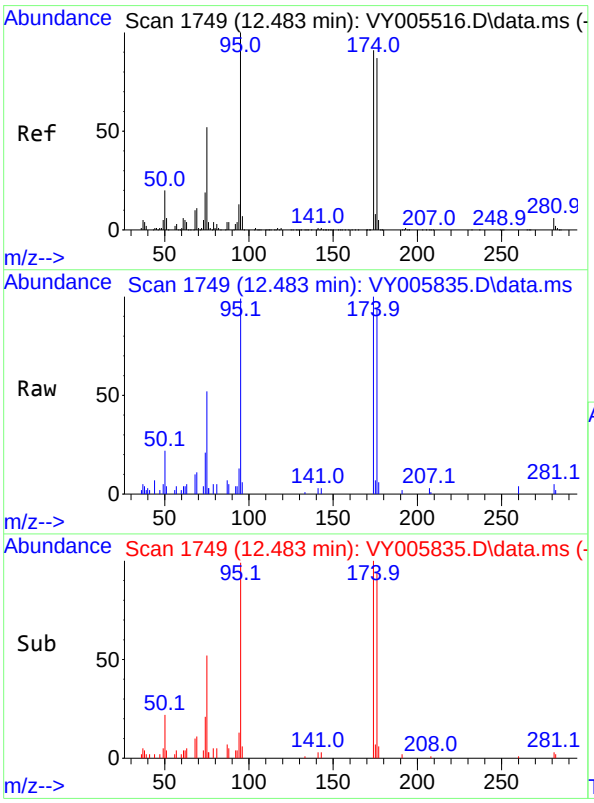
#50
Toluene-d8
Concen: 50.651 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005835.D
Acq: 25 Aug 2021 13:20

Tgt Ion: 98 Resp: 24448

Ion	Ratio	Lower	Upper
98	100		
100	62.5	51.3	76.9



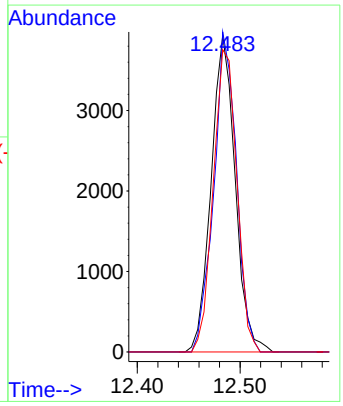
Instrument :
MSVOA_Y
ClientSampleId :
124035



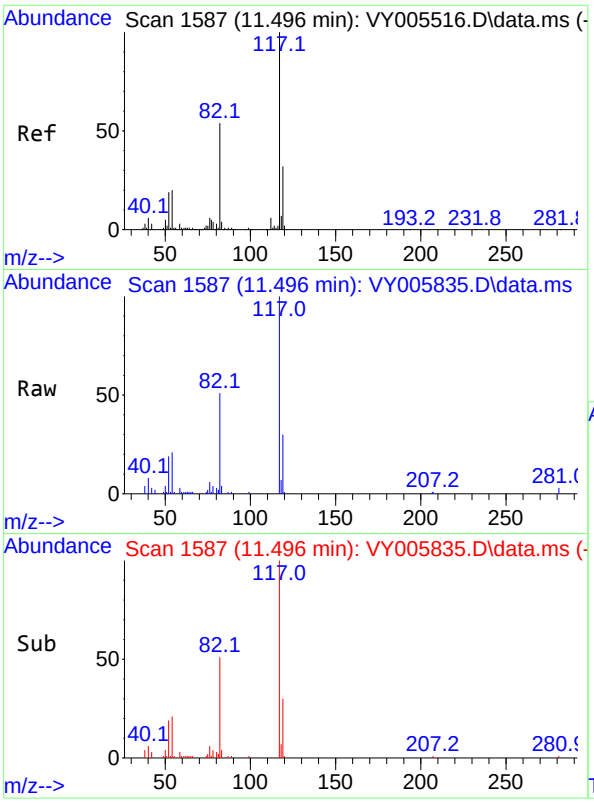
#62
4-Bromofluorobenzene
Concen: 39.947 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005835.D
Acq: 25 Aug 2021 13:20

Tgt Ion: 95 Resp: 6385

Ion	Ratio	Lower	Upper
95	100		
174	95.1	0.0	191.4
176	93.8	0.0	183.6



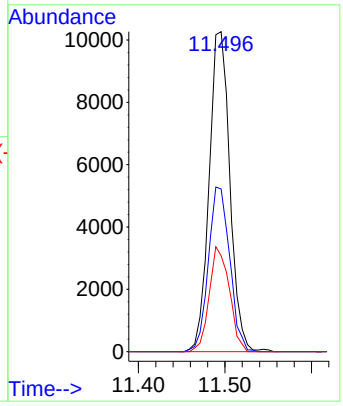
Instrument :
MSVOA_Y
ClientSampleId :
124035

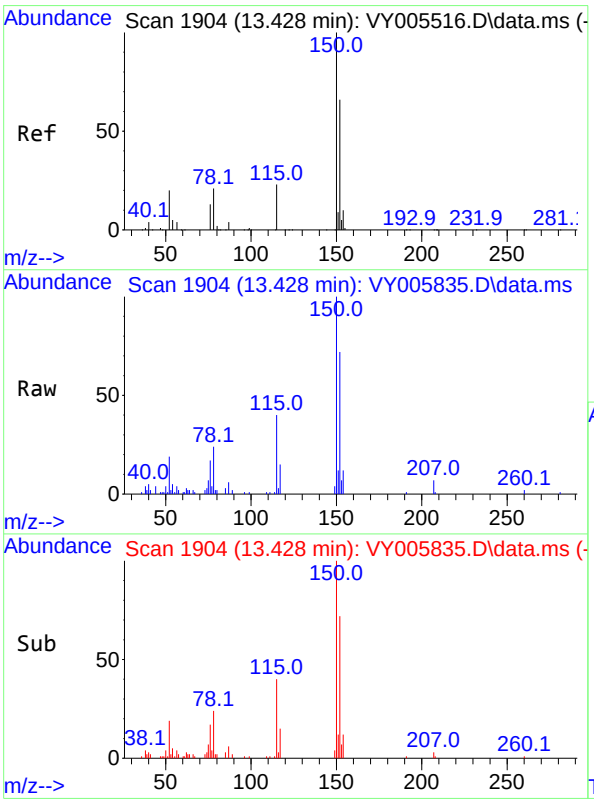


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005835.D
Acq: 25 Aug 2021 13:20

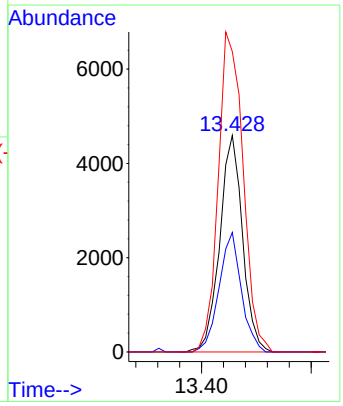
Tgt Ion:117 Resp: 17085

Ion	Ratio	Lower	Upper
117	100		
82	50.9	43.5	65.3
119	30.0	25.5	38.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005835.D
Acq: 25 Aug 2021 13:20

Tgt Ion:152 Resp: 6642

Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.3	81.9
150	160.7	0.0	350.2