Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012622\
Data File : VY007308.D
Acq On : 26 Jan 2022 15:53
Operator : SY/MD
Sample : N1261-02
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Quant Time: Jan 27 00:34:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 14 05:48:29 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	2300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	4795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	4526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2158	76.467	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 152.940%			
35) Dibromofluoromethane	7.722	113	1913	59.001	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 118.000%			
50) Toluene-d8	10.185	98	5644	47.640	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.280%			
62) 4-Bromofluorobenzene	12.489	95	1938	45.987	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.980%			
Target Compounds						Qvalue

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

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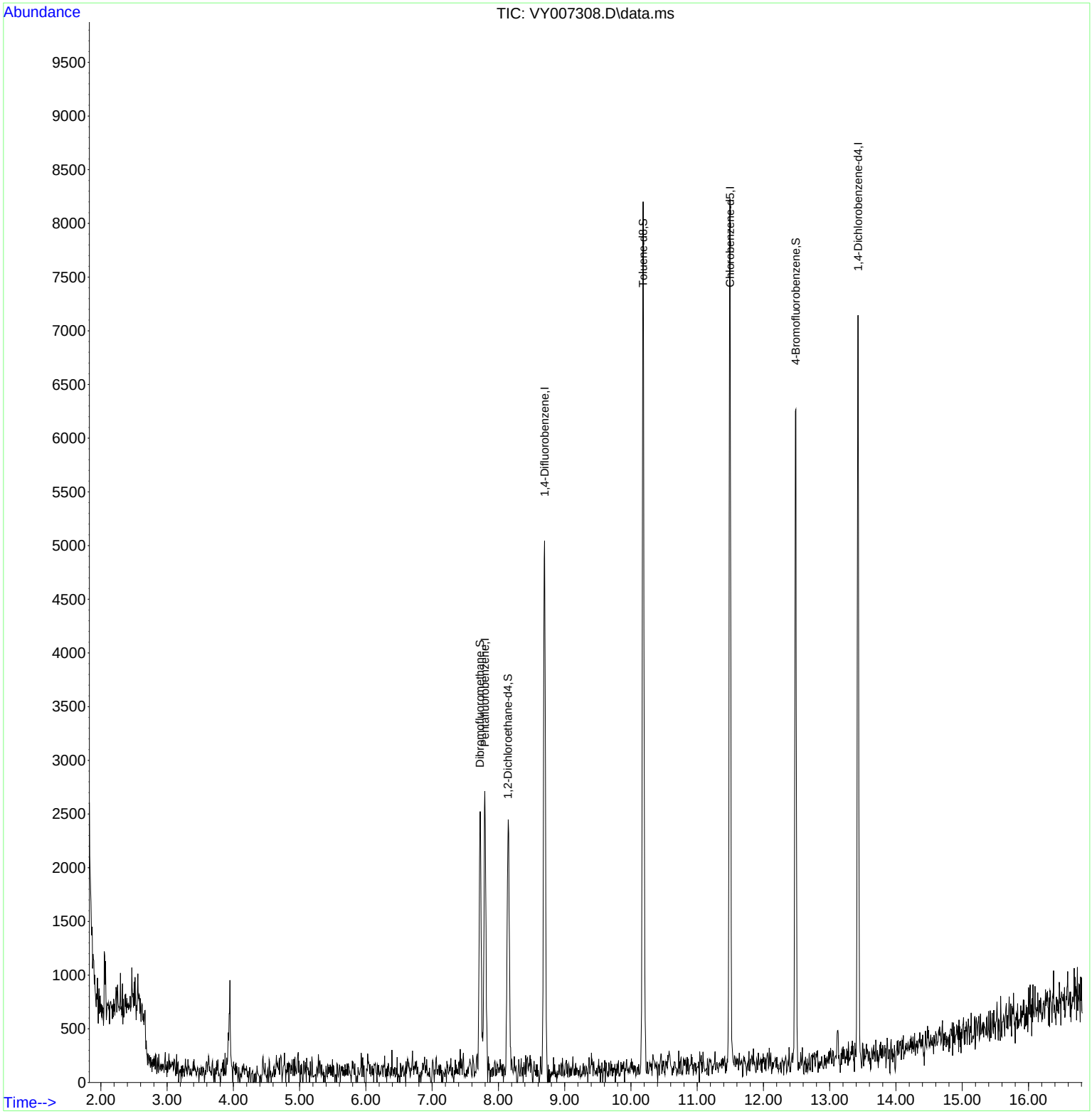
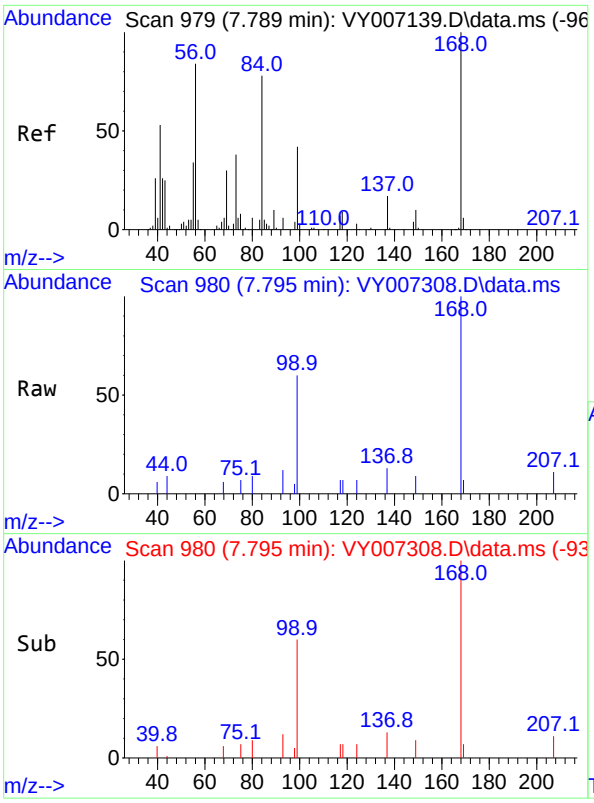


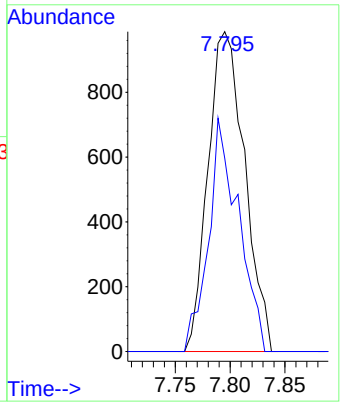


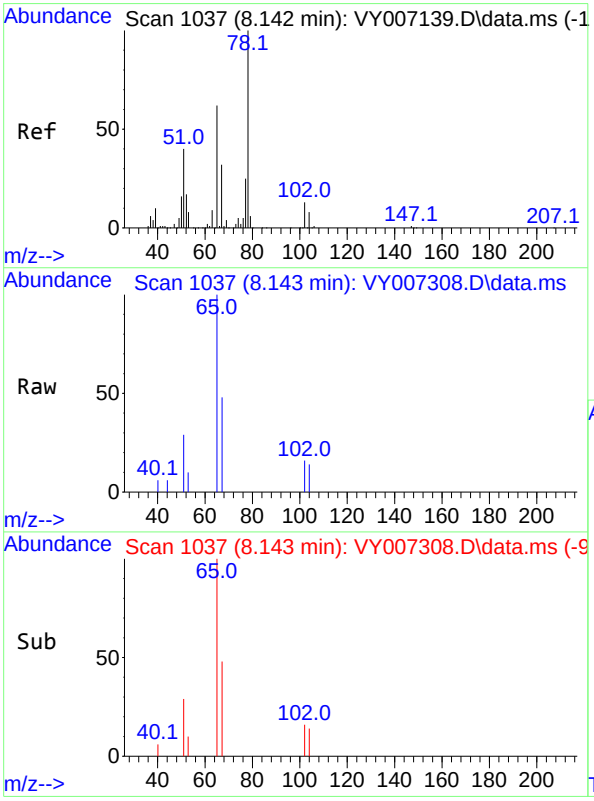
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY007308.D
Acq: 26 Jan 2022 15:53

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:168 Resp: 2300

Ion	Ratio	Lower	Upper
168	100		
99	60.4	49.1	73.7

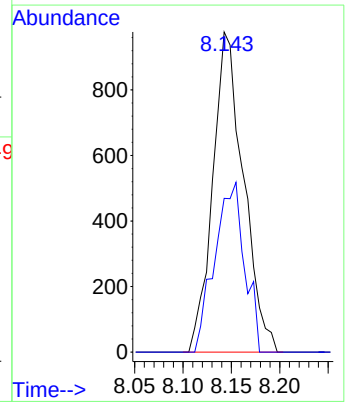


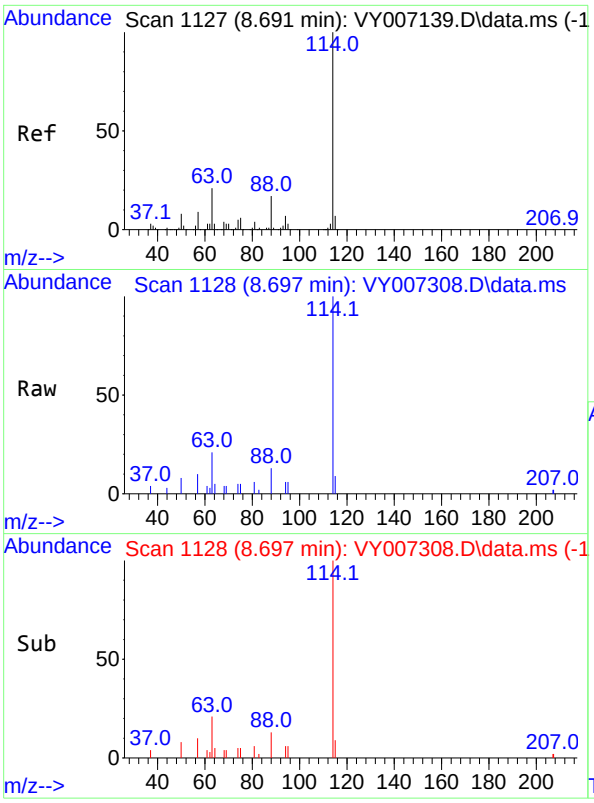


#33
1,2-Dichloroethane-d4
Concen: 76.467 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007308.D
Acq: 26 Jan 2022 15:53

Tgt Ion: 65 Resp: 2158

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	105.6



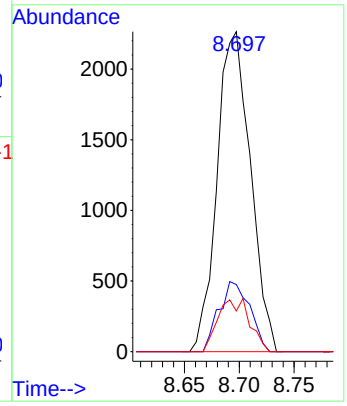


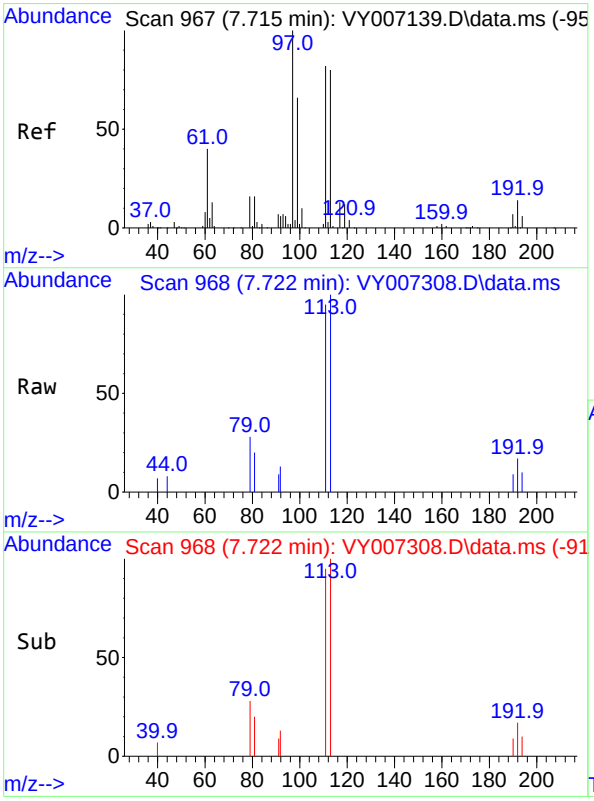
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY007308.D
Acq: 26 Jan 2022 15:53

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:114 Resp: 4795

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	39.2
88	12.7	0.0	31.0

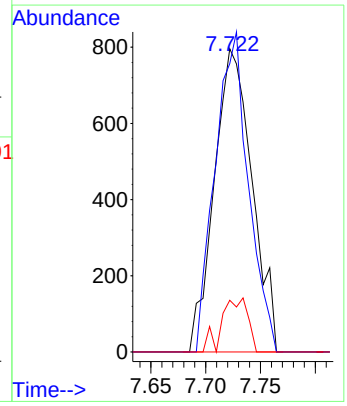


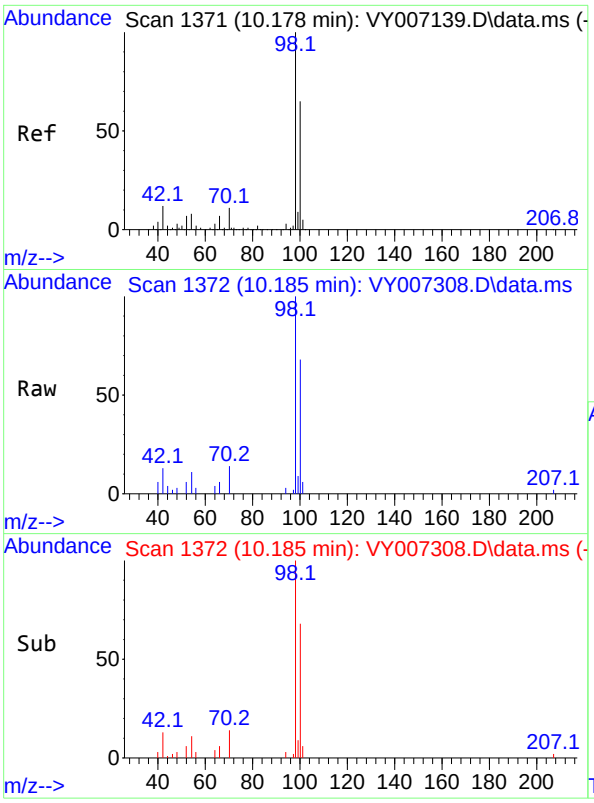


#35
Dibromofluoromethane
Concen: 59.001 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007308.D
Acq: 26 Jan 2022 15:53

Tgt Ion:113 Resp: 1913

Ion	Ratio	Lower	Upper
113	100		
111	92.9	82.2	123.4
192	12.3	14.2	21.4#



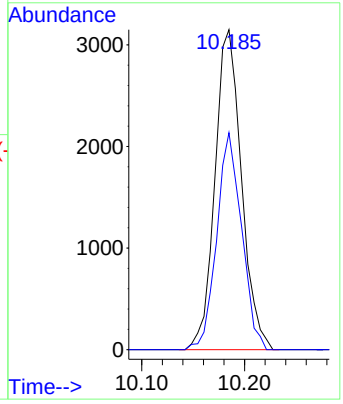


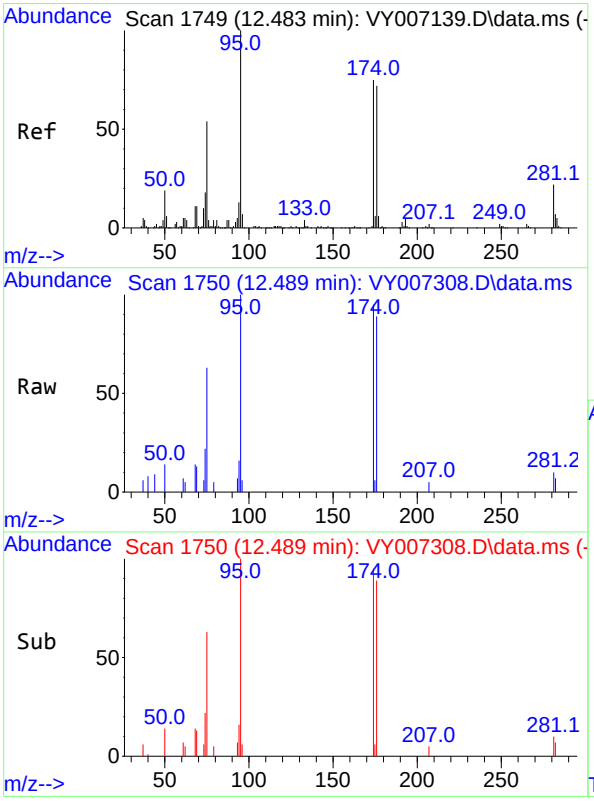
#50
Toluene-d8
Concen: 47.640 ug/l
RT: 10.185 min Scan# 1
Delta R.T. 0.007 min
Lab File: VY007308.D
Acq: 26 Jan 2022 15:53

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 98 Resp: 5644

Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.2	78.2

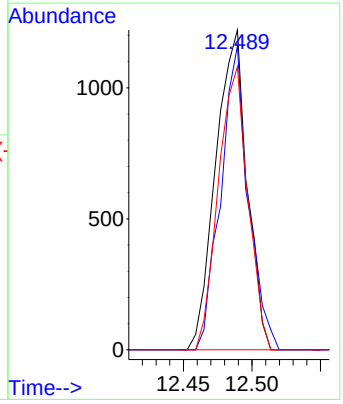


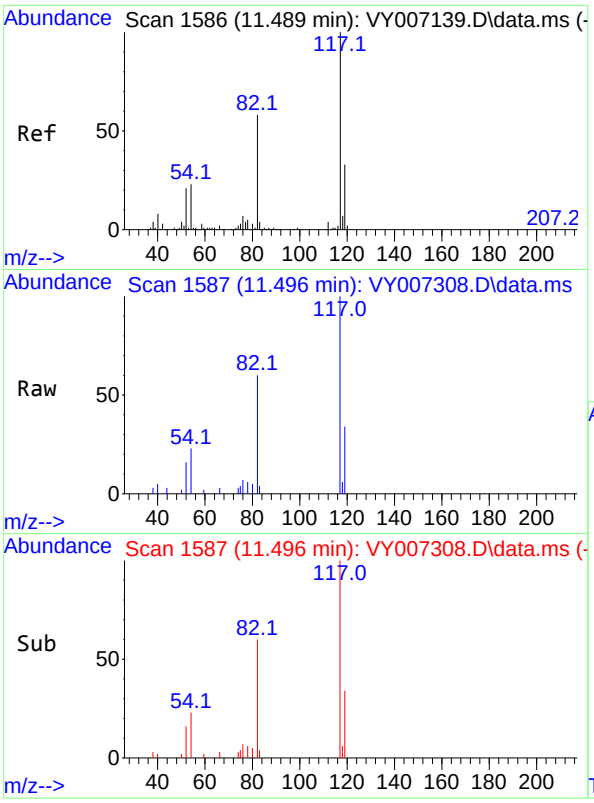


#62
4-Bromofluorobenzene
Concen: 45.987 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.007 min
Lab File: VY007308.D
Acq: 26 Jan 2022 15:53

Tgt Ion: 95 Resp: 1938

Ion	Ratio	Lower	Upper
95	100		
174	83.9	0.0	148.4
176	83.4	0.0	146.6



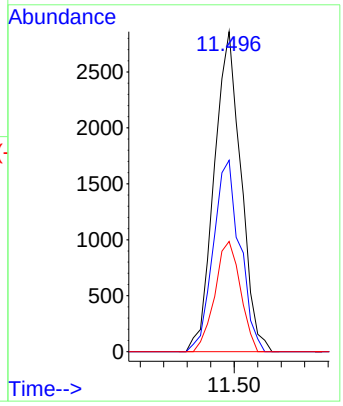


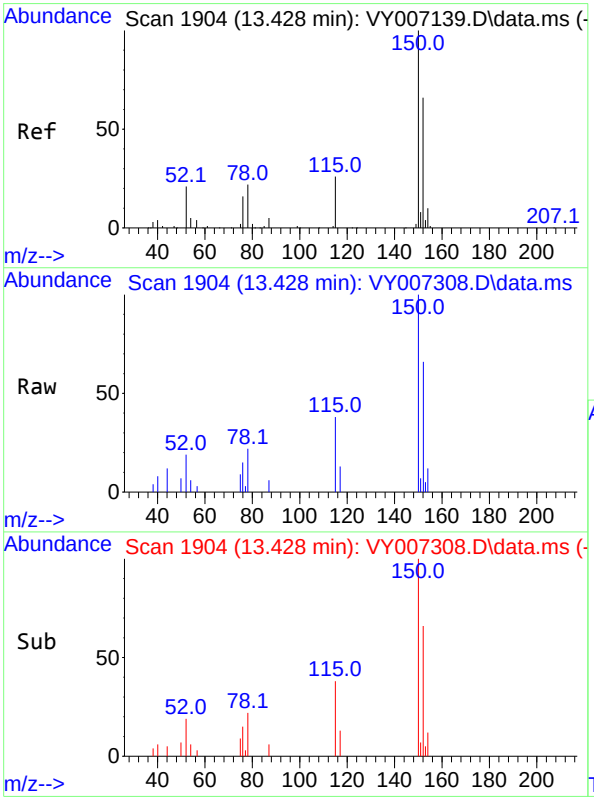
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY007308.D
Acq: 26 Jan 2022 15:53

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:117 Resp: 4526

Ion	Ratio	Lower	Upper
117	100		
82	59.8	45.4	68.0
119	34.4	26.4	39.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007308.D
Acq: 26 Jan 2022 15:53

Tgt Ion:152 Resp: 1792

Ion	Ratio	Lower	Upper
152	100		
115	61.9	31.4	94.0
150	162.0	0.0	348.4