Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
Data File : VY015132.D
Acq On : 16 Aug 2023 03:16
Operator : SY/MD
Sample : 03973-11RE
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-06-11.5-12.0RE

Quant Time: Aug 16 04:27:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	14131	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	22953	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	22053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	8901	52.473	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.940%			
35) Dibromofluoromethane	7.722	113	7030	47.608	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.220%			
50) Toluene-d8	10.185	98	26513	48.232	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.460%			
62) 4-Bromofluorobenzene	12.483	95	9356	46.600	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 93.200%			
Target Compounds						Qvalue

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

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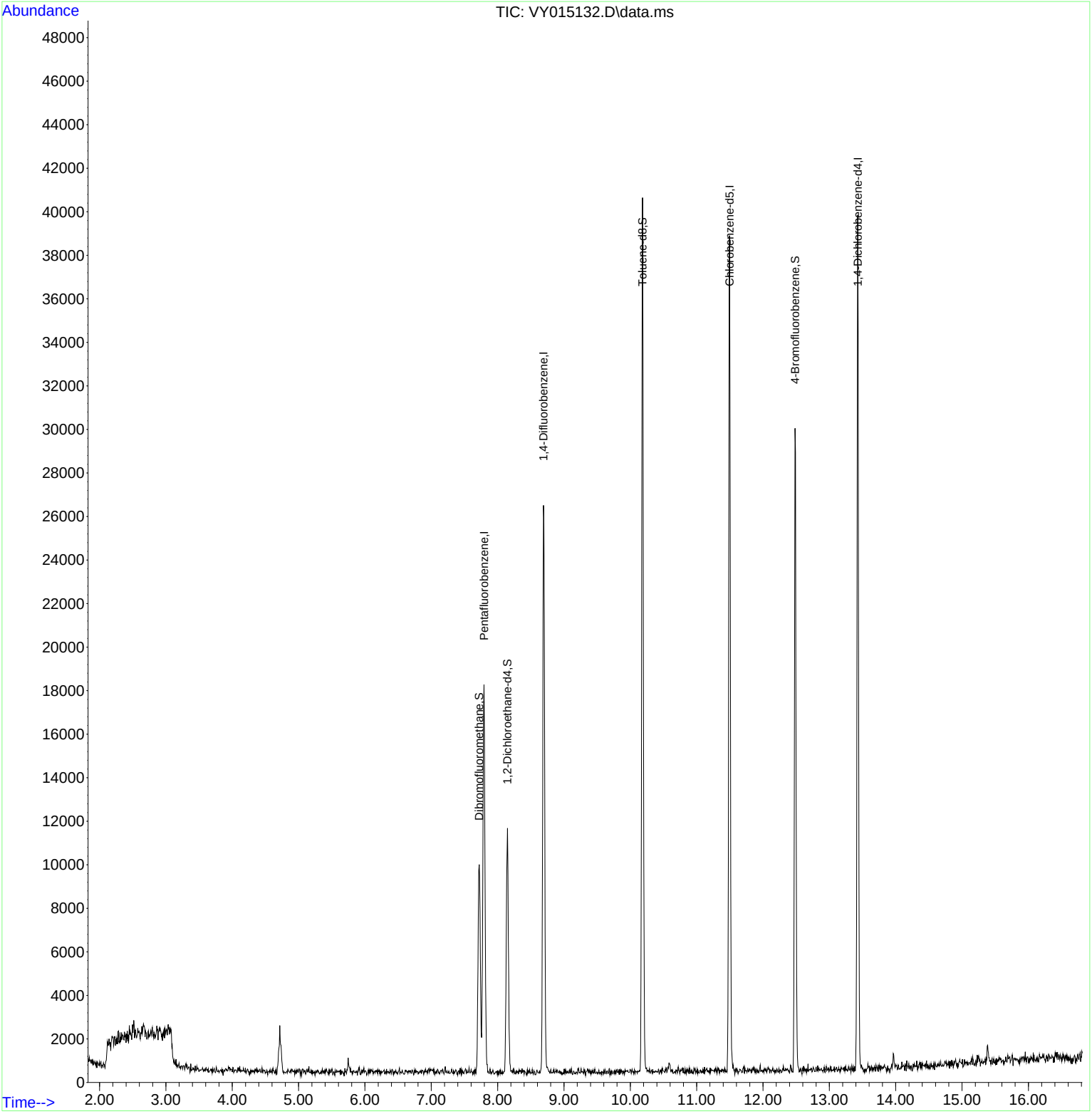
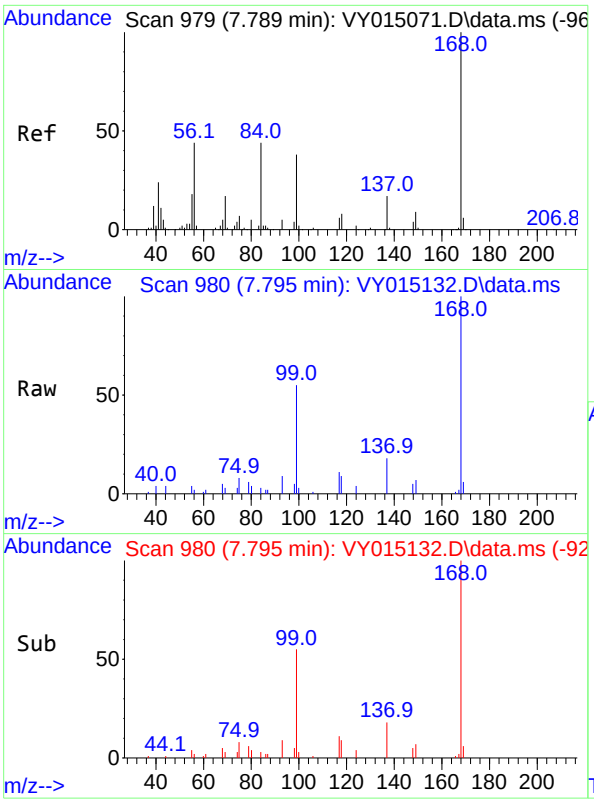


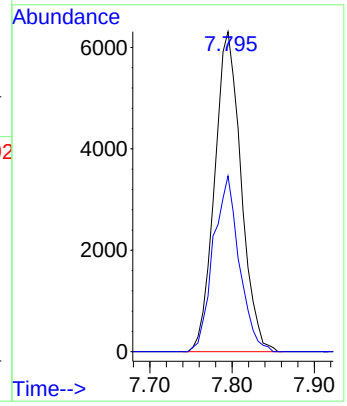


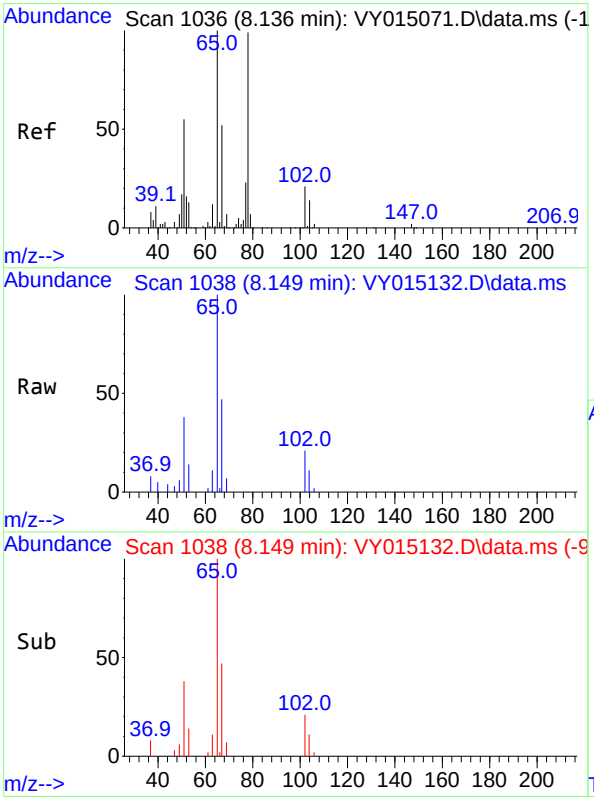
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 9
Delta R.T. 0.012 min
Lab File: VY015132.D
Acq: 16 Aug 2023 03:16

Instrument :
MSVOA_Y
ClientSampleId :
SB-06-11.5-12.0RE

Tgt Ion:168 Resp: 14131

Ion	Ratio	Lower	Upper
168	100		
99	54.9	43.4	65.0

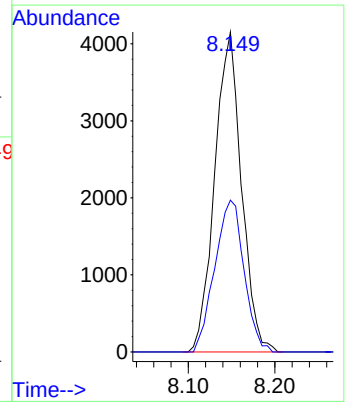


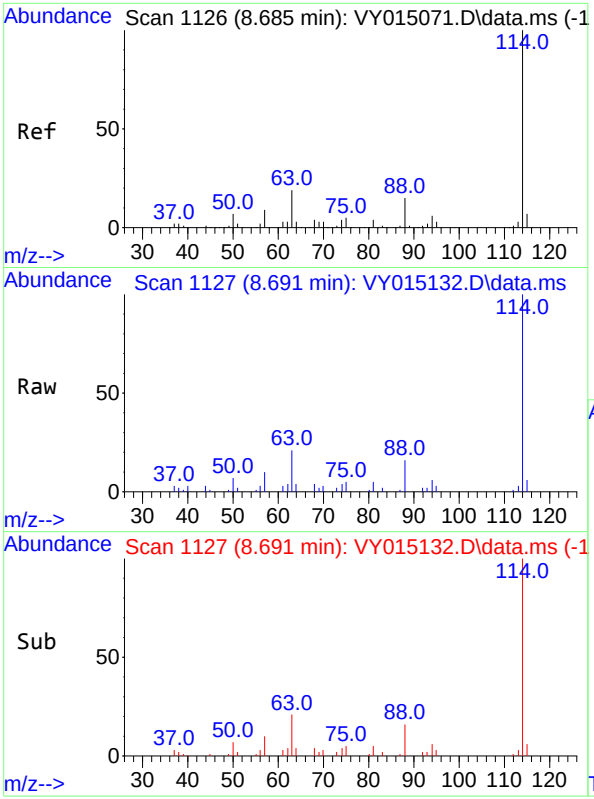


#33
1,2-Dichloroethane-d4
Concen: 52.473 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VY015132.D
Acq: 16 Aug 2023 03:16

Tgt Ion: 65 Resp: 8901

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	101.8



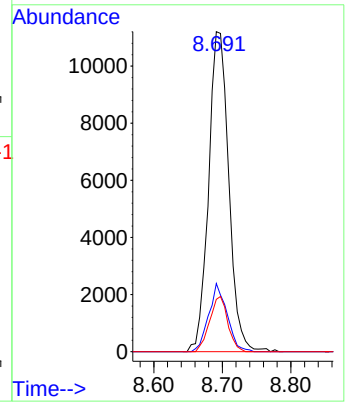


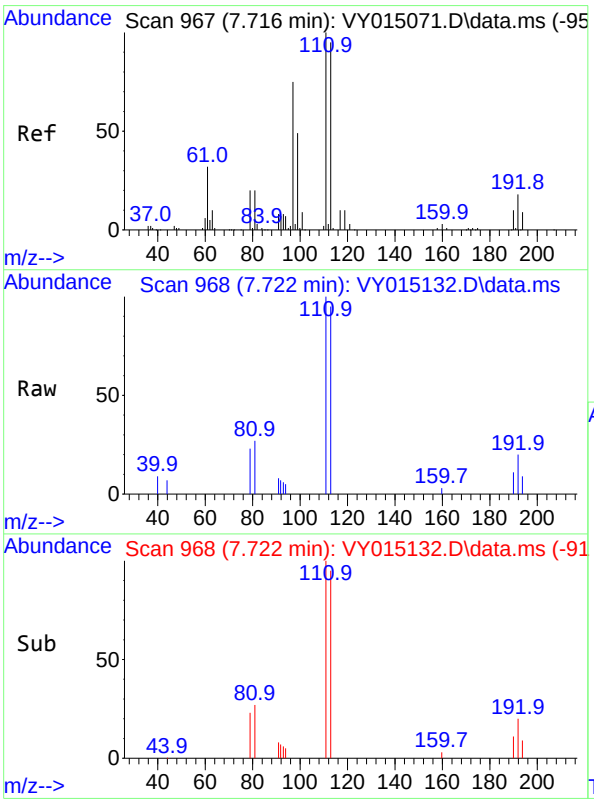
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015132.D
Acq: 16 Aug 2023 03:16

Instrument :
MSVOA_Y
ClientSampleId :
SB-06-11.5-12.0RE

Tgt Ion:114 Resp: 22953

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	42.4
88	16.3	0.0	30.6

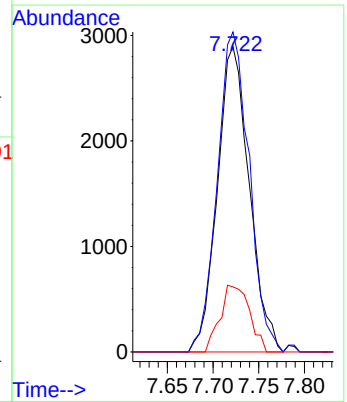


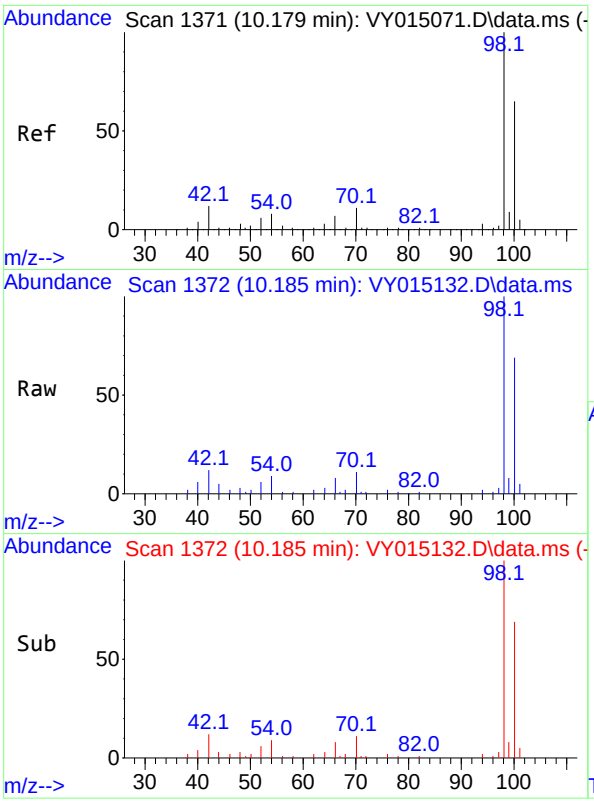


#35
Dibromofluoromethane
Concen: 47.608 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY015132.D
Acq: 16 Aug 2023 03:16

Tgt Ion:113 Resp: 7030

Ion	Ratio	Lower	Upper
113	100		
111	104.6	81.3	121.9
192	20.0	16.9	25.3



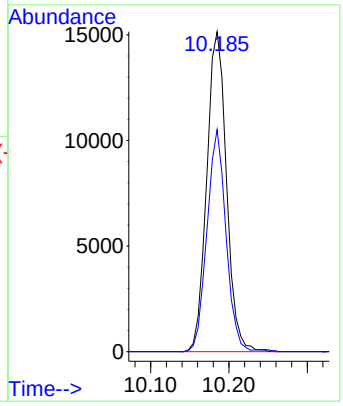


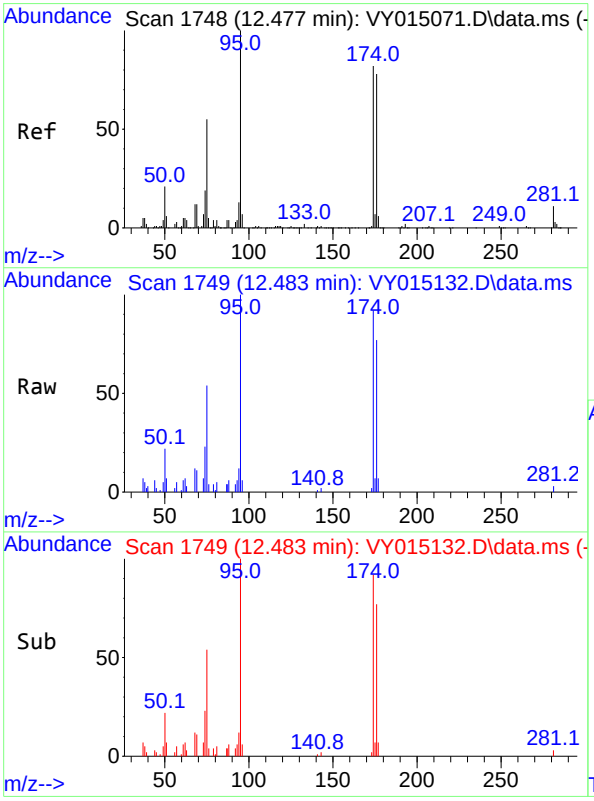
#50
Toluene-d8
Concen: 48.232 ug/l
RT: 10.185 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY015132.D
Acq: 16 Aug 2023 03:16

Instrument :
MSVOA_Y
ClientSampleId :
SB-06-11.5-12.0RE

Tgt Ion: 98 Resp: 26513

Ion	Ratio	Lower	Upper
98	100		
100	67.0	50.1	75.1

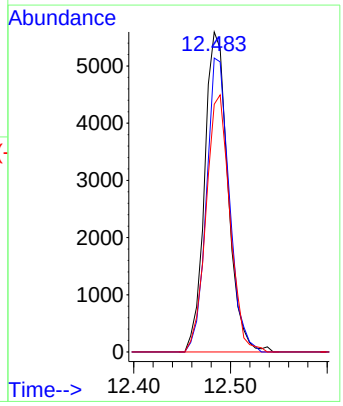


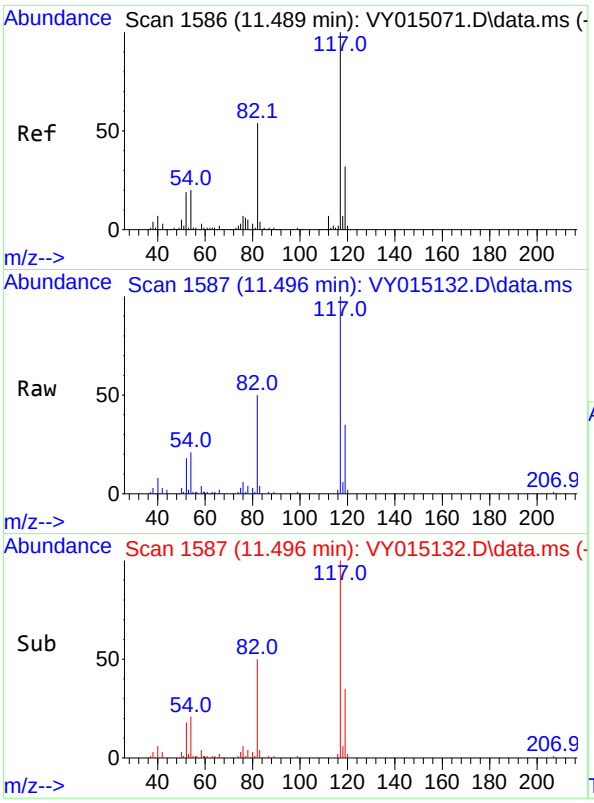


#62
4-Bromofluorobenzene
Concen: 46.600 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015132.D
Acq: 16 Aug 2023 03:16

Tgt Ion: 95 Resp: 9356

Ion	Ratio	Lower	Upper
95	100		
174	89.8	0.0	178.2
176	82.0	0.0	173.8



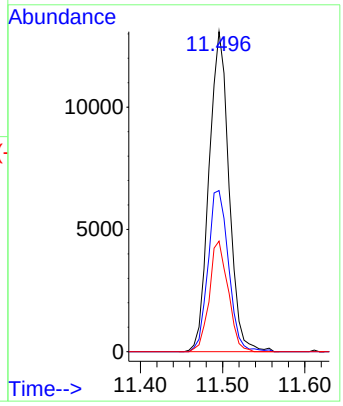


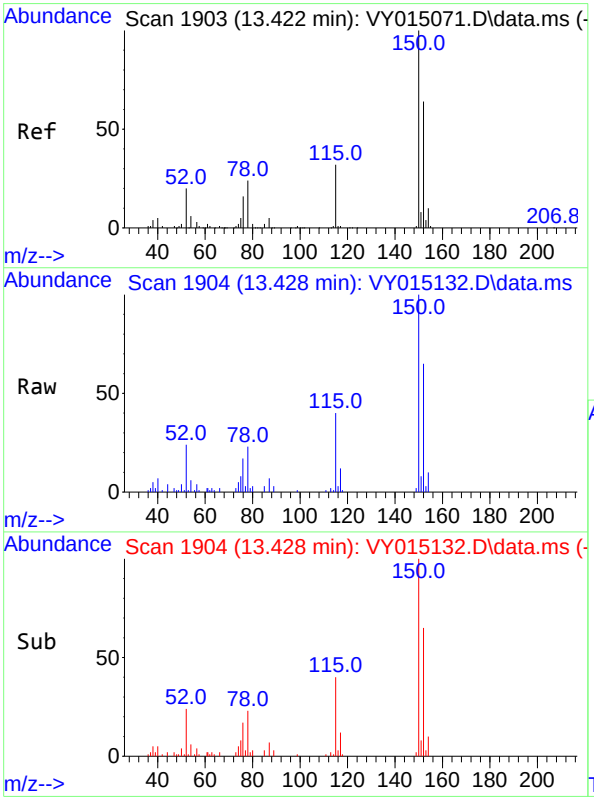
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY015132.D
Acq: 16 Aug 2023 03:16

Instrument :
MSVOA_Y
ClientSampleId :
SB-06-11.5-12.0RE

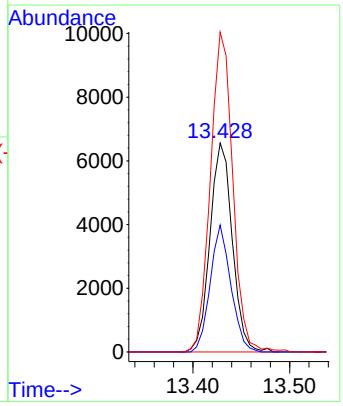
Tgt Ion:117 Resp: 22053

Ion	Ratio	Lower	Upper
117	100		
82	50.3	43.4	65.0
119	34.5	26.3	39.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015132.D
Acq: 16 Aug 2023 03:16

Tgt Ion:152 Resp: 10549

Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.8	86.5
150	153.3	0.0	348.8