Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020323\
Data File : VY012481.D
Acq On : 03 Feb 2023 16:47
Operator : KP/MD
Sample : 01414-04
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SASP2-123-2(55-62)

Quant Time: Feb 04 00:11:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	169212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	286309	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	282042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	99774	72.940	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 145.880%			
35) Dibromofluoromethane	7.716	113	85256	56.237	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.480%			
50) Toluene-d8	10.179	98	337801	65.668	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 131.340%			
62) 4-Bromofluorobenzene	12.483	95	115393	53.995	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.980%			
Target Compounds						Qvalue

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

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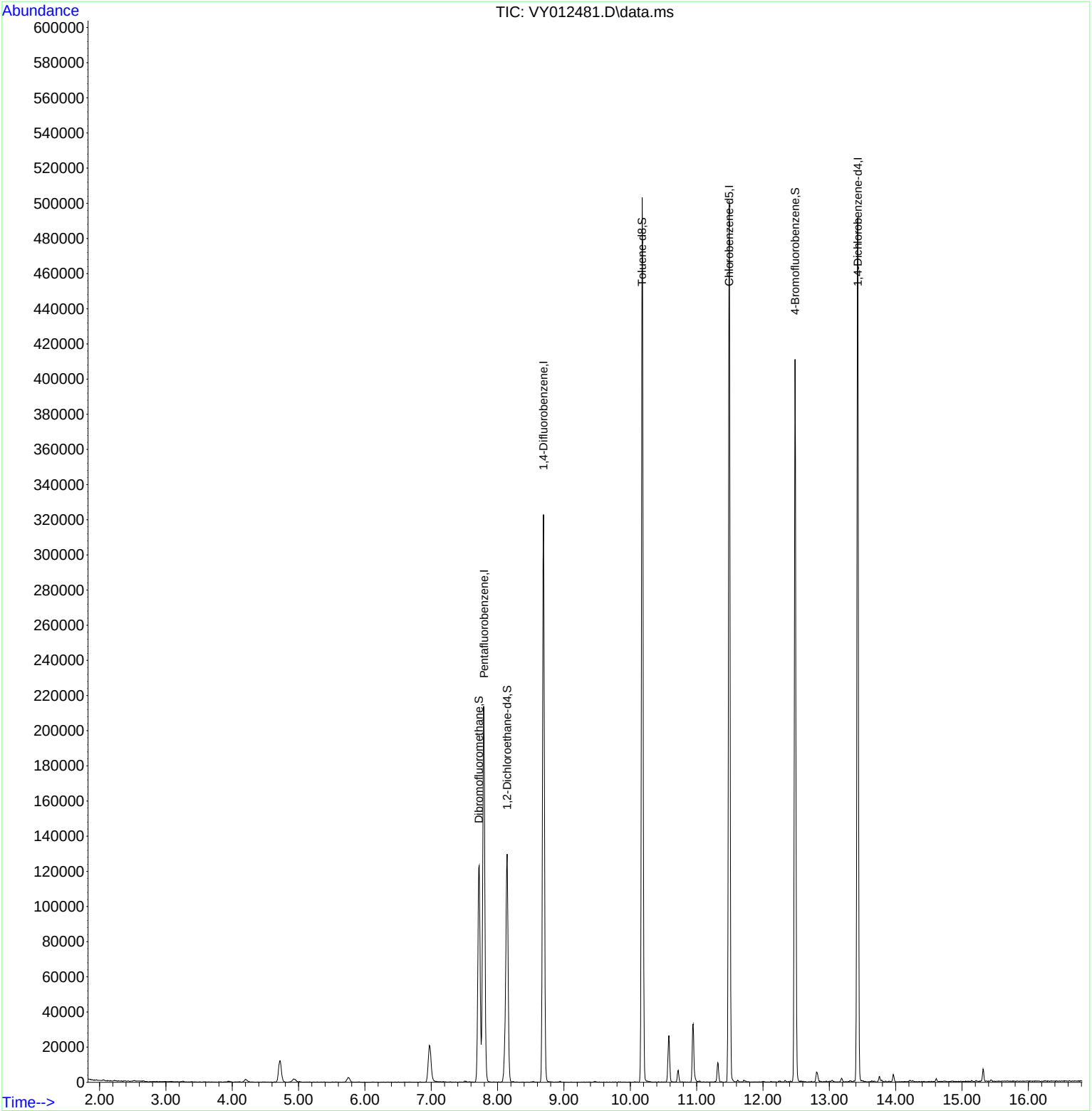
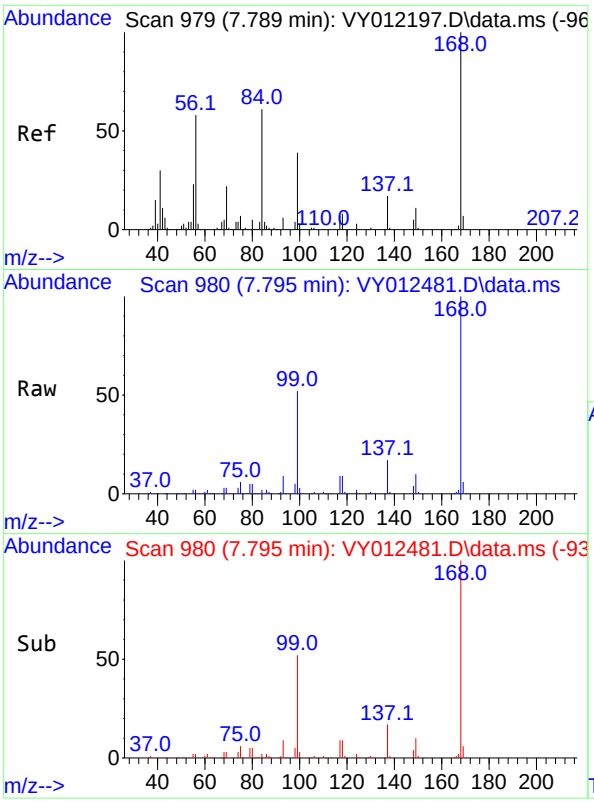


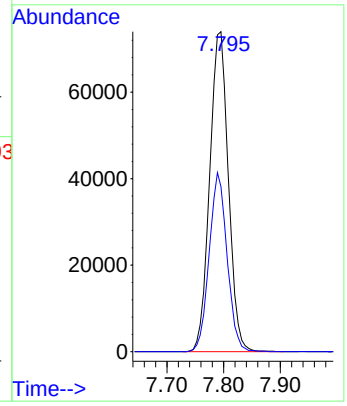


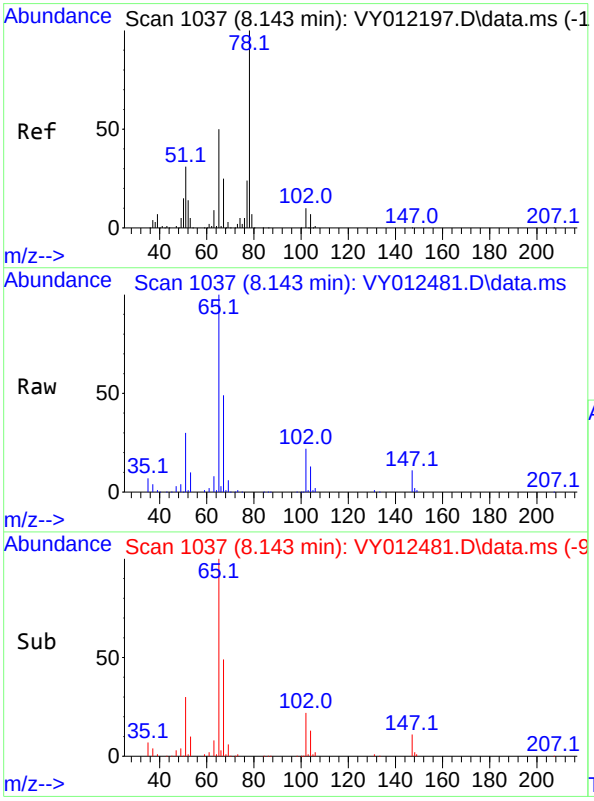
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY012481.D
Acq: 03 Feb 2023 16:47

Instrument :
MSVOA_Y
ClientSampleId :
SASP2-123-2(55-62)

Tgt Ion:168 Resp: 169212

Ion	Ratio	Lower	Upper
168	100		
99	51.5	44.0	66.0

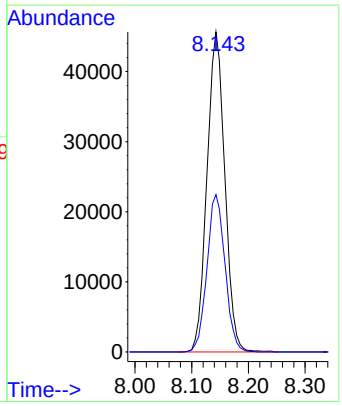


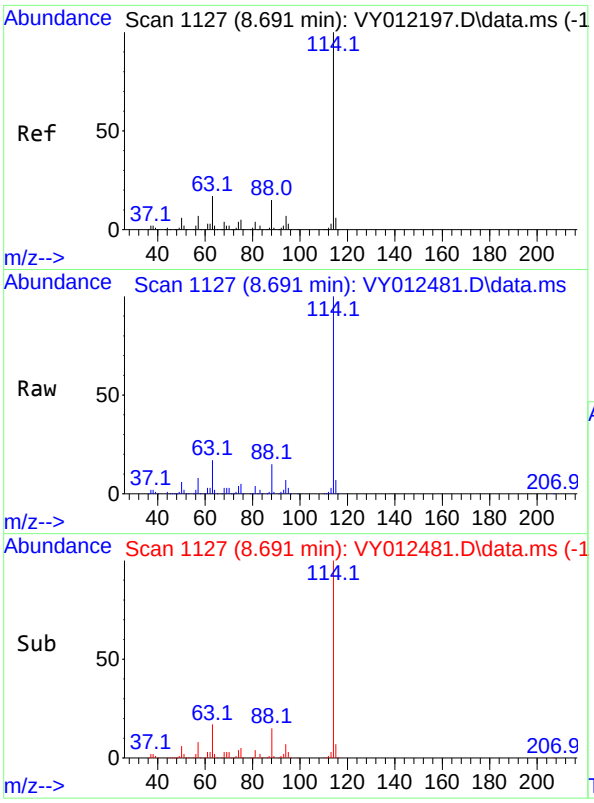


#33
1,2-Dichloroethane-d4
Concen: 72.940 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012481.D
Acq: 03 Feb 2023 16:47

Tgt Ion: 65 Resp: 99774

Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	103.2



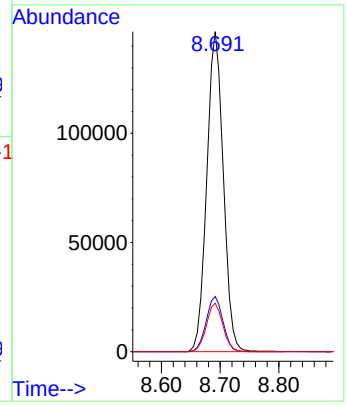


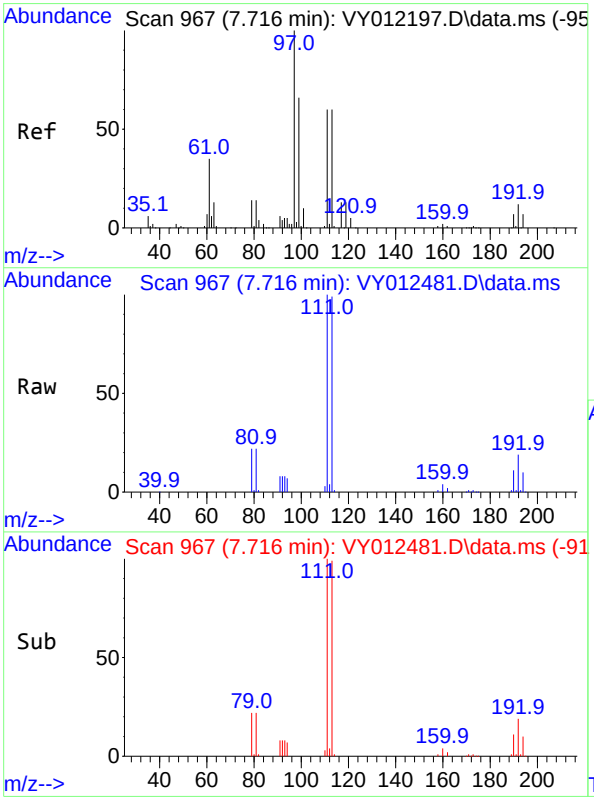
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012481.D
Acq: 03 Feb 2023 16:47

Instrument :
MSVOA_Y
ClientSampleId :
SASP2-123-2(55-62)

Tgt Ion:114 Resp: 286309

Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	39.6
88	15.1	0.0	32.2

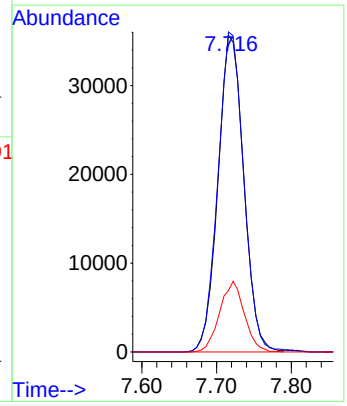


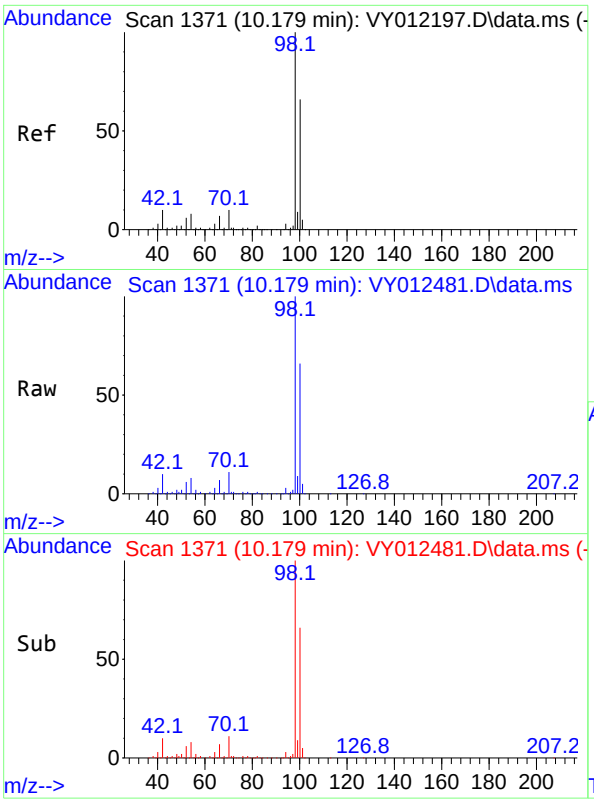


#35
Dibromofluoromethane
Concen: 56.237 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012481.D
Acq: 03 Feb 2023 16:47

Tgt Ion:113 Resp: 85256

Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.0	124.4
192	21.5	16.0	24.0



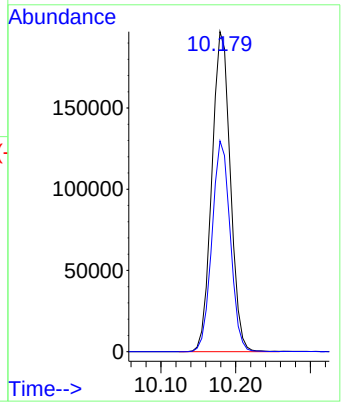


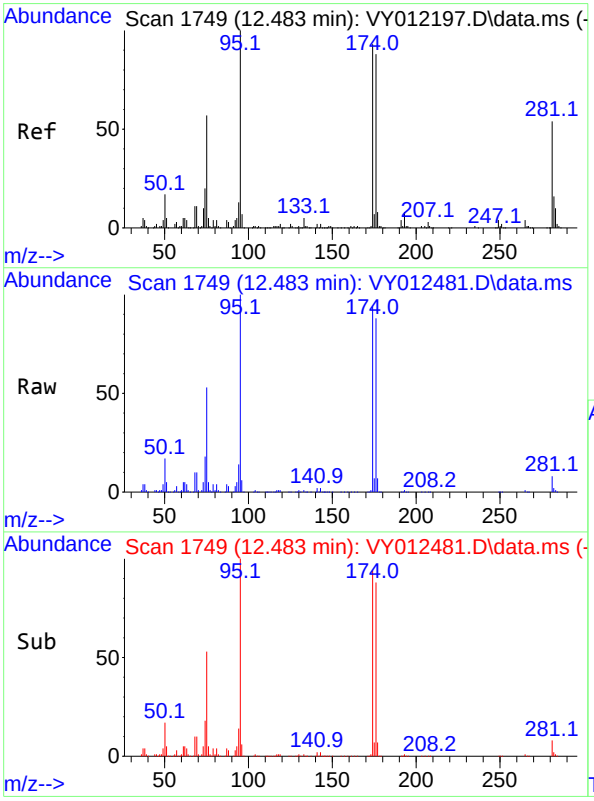
#50
Toluene-d8
Concen: 65.668 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY012481.D
Acq: 03 Feb 2023 16:47

Instrument :
MSVOA_Y
ClientSampleId :
SASP2-123-2(55-62)

Tgt Ion: 98 Resp: 337801

Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.9	77.9

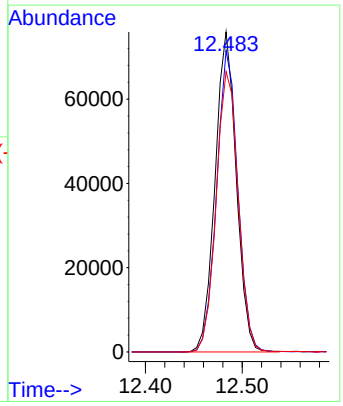


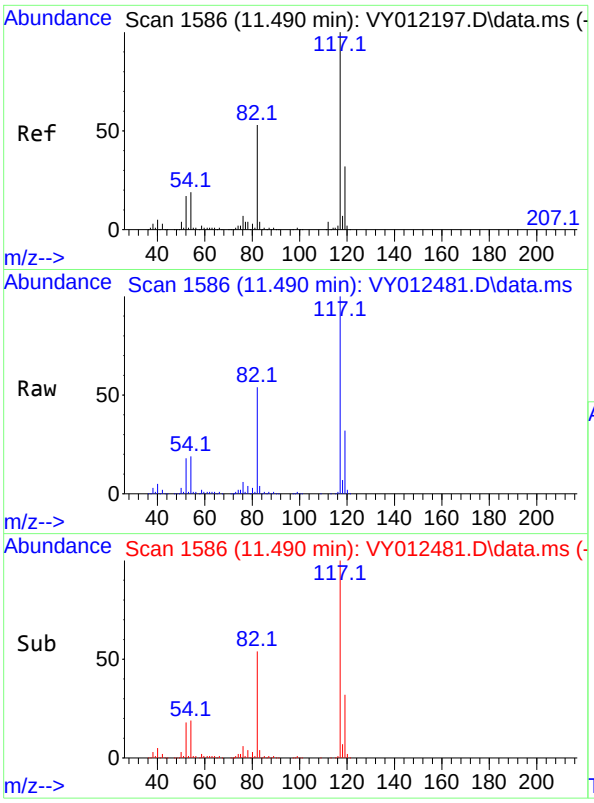


#62
4-Bromofluorobenzene
Concen: 53.995 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012481.D
Acq: 03 Feb 2023 16:47

Tgt Ion: 95 Resp: 115393

Ion	Ratio	Lower	Upper
95	100		
174	94.4	0.0	172.0
176	91.0	0.0	167.6



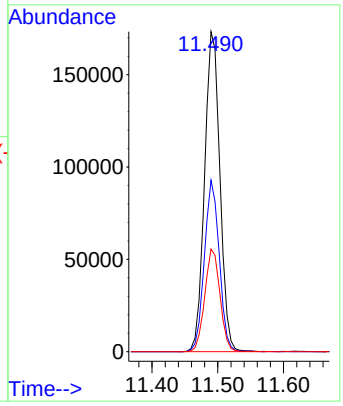


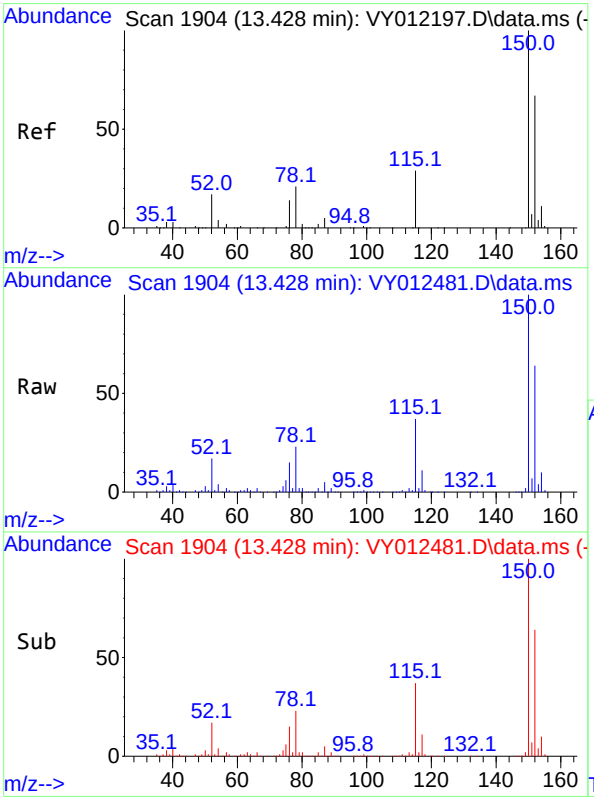
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY012481.D
Acq: 03 Feb 2023 16:47

Instrument :
MSVOA_Y
ClientSampleId :
SASP2-123-2(55-62)

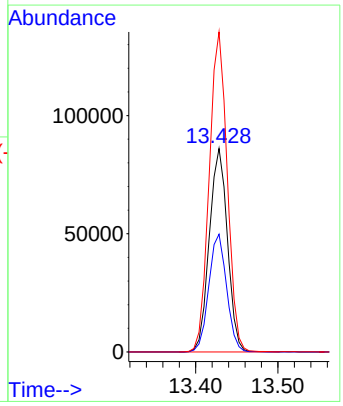
Tgt Ion:117 Resp: 282042

Ion	Ratio	Lower	Upper
117	100		
82	53.5	44.8	67.2
119	32.1	25.4	38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012481.D
Acq: 03 Feb 2023 16:47

Tgt Ion:152 Resp: 131947

Ion	Ratio	Lower	Upper
152	100		
115	57.1	29.1	87.3
150	156.4	0.0	342.6