Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081122\
Data File : VY009977.D
Acq On : 11 Aug 2022 20:29
Operator : KP/MD
Sample : N4093-03
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BLDG-4-BASEMENT-DRUM

Quant Time: Aug 12 02:50:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081022S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 10 17:37:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	64238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	129971	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	124889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	51849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	25654	51.521	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.040%			
35) Dibromofluoromethane	7.710	113	24948	33.361	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 66.720%			
50) Toluene-d8	10.173	98	92849	41.441	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 82.880%			
62) 4-Bromofluorobenzene	12.477	95	26510	25.216	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 50.440%			
Target Compounds						Qvalue
16) Acetone	3.936	43	4249	26.292	ug/l	96
20) Methylene Chloride	4.704	84	17108	17.991	ug/l	90

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

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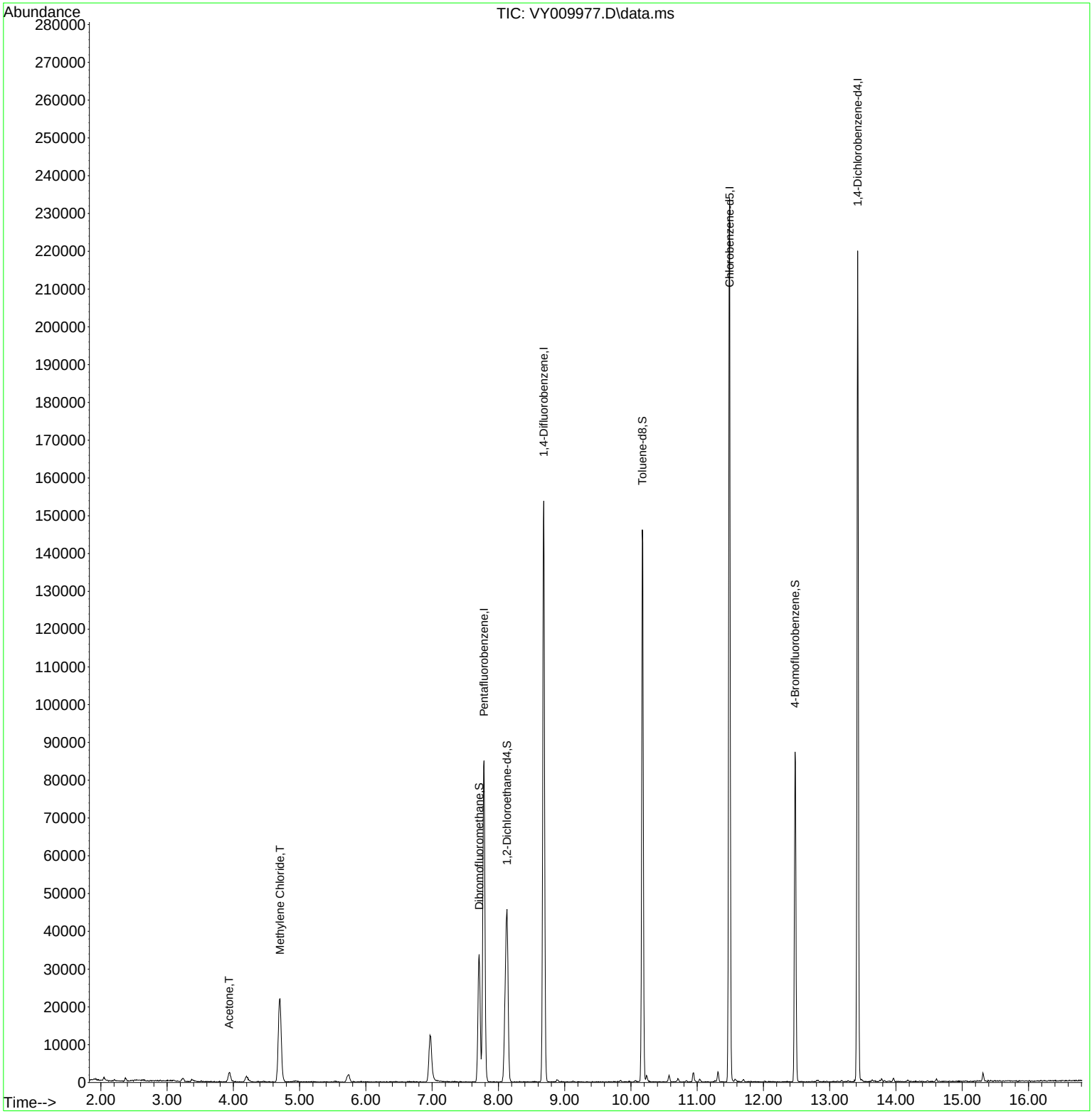
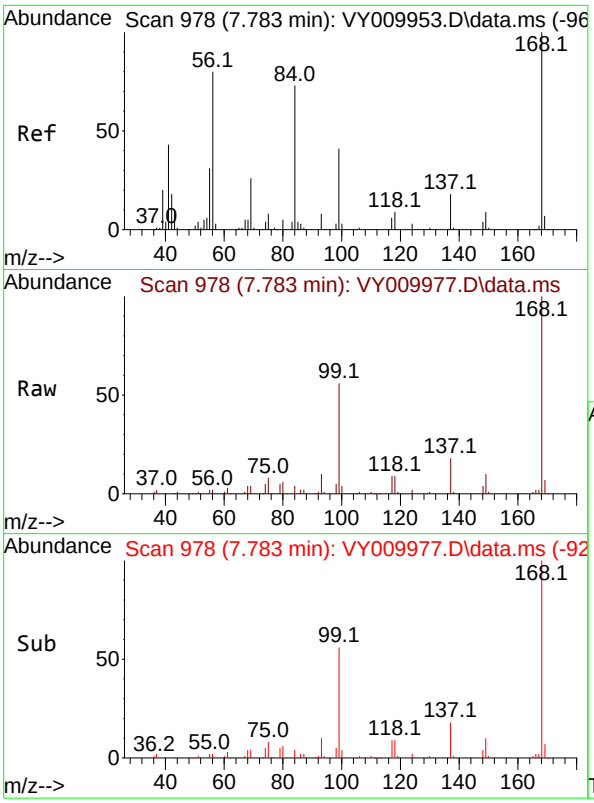


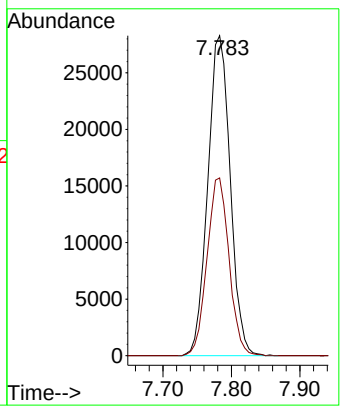


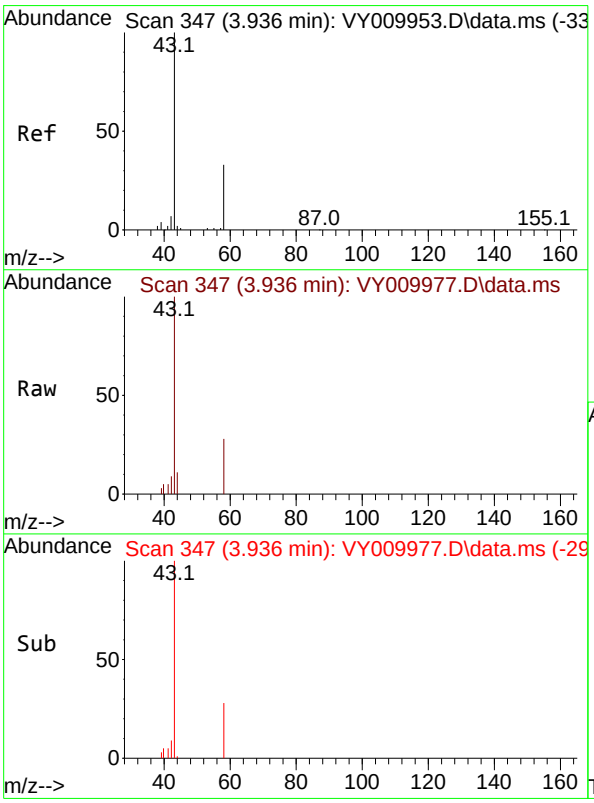
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY009977.D
Acq: 11 Aug 2022 20:29

Instrument :
MSVOA_Y
ClientSampleId :
BLDG-4-BASEMENT-DRUM

Tgt Ion:168 Resp: 64238

Ion	Ratio	Lower	Upper
168	100		
99	55.5	42.1	63.1

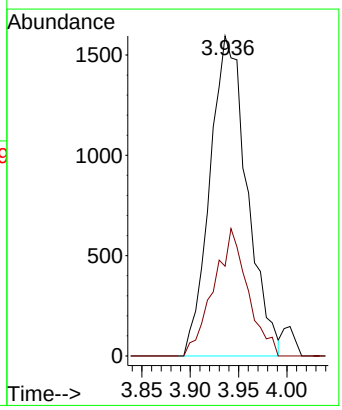


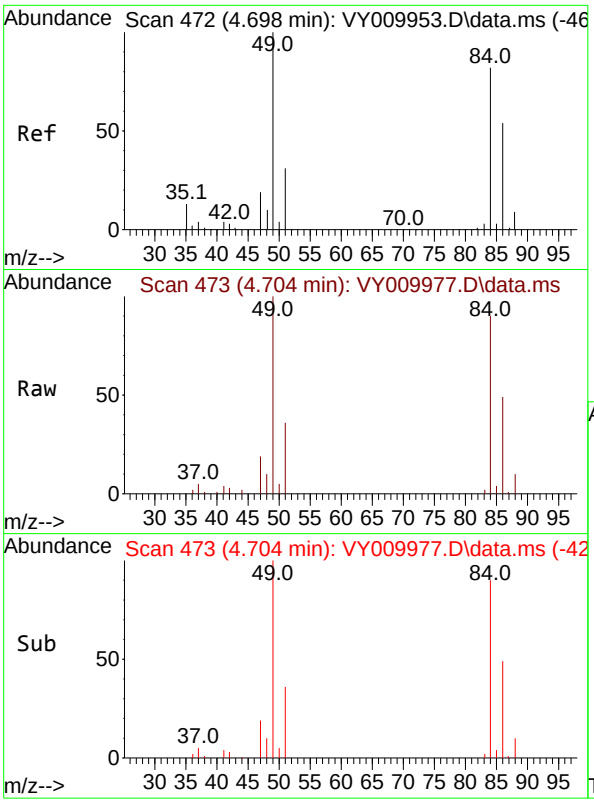


#16
Acetone
Concen: 26.292 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009977.D
Acq: 11 Aug 2022 20:29

Tgt Ion: 43 Resp: 4249

Ion	Ratio	Lower	Upper
43	100		
58	28.0	24.0	36.0



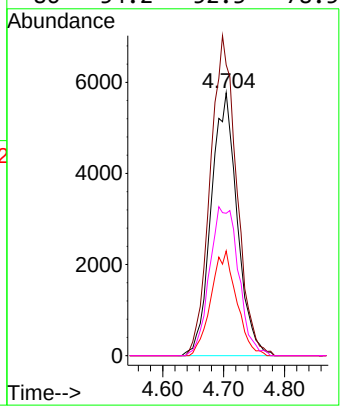


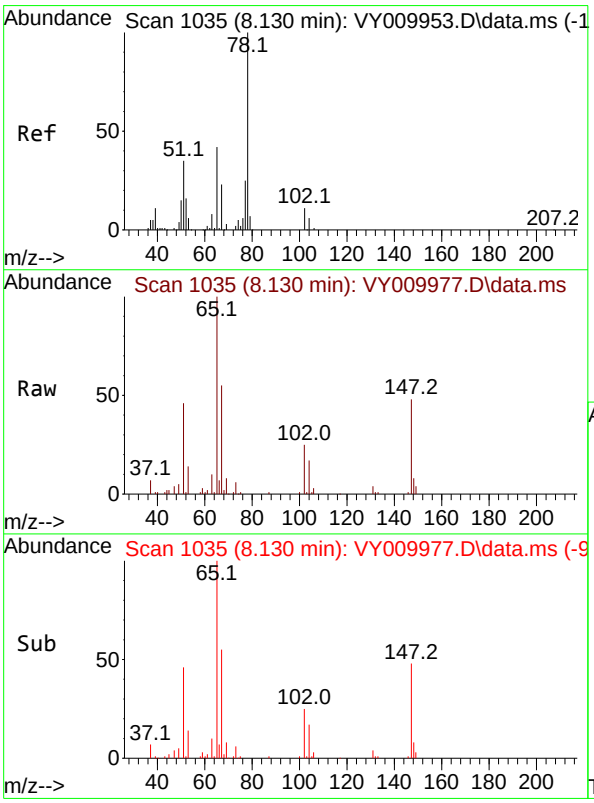
#20
Methylene Chloride
Concen: 17.991 ug/l
RT: 4.704 min Scan# 4
Delta R.T. 0.006 min
Lab File: VY009977.D
Acq: 11 Aug 2022 20:29

Instrument :
MSVOA_Y
ClientSampleId :
BLDG-4-BASEMENT-DRUM

Tgt Ion: 84 Resp: 17108

Ion	Ratio	Lower	Upper
84	100		
49	110.6	98.2	147.4
51	39.9	33.4	50.0
86	54.2	52.3	78.5

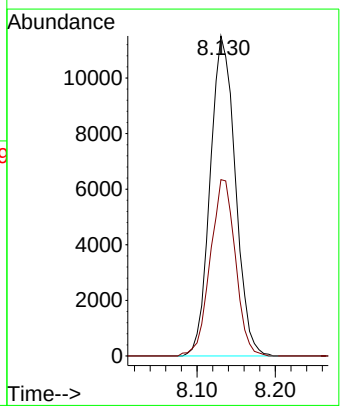


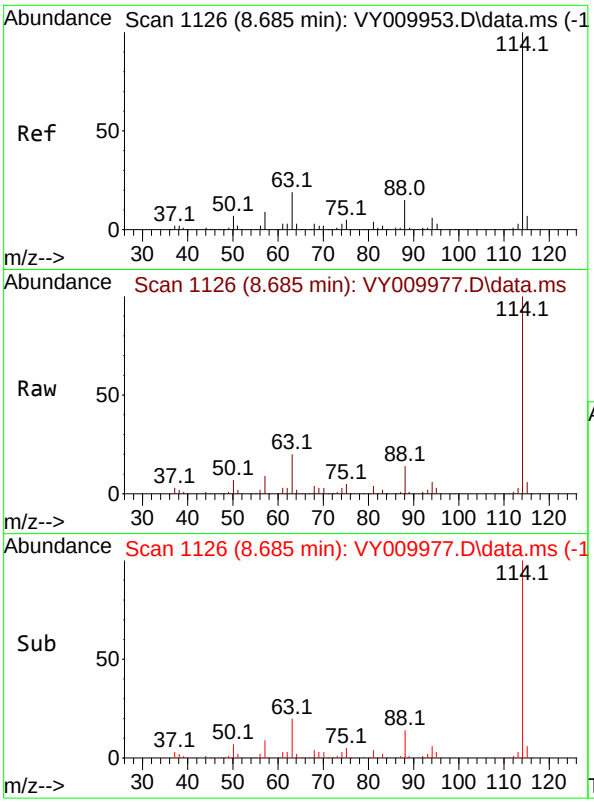


#33
1,2-Dichloroethane-d4
Concen: 51.521 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009977.D
Acq: 11 Aug 2022 20:29

Tgt Ion: 65 Resp: 25654

Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	108.4



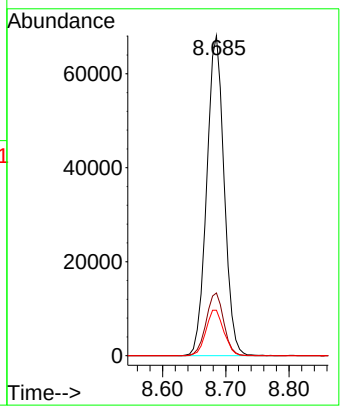


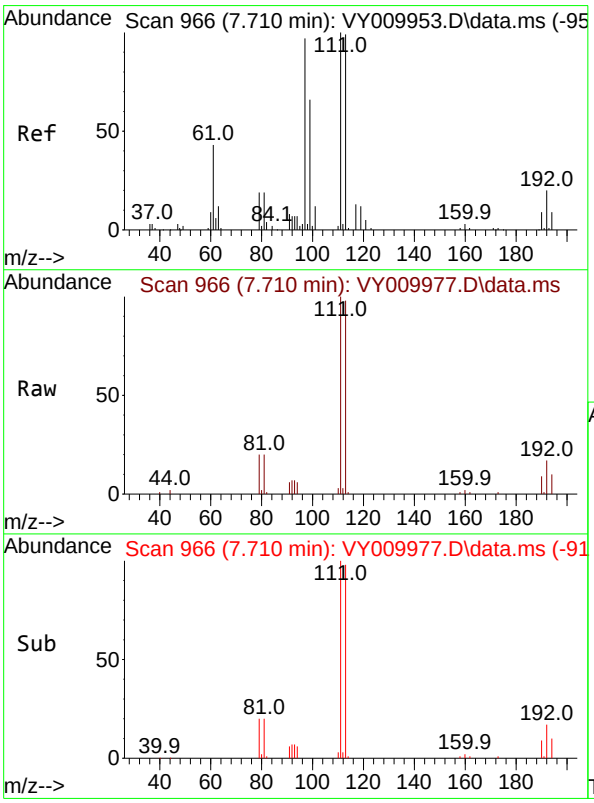
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009977.D
Acq: 11 Aug 2022 20:29

Instrument :
MSVOA_Y
ClientSampleId :
BLDG-4-BASEMENT-DRUM

Tgt Ion:114 Resp: 129971

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	38.0
88	14.2	0.0	30.0

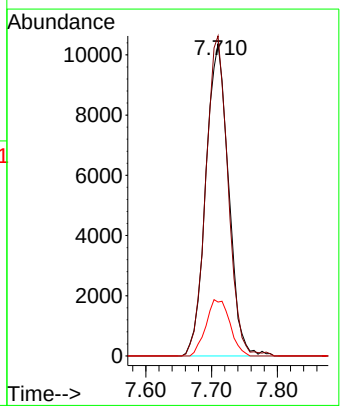


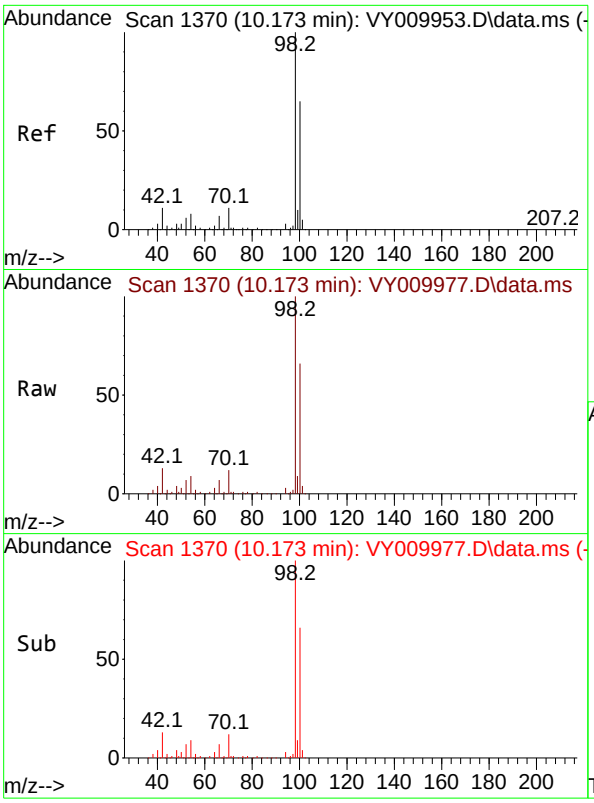


#35
Dibromofluoromethane
Concen: 33.361 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009977.D
Acq: 11 Aug 2022 20:29

Tgt Ion:113 Resp: 24948

Ion	Ratio	Lower	Upper
113	100		
111	99.9	80.6	120.8
192	19.0	16.2	24.4



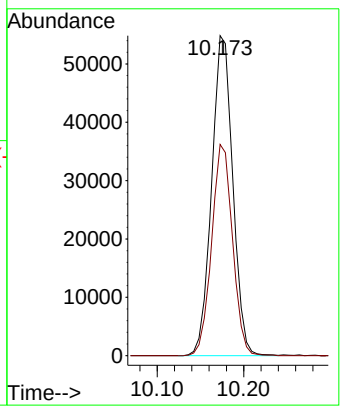


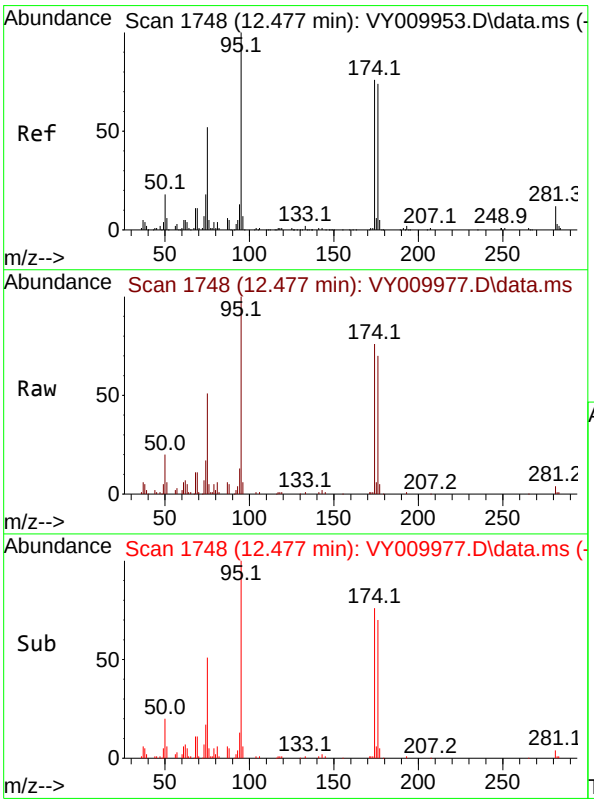
#50
Toluene-d8
Concen: 41.441 ug/l
RT: 10.173 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY009977.D
Acq: 11 Aug 2022 20:29

Instrument :
MSVOA_Y
ClientSampleId :
BLDG-4-BASEMENT-DRUM

Tgt Ion: 98 Resp: 92849

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.9	79.3

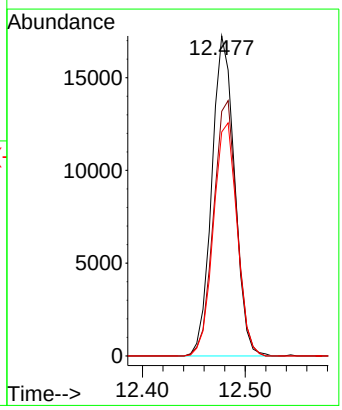


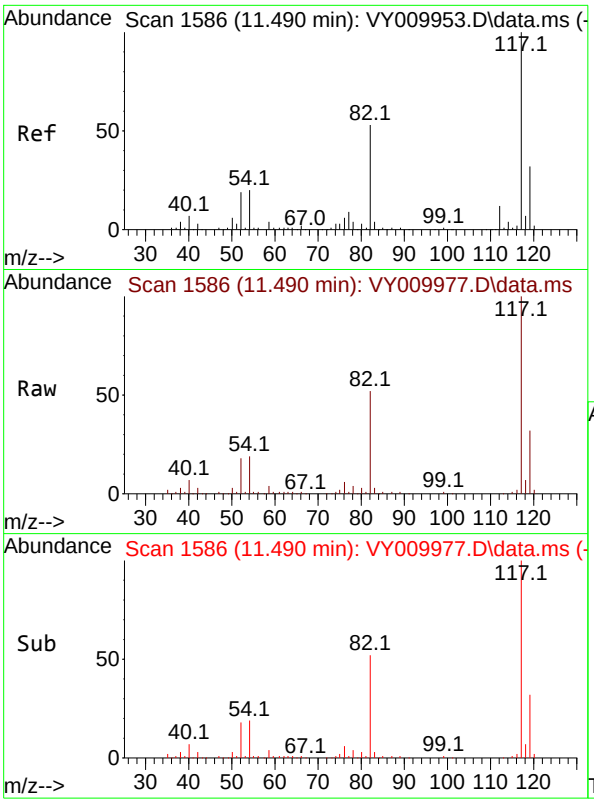


#62
4-Bromofluorobenzene
Concen: 25.216 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009977.D
Acq: 11 Aug 2022 20:29

Tgt Ion: 95 Resp: 26510

Ion	Ratio	Lower	Upper
95	100		
174	81.7	0.0	173.8
176	75.9	0.0	167.0



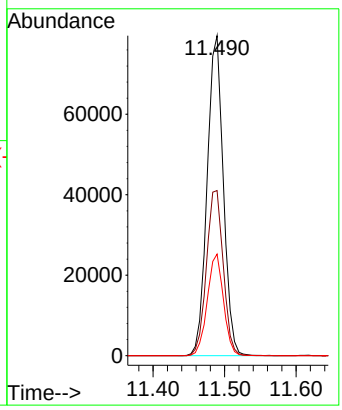


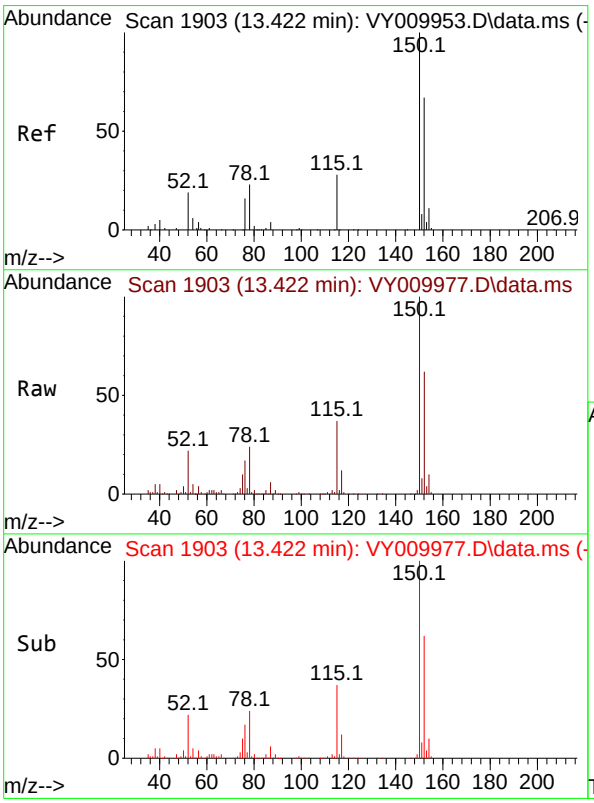
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY009977.D
Acq: 11 Aug 2022 20:29

Instrument :
MSVOA_Y
ClientSampleId :
BLDG-4-BASEMENT-DRUM

Tgt Ion:117 Resp: 124889

Ion	Ratio	Lower	Upper
117	100		
82	51.6	41.8	62.6
119	31.8	25.6	38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009977.D
Acq: 11 Aug 2022 20:29

Tgt Ion:152 Resp: 51849

Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.6	85.9
150	156.0	0.0	349.8