Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081122\
Data File : VY009962.D
Acq On : 11 Aug 2022 14:34
Operator : KP/MD
Sample : N4093-01
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Aug 12 02:49:02 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	43442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	79627	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	76426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	28797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	25272	77.958	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 155.920%			
35) Dibromofluoromethane	7.709	113	24751	54.024	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.040%			
50) Toluene-d8	10.178	98	92441	71.891	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 143.780%#			
62) 4-Bromofluorobenzene	12.477	95	27209	42.244	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 84.480%			
Target Compounds						Qvalue
16) Acetone	3.936	43	4960	45.384	ug/l	90
20) Methylene Chloride	4.698	84	24792	43.037	ug/l	99
25) 2-Butanone	6.972	43	1550	8.288	ug/l #	80

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

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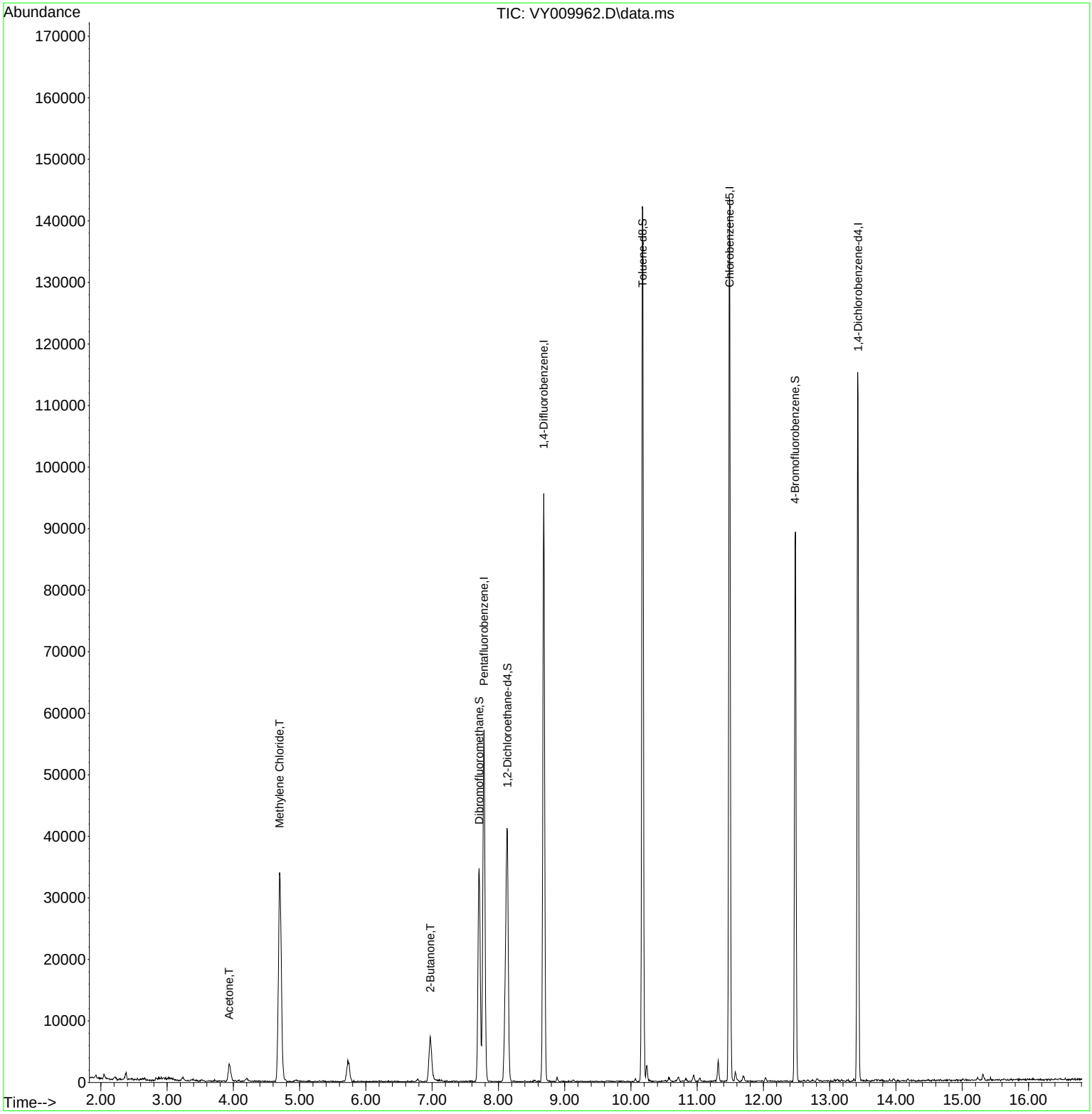
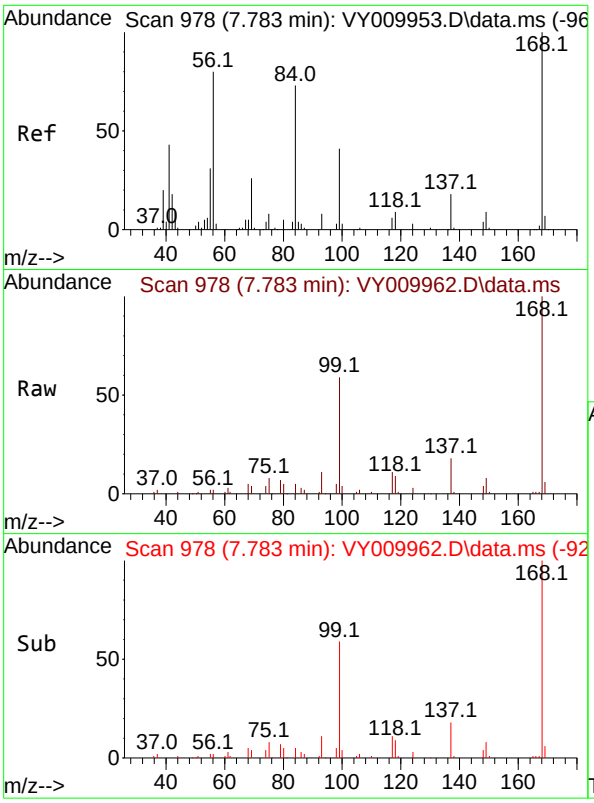


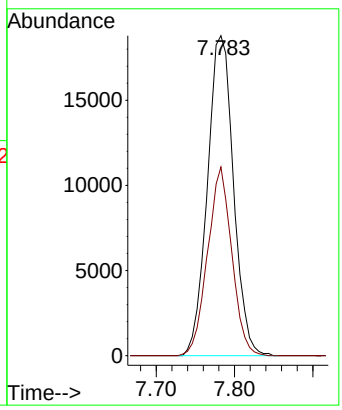


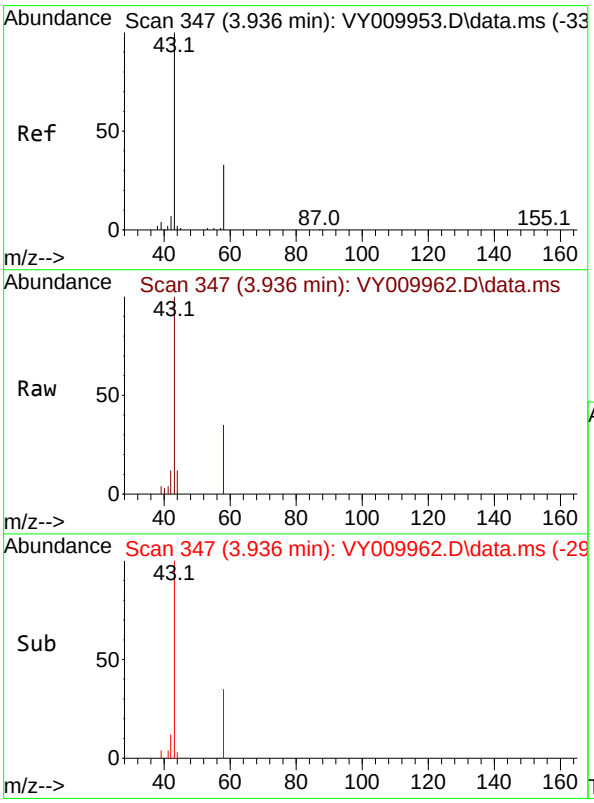
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY009962.D
Acq: 11 Aug 2022 14:34

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

Tgt Ion:168 Resp: 43442

Ion	Ratio	Lower	Upper
168	100		
99	58.9	42.1	63.1

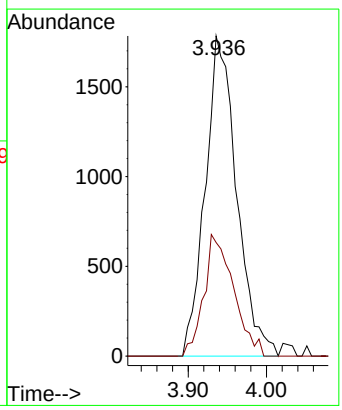


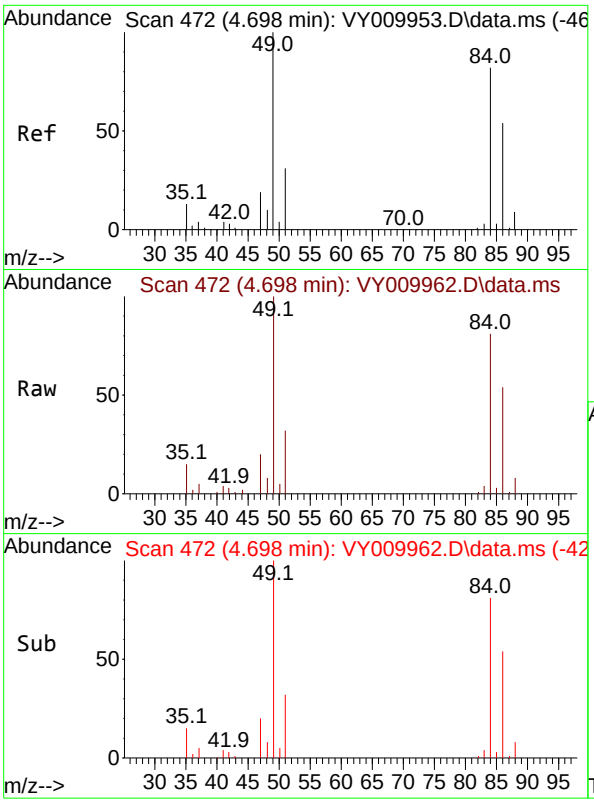


#16
Acetone
Concen: 45.384 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009962.D
Acq: 11 Aug 2022 14:34

Tgt Ion: 43 Resp: 4960

Ion	Ratio	Lower	Upper
43	100		
58	35.4	24.0	36.0



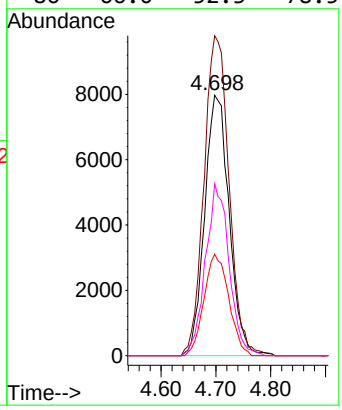


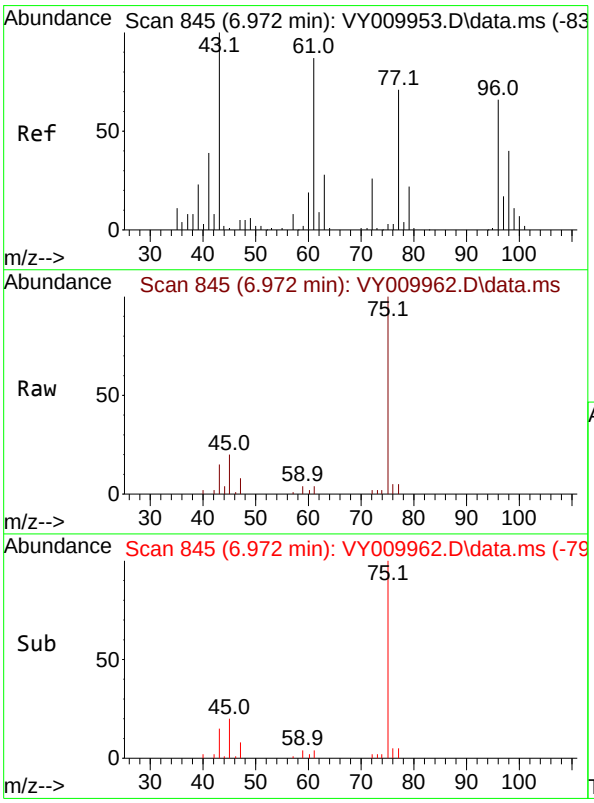
#20
Methylene Chloride
Concen: 43.037 ug/l
RT: 4.698 min Scan# 4
Delta R.T. -0.000 min
Lab File: VY009962.D
Acq: 11 Aug 2022 14:34

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

Tgt Ion: 84 Resp: 24792

Ion	Ratio	Lower	Upper
84	100		
49	122.9	98.2	147.4
51	38.9	33.4	50.0
86	66.0	52.3	78.5

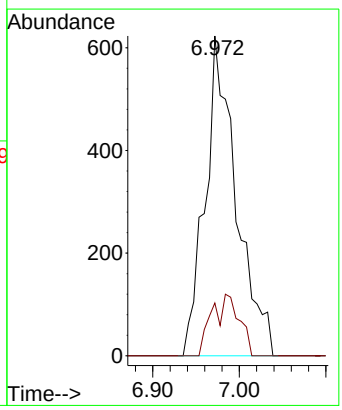


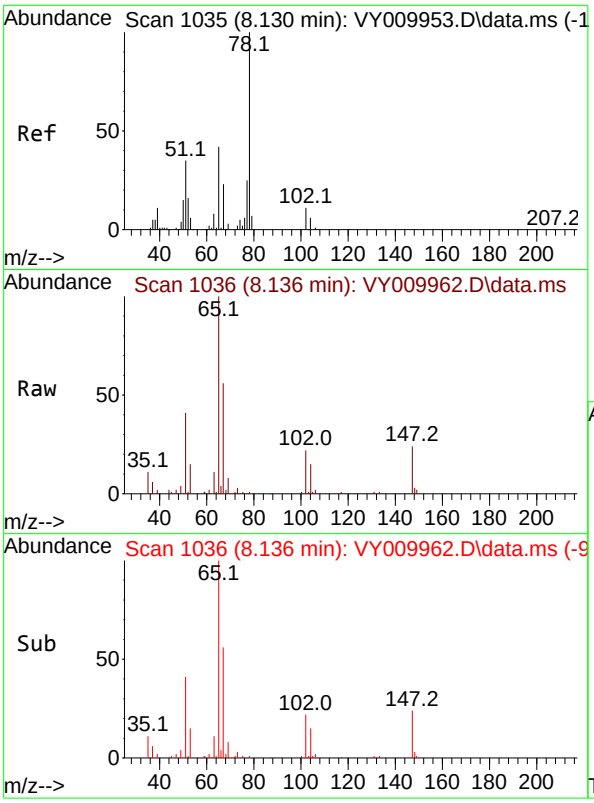


#25
2-Butanone
Concen: 8.288 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY009962.D
Acq: 11 Aug 2022 14:34

Tgt Ion: 43 Resp: 1550

Ion	Ratio	Lower	Upper
43	100		
72	16.5	21.5	32.3#



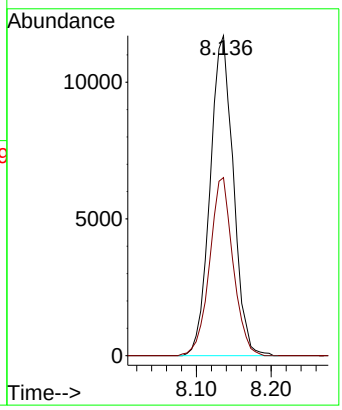


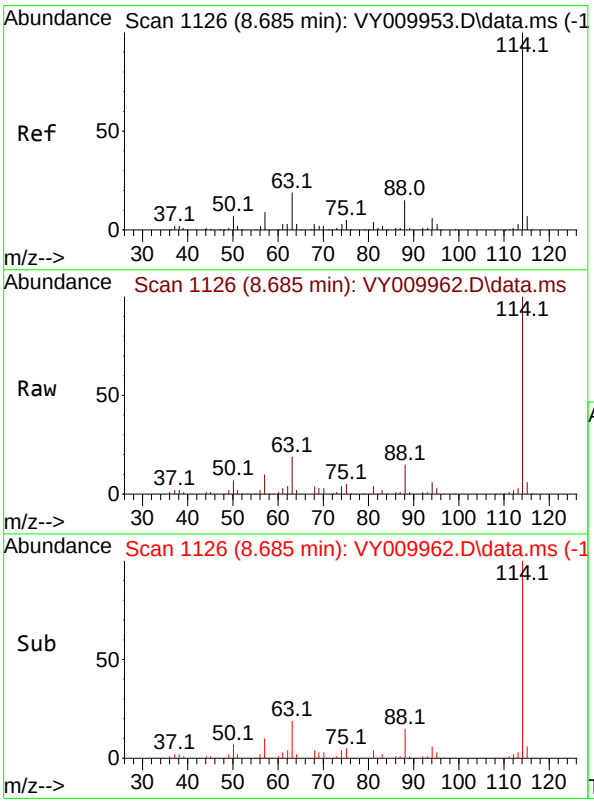
#33
1,2-Dichloroethane-d4
Concen: 77.958 ug/l
RT: 8.136 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY009962.D
Acq: 11 Aug 2022 14:34

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

Tgt Ion: 65 Resp: 25272

Ion	Ratio	Lower	Upper
65	100		
67	56.2	0.0	108.4

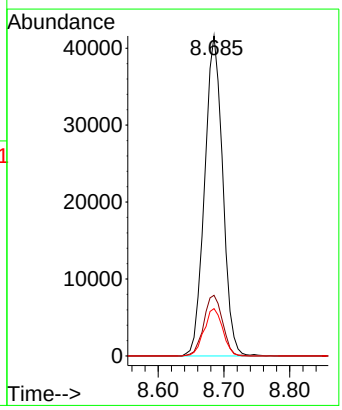


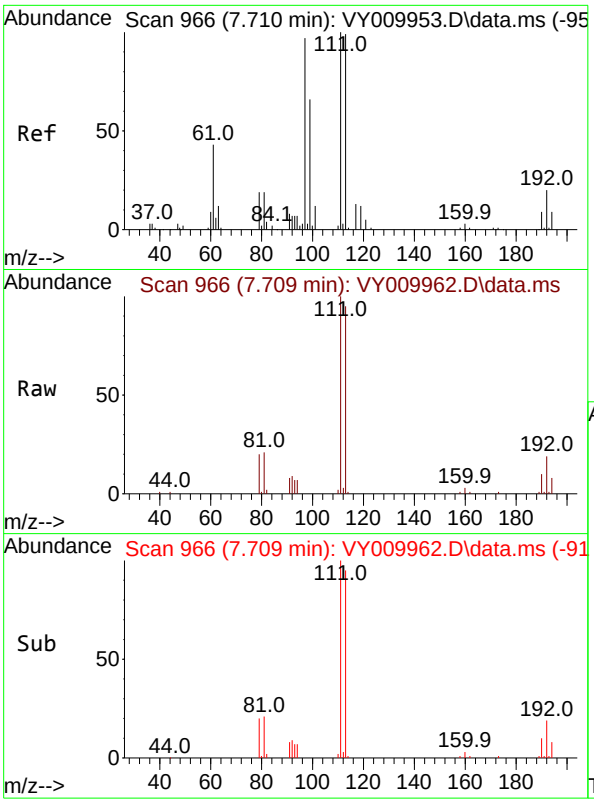


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009962.D
Acq: 11 Aug 2022 14:34

Tgt Ion:114 Resp: 79627

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	38.0
88	14.8	0.0	30.0



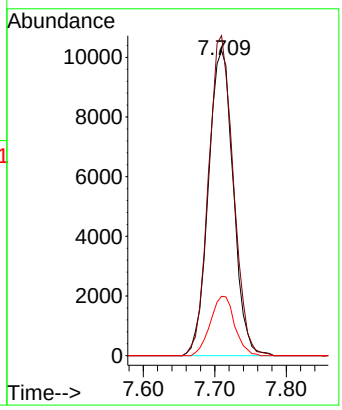


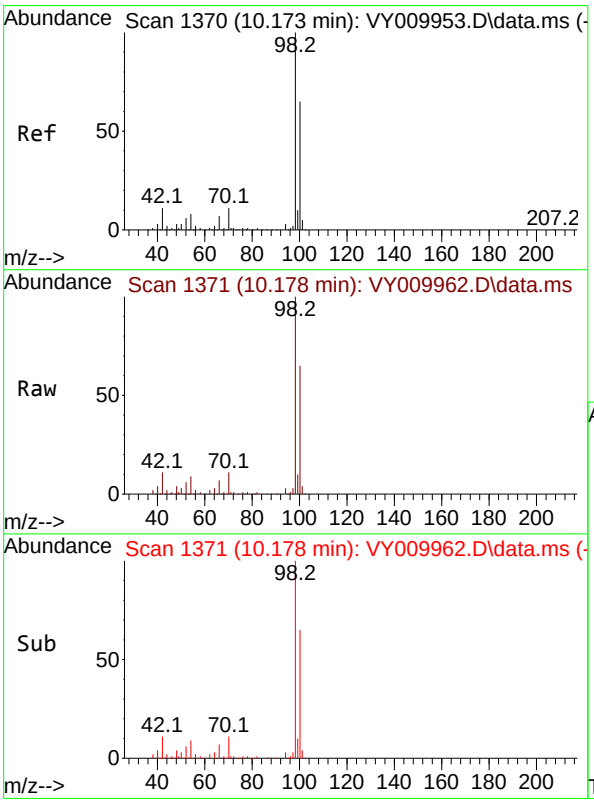
#35
Dibromofluoromethane
Concen: 54.024 ug/l
RT: 7.709 min Scan# 9
Delta R.T. -0.001 min
Lab File: VY009962.D
Acq: 11 Aug 2022 14:34

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

Tgt Ion:113 Resp: 24751

Ion	Ratio	Lower	Upper
113	100		
111	104.3	80.6	120.8
192	19.0	16.2	24.4

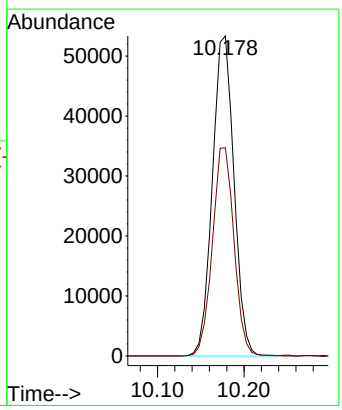


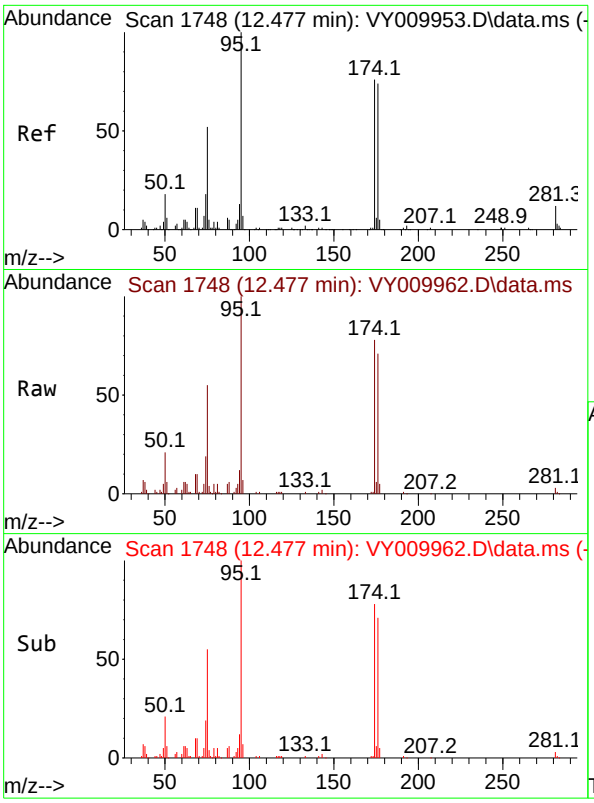


#50
Toluene-d8
Concen: 71.891 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.005 min
Lab File: VY009962.D
Acq: 11 Aug 2022 14:34

Tgt Ion: 98 Resp: 92441

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.9	79.3



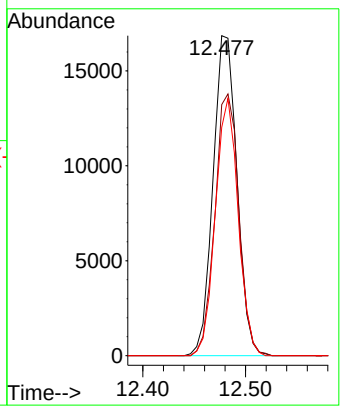


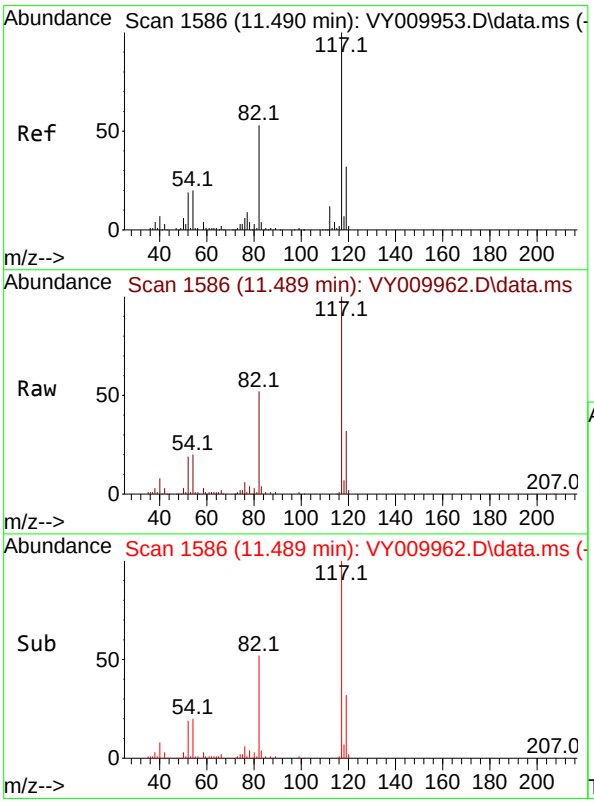
#62
4-Bromofluorobenzene
Concen: 42.244 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY009962.D
Acq: 11 Aug 2022 14:34

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

Tgt Ion: 95 Resp: 27209

Ion	Ratio	Lower	Upper
95	100		
174	82.1	0.0	173.8
176	76.7	0.0	167.0

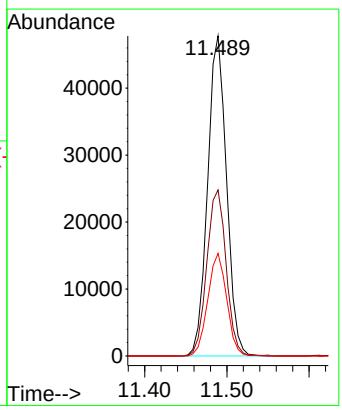


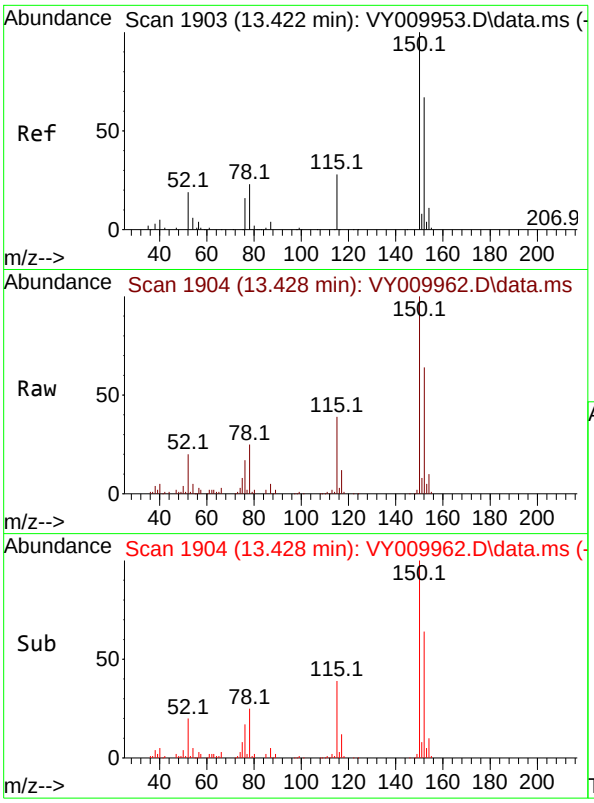


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009962.D
Acq: 11 Aug 2022 14:34

Tgt Ion:117 Resp: 76426

Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.8	62.6
119	32.0	25.6	38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY009962.D
Acq: 11 Aug 2022 14:34

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

Tgt Ion:152 Resp: 28797

Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.6	85.9
150	159.2	0.0	349.8