Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
Data File : VY009385.D
Acq On : 29 Jun 2022 20:10
Operator : KP/MD
Sample : N3488-05
Misc : 4.12g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-10-6-8-20220623

Quant Time: Jun 30 05:14:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 17:35:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	147987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	251501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	234392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	108270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	66268	55.907	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.820%			
35) Dibromofluoromethane	7.710	113	58505	42.266	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 84.540%			
50) Toluene-d8	10.179	98	222612	52.454	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.900%			
62) 4-Bromofluorobenzene	12.477	95	71127	35.338	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 70.680%			
Target Compounds						Qvalue
16) Acetone	3.942	43	41323	106.153	ug/l	97
17) Carbon Disulfide	4.186	76	9954	2.690	ug/l #	94
25) 2-Butanone	6.978	43	12892	20.889	ug/l	99

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

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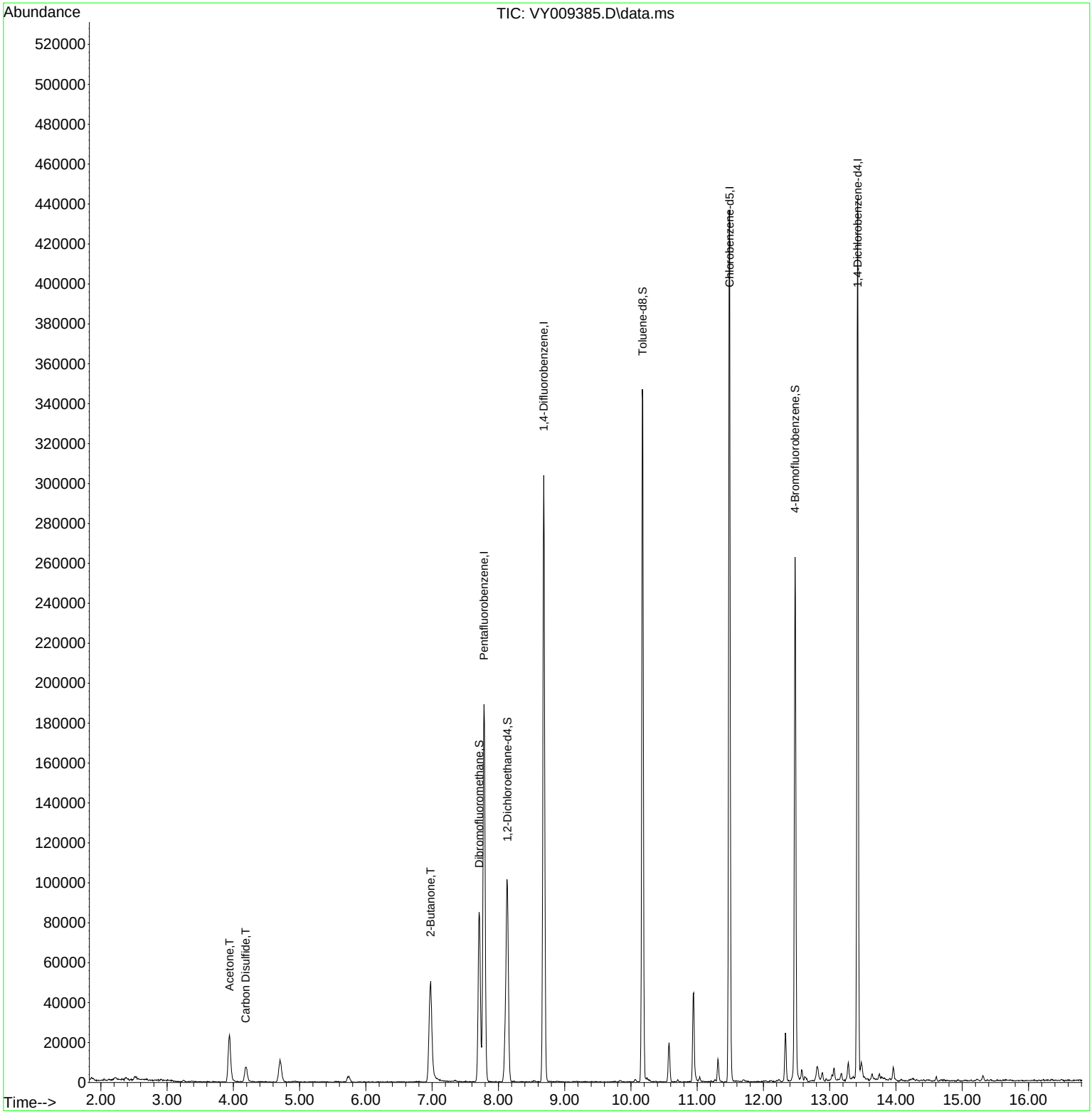
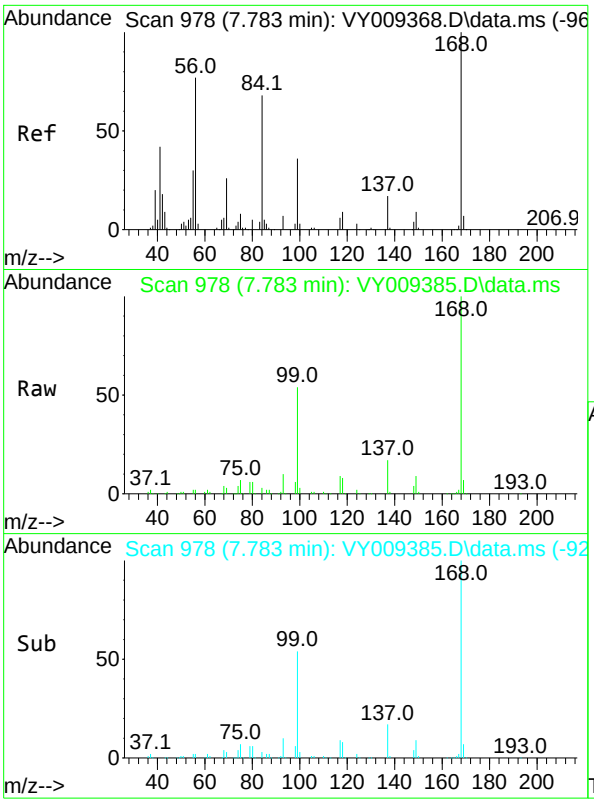


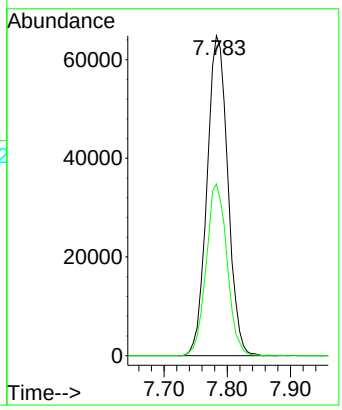


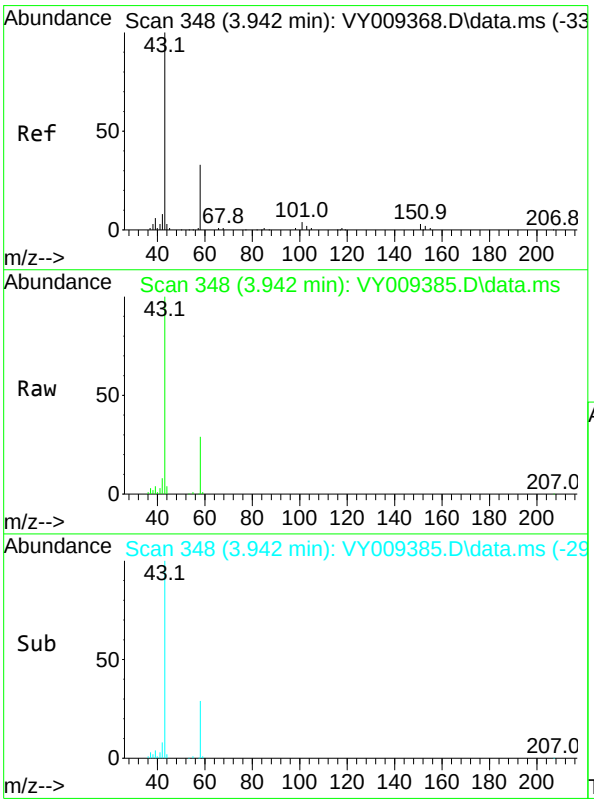
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY009385.D
Acq: 29 Jun 2022 20:10

Instrument :
MSVOA_Y
ClientSampleId :
SB-10-6-8-20220623

Tgt Ion:168 Resp: 147987

Ion	Ratio	Lower	Upper
168	100		
99	53.7	46.9	70.3

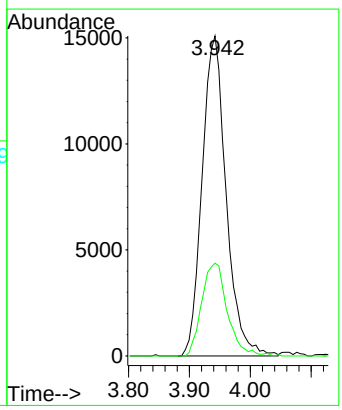


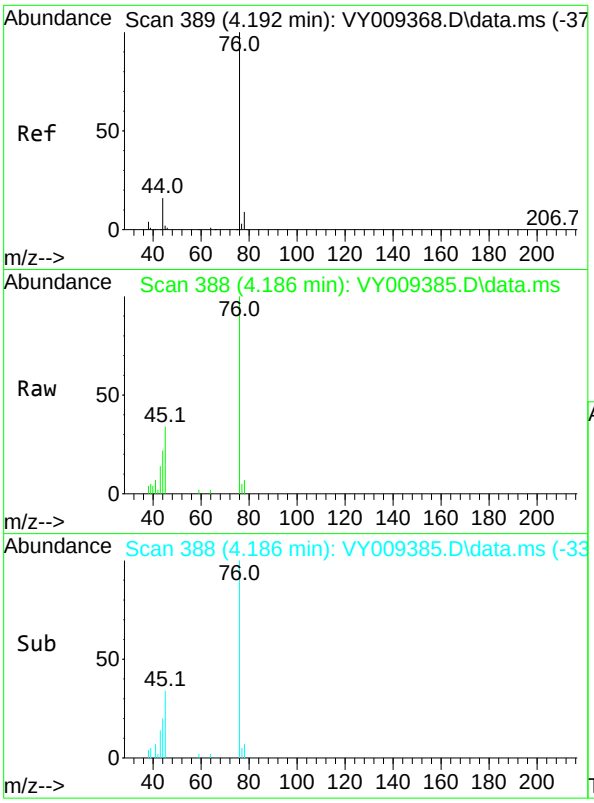


#16
Acetone
Concen: 106.153 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY009385.D
Acq: 29 Jun 2022 20:10

Tgt Ion: 43 Resp: 41323

Ion	Ratio	Lower	Upper
43	100		
58	29.0	22.0	33.0



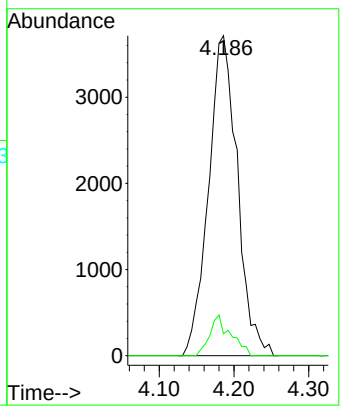


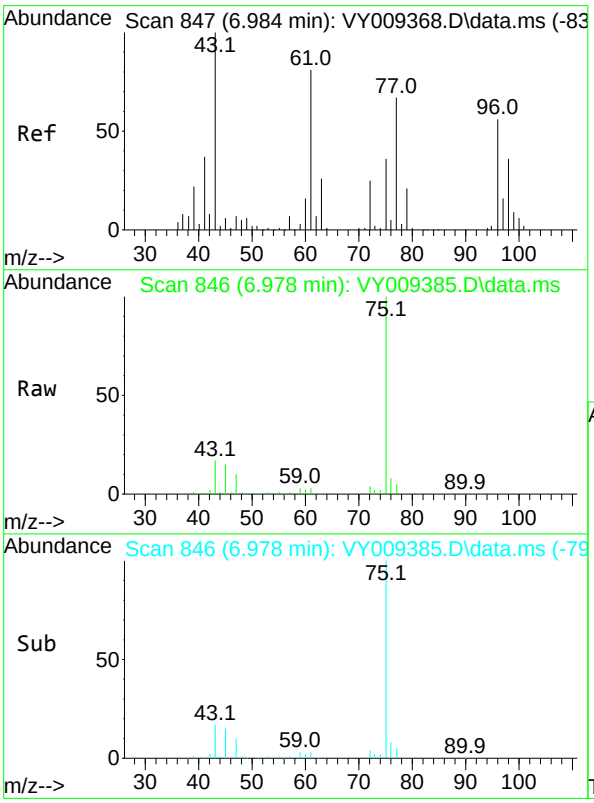
#17
Carbon Disulfide
Concen: 2.690 ug/l
RT: 4.186 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY009385.D
Acq: 29 Jun 2022 20:10

Instrument :
MSVOA_Y
ClientSampleId :
SB-10-6-8-20220623

Tgt Ion: 76 Resp: 9954

Ion	Ratio	Lower	Upper
76	100		
78	6.9	7.4	11.0#

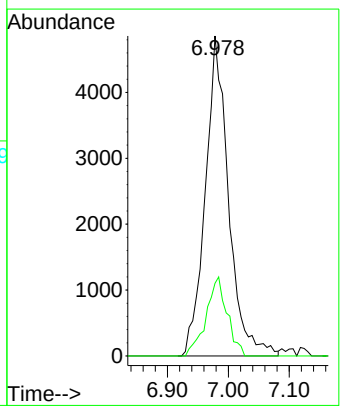


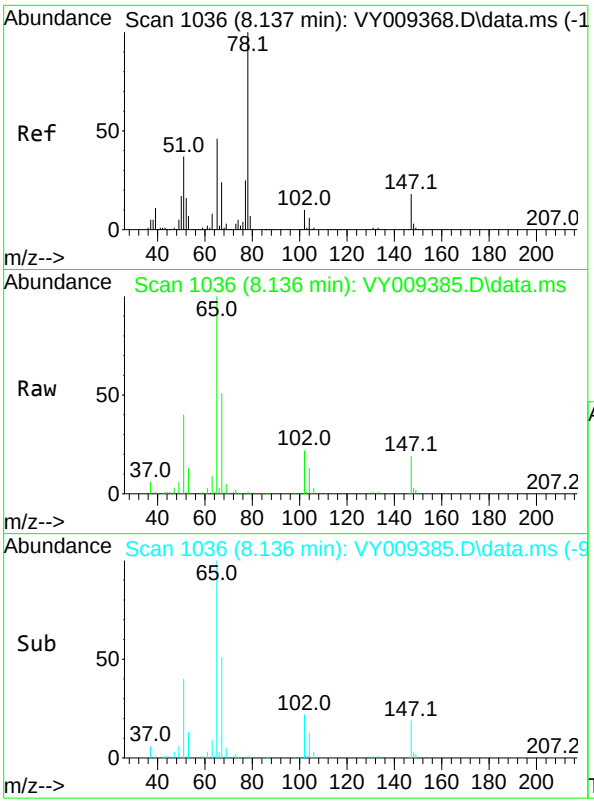


#25
2-Butanone
Concen: 20.889 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009385.D
Acq: 29 Jun 2022 20:10

Tgt Ion: 43 Resp: 12892

Ion	Ratio	Lower	Upper
43	100		
72	22.7	17.7	26.5



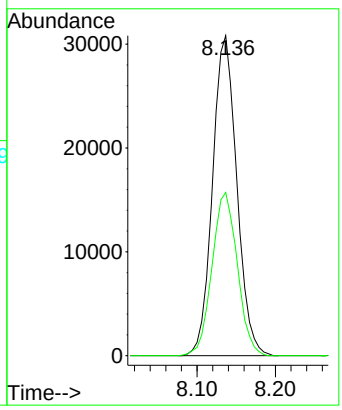


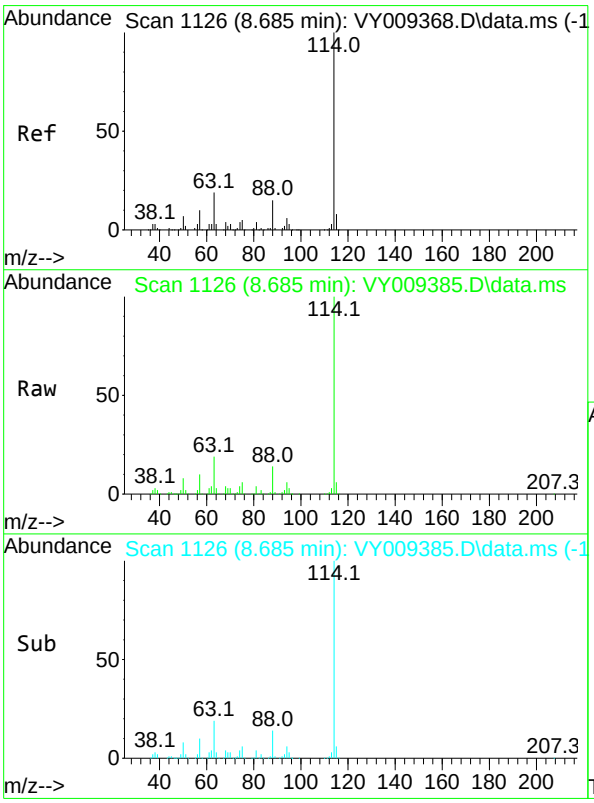
#33
1,2-Dichloroethane-d4
Concen: 55.907 ug/l
RT: 8.136 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY009385.D
Acq: 29 Jun 2022 20:10

Instrument :
MSVOA_Y
ClientSampleId :
SB-10-6-8-20220623

Tgt Ion: 65 Resp: 66268

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	99.4

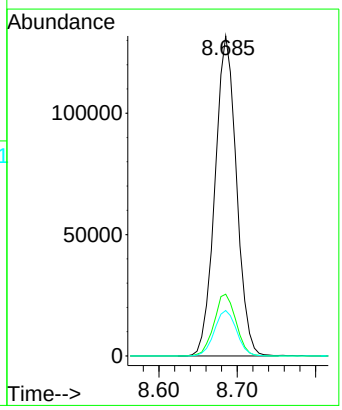


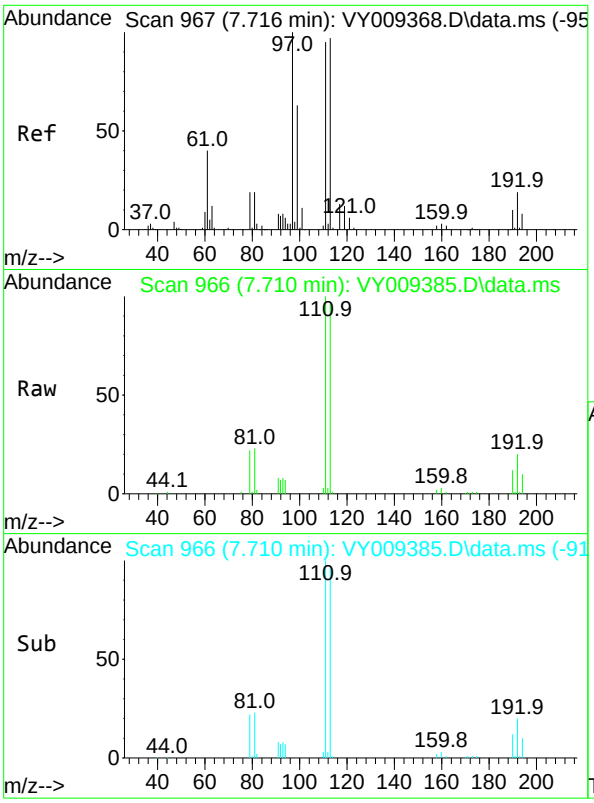


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009385.D
Acq: 29 Jun 2022 20:10

Tgt Ion:114 Resp: 251501

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	43.2
88	14.2	0.0	31.8



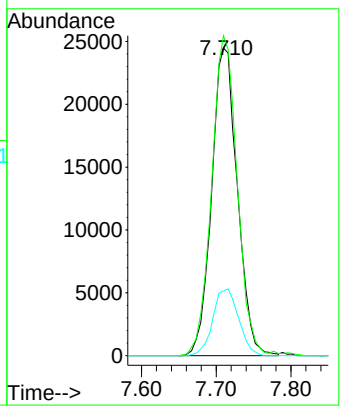


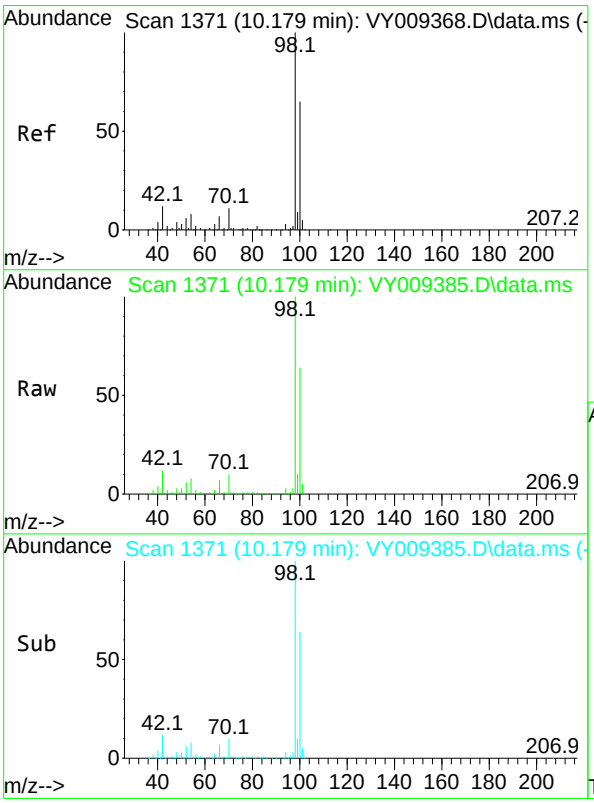
#35
Dibromofluoromethane
Concen: 42.266 ug/l
RT: 7.710 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY009385.D
Acq: 29 Jun 2022 20:10

Instrument :
MSVOA_Y
ClientSampleId :
SB-10-6-8-20220623

Tgt Ion:113 Resp: 58505

Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	124.0
192	21.8	17.6	26.4

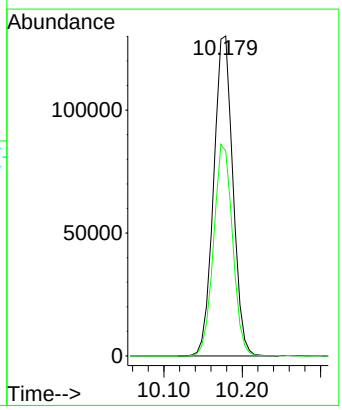


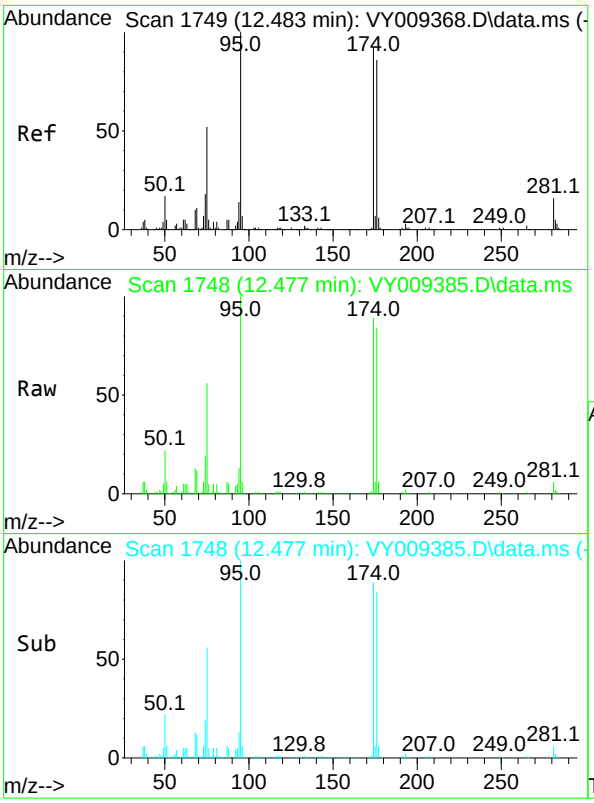


#50
Toluene-d8
Concen: 52.454 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009385.D
Acq: 29 Jun 2022 20:10

Tgt Ion: 98 Resp: 222612

Ion	Ratio	Lower	Upper
98	100		
100	65.2	50.2	75.2



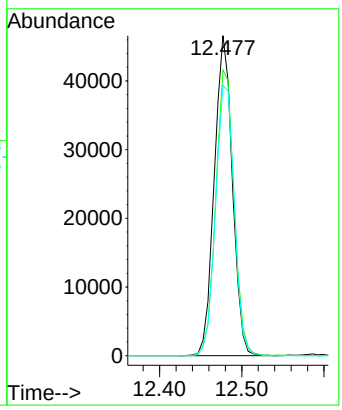


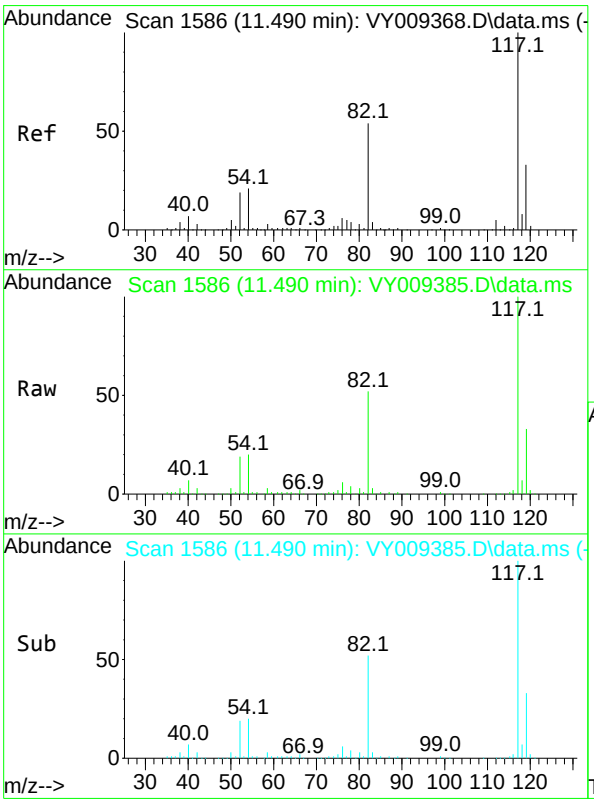
#62
4-Bromofluorobenzene
Concen: 35.338 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY009385.D
Acq: 29 Jun 2022 20:10

Instrument :
MSVOA_Y
ClientSampleId :
SB-10-6-8-20220623

Tgt Ion: 95 Resp: 71127

Ion	Ratio	Lower	Upper
95	100		
174	90.8	0.0	177.0
176	87.6	0.0	175.8

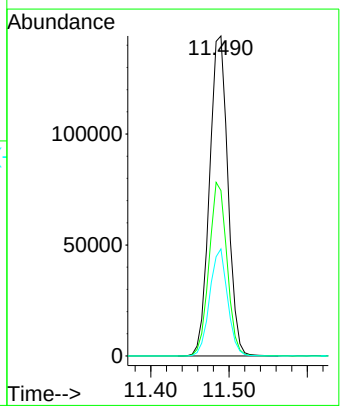


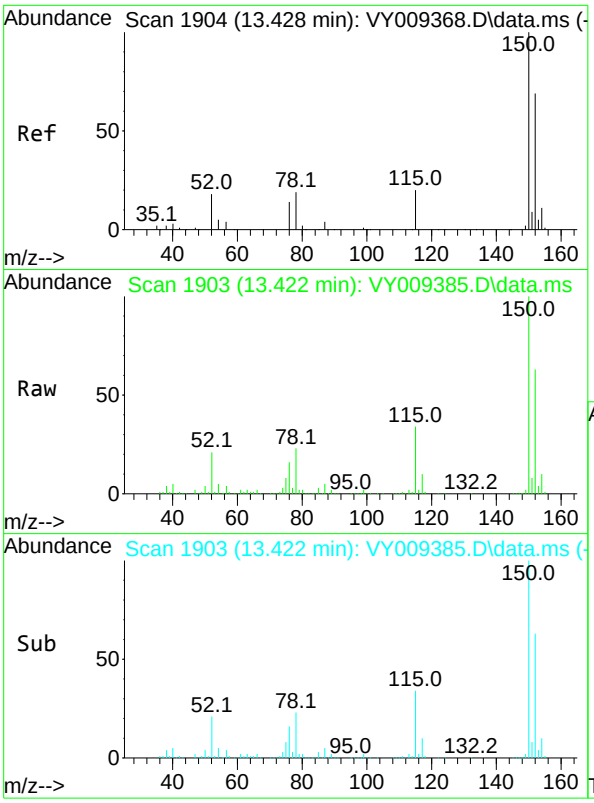


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009385.D
Acq: 29 Jun 2022 20:10

Tgt Ion:117 Resp: 234392

Ion	Ratio	Lower	Upper
117	100		
82	51.7	43.0	64.4
119	33.4	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY009385.D
Acq: 29 Jun 2022 20:10

Instrument :
MSVOA_Y
ClientSampleId :
SB-10-6-8-20220623

Tgt Ion:152 Resp: 108270

Ion	Ratio	Lower	Upper
152	100		
115	55.8	28.2	84.7
150	156.9	0.0	347.6