Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101122\
Data File : VY010917.D
Acq On : 11 Oct 2022 15:13
Operator : KP/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Oct 12 04:46:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 07:26:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	291573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	488559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	428149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	200070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	178913	60.536	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.080%			
35) Dibromofluoromethane	7.716	113	172130	53.076	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.160%			
50) Toluene-d8	10.179	98	635716	57.318	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.640%			
62) 4-Bromofluorobenzene	12.477	95	212655	49.004	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.000%			
Target Compounds						Qvalue
16) Acetone	3.942	43	3177	4.233	ug/l	90
20) Methylene Chloride	4.710	84	32631	5.248	ug/l	85

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

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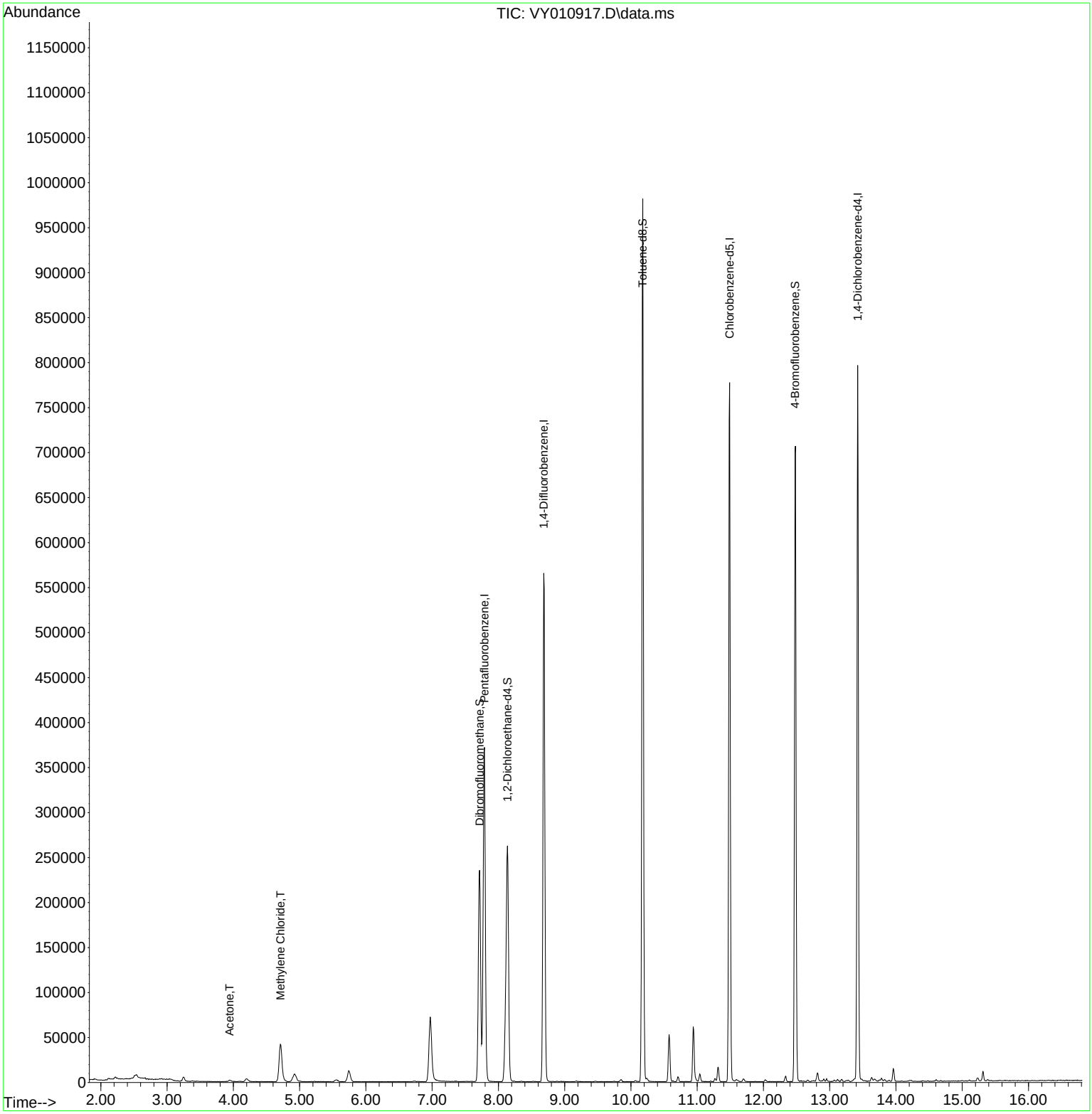
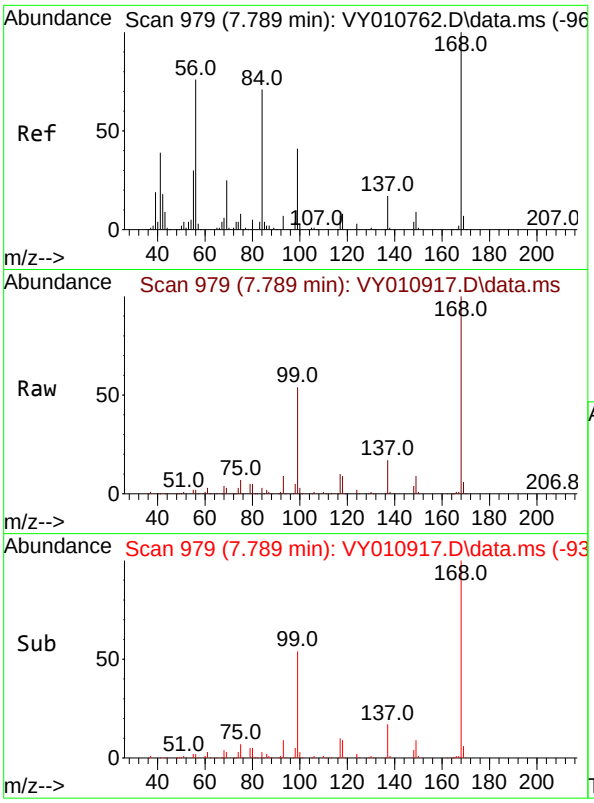


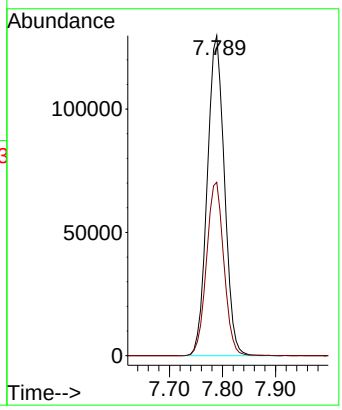


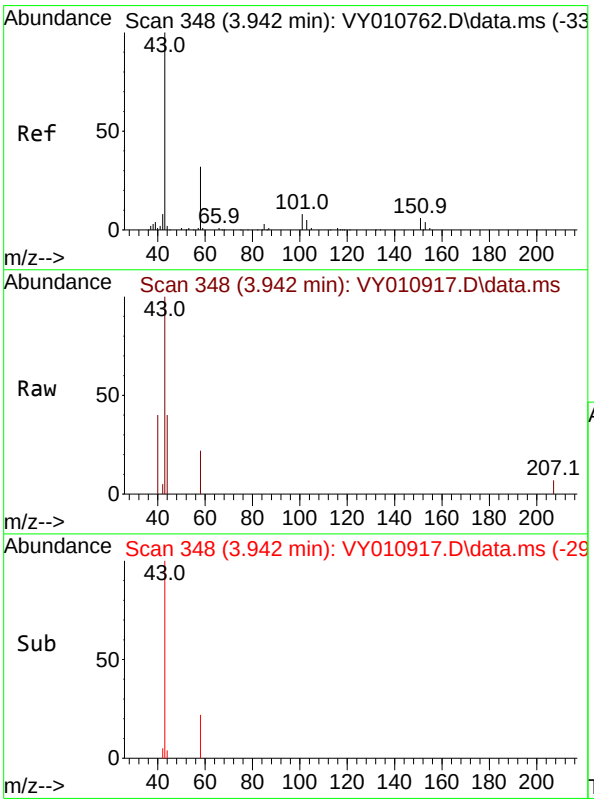
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY010917.D
Acq: 11 Oct 2022 15:13

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 291573

Ion	Ratio	Lower	Upper
168	100		
99	54.2	46.9	70.3

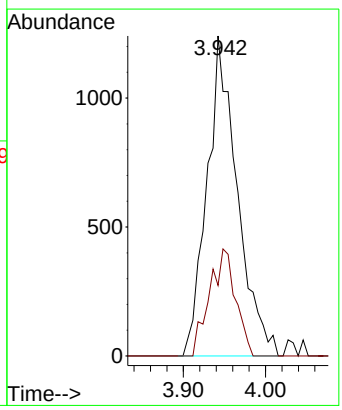


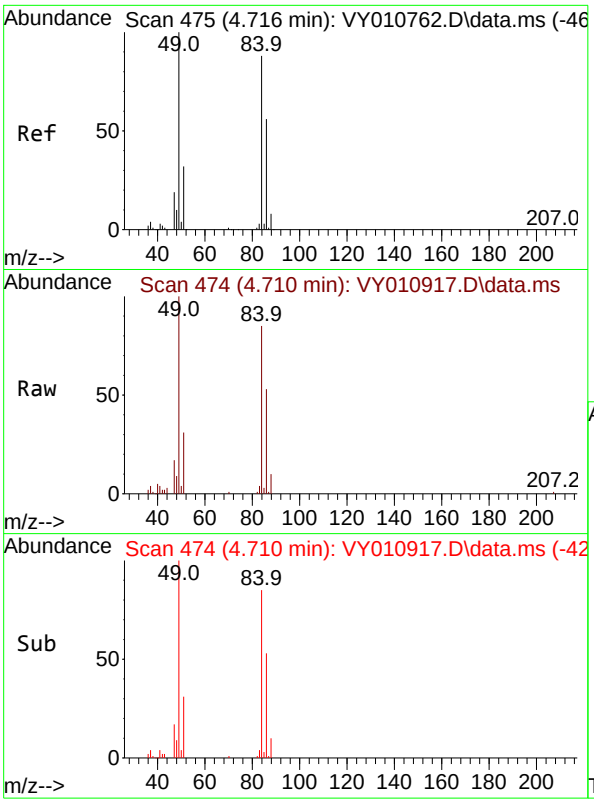


#16
Acetone
Concen: 4.233 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010917.D
Acq: 11 Oct 2022 15:13

Tgt Ion: 43 Resp: 3177

Ion	Ratio	Lower	Upper
43	100		
58	22.1	22.0	33.0



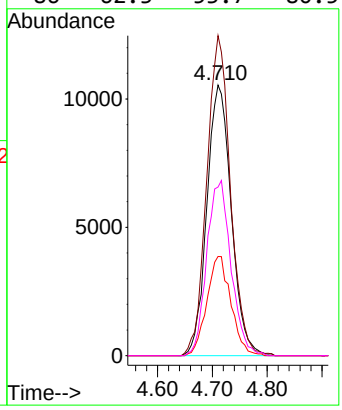


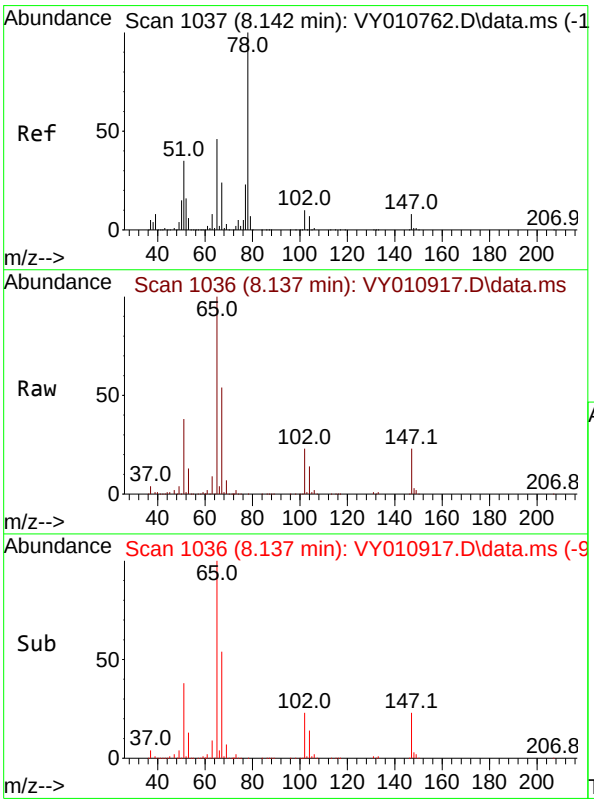
#20
Methylene Chloride
Concen: 5.248 ug/l
RT: 4.710 min Scan# 4
Delta R.T. -0.006 min
Lab File: VY010917.D
Acq: 11 Oct 2022 15:13

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 32631

Ion	Ratio	Lower	Upper
84	100		
49	118.3	114.4	171.6
51	36.7	35.3	52.9
86	62.3	53.7	80.5

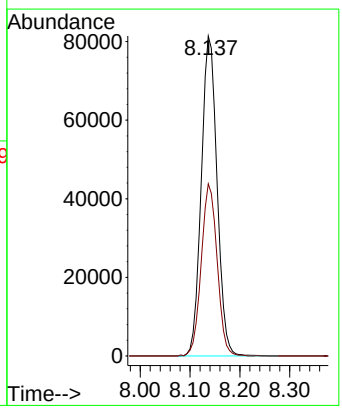


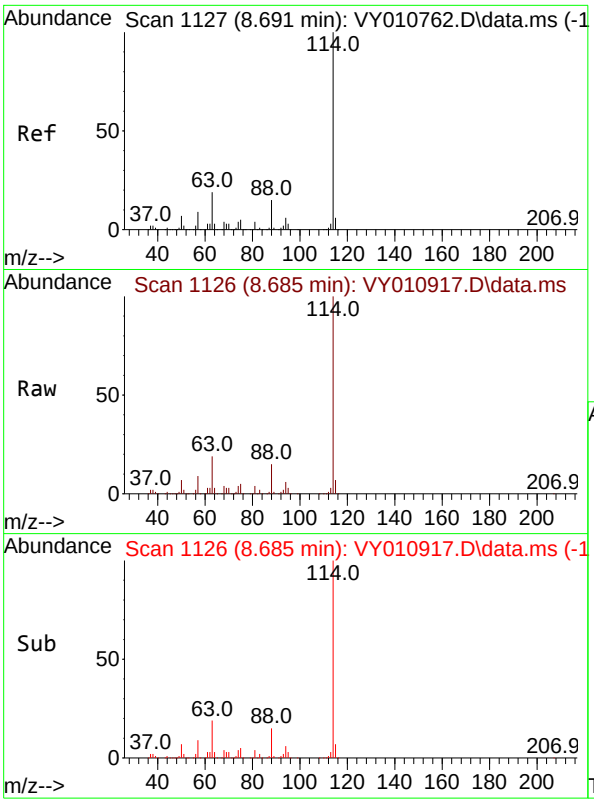


#33
1,2-Dichloroethane-d4
Concen: 60.536 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY010917.D
Acq: 11 Oct 2022 15:13

Tgt Ion: 65 Resp: 178913

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	99.4



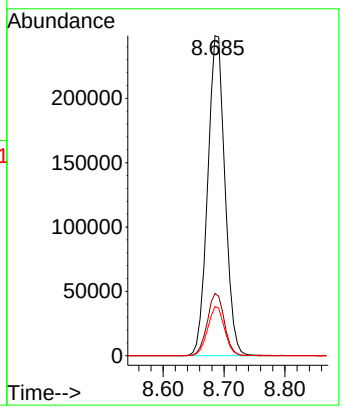


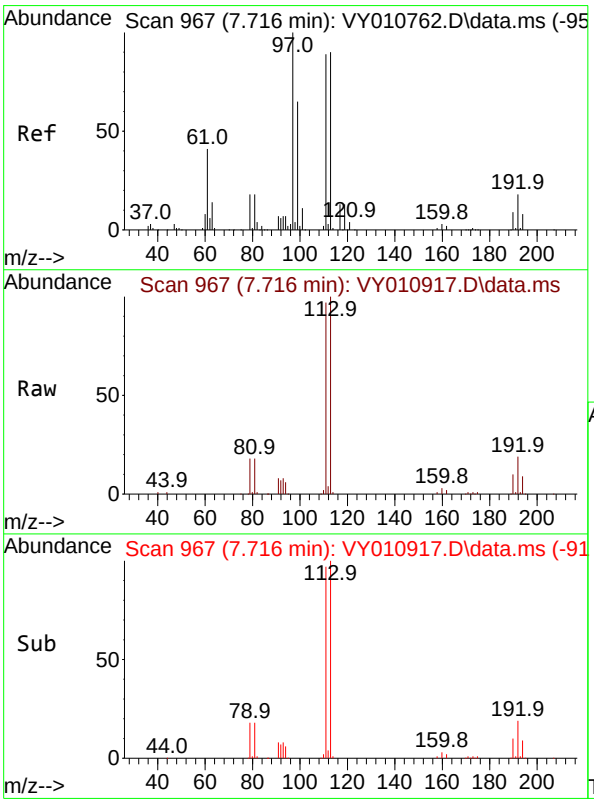
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY010917.D
Acq: 11 Oct 2022 15:13

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:114 Resp: 488559

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	43.2
88	15.3	0.0	31.8

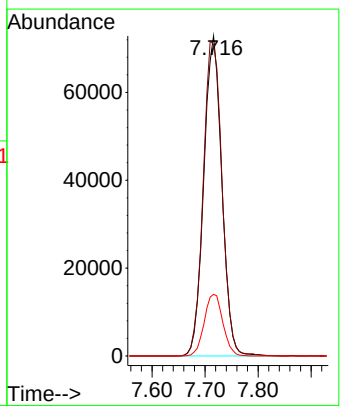


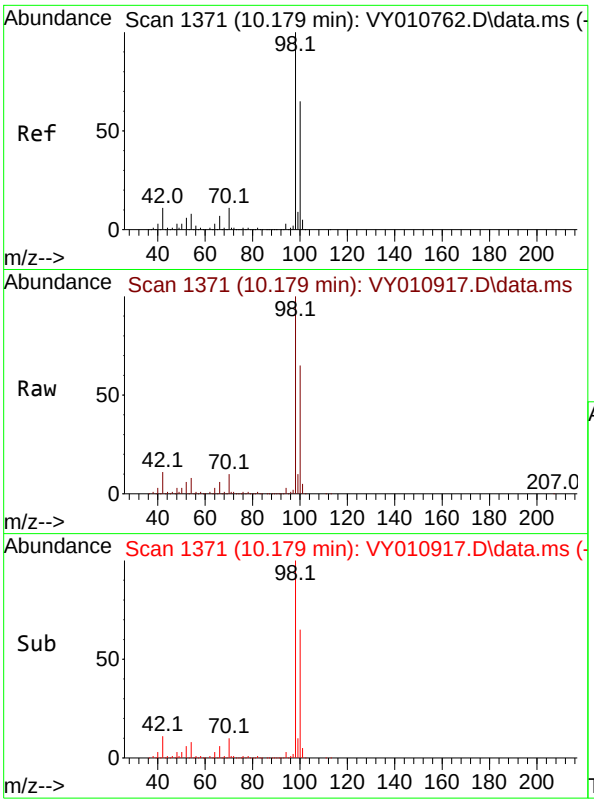


#35
Dibromofluoromethane
Concen: 53.076 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY010917.D
Acq: 11 Oct 2022 15:13

Tgt Ion:113 Resp: 172130

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	124.0
192	19.9	17.6	26.4



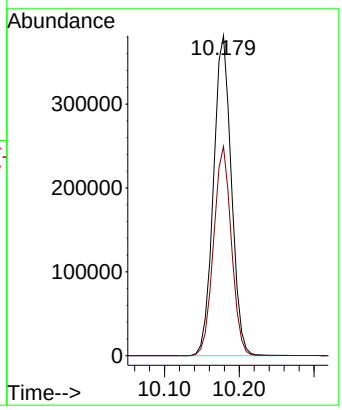


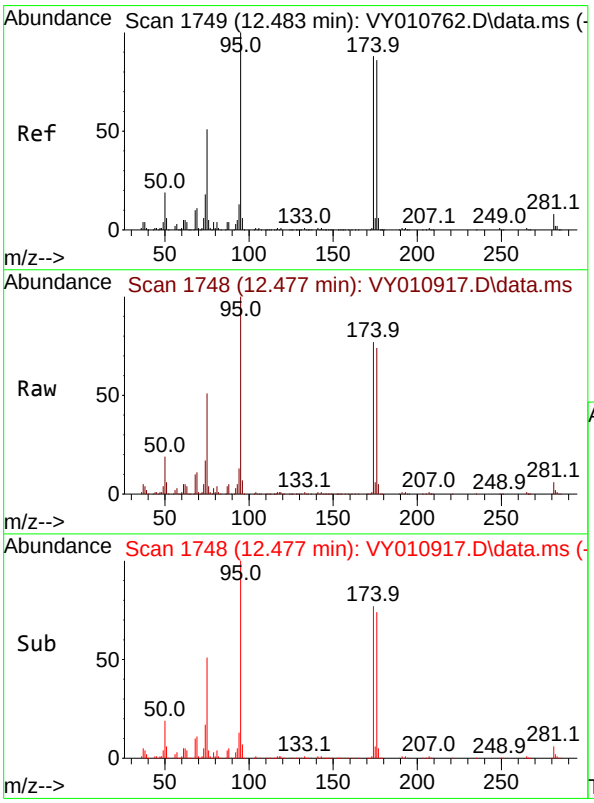
#50
Toluene-d8
Concen: 57.318 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY010917.D
Acq: 11 Oct 2022 15:13

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 98 Resp: 635716

Ion	Ratio	Lower	Upper
98	100		
100	65.0	50.2	75.2

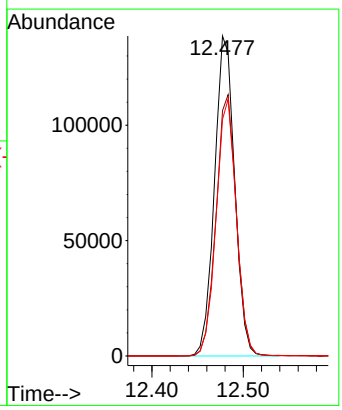


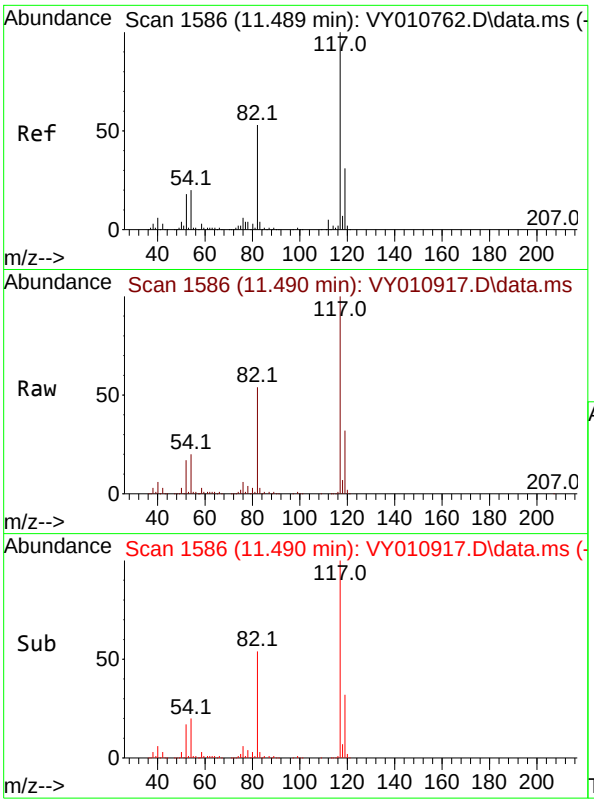


#62
4-Bromofluorobenzene
Concen: 49.004 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010917.D
Acq: 11 Oct 2022 15:13

Tgt Ion: 95 Resp: 212655

Ion	Ratio	Lower	Upper
95	100		
174	82.2	0.0	177.0
176	80.4	0.0	175.8



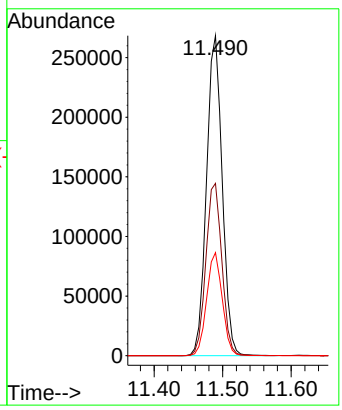


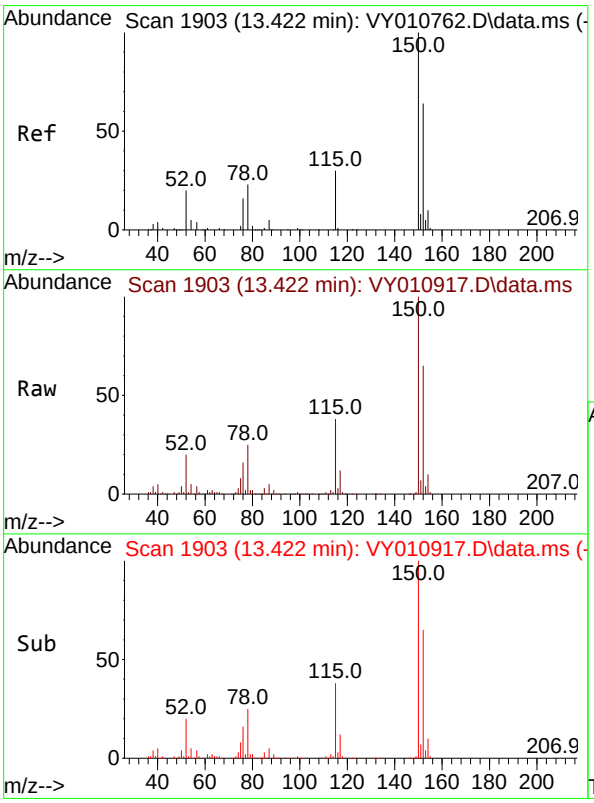
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY010917.D
Acq: 11 Oct 2022 15:13

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 428149

Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.0	64.4
119	32.2	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010917.D
Acq: 11 Oct 2022 15:13

Tgt Ion:152 Resp: 200070

Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.2	84.7
150	156.6	0.0	347.6