Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
Data File : VY010829.D
Acq On : 05 Oct 2022 18:40
Operator : KP/MD
Sample : N5004-09
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D22008-8.5

Quant Time: Oct 06 09:23:44 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	175046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	291101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	196157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	47452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	119417	67.303	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 134.600%			
35) Dibromofluoromethane	7.716	113	120149	62.178	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 124.360%			
50) Toluene-d8	10.179	98	310772	47.027	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.060%			
62) 4-Bromofluorobenzene	12.483	95	69971	25.283	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 50.560%			
Target Compounds						Qvalue
16) Acetone	3.942	43	8750	19.417	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	8872	2.048	ug/l	94
40) Benzene	8.155	78	23139	2.880	ug/l	98

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

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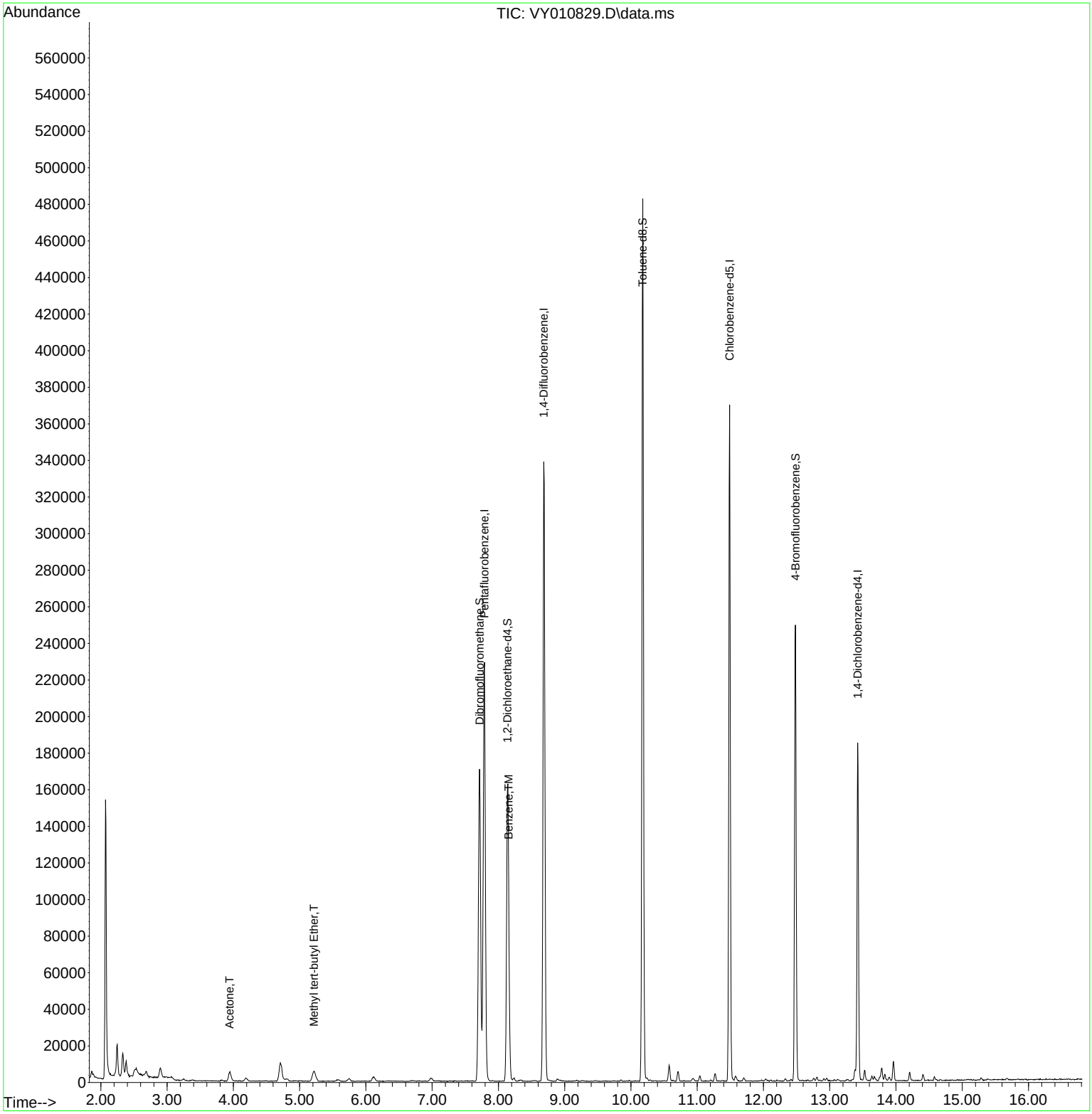
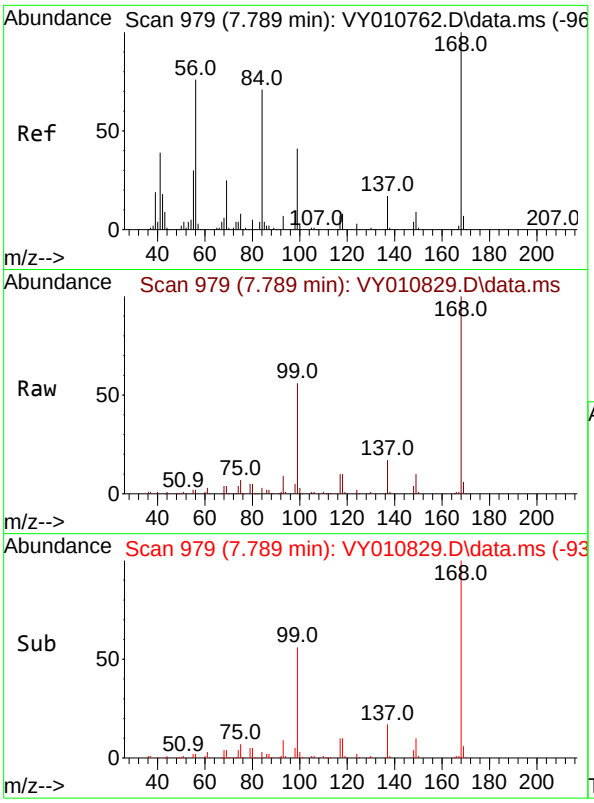


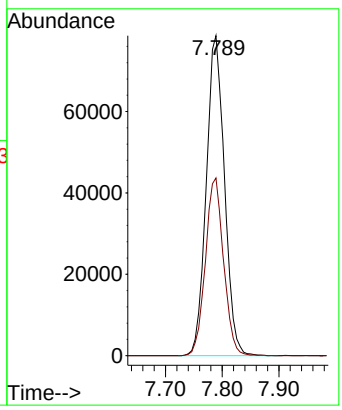


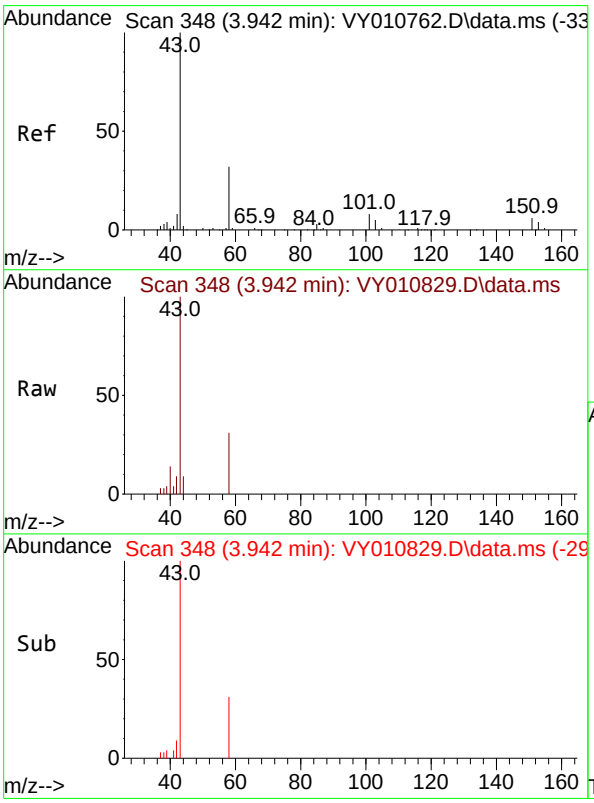
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY010829.D
Acq: 05 Oct 2022 18:40

Instrument :
MSVOA_Y
ClientSampleId :
D22008-8.5

Tgt Ion:168 Resp: 175046

Ion	Ratio	Lower	Upper
168	100		
99	55.6	46.9	70.3

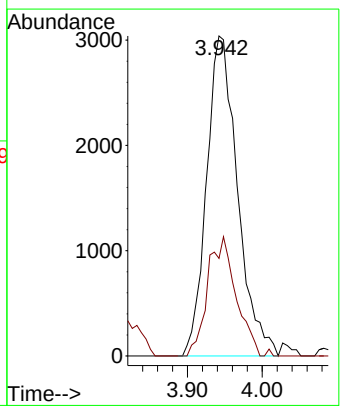


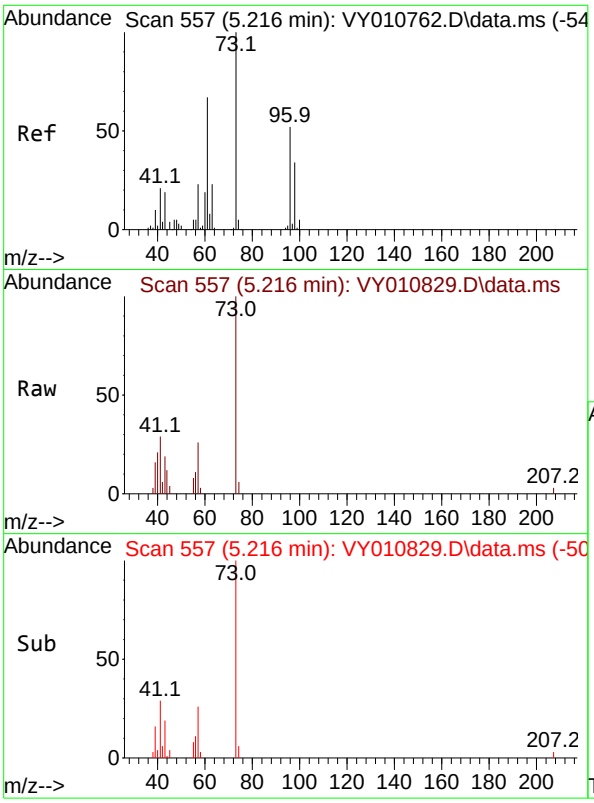


#16
Acetone
Concen: 19.417 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010829.D
Acq: 05 Oct 2022 18:40

Tgt Ion: 43 Resp: 8750

Ion	Ratio	Lower	Upper
43	100		
58	30.5	22.0	33.0



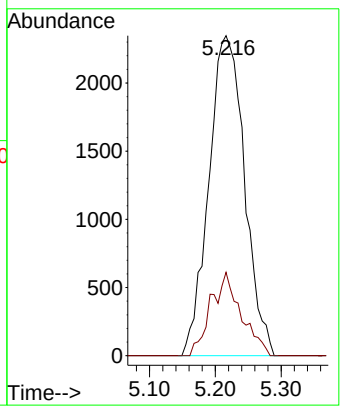


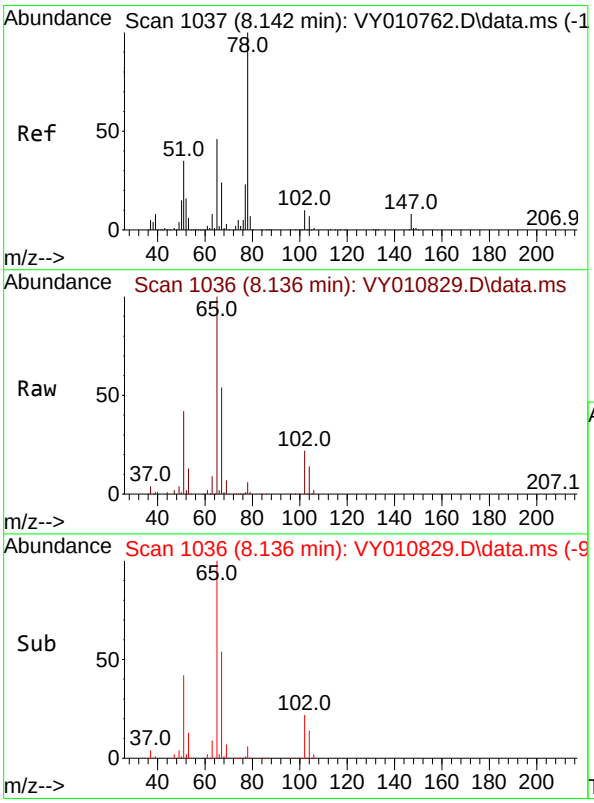
#19
Methyl tert-butyl Ether
Concen: 2.048 ug/l
RT: 5.216 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY010829.D
Acq: 05 Oct 2022 18:40

Instrument :
MSVOA_Y
ClientSampleId :
D22008-8.5

Tgt Ion: 73 Resp: 8872

Ion	Ratio	Lower	Upper
73	100		
57	26.1	18.6	27.8

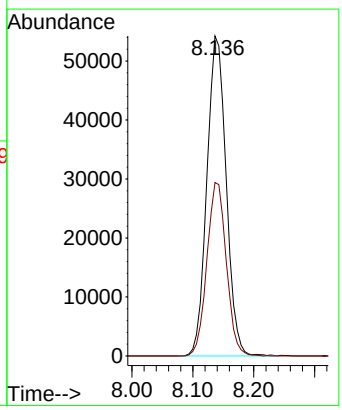


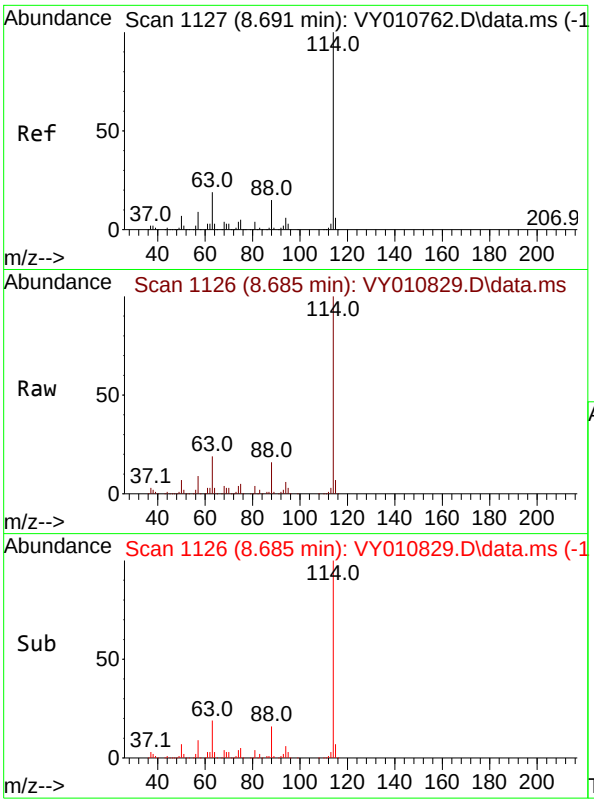


#33
1,2-Dichloroethane-d4
Concen: 67.303 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010829.D
Acq: 05 Oct 2022 18:40

Tgt Ion: 65 Resp: 119417

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	99.4



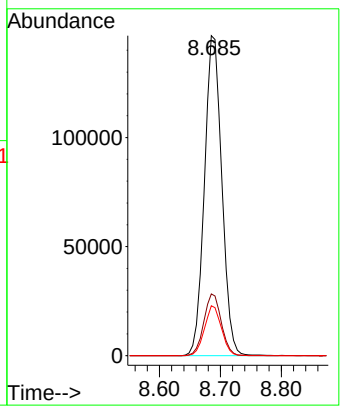


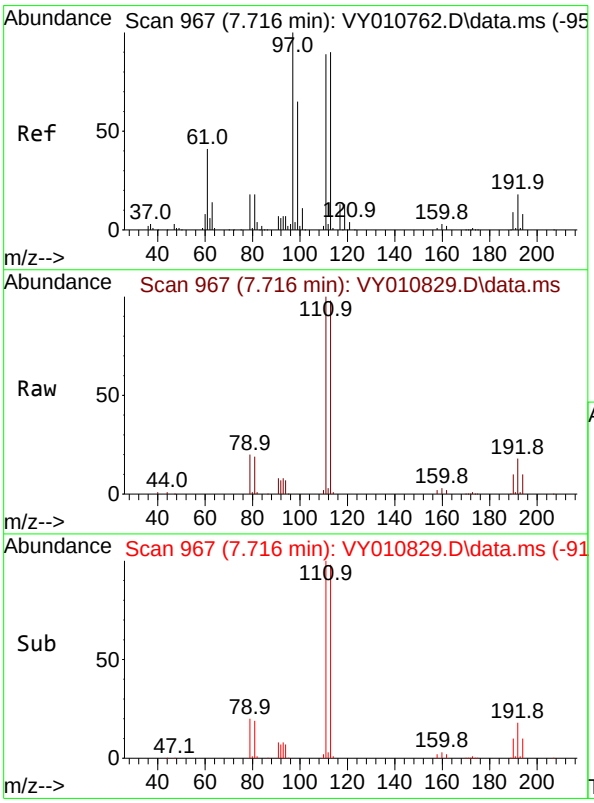
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010829.D
Acq: 05 Oct 2022 18:40

Instrument :
MSVOA_Y
ClientSampleId :
D22008-8.5

Tgt Ion:114 Resp: 291101

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	43.2
88	15.6	0.0	31.8

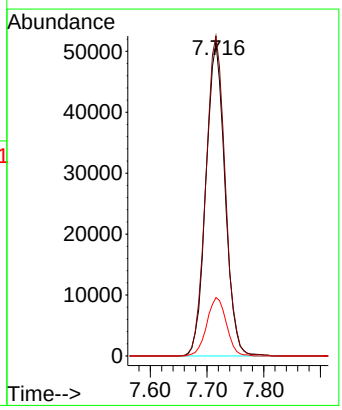


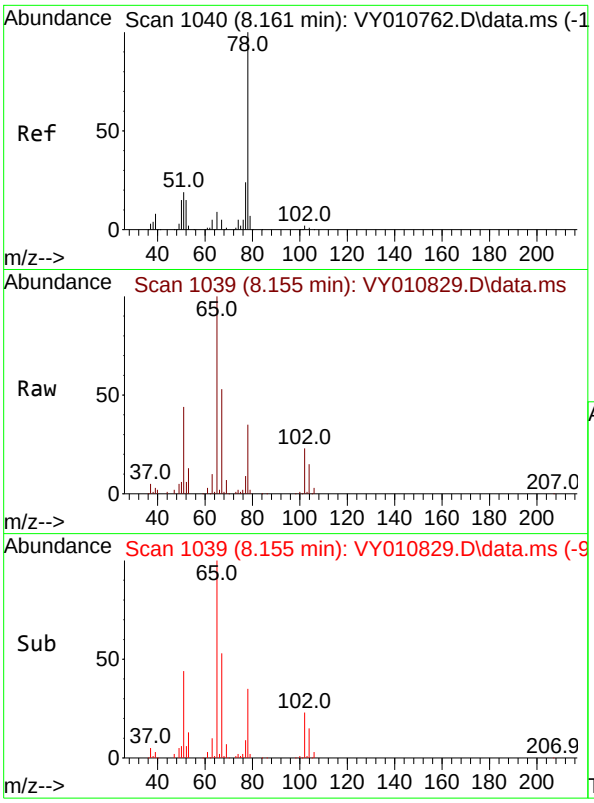


#35
Dibromofluoromethane
Concen: 62.178 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY010829.D
Acq: 05 Oct 2022 18:40

Tgt Ion:113 Resp: 120149

Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.6	124.0
192	19.2	17.6	26.4



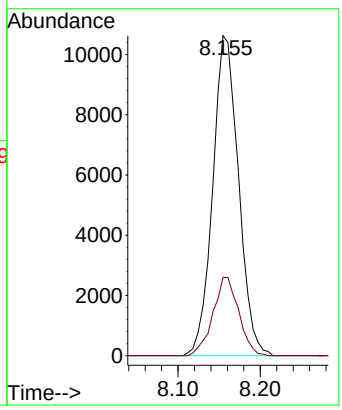


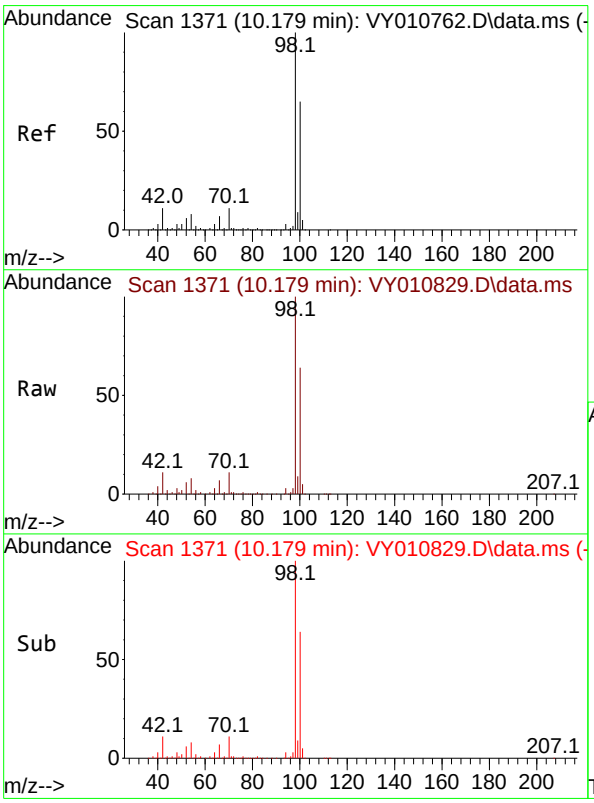
#40
Benzene
Concen: 2.880 ug/l
RT: 8.155 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY010829.D
Acq: 05 Oct 2022 18:40

Instrument :
MSVOA_Y
ClientSampleId :
D22008-8.5

Tgt Ion: 78 Resp: 23139

Ion	Ratio	Lower	Upper
78	100		
77	24.4	20.4	30.6

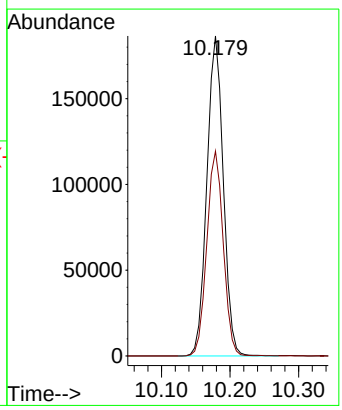


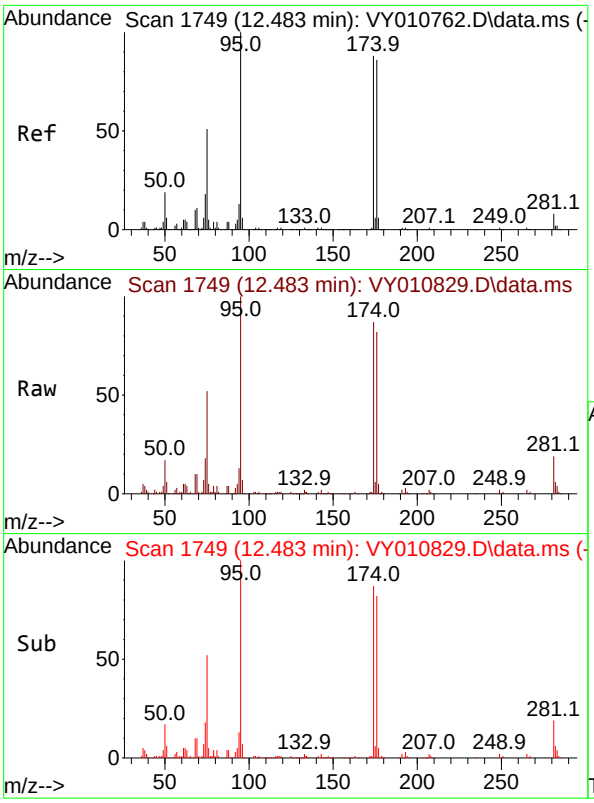


#50
Toluene-d8
Concen: 47.027 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010829.D
Acq: 05 Oct 2022 18:40

Tgt Ion: 98 Resp: 310772

Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.2	75.2



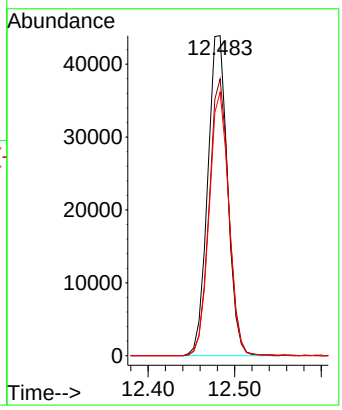


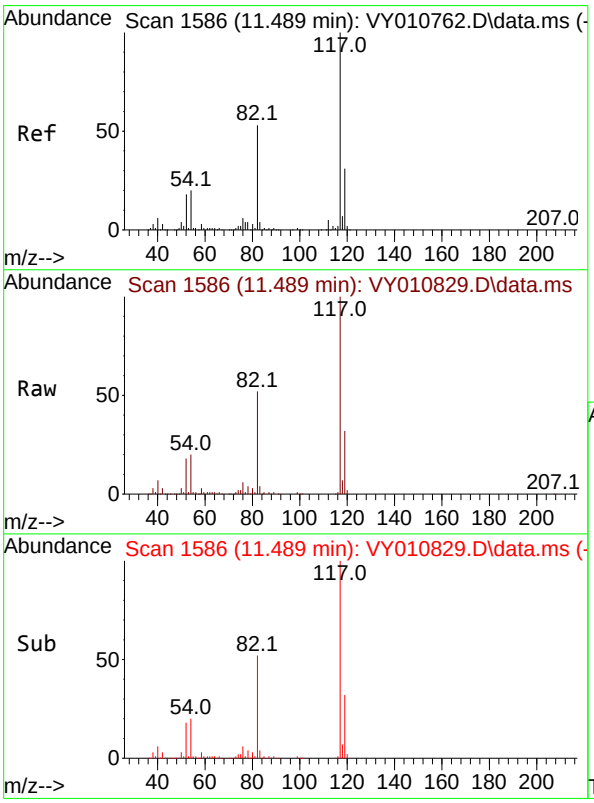
#62
4-Bromofluorobenzene
Concen: 25.283 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY010829.D
Acq: 05 Oct 2022 18:40

Instrument :
MSVOA_Y
ClientSampleId :
D22008-8.5

Tgt Ion: 95 Resp: 69971

Ion	Ratio	Lower	Upper
95	100		
174	85.2	0.0	177.0
176	81.7	0.0	175.8

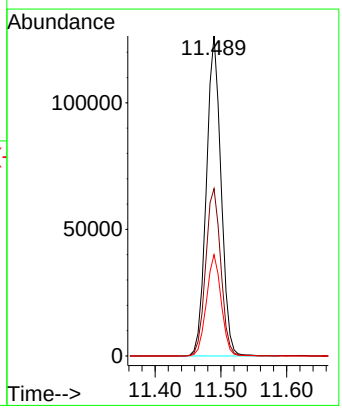


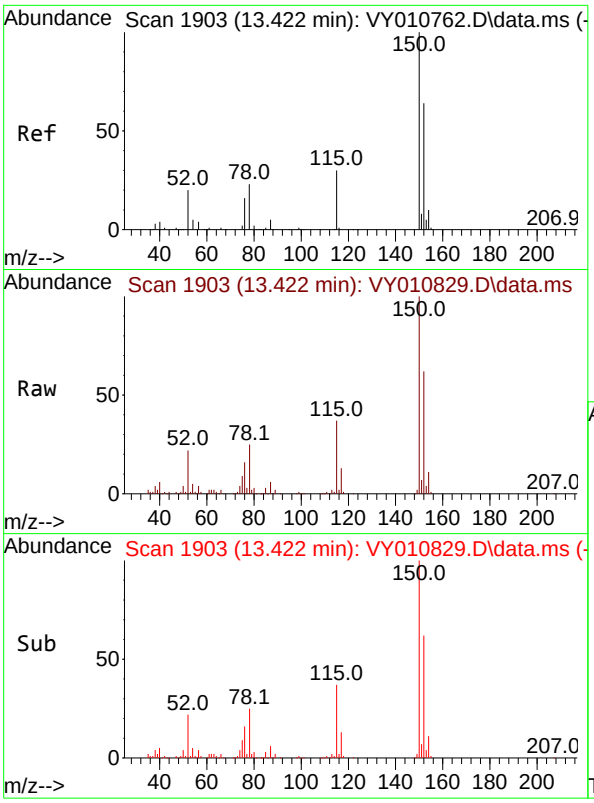


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010829.D
Acq: 05 Oct 2022 18:40

Tgt Ion:117 Resp: 196157

Ion	Ratio	Lower	Upper
117	100		
82	52.3	43.0	64.4
119	31.6	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: VY010829.D
Acq: 05 Oct 2022 18:40

Instrument :
MSVOA_Y
ClientSampleId :
D22008-8.5

Tgt Ion:152 Resp: 47452

Ion	Ratio	Lower	Upper
152	100		
115	58.8	28.2	84.7
150	156.6	0.0	347.6