Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082522\
Data File : VY010203.D
Acq On : 25 Aug 2022 13:26
Operator : KP/MD
Sample : N4303-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DRUM-1-9

Quant Time: Aug 26 06:46:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082422S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 26 06:12:05 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	39550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	67709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	26891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	26095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	20925	63.914	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.820%			
35) Dibromofluoromethane	7.710	113	20327	45.788	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.580%			
50) Toluene-d8	10.179	98	33713	21.883	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 43.760%#			
62) 4-Bromofluorobenzene	12.477	95	9328	15.805	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 31.600%#			
Target Compounds						Qvalue
3) Chloromethane	2.107	50	464	1.390	ug/l	96
10) Methyl Iodide	4.088	142	1100	2.430	ug/l #	79
16) Acetone	3.942	43	1900	17.694	ug/l	98

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

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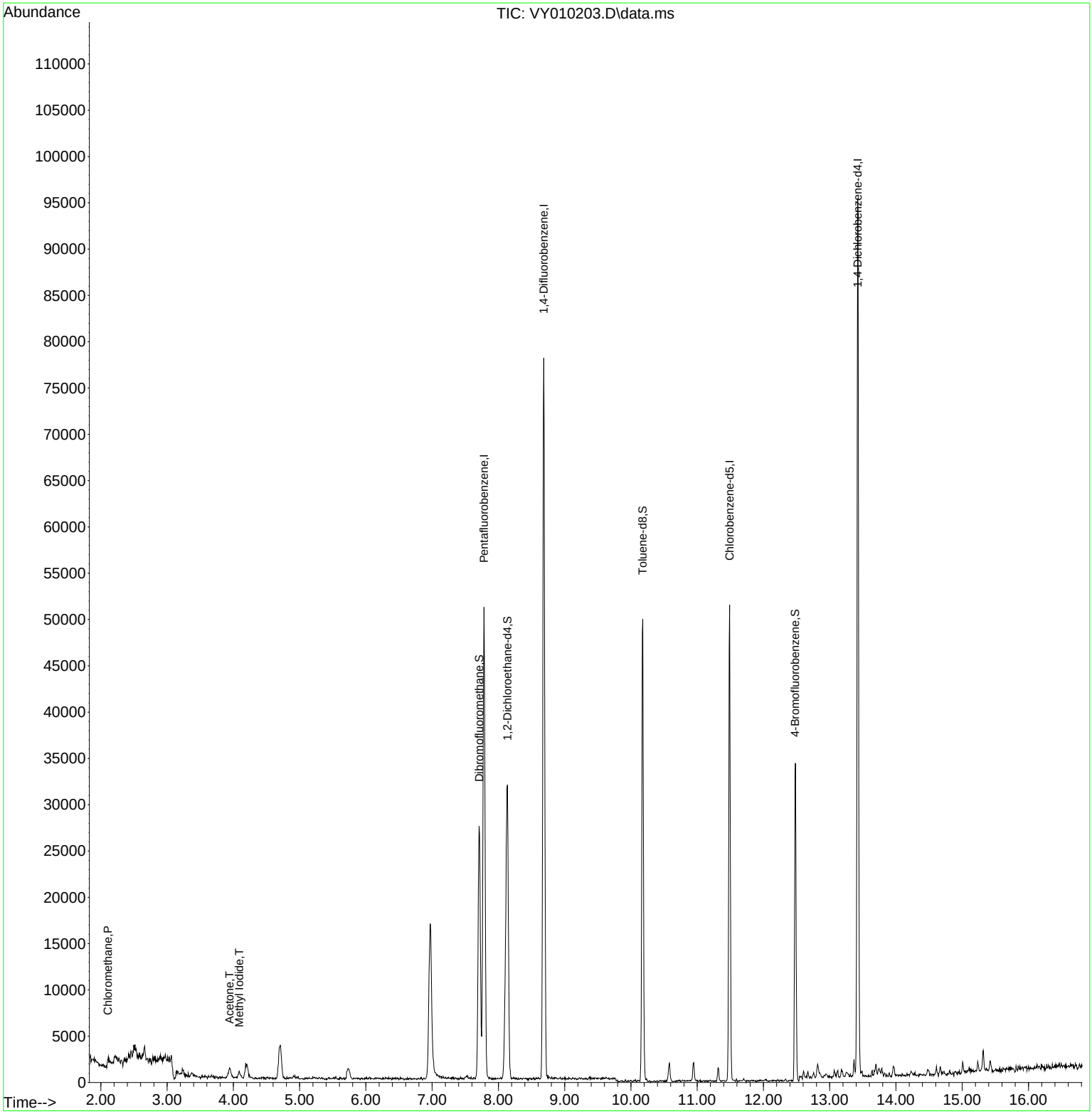
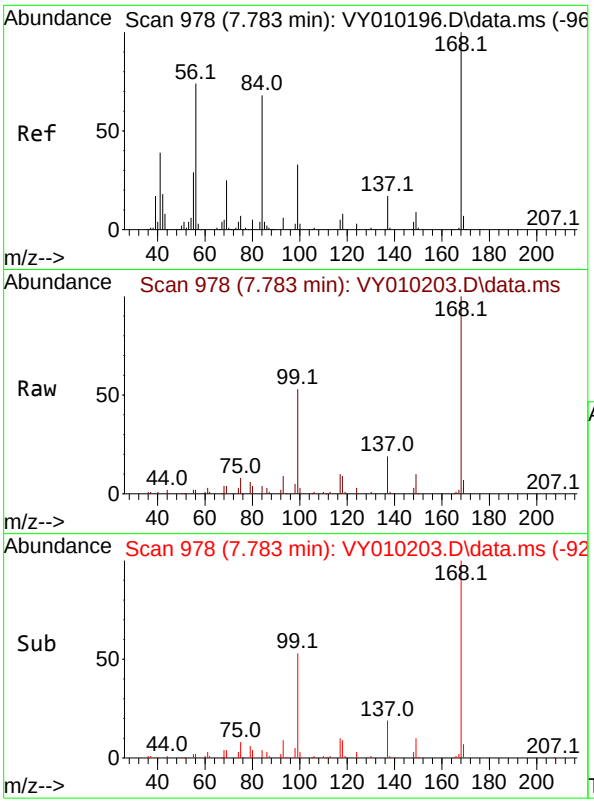


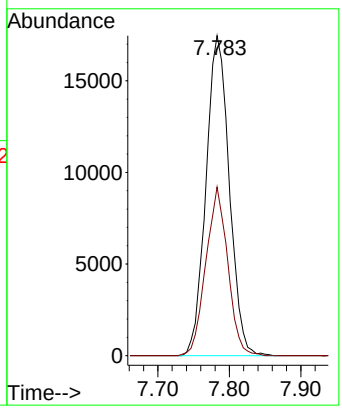


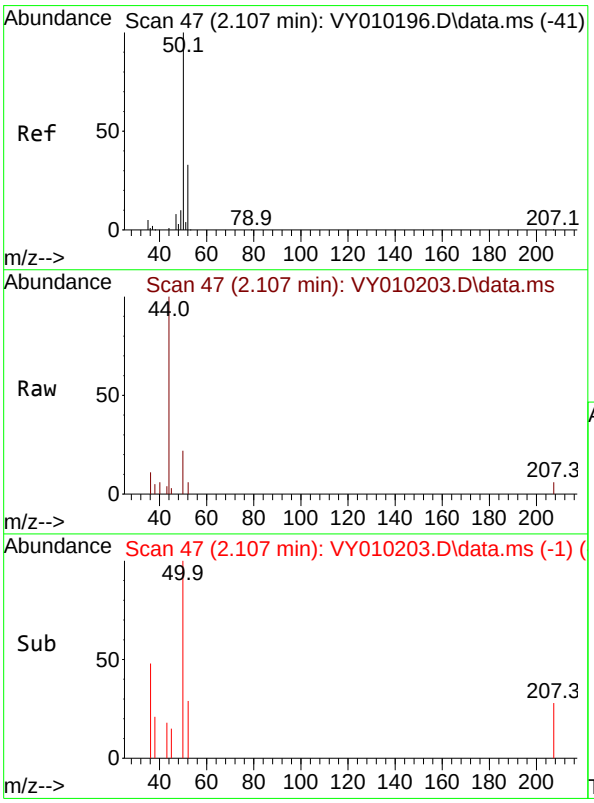
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY010203.D
Acq: 25 Aug 2022 13:26

Instrument :
MSVOA_Y
ClientSampleId :
DRUM-1-9

Tgt Ion:168 Resp: 39550

Ion	Ratio	Lower	Upper
168	100		
99	52.7	46.9	70.3

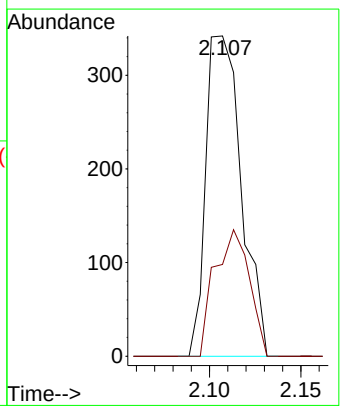


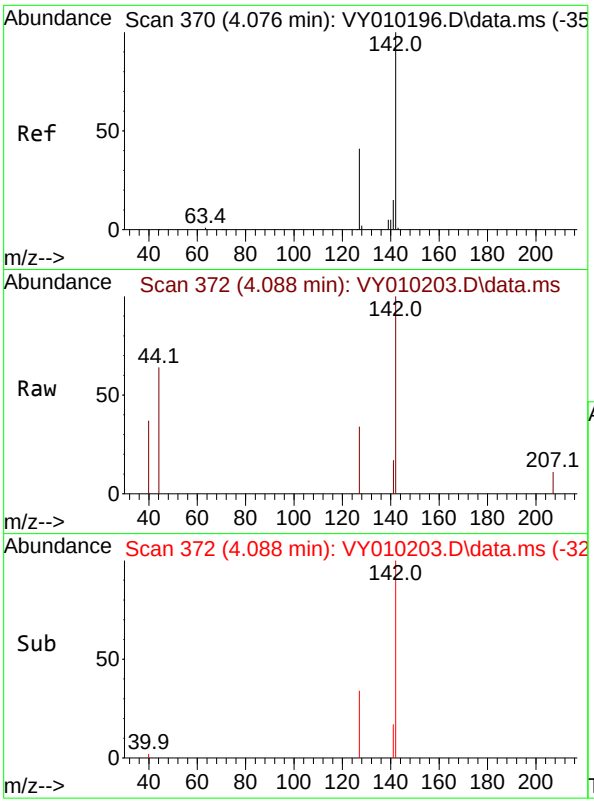


#3
Chloromethane
Concen: 1.390 ug/l
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY010203.D
Acq: 25 Aug 2022 13:26

Tgt Ion: 50 Resp: 464

Ion	Ratio	Lower	Upper
50	100		
52	28.7	24.6	37.0



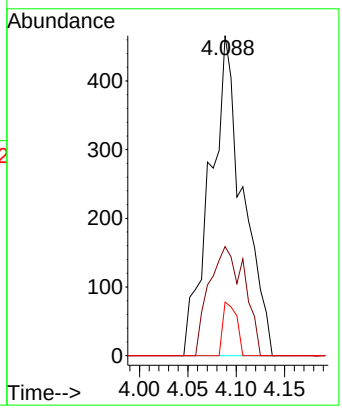


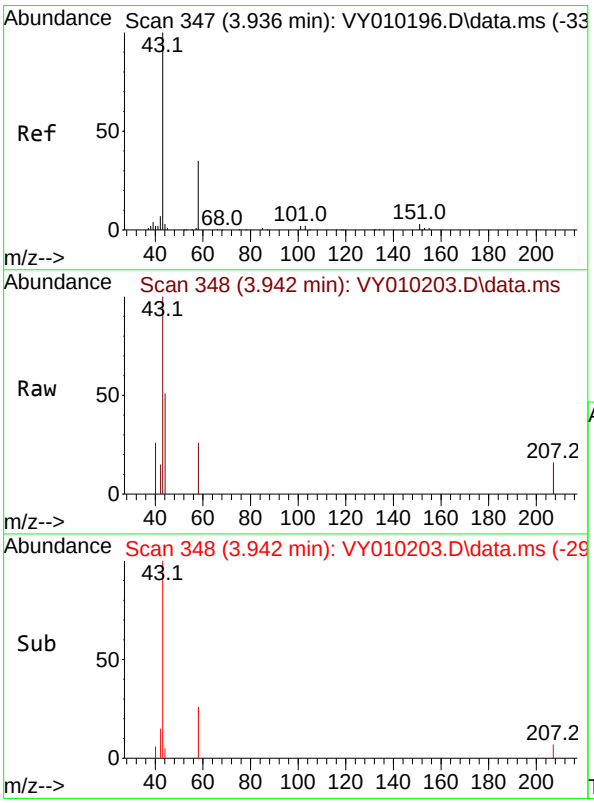
#10
Methyl Iodide
Concen: 2.430 ug/l
RT: 4.088 min Scan# 3
Delta R.T. 0.012 min
Lab File: VY010203.D
Acq: 25 Aug 2022 13:26

Instrument :
MSVOA_Y
ClientSampleId :
DRUM-1-9

Tgt Ion:142 Resp: 1100

Ion	Ratio	Lower	Upper
142	100		
127	36.7	41.5	62.3#
141	6.9	11.9	17.9#

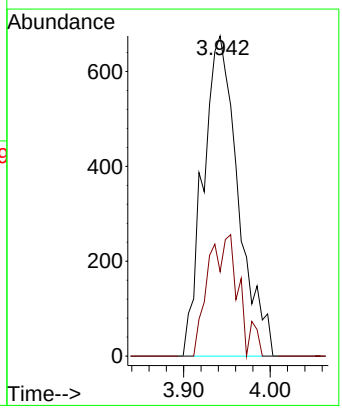


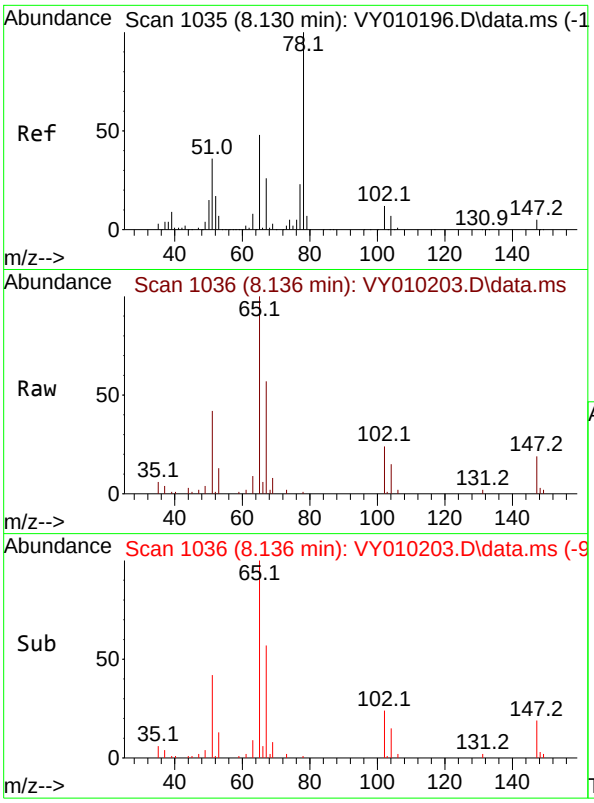


#16
Acetone
Concen: 17.694 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010203.D
Acq: 25 Aug 2022 13:26

Tgt Ion: 43 Resp: 1900

Ion	Ratio	Lower	Upper
43	100		
58	26.4	22.0	33.0



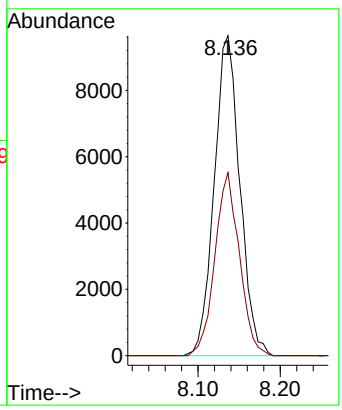


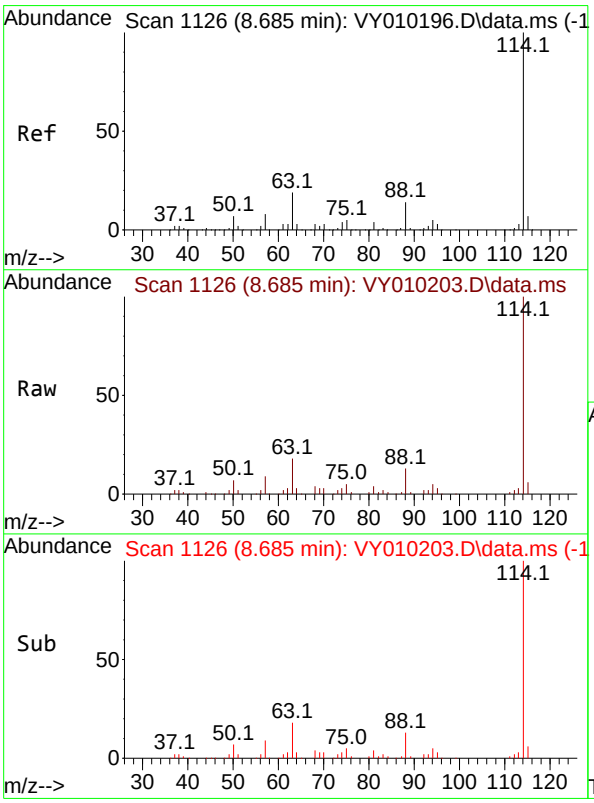
#33
1,2-Dichloroethane-d4
Concen: 63.914 ug/l
RT: 8.136 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY010203.D
Acq: 25 Aug 2022 13:26

Instrument :
MSVOA_Y
ClientSampleId :
DRUM-1-9

Tgt Ion: 65 Resp: 20925

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	99.4

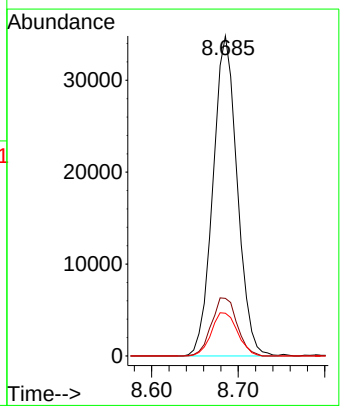


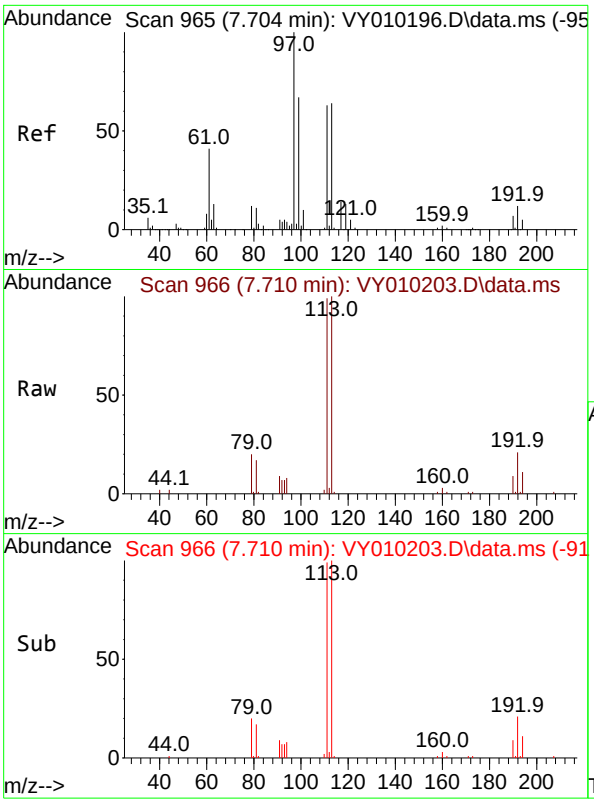


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010203.D
Acq: 25 Aug 2022 13:26

Tgt Ion:114 Resp: 67709

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	43.2
88	13.3	0.0	31.8



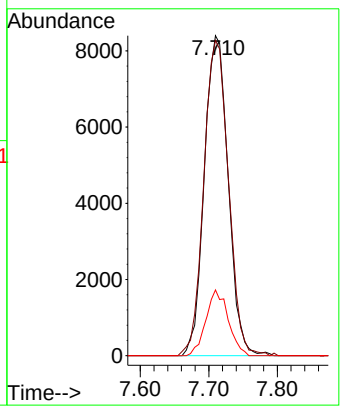


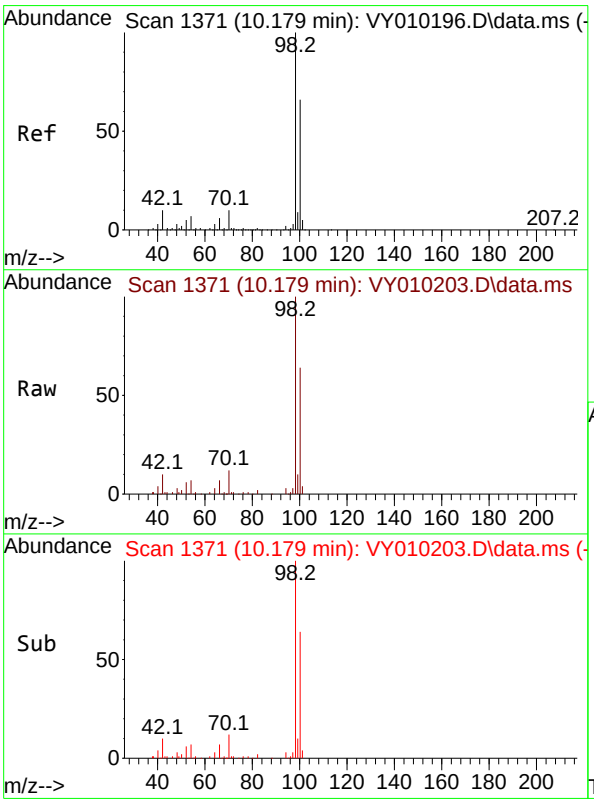
#35
Dibromofluoromethane
Concen: 45.788 ug/l
RT: 7.710 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY010203.D
Acq: 25 Aug 2022 13:26

Instrument :
MSVOA_Y
ClientSampleId :
DRUM-1-9

Tgt Ion:113 Resp: 20327

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.6	124.0
192	19.2	17.6	26.4

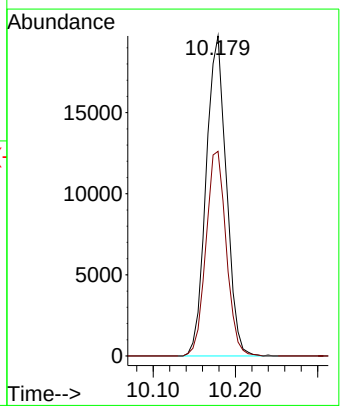


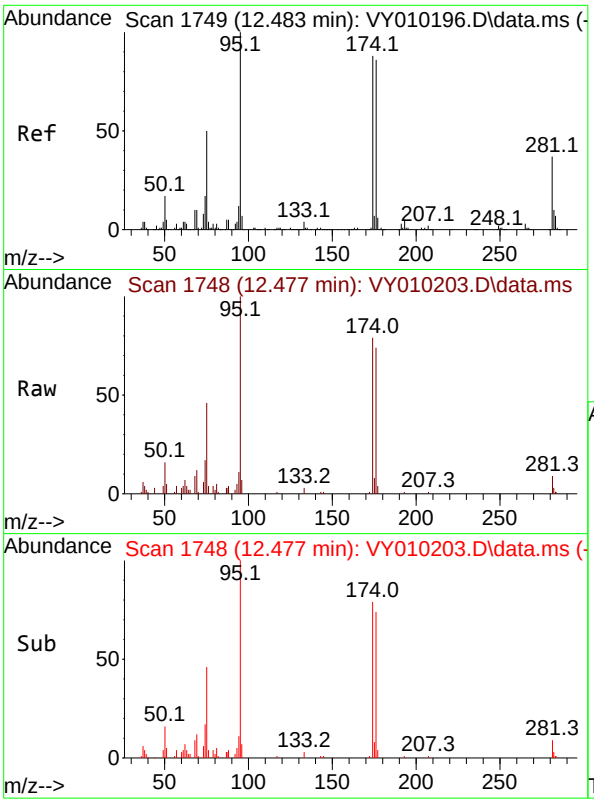


#50
Toluene-d8
Concen: 21.883 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010203.D
Acq: 25 Aug 2022 13:26

Tgt Ion: 98 Resp: 33713

Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.2	75.2



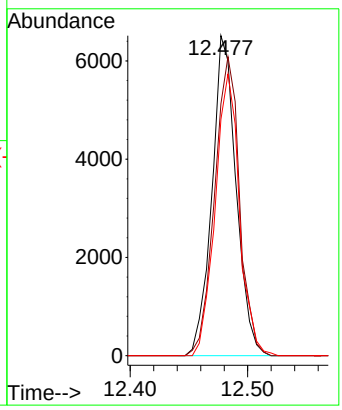


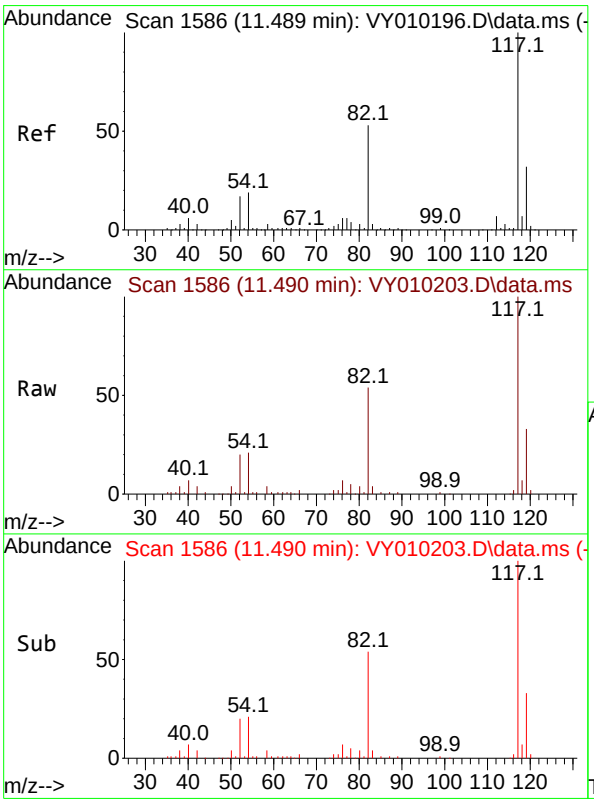
#62
4-Bromofluorobenzene
Concen: 15.805 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY010203.D
Acq: 25 Aug 2022 13:26

Instrument :
MSVOA_Y
ClientSampleId :
DRUM-1-9

Tgt Ion: 95 Resp: 9328

Ion	Ratio	Lower	Upper
95	100		
174	96.2	0.0	177.0
176	88.2	0.0	175.8

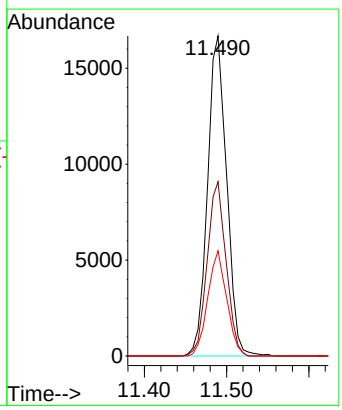


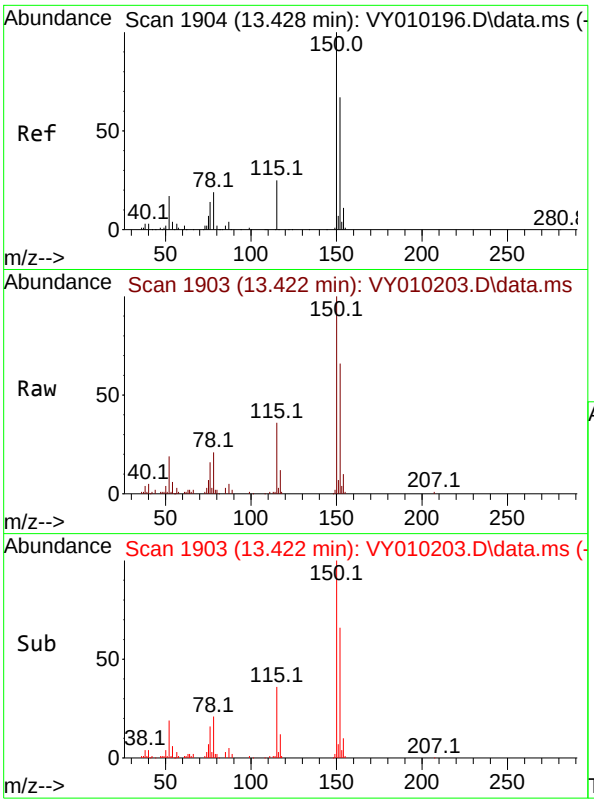


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY010203.D
Acq: 25 Aug 2022 13:26

Tgt Ion:117 Resp: 26891

Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.0	64.4
119	32.9	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY010203.D
Acq: 25 Aug 2022 13:26

Instrument :
MSVOA_Y
ClientSampleId :
DRUM-1-9

Tgt Ion:152 Resp: 26095

Ion	Ratio	Lower	Upper
152	100		
115	54.0	28.2	84.7
150	156.4	0.0	347.6