Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
Data File : VY008114.D
Acq On : 30 Mar 2022 16:51
Operator : SY/MD
Sample : N2155-08RE
Misc : 5.32g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
22L076-HRE

Quant Time: Mar 31 04:34:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	130484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	235834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	224182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101071	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	73707	56.302	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.600%			
35) Dibromofluoromethane	7.722	113	36807	24.893	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 49.780%#			
50) Toluene-d8	10.179	98	283647	50.918	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.840%			
62) 4-Bromofluorobenzene	12.483	95	100550	51.161	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.320%			
Target Compounds						Qvalue
16) Acetone	3.948	43	16037	53.594	ug/l #	88
25) 2-Butanone	6.984	43	11155	24.497	ug/l #	78
68) m/p-Xylenes	11.697	106	12405	3.521	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	20482	3.077	ug/l	99

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

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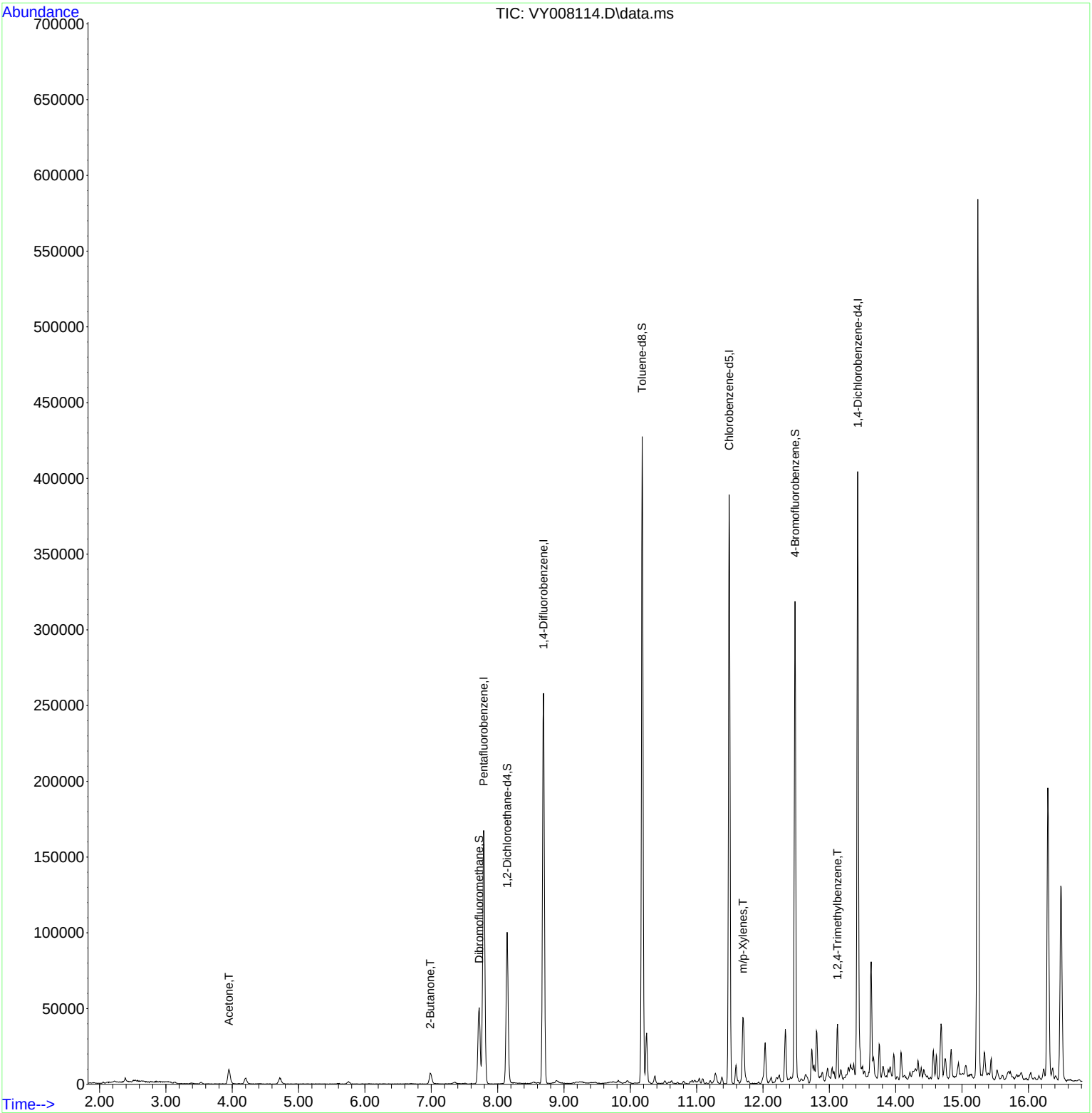
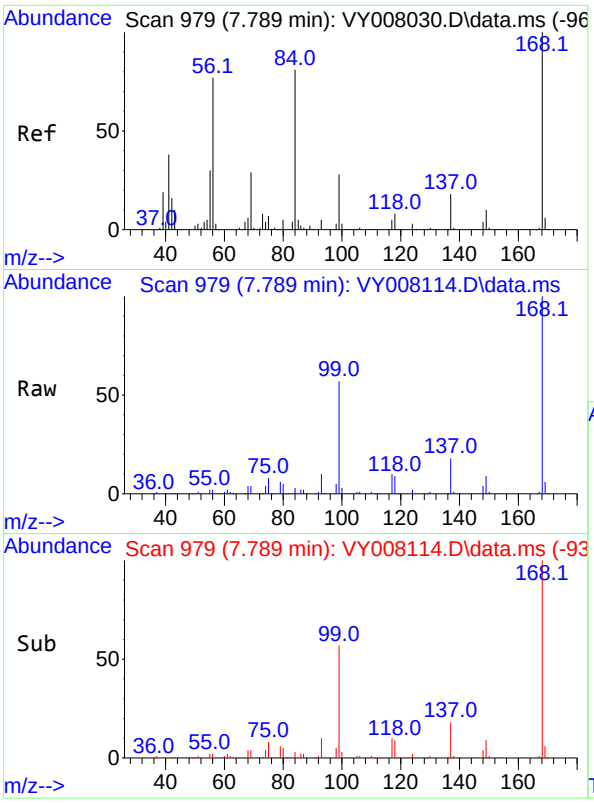


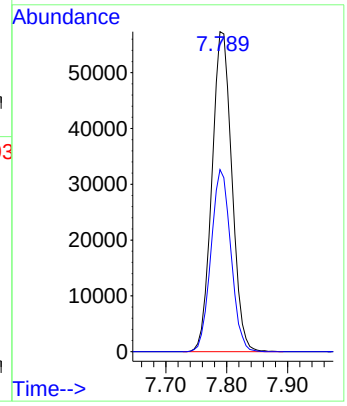


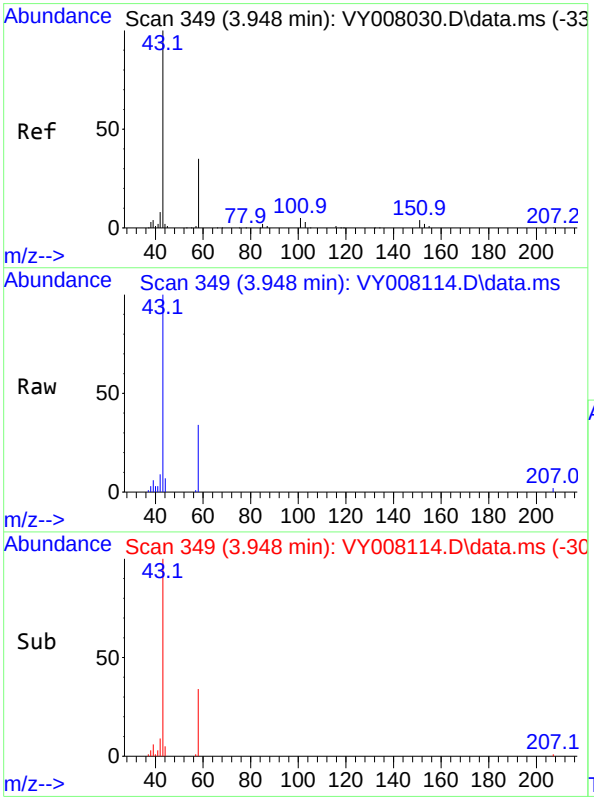
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY008114.D
Acq: 30 Mar 2022 16:51

Instrument :
MSVOA_Y
ClientSampleId :
22L076-HRE

Tgt Ion:168 Resp: 130484

Ion	Ratio	Lower	Upper
168	100		
99	56.9	46.9	70.3

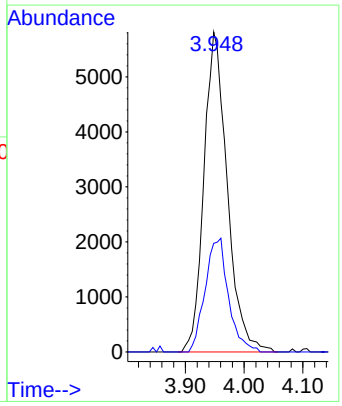


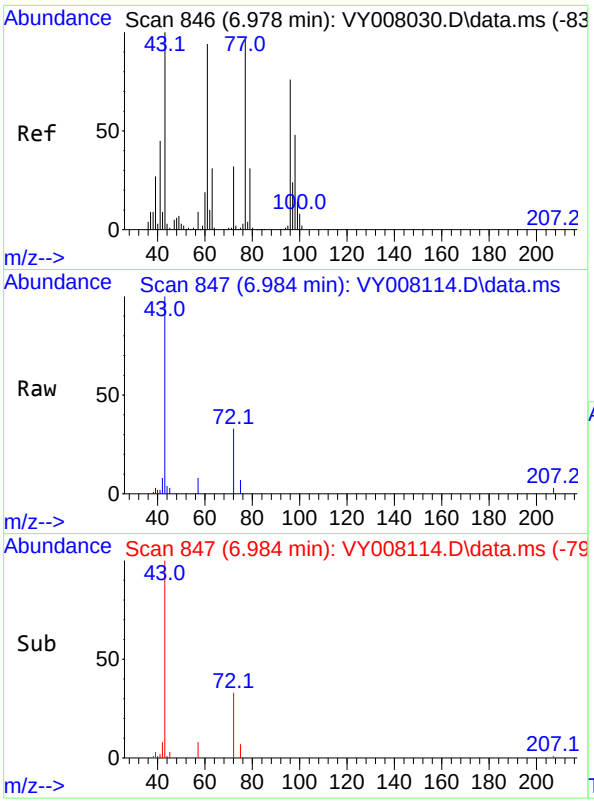


#16
Acetone
Concen: 53.594 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008114.D
Acq: 30 Mar 2022 16:51

Tgt Ion: 43 Resp: 16037

Ion	Ratio	Lower	Upper
43	100		
58	34.0	22.0	33.0#



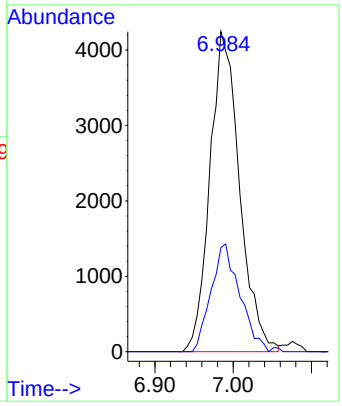


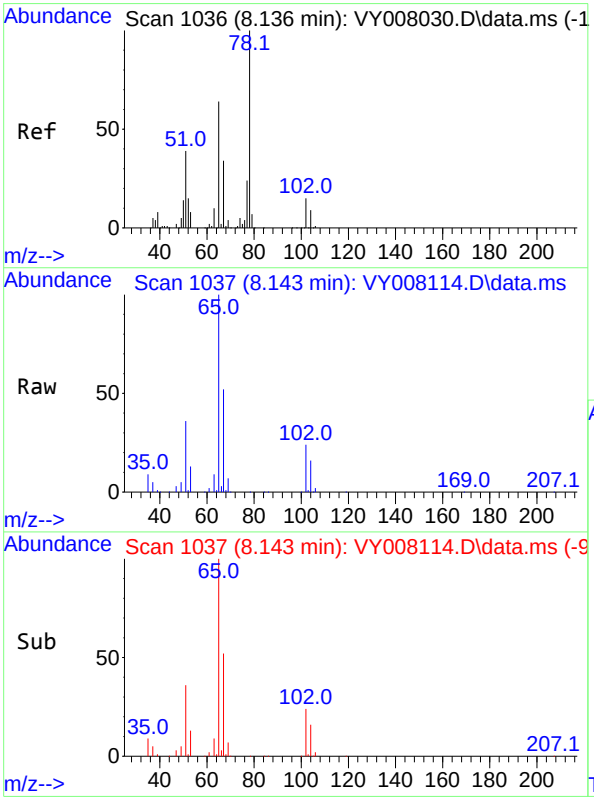
#25
2-Butanone
Concen: 24.497 ug/l
RT: 6.984 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY008114.D
Acq: 30 Mar 2022 16:51

Instrument :
MSVOA_Y
ClientSampleId :
22L076-HRE

Tgt Ion: 43 Resp: 11155

Ion	Ratio	Lower	Upper
43	100		
72	32.5	17.7	26.5#

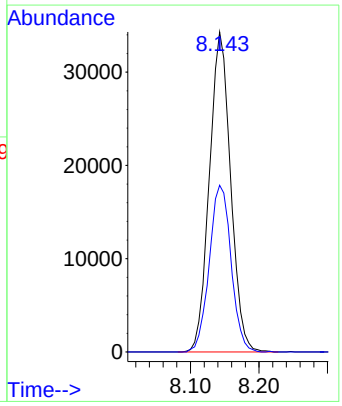


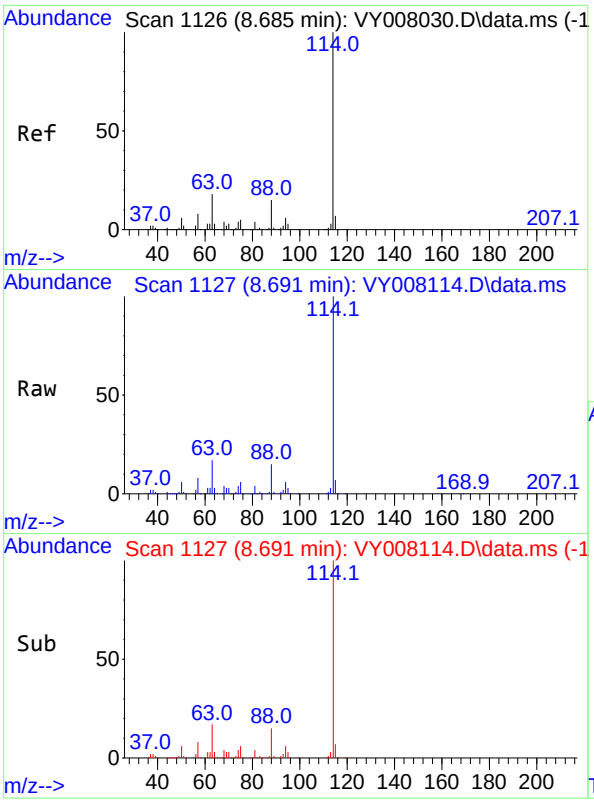


#33
1,2-Dichloroethane-d4
Concen: 56.302 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008114.D
Acq: 30 Mar 2022 16:51

Tgt Ion: 65 Resp: 73707

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	99.4



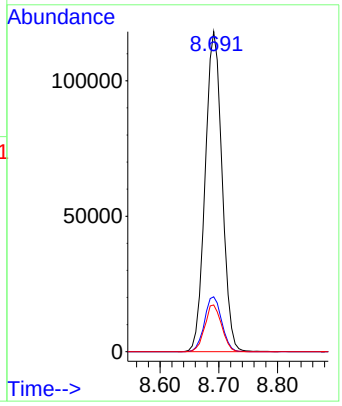


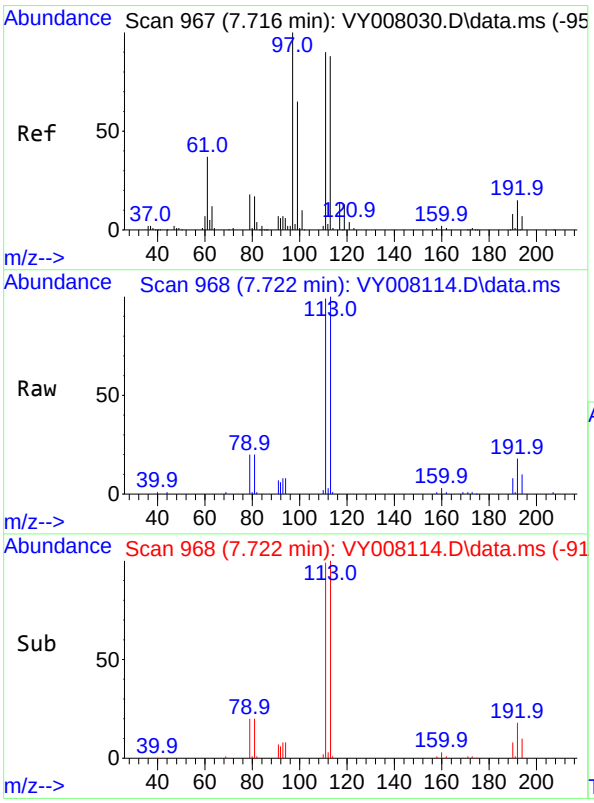
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008114.D
Acq: 30 Mar 2022 16:51

Instrument :
MSVOA_Y
ClientSampleId :
22L076-HRE

Tgt Ion:114 Resp: 235834

Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	43.2
88	14.6	0.0	31.8

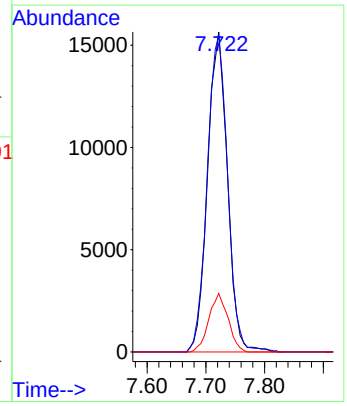


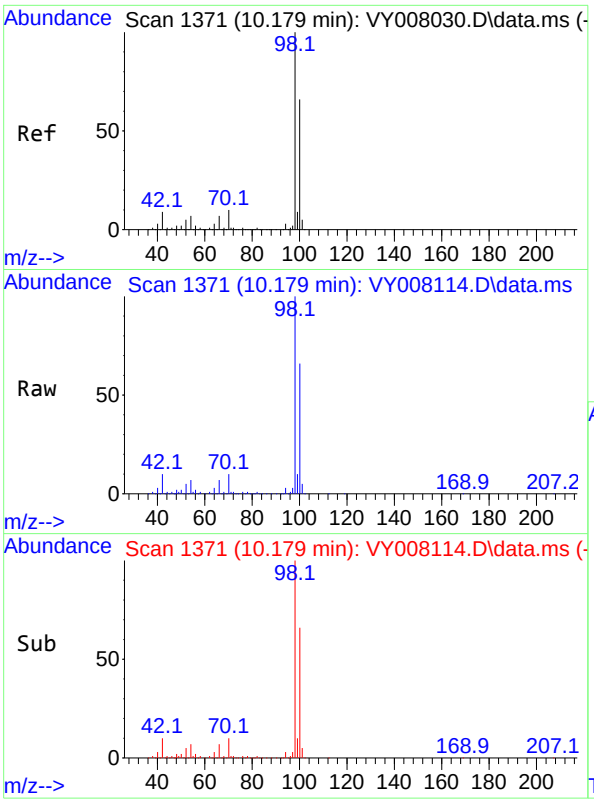


#35
Dibromofluoromethane
Concen: 24.893 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY008114.D
Acq: 30 Mar 2022 16:51

Tgt Ion:113 Resp: 36807

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.6	124.0
192	17.7	17.6	26.4



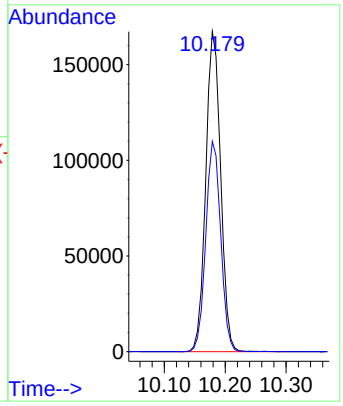


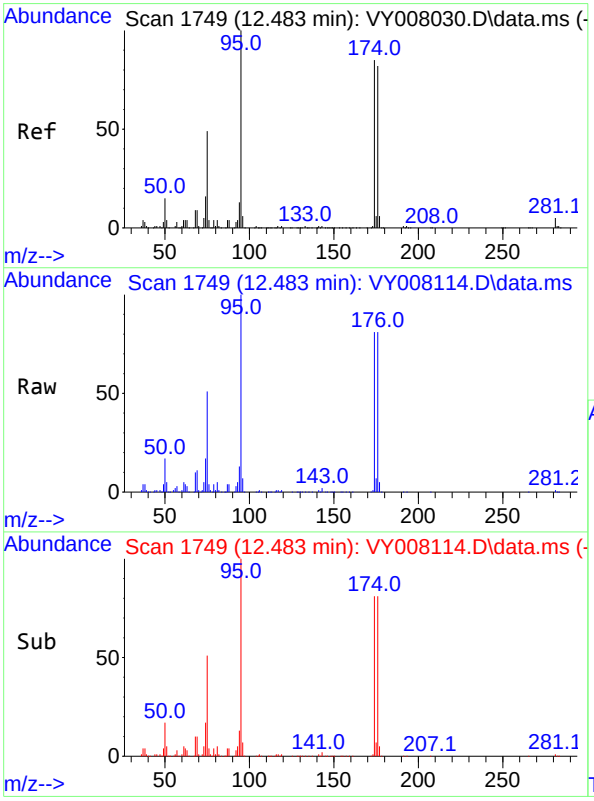
#50
Toluene-d8
Concen: 50.918 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY008114.D
Acq: 30 Mar 2022 16:51

Instrument :
MSVOA_Y
ClientSampleId :
22L076-HRE

Tgt Ion: 98 Resp: 283647

Ion	Ratio	Lower	Upper
98	100		
100	66.0	50.2	75.2

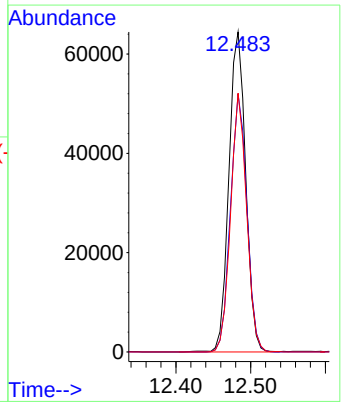


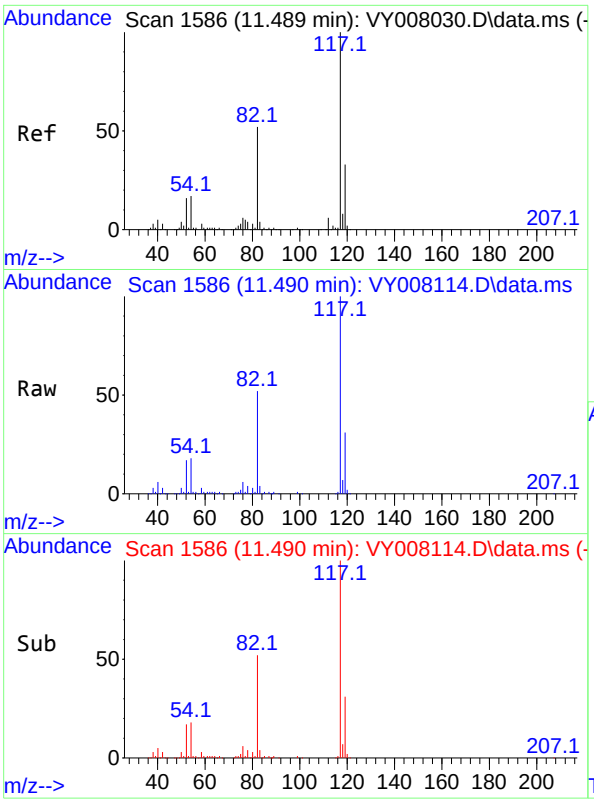


#62
4-Bromofluorobenzene
Concen: 51.161 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008114.D
Acq: 30 Mar 2022 16:51

Tgt Ion: 95 Resp: 100550

Ion	Ratio	Lower	Upper
95	100		
174	79.0	0.0	177.0
176	76.8	0.0	175.8



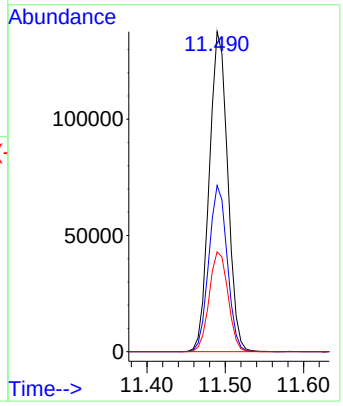


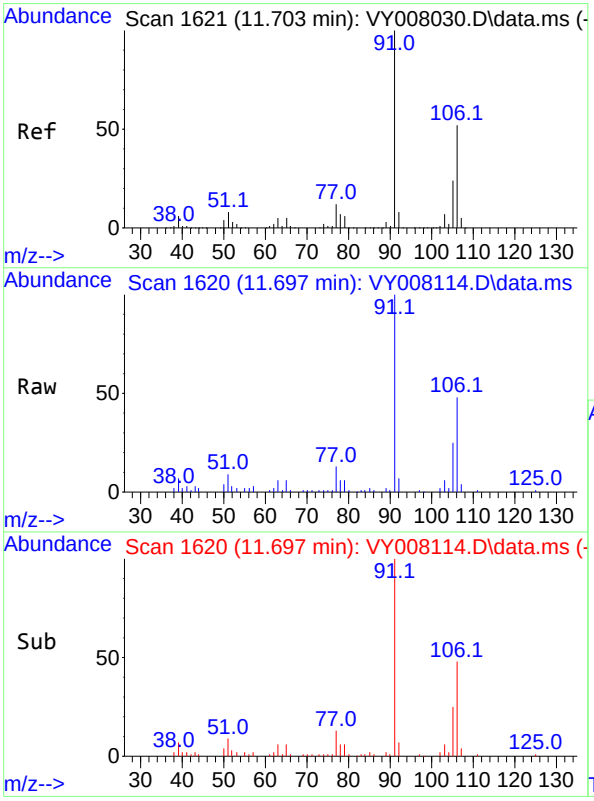
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY008114.D
Acq: 30 Mar 2022 16:51

Instrument :
MSVOA_Y
ClientSampleId :
22L076-HRE

Tgt Ion:117 Resp: 224182

Ion	Ratio	Lower	Upper
117	100		
82	51.9	43.0	64.4
119	31.2	25.4	38.0

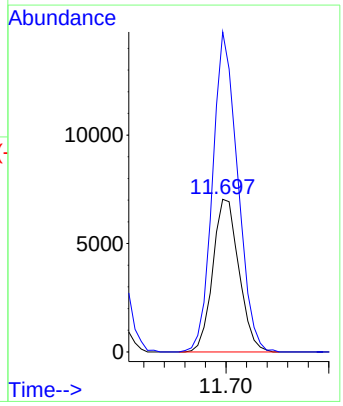


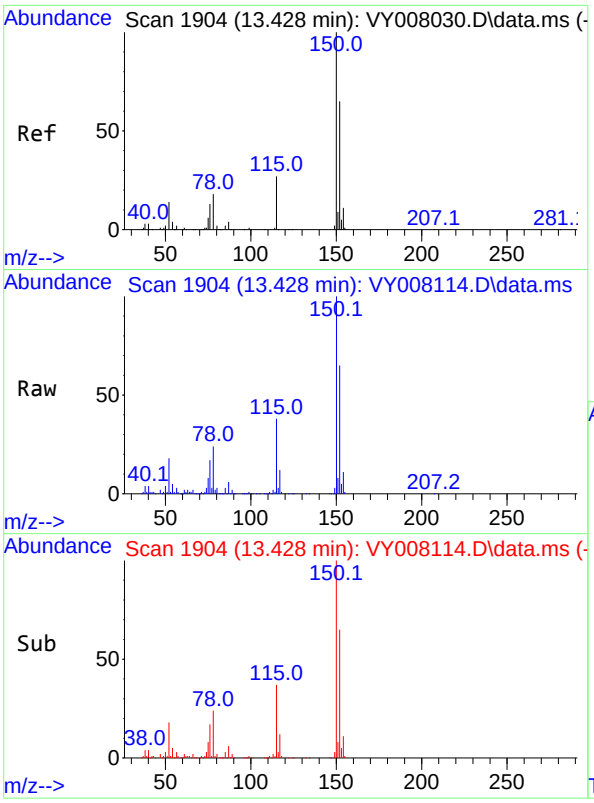


#68
m/p-Xylenes
Concen: 3.521 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY008114.D
Acq: 30 Mar 2022 16:51

Tgt Ion:106 Resp: 12405

Ion	Ratio	Lower	Upper
106	100		
91	201.7	166.6	249.8



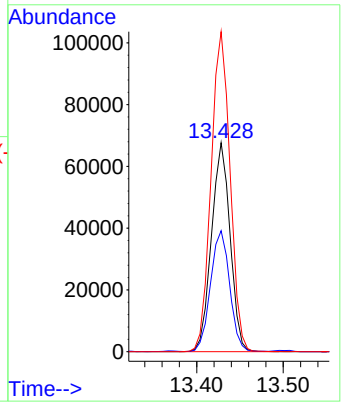


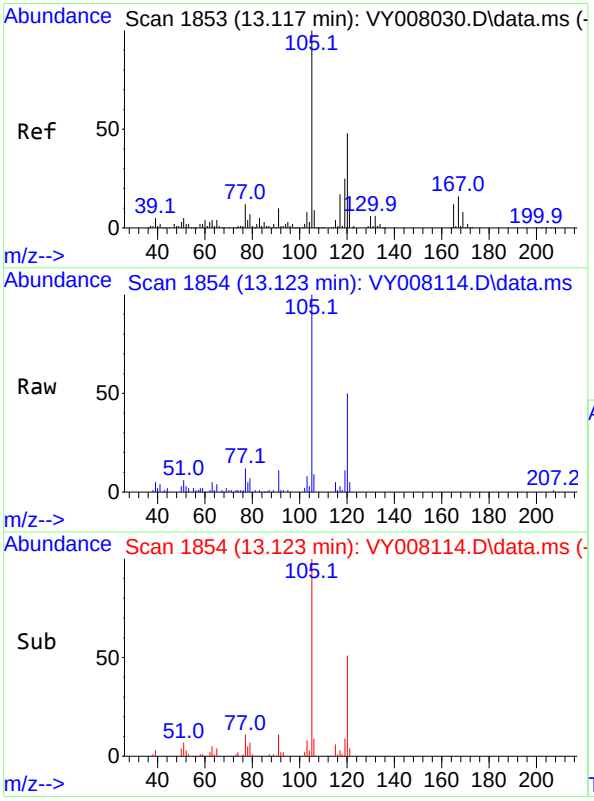
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY008114.D
Acq: 30 Mar 2022 16:51

Instrument :
MSVOA_Y
ClientSampleId :
22L076-HRE

Tgt Ion:152 Resp: 101071

Ion	Ratio	Lower	Upper
152	100		
115	59.3	28.2	84.7
150	156.3	0.0	347.6





#84
1,2,4-Trimethylbenzene
Concen: 3.077 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008114.D
Acq: 30 Mar 2022 16:51

Tgt Ion:105 Resp: 20482

Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.3	66.9