Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031722\
Data File : VY007878.D
Acq On : 17 Mar 2022 16:43
Operator : SY/MD
Sample : N1853-02RE
Misc : 6.87g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SR-EX2A-BASE-02RE

Quant Time: Mar 17 18:22:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 13:55:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	96467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	151056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	113964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	46153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	39182	35.623	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 71.240%			
35) Dibromofluoromethane	7.716	113	41758	39.363	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 78.720%			
50) Toluene-d8	10.179	98	171961	54.188	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.380%			
62) 4-Bromofluorobenzene	12.483	95	50393	33.098	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 66.200%			
Target Compounds						Qvalue
52) Toluene	10.246	92	5506	1.865	ug/l	98
67) Ethyl Benzene	11.593	91	7984	1.642	ug/l	90
68) m/p-Xylenes	11.697	106	2415	1.273	ug/l	87
69) o-Xylene	12.026	106	5333	2.906	ug/l	92

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

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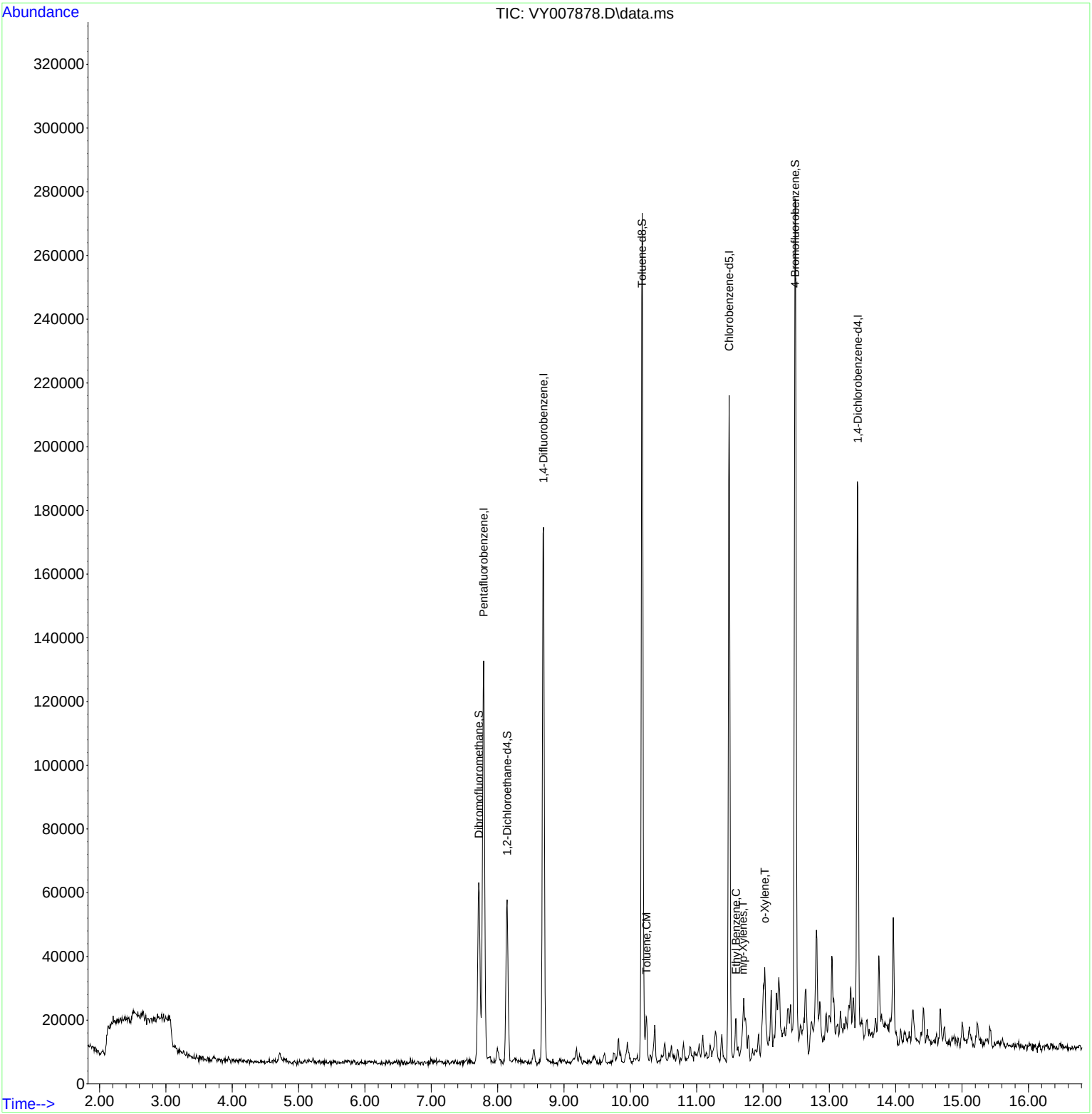
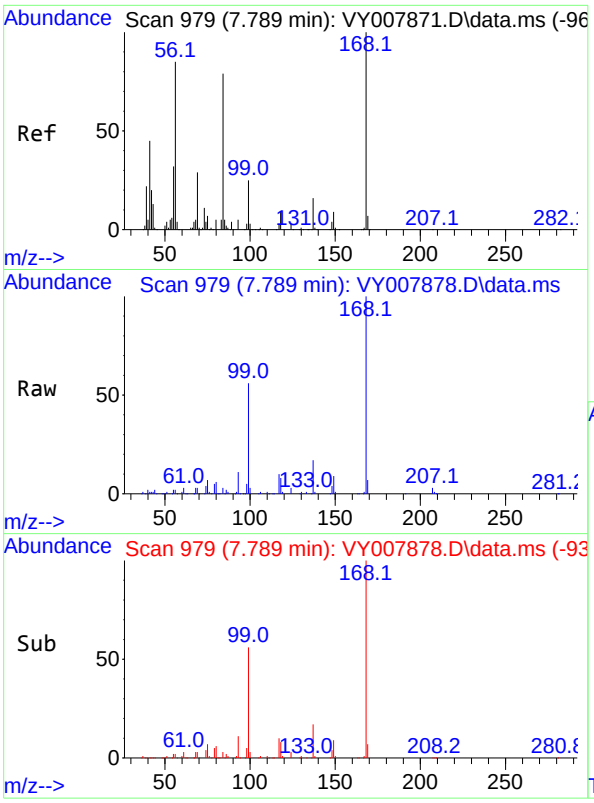


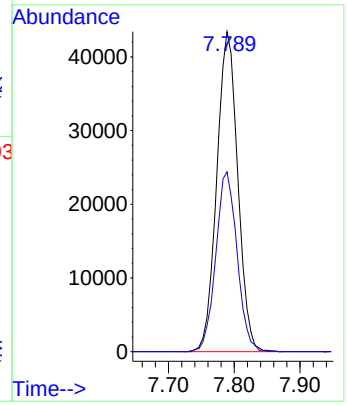


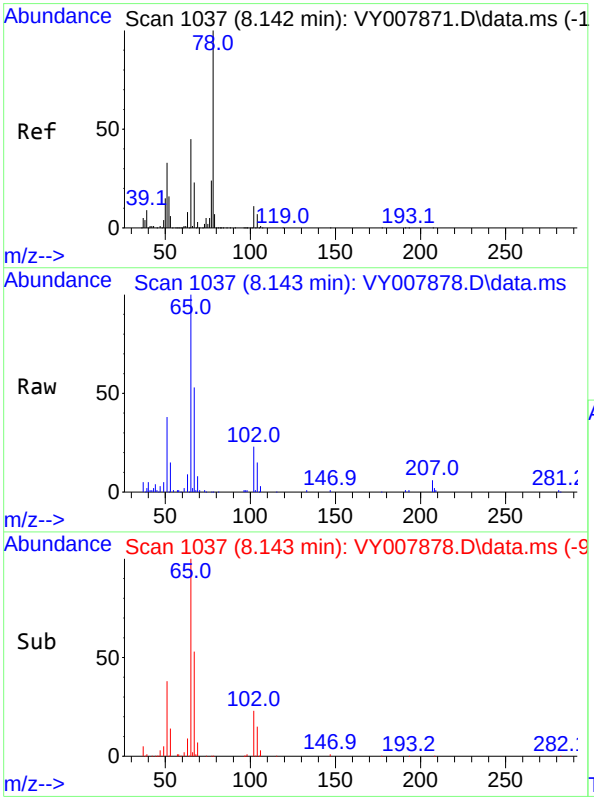
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY007878.D
Acq: 17 Mar 2022 16:43

Instrument :
MSVOA_Y
ClientSampleId :
SR-EX2A-BASE-02RE

Tgt Ion:168 Resp: 96467

Ion	Ratio	Lower	Upper
168	100		
99	56.2	46.9	70.3

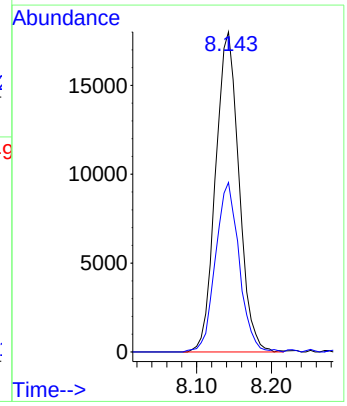


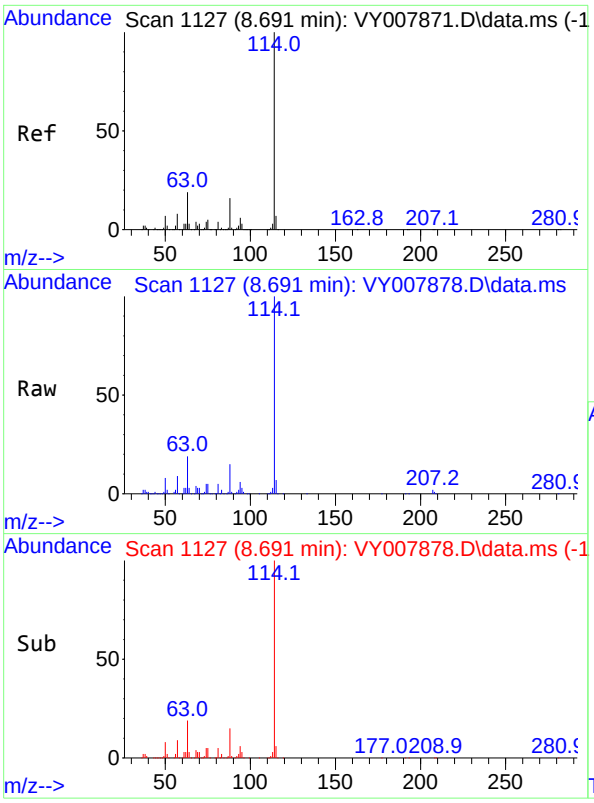


#33
1,2-Dichloroethane-d4
Concen: 35.623 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007878.D
Acq: 17 Mar 2022 16:43

Tgt Ion: 65 Resp: 39182

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	99.4



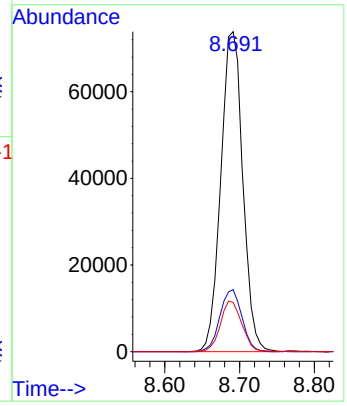


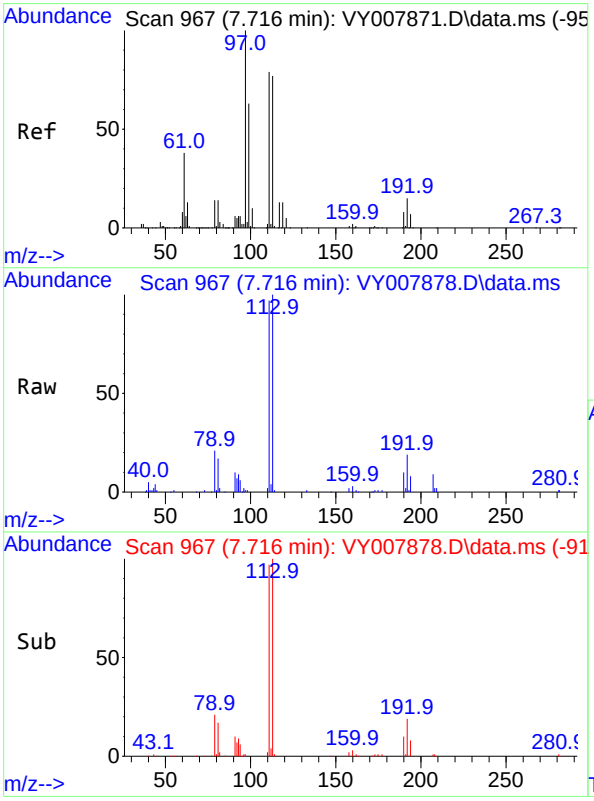
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007878.D
Acq: 17 Mar 2022 16:43

Instrument :
MSVOA_Y
ClientSampleId :
SR-EX2A-BASE-02RE

Tgt Ion:114 Resp: 151056

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	43.2
88	15.4	0.0	31.8

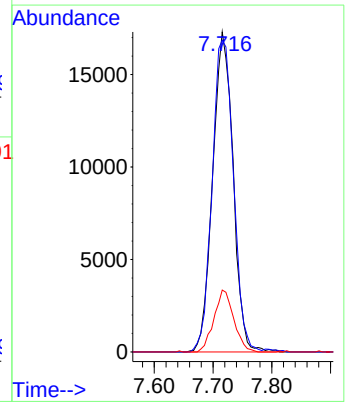


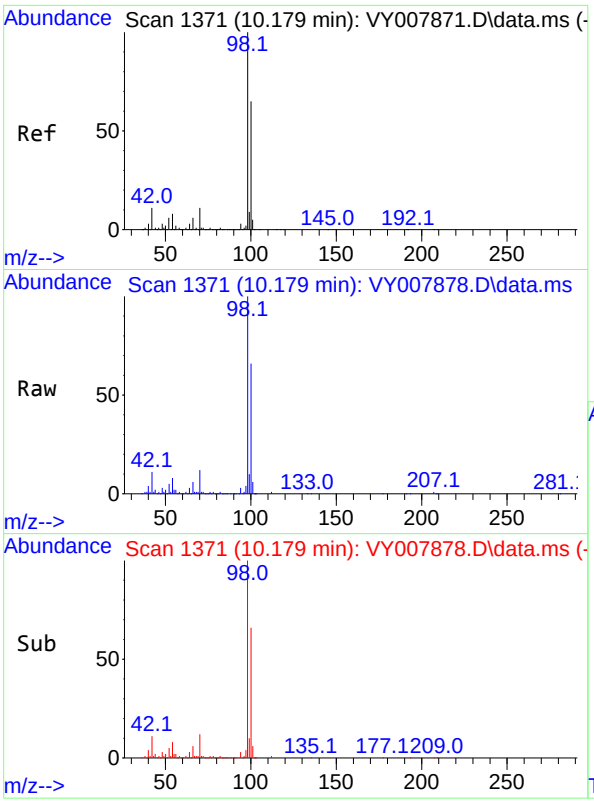


#35
Dibromofluoromethane
Concen: 39.363 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY007878.D
Acq: 17 Mar 2022 16:43

Tgt Ion:113 Resp: 41758

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.6	124.0
192	18.7	17.6	26.4



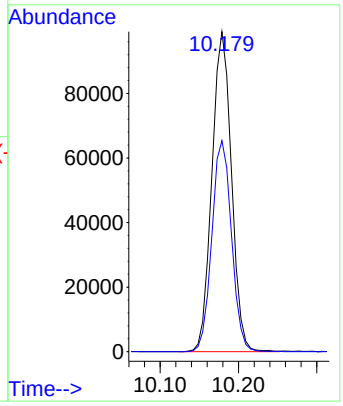


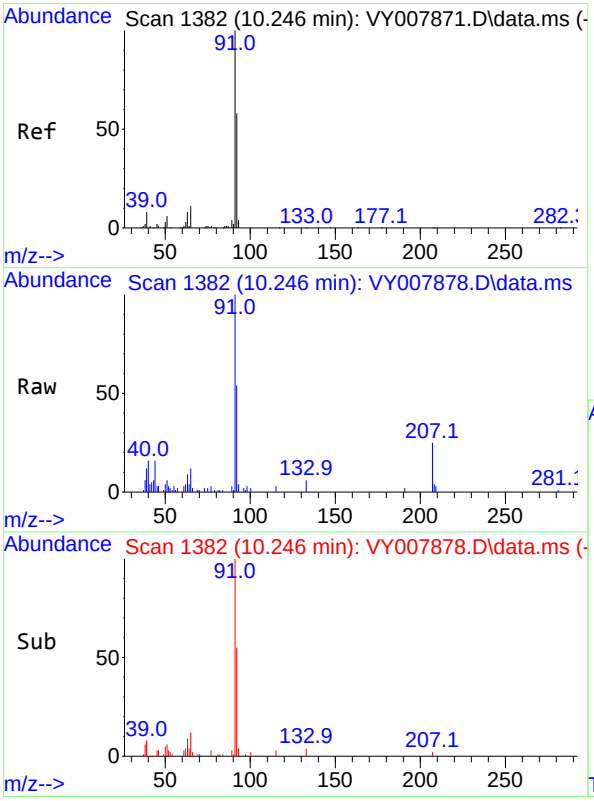
#50
Toluene-d8
Concen: 54.188 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007878.D
Acq: 17 Mar 2022 16:43

Instrument :
MSVOA_Y
ClientSampleId :
SR-EX2A-BASE-02RE

Tgt Ion: 98 Resp: 171961

Ion	Ratio	Lower	Upper
98	100		
100	66.2	50.2	75.2

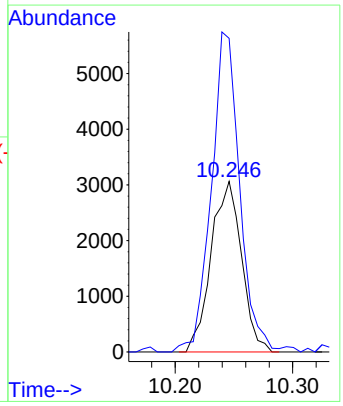


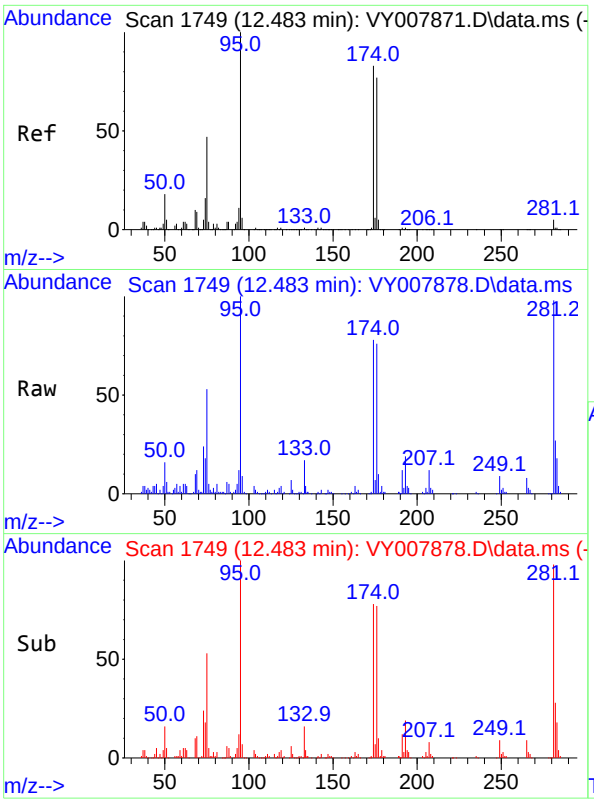


#52
Toluene
Concen: 1.865 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY007878.D
Acq: 17 Mar 2022 16:43

Tgt Ion: 92 Resp: 5506

Ion	Ratio	Lower	Upper
92	100		
91	175.0	142.6	213.8



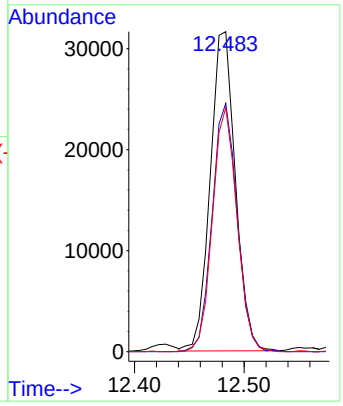


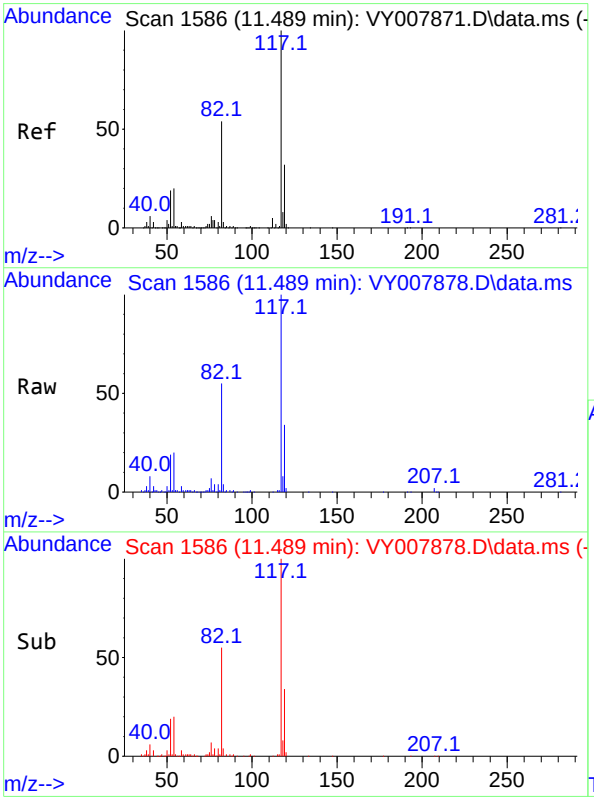
#62
4-Bromofluorobenzene
Concen: 33.098 ug/l
RT: 12.483 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007878.D
Acq: 17 Mar 2022 16:43

Instrument :
MSVOA_Y
ClientSampleId :
SR-EX2A-BASE-02RE

Tgt Ion: 95 Resp: 50393

Ion	Ratio	Lower	Upper
95	100		
174	77.5	0.0	177.0
176	74.5	0.0	175.8

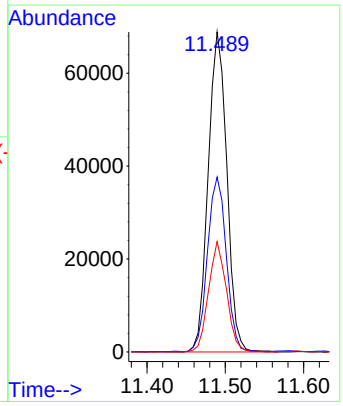


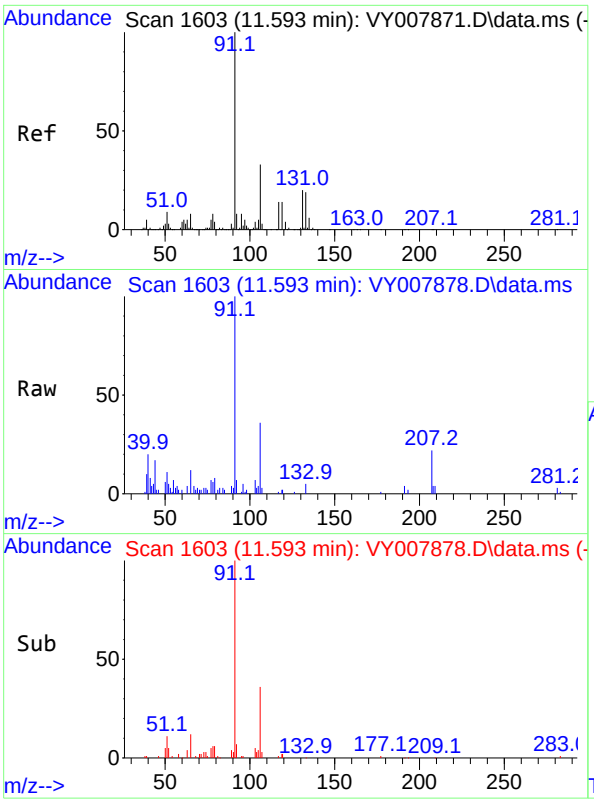


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007878.D
Acq: 17 Mar 2022 16:43

Tgt Ion:117 Resp: 113964

Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.0	64.4
119	34.5	25.4	38.0



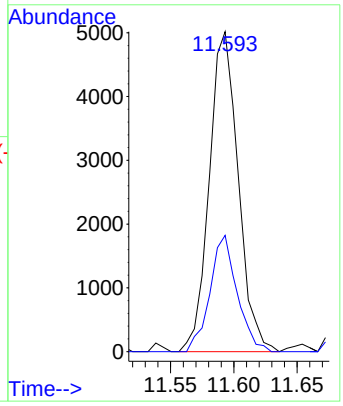


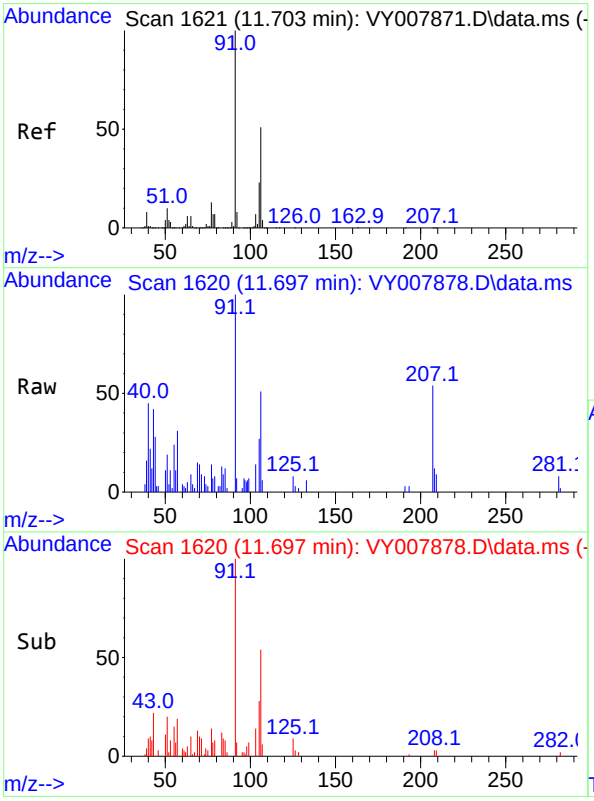
#67
Ethyl Benzene
Concen: 1.642 ug/l
RT: 11.593 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007878.D
Acq: 17 Mar 2022 16:43

Instrument :
MSVOA_Y
ClientSampleId :
SR-EX2A-BASE-02RE

Tgt Ion: 91 Resp: 7984

Ion	Ratio	Lower	Upper
91	100		
106	36.3	24.5	36.7

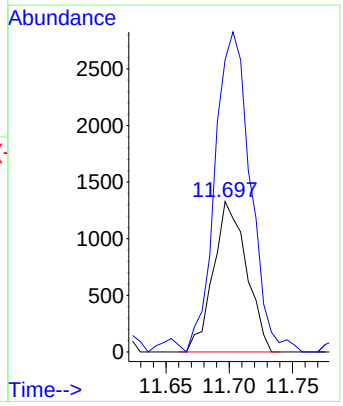


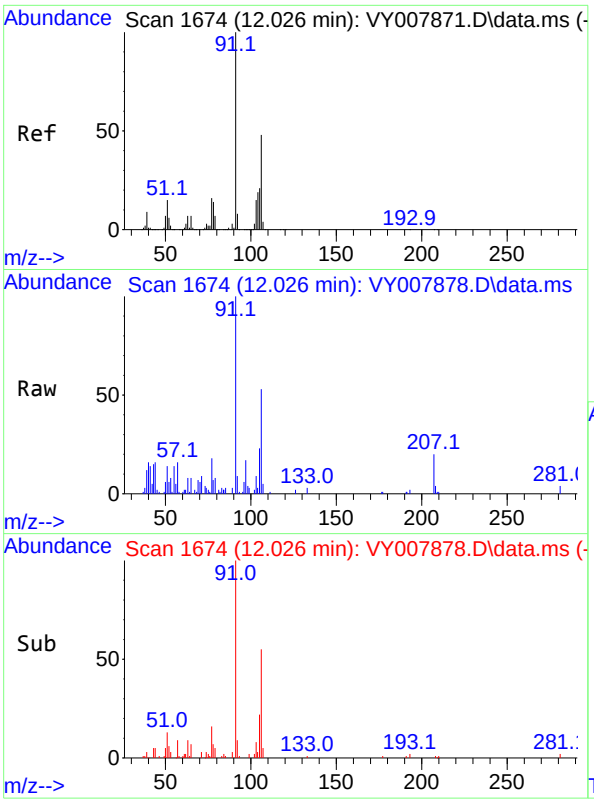


#68
m/p-Xylenes
Concen: 1.273 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY007878.D
Acq: 17 Mar 2022 16:43

Tgt Ion:106 Resp: 2415

Ion	Ratio	Lower	Upper
106	100		
91	228.4	166.6	249.8



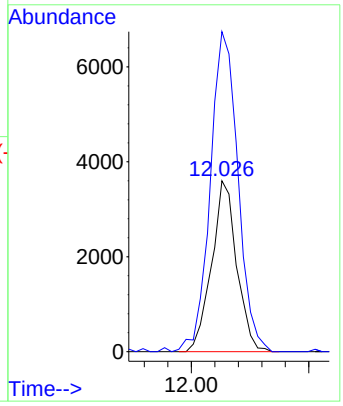


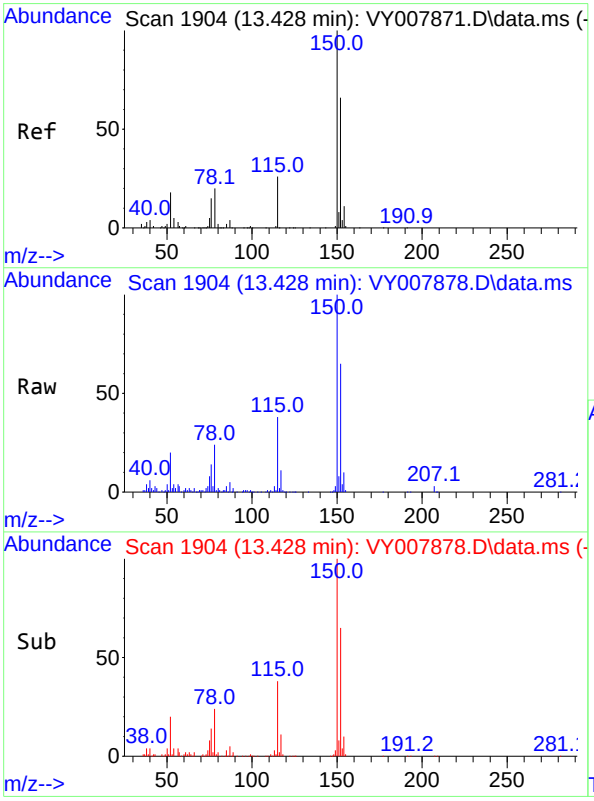
#69
o-Xylene
Concen: 2.906 ug/l
RT: 12.026 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007878.D
Acq: 17 Mar 2022 16:43

Instrument :
MSVOA_Y
ClientSampleId :
SR-EX2A-BASE-02RE

Tgt Ion:106 Resp: 5333

Ion	Ratio	Lower	Upper
106	100		
91	207.5	110.3	331.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007878.D
Acq: 17 Mar 2022 16:43

Tgt Ion:152 Resp: 46153

Ion	Ratio	Lower	Upper
152	100		
115	60.8	28.2	84.7
150	157.2	0.0	347.6