Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007578.D
Acq On : 22 Feb 2022 13:21
Operator : SY/MD
Sample : N1600-04
Misc : 4.58g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0AA4

Quant Time: Feb 22 14:14:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 21 15:25:36 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	61926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	104128	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	109439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	49613	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	36980	57.658	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.320%			
35) Dibromofluoromethane	7.722	113	34477	52.217	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.440%			
50) Toluene-d8	10.179	98	130121	56.839	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.680%			
62) 4-Bromofluorobenzene	12.477	95	48705	58.757	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 117.520%			
Target Compounds						Qvalue
16) Acetone	3.948	43	11514	76.092	ug/l #	83
67) Ethyl Benzene	11.587	91	4424	1.088	ug/l	99
69) o-Xylene	12.026	106	7851	5.318	ug/l	93
80) 1,3,5-Trimethylbenzene	12.812	105	17965	5.457	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	13327	4.119	ug/l	87

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

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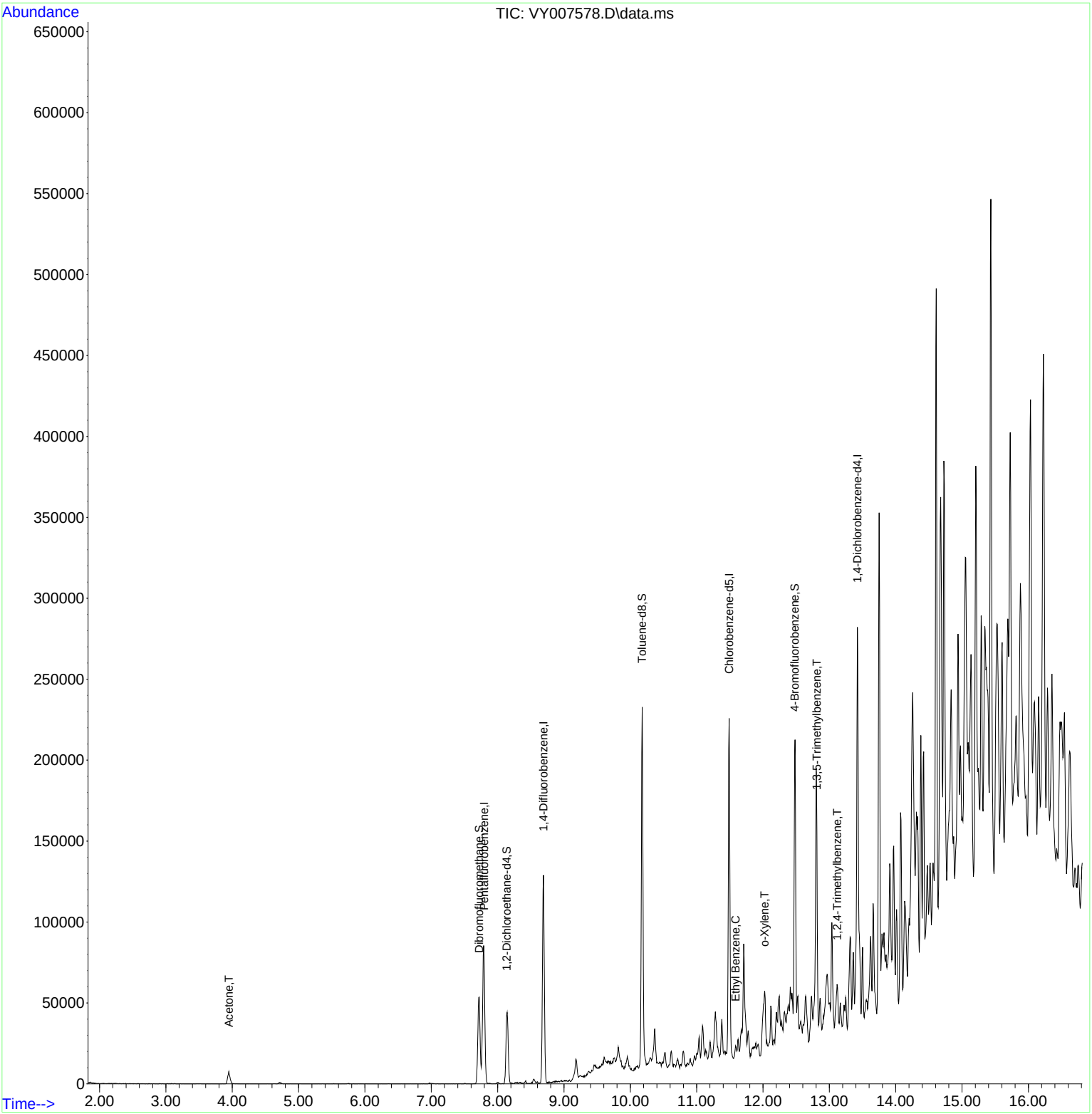
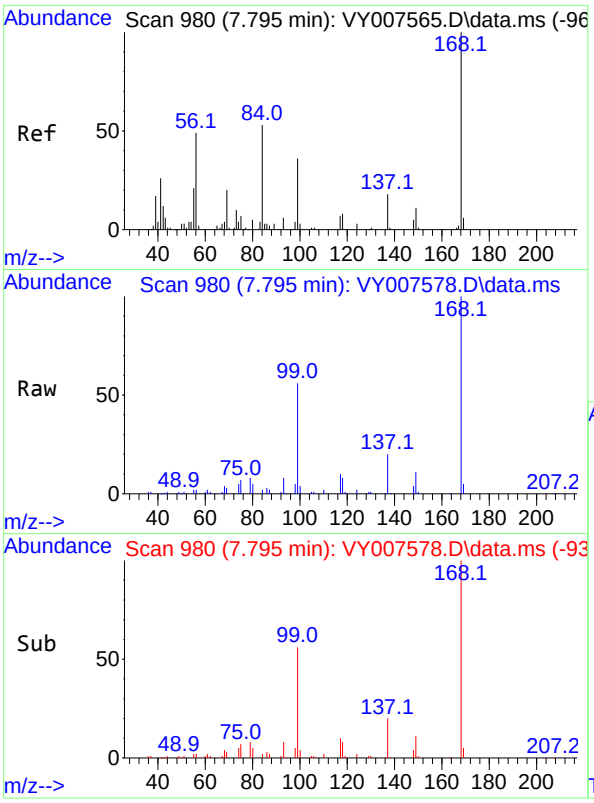


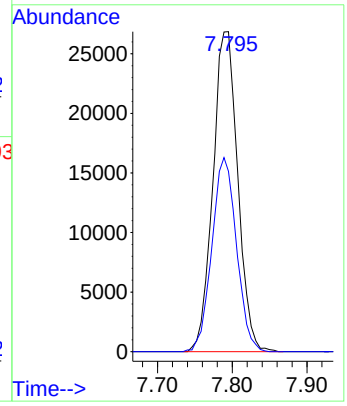


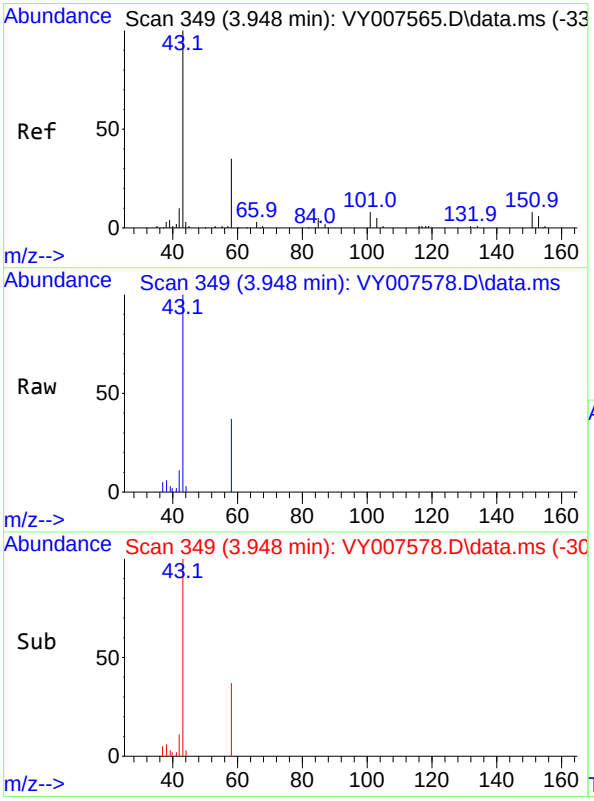
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY007578.D
Acq: 22 Feb 2022 13:21

Instrument :
MSVOA_Y
ClientSampleId :
C0AA4

Tgt Ion:168 Resp: 61926

Ion	Ratio	Lower	Upper
168	100		
99	56.3	46.9	70.3

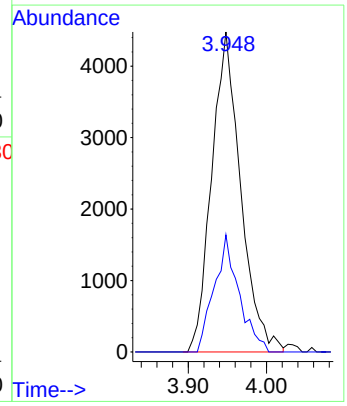


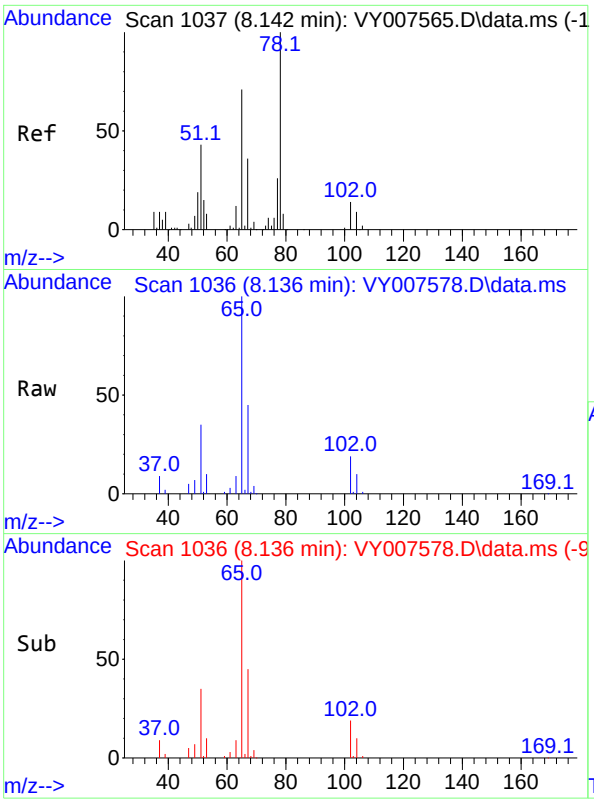


#16
Acetone
Concen: 76.092 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007578.D
Acq: 22 Feb 2022 13:21

Tgt Ion: 43 Resp: 11514

Ion	Ratio	Lower	Upper
43	100		
58	36.6	22.0	33.0#



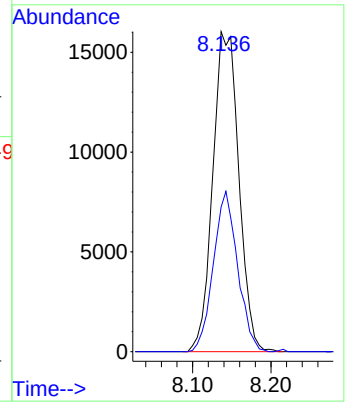


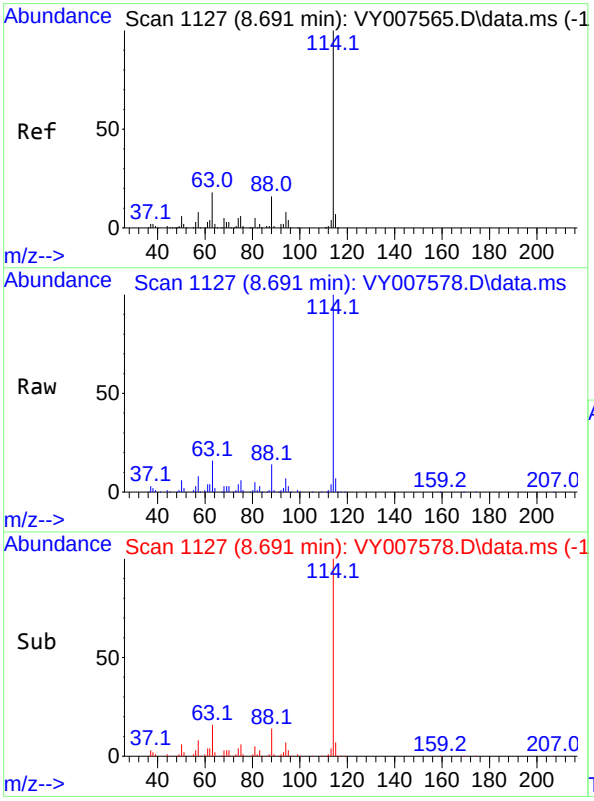
#33
1,2-Dichloroethane-d4
Concen: 57.658 ug/l
RT: 8.136 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007578.D
Acq: 22 Feb 2022 13:21

Instrument :
MSVOA_Y
ClientSampleId :
C0AA4

Tgt Ion: 65 Resp: 36980

Ion	Ratio	Lower	Upper
65	100		
67	46.7	0.0	99.4

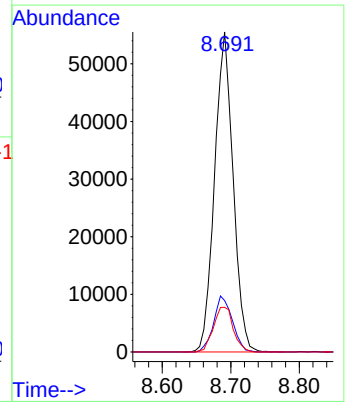


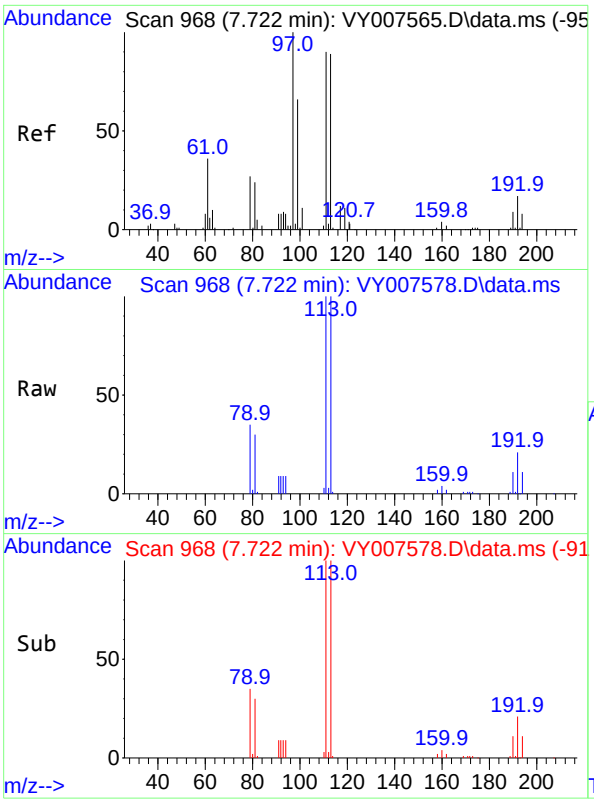


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007578.D
Acq: 22 Feb 2022 13:21

Tgt Ion:114 Resp: 104128

Ion	Ratio	Lower	Upper
114	100		
63	16.1	0.0	43.2
88	13.9	0.0	31.8



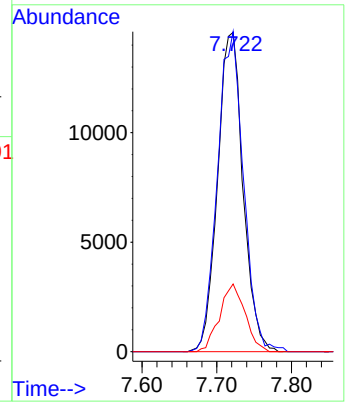


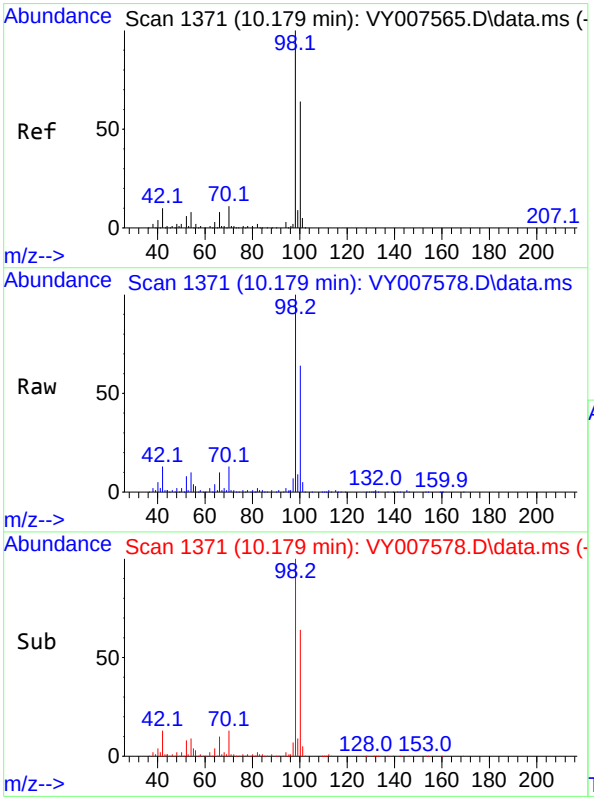
#35
Dibromofluoromethane
Concen: 52.217 ug/l
RT: 7.722 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY007578.D
Acq: 22 Feb 2022 13:21

Instrument :
MSVOA_Y
ClientSampleId :
C0AA4

Tgt Ion:113 Resp: 34477

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	124.0
192	21.3	17.6	26.4

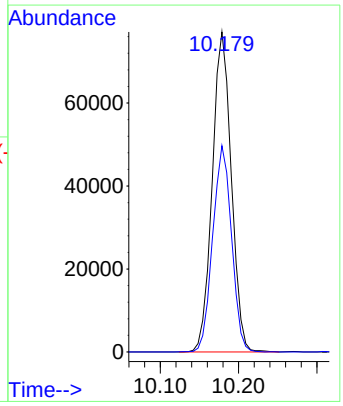


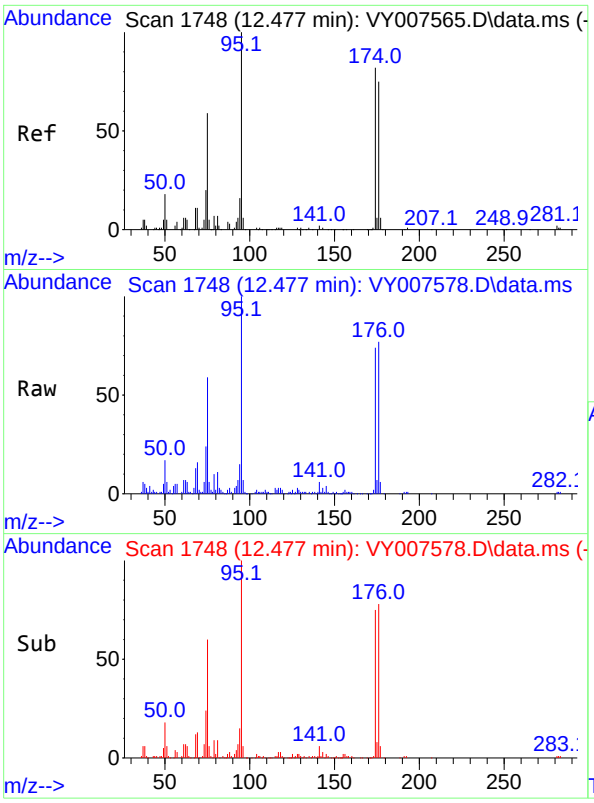


#50
Toluene-d8
Concen: 56.839 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007578.D
Acq: 22 Feb 2022 13:21

Tgt Ion: 98 Resp: 130121

Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.2	75.2



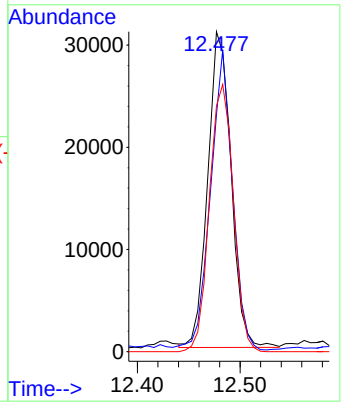


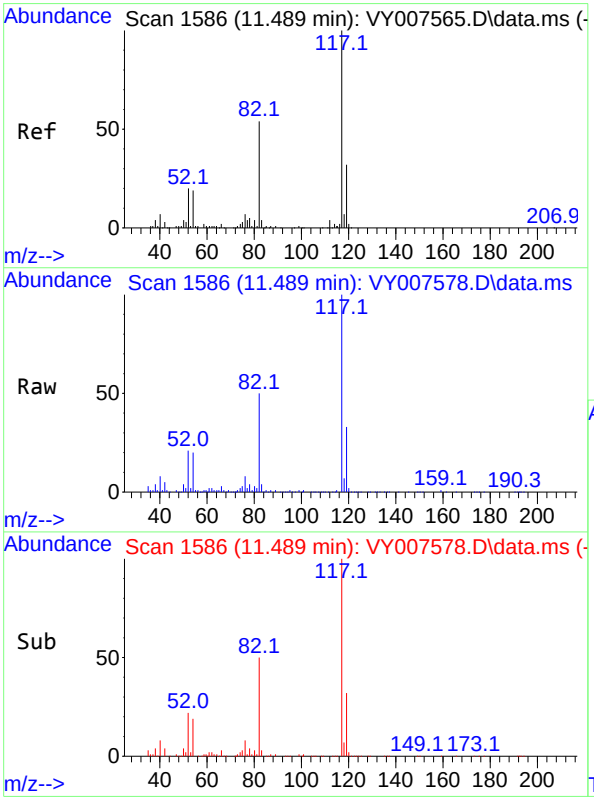
#62
4-Bromofluorobenzene
Concen: 58.757 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007578.D
Acq: 22 Feb 2022 13:21

Instrument :
MSVOA_Y
ClientSampleId :
C0AA4

Tgt Ion: 95 Resp: 48705

Ion	Ratio	Lower	Upper
95	100		
174	89.6	0.0	177.0
176	86.9	0.0	175.8

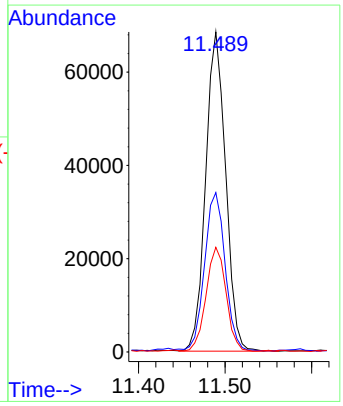


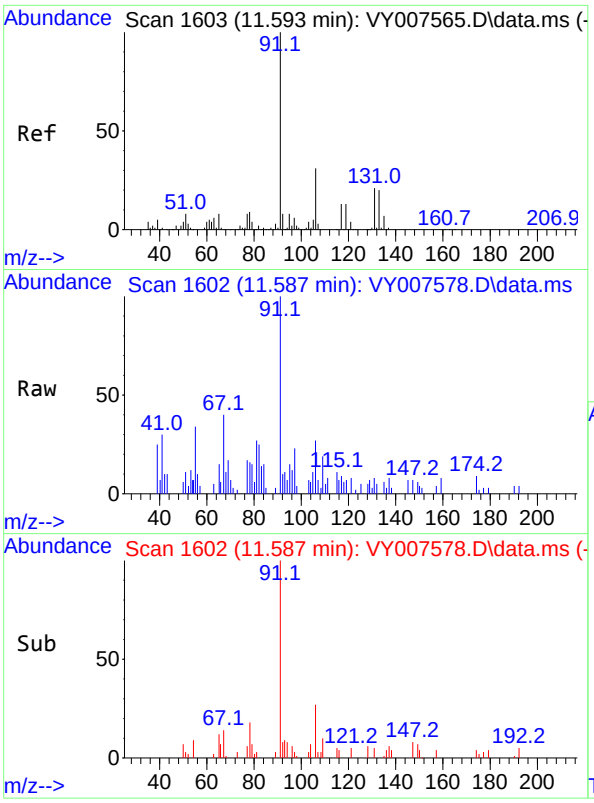


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007578.D
Acq: 22 Feb 2022 13:21

Tgt Ion:117 Resp: 109439

Ion	Ratio	Lower	Upper
117	100		
82	49.3	43.0	64.4
119	32.4	25.4	38.0



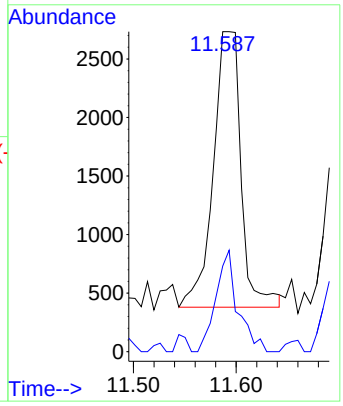


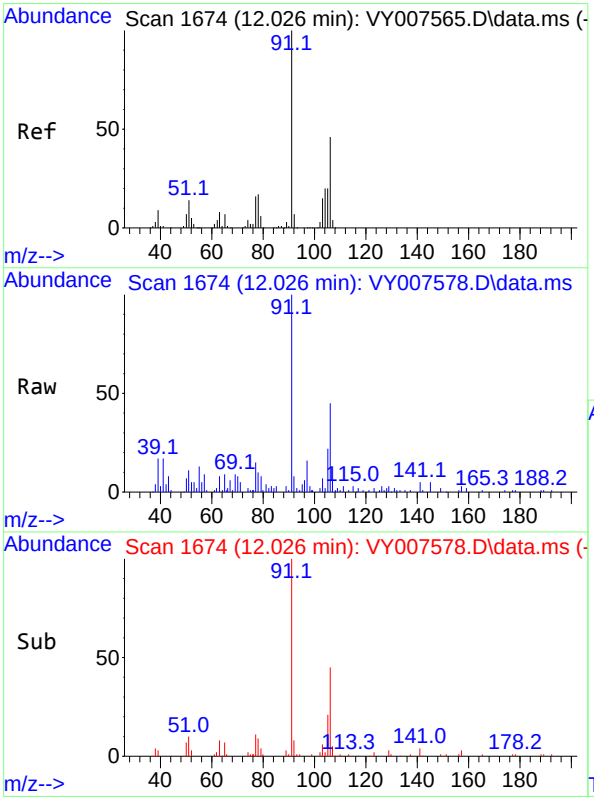
#67
Ethyl Benzene
Concen: 1.088 ug/l
RT: 11.587 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007578.D
Acq: 22 Feb 2022 13:21

Instrument :
MSVOA_Y
ClientSampleId :
C0AA4

Tgt Ion: 91 Resp: 4424

Ion	Ratio	Lower	Upper
91	100		
106	31.1	24.5	36.7

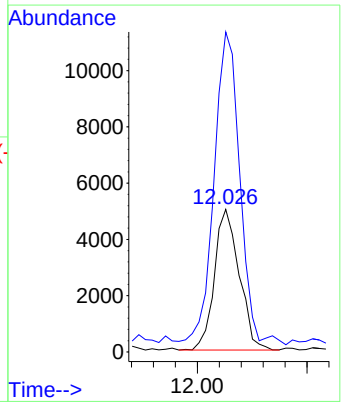


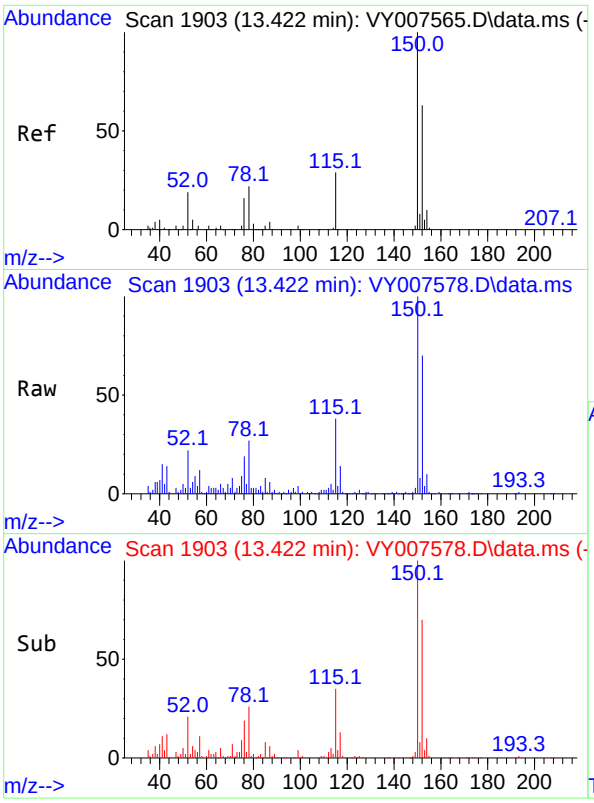


#69
o-Xylene
Concen: 5.318 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY007578.D
Acq: 22 Feb 2022 13:21

Tgt Ion:106 Resp: 7851

Ion	Ratio	Lower	Upper
106	100		
91	231.8	110.3	331.0



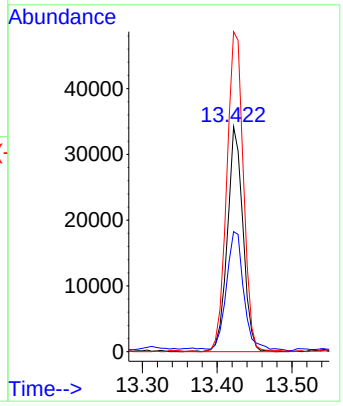


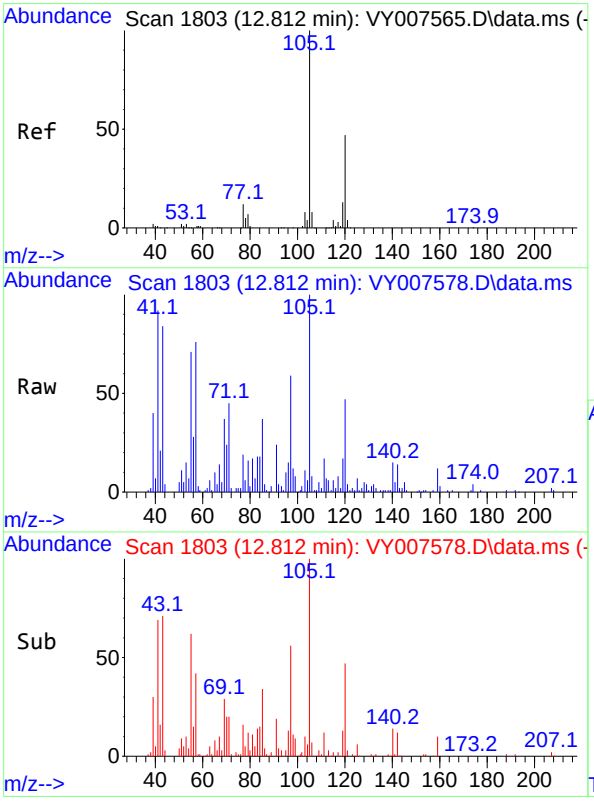
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007578.D
Acq: 22 Feb 2022 13:21

Instrument :
MSVOA_Y
ClientSampleId :
C0AA4

Tgt Ion:152 Resp: 49613

Ion	Ratio	Lower	Upper
152	100		
115	59.8	28.2	84.7
150	152.0	0.0	347.6

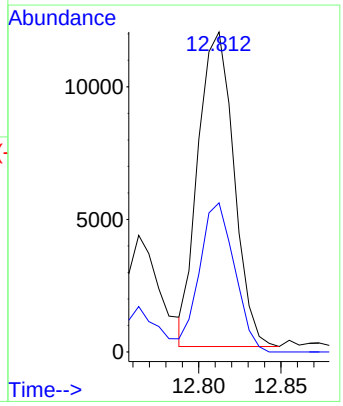


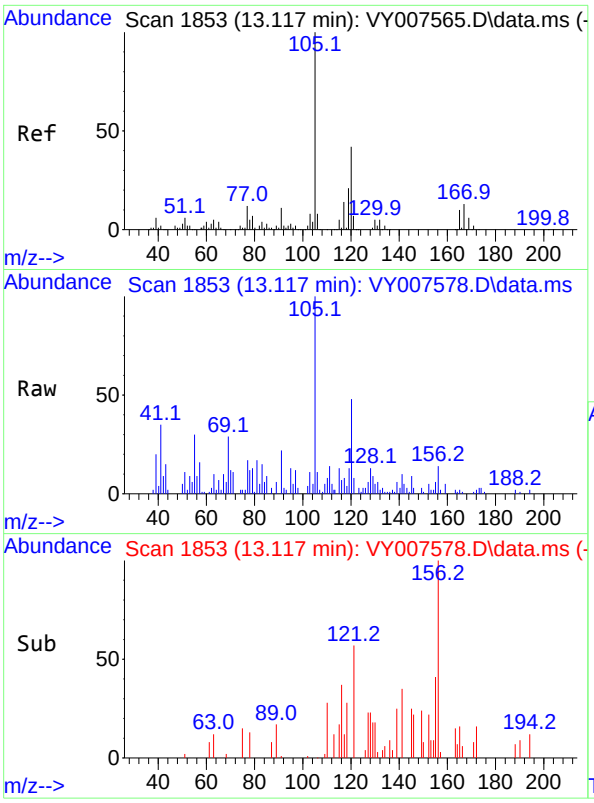


#80
1,3,5-Trimethylbenzene
Concen: 5.457 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007578.D
Acq: 22 Feb 2022 13:21

Tgt Ion:105 Resp: 17965

Ion	Ratio	Lower	Upper
105	100		
120	46.2	24.4	73.4





#84
1,2,4-Trimethylbenzene
Concen: 4.119 ug/l
RT: 13.117 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007578.D
Acq: 22 Feb 2022 13:21

Instrument :
MSVOA_Y
ClientSampleId :
C0AA4

Tgt Ion:105 Resp: 13327

Ion	Ratio	Lower	Upper
105	100		
120	36.3	22.3	66.9