Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
Data File : VY007548.D
Acq On : 18 Feb 2022 16:28
Operator : SY/MD
Sample : N1600-01
Misc : 4.78g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0AA0

Quant Time: Feb 19 04:34:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 15 09:34:50 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	72567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	128866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	134473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	61393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	45108	56.302	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.600%			
35) Dibromofluoromethane	7.716	113	43966	54.101	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.200%			
50) Toluene-d8	10.179	98	159749	51.756	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.520%			
62) 4-Bromofluorobenzene	12.483	95	60954	58.240	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 116.480%			
Target Compounds						Qvalue
68) m/p-Xylenes	11.697	106	6183	2.964	ug/l	95
69) o-Xylene	12.026	106	4875	2.470	ug/l	81
80) 1,3,5-Trimethylbenzene	12.812	105	9304	2.065	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	35777	8.190	ug/l	99

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

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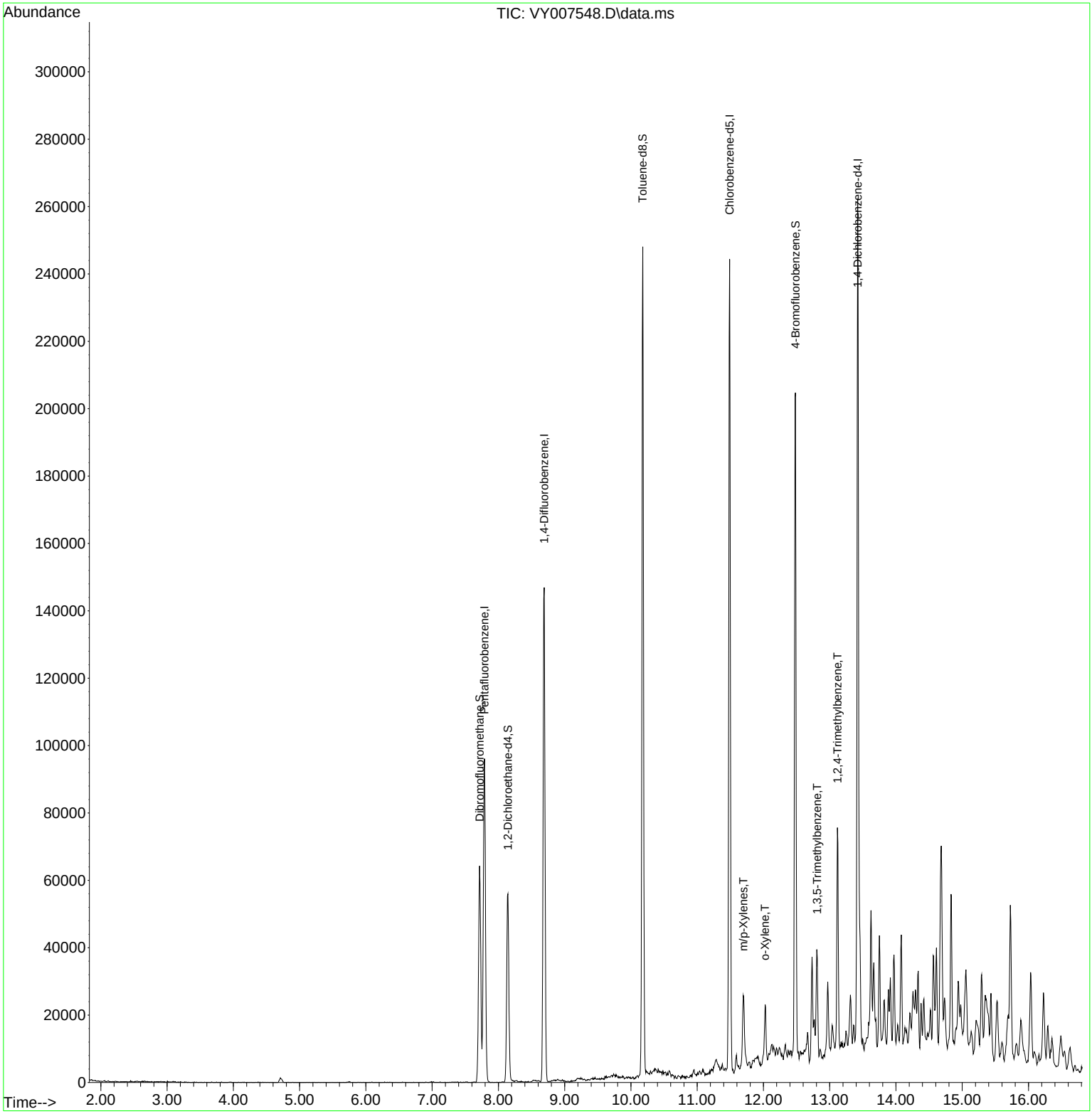
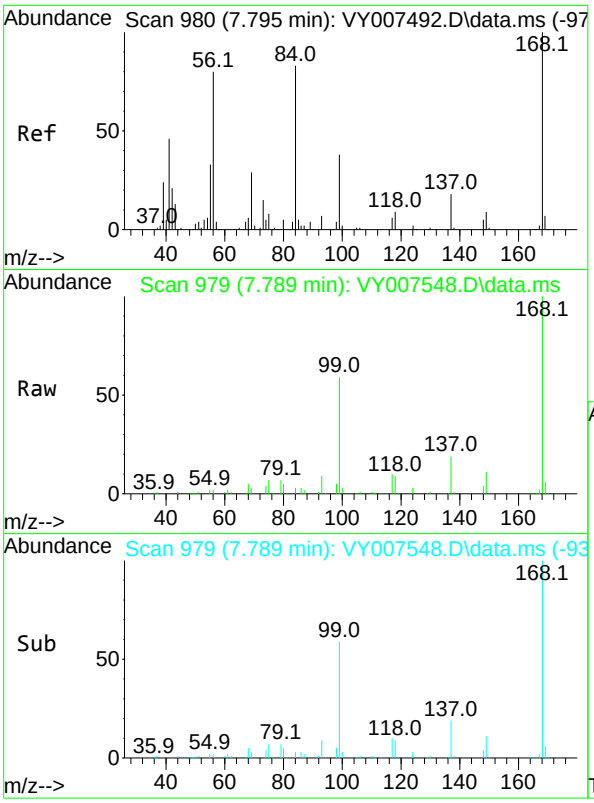


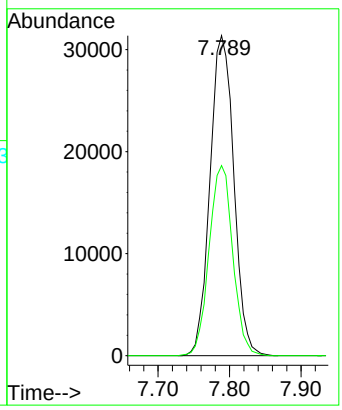


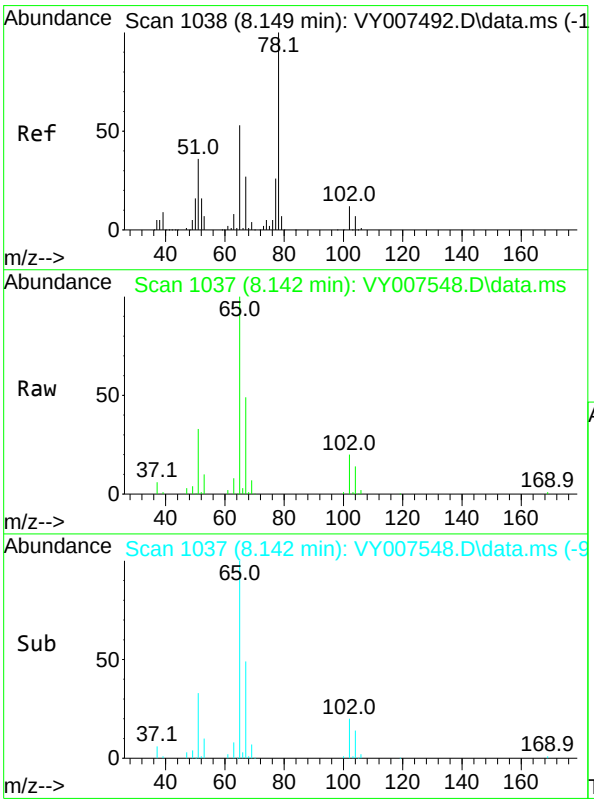
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY007548.D
Acq: 18 Feb 2022 16:28

Instrument :
MSVOA_Y
ClientSampleId :
C0AA0

Tgt Ion:168 Resp: 72567

Ion	Ratio	Lower	Upper
168	100		
99	59.4	46.9	70.3

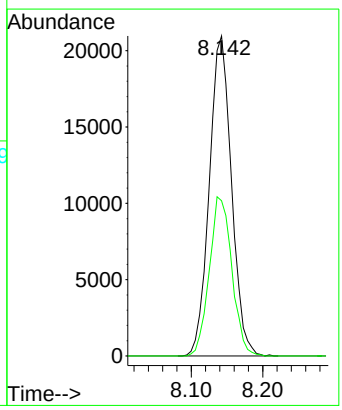


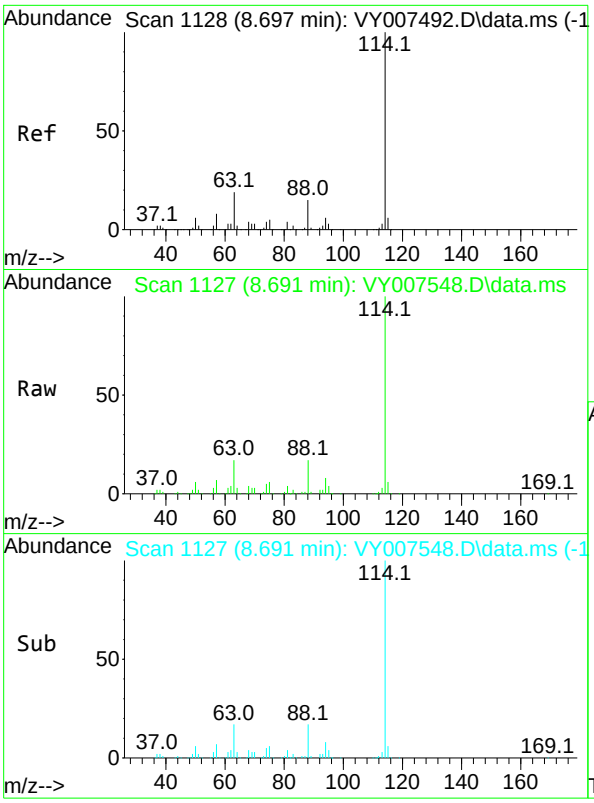


#33
1,2-Dichloroethane-d4
Concen: 56.302 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007548.D
Acq: 18 Feb 2022 16:28

Tgt Ion: 65 Resp: 45108

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	99.4



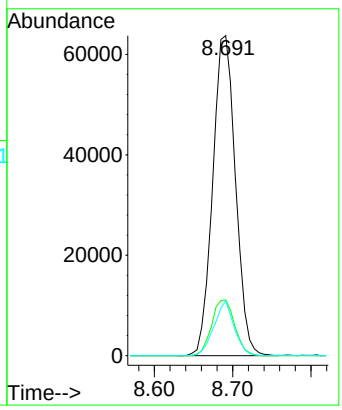


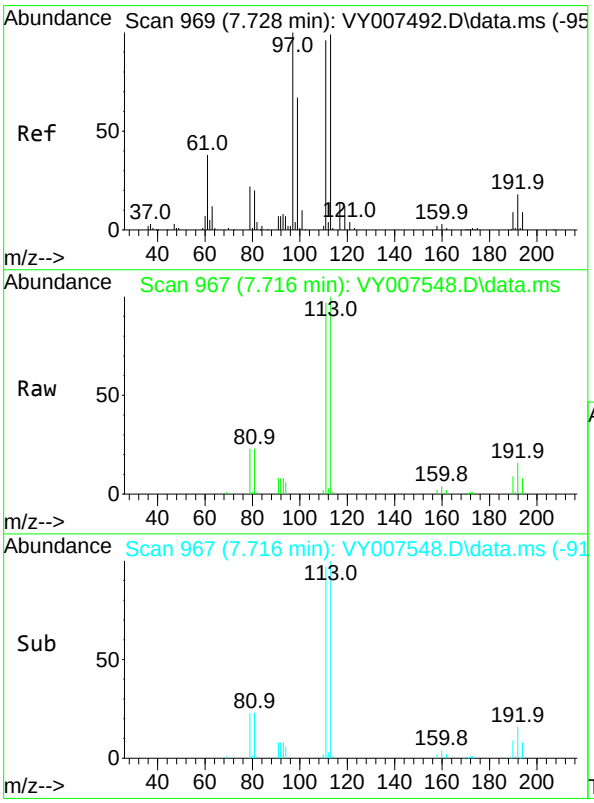
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007548.D
Acq: 18 Feb 2022 16:28

Instrument :
MSVOA_Y
ClientSampleId :
C0AA0

Tgt Ion:114 Resp: 128866

Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	43.2
88	17.1	0.0	31.8

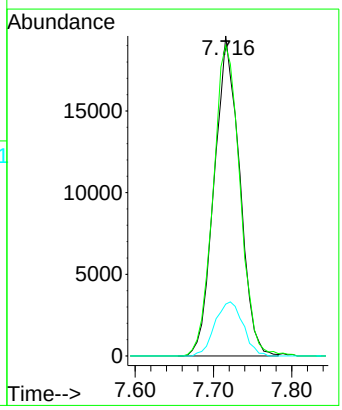


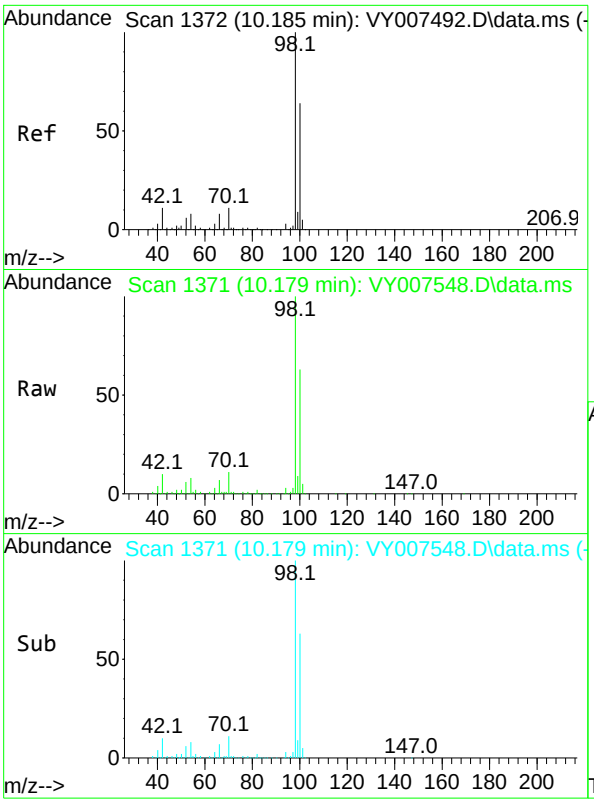


#35
Dibromofluoromethane
Concen: 54.101 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY007548.D
Acq: 18 Feb 2022 16:28

Tgt Ion:113 Resp: 43966

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	124.0
192	18.8	17.6	26.4



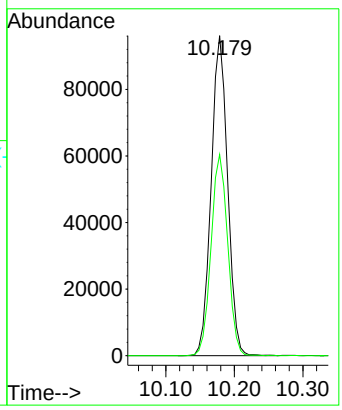


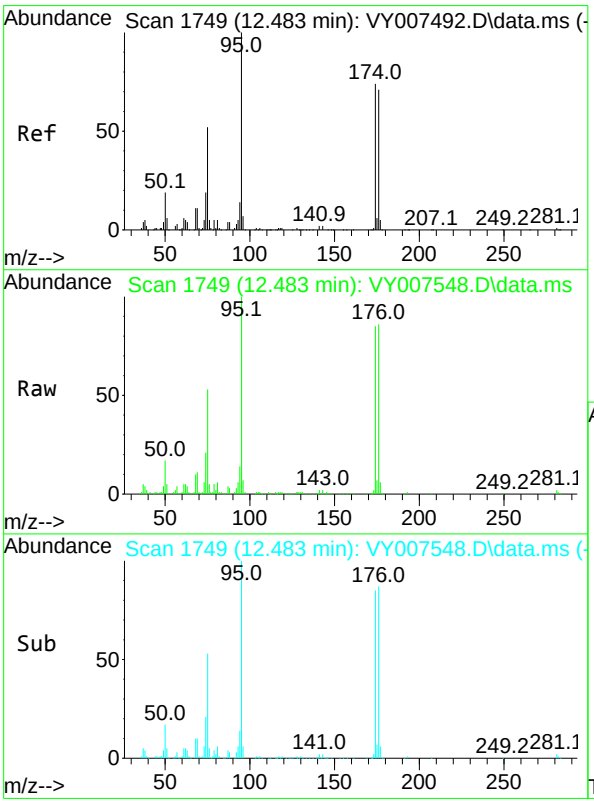
#50
Toluene-d8
Concen: 51.756 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.007 min
Lab File: VY007548.D
Acq: 18 Feb 2022 16:28

Instrument :
MSVOA_Y
ClientSampleId :
C0AA0

Tgt Ion: 98 Resp: 159749

Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.2	75.2

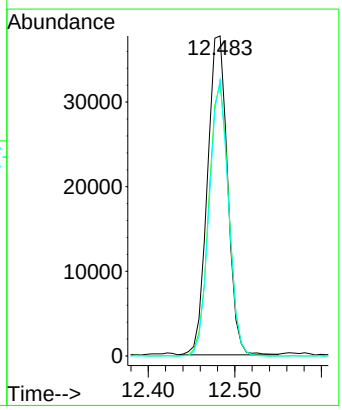


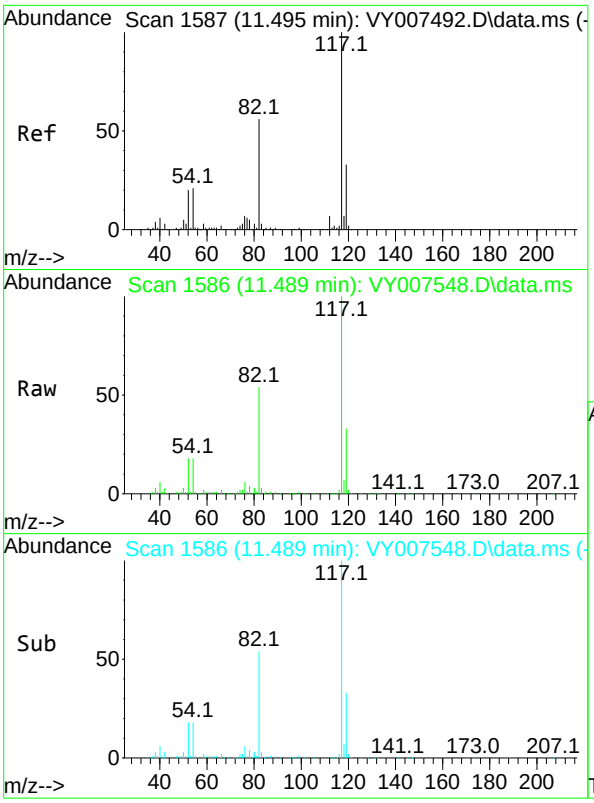


#62
4-Bromofluorobenzene
Concen: 58.240 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007548.D
Acq: 18 Feb 2022 16:28

Tgt Ion: 95 Resp: 60954

Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	177.0
176	82.4	0.0	175.8



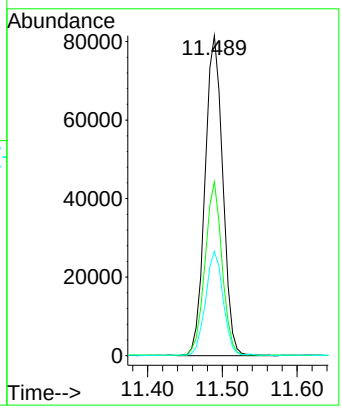


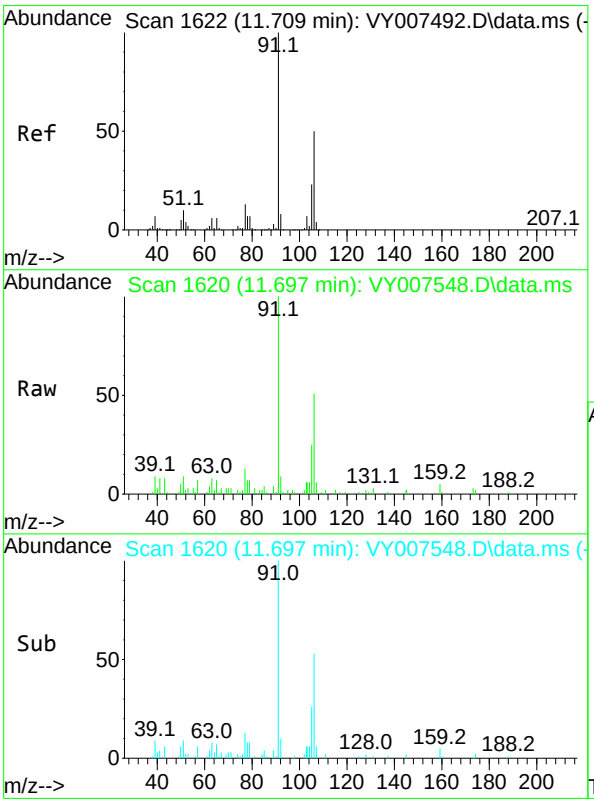
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007548.D
Acq: 18 Feb 2022 16:28

Instrument :
MSVOA_Y
ClientSampleId :
C0AA0

Tgt Ion:117 Resp: 134473

Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.0	64.4
119	32.5	25.4	38.0

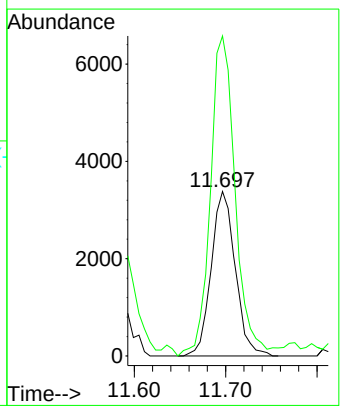


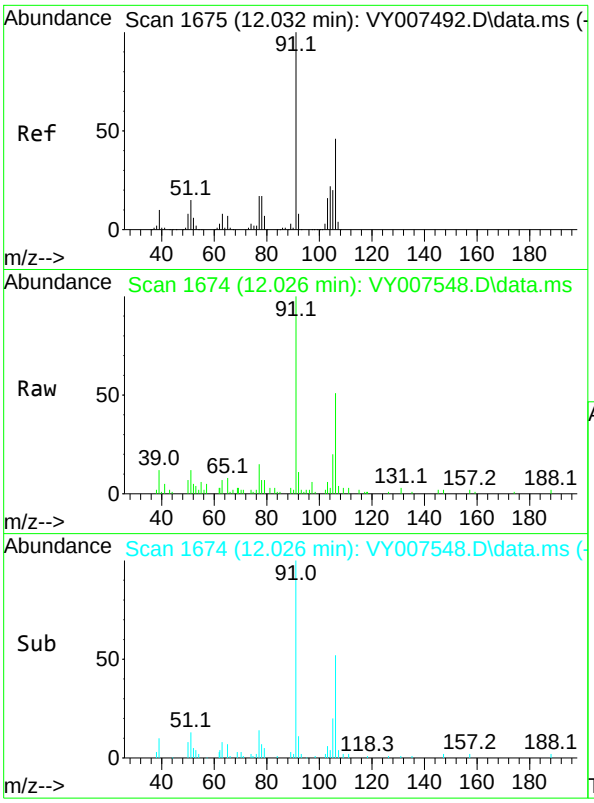


#68
m/p-Xylenes
Concen: 2.964 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY007548.D
Acq: 18 Feb 2022 16:28

Tgt Ion:106 Resp: 6183

Ion	Ratio	Lower	Upper
106	100		
91	201.0	166.6	249.8



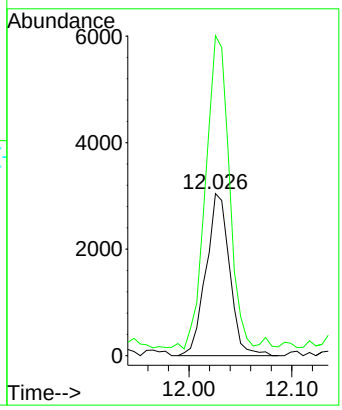


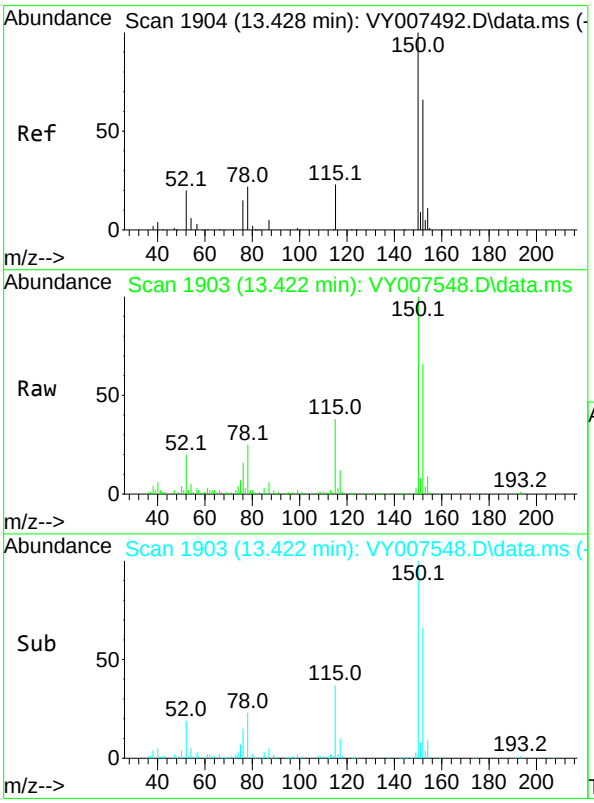
#69
o-Xylene
Concen: 2.470 ug/l
RT: 12.026 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007548.D
Acq: 18 Feb 2022 16:28

Instrument :
MSVOA_Y
ClientSampleId :
C0AA0

Tgt Ion:106 Resp: 4875

Ion	Ratio	Lower	Upper
106	100		
91	189.7	110.3	331.0

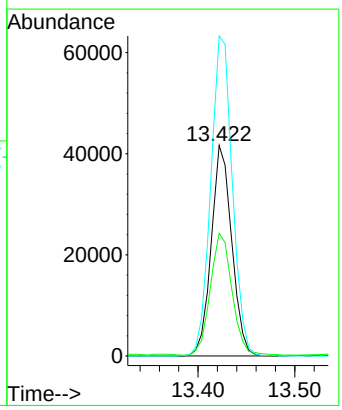


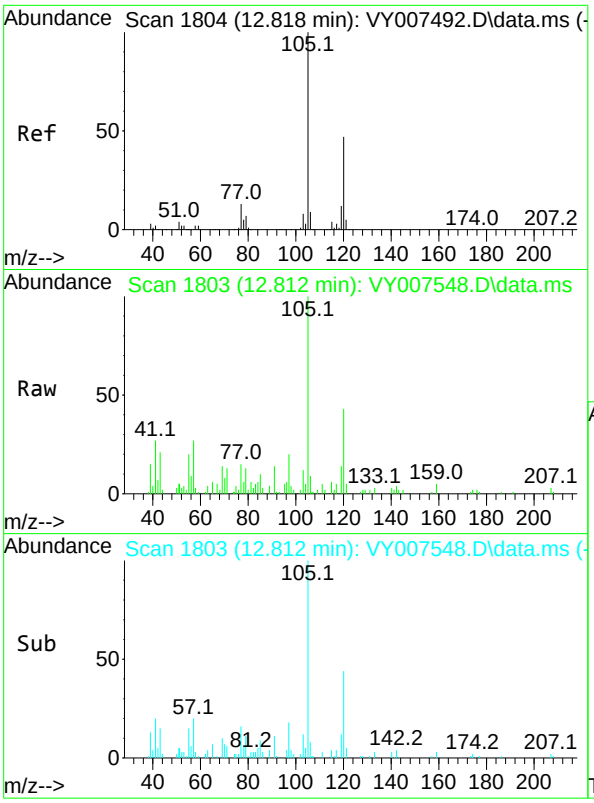


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007548.D
Acq: 18 Feb 2022 16:28

Tgt Ion:152 Resp: 61393

Ion	Ratio	Lower	Upper
152	100		
115	61.3	28.2	84.7
150	159.5	0.0	347.6



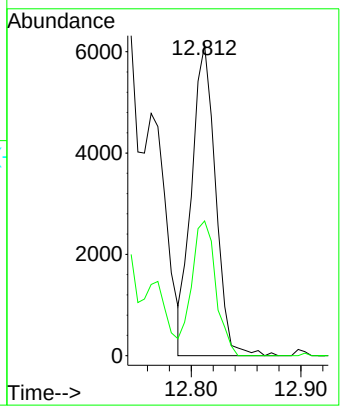


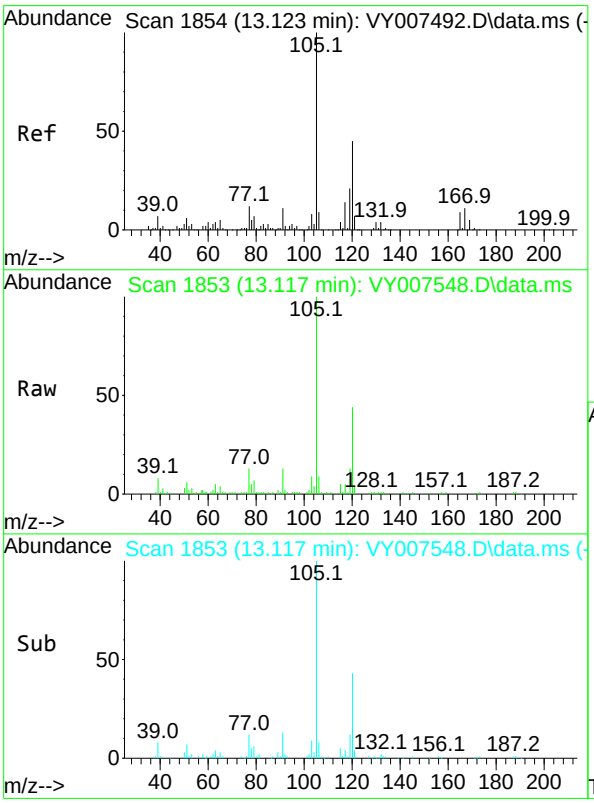
#80
1,3,5-Trimethylbenzene
Concen: 2.065 ug/l
RT: 12.812 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007548.D
Acq: 18 Feb 2022 16:28

Instrument :
MSVOA_Y
ClientSampleId :
C0AA0

Tgt Ion:105 Resp: 9304

Ion	Ratio	Lower	Upper
105	100		
120	43.6	24.4	73.4





#84
1,2,4-Trimethylbenzene
Concen: 8.190 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007548.D
Acq: 18 Feb 2022 16:28

Tgt Ion:105 Resp: 35777

Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.3	66.9