Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011022\
Data File : VY007106.D
Acq On : 10 Jan 2022 15:33
Operator : SY/MD
Sample : N1065-36
Misc : 5.64g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AMI-9

Quant Time: Jan 11 02:43:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010822S.M
Quant Title : SW846 8260
QLast Update : Mon Jan 10 03:29:44 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	124574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	226325	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	208996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	77987	52.329	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.660%			
35) Dibromofluoromethane	7.722	113	73823	48.941	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.880%			
50) Toluene-d8	10.185	98	273462	49.081	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.160%			
62) 4-Bromofluorobenzene	12.483	95	101491	50.507	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.020%			
Target Compounds						Qvalue
16) Acetone	3.954	43	4098	14.656	ug/l	91
18) Methyl Acetate	4.479	43	7106	5.540	ug/l	94
68) m/p-Xylenes	11.703	106	4487	1.420	ug/l	98

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

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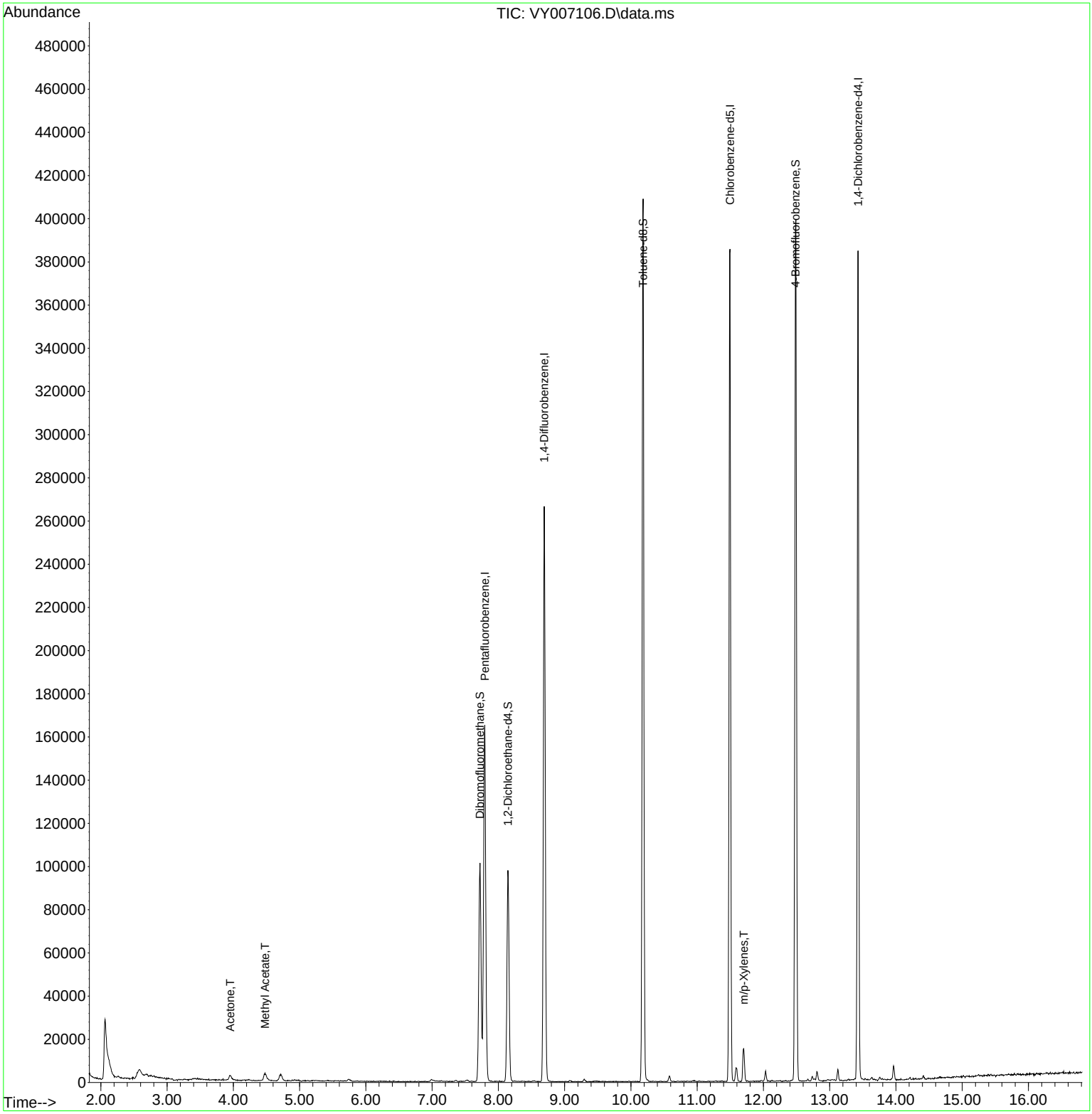
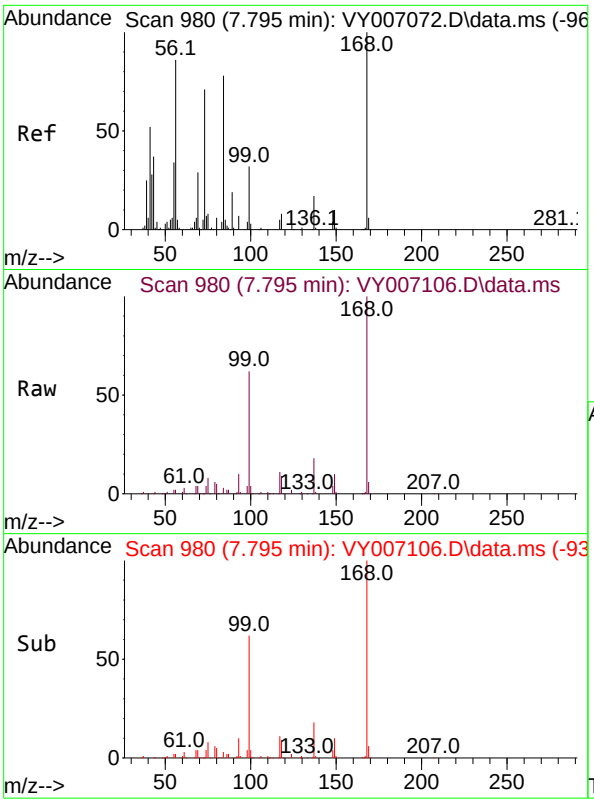


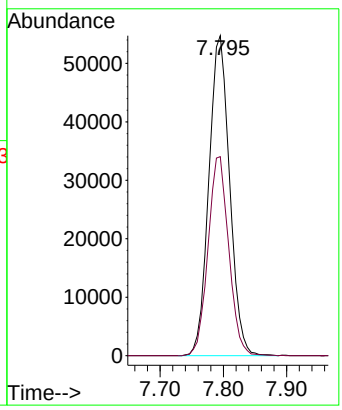


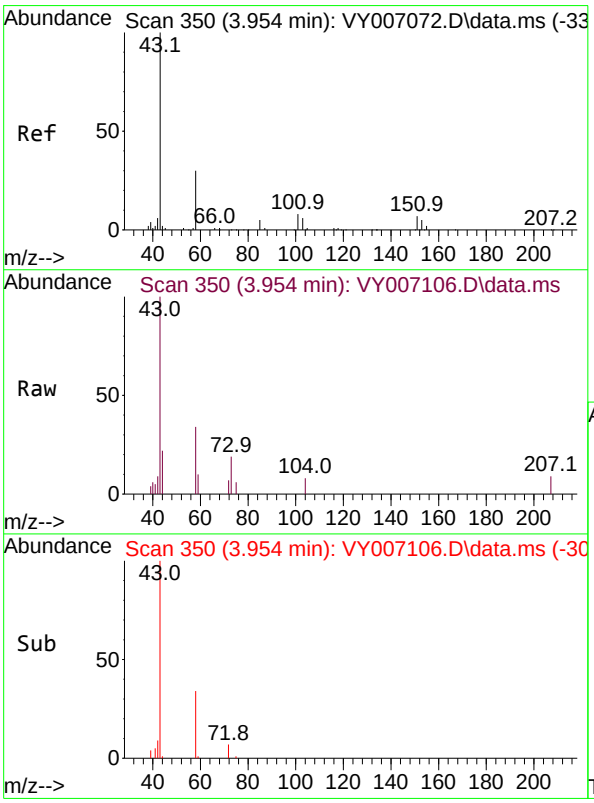
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY007106.D
Acq: 10 Jan 2022 15:33

Instrument :
MSVOA_Y
ClientSampleId :
AMI-9

Tgt Ion:168 Resp: 124574

Ion	Ratio	Lower	Upper
168	100		
99	62.2	49.1	73.7

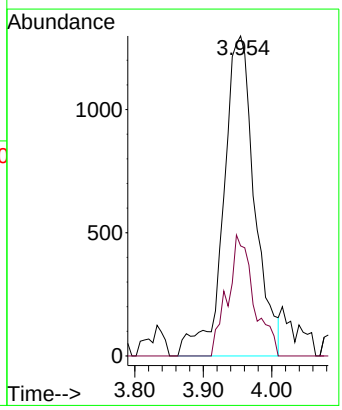


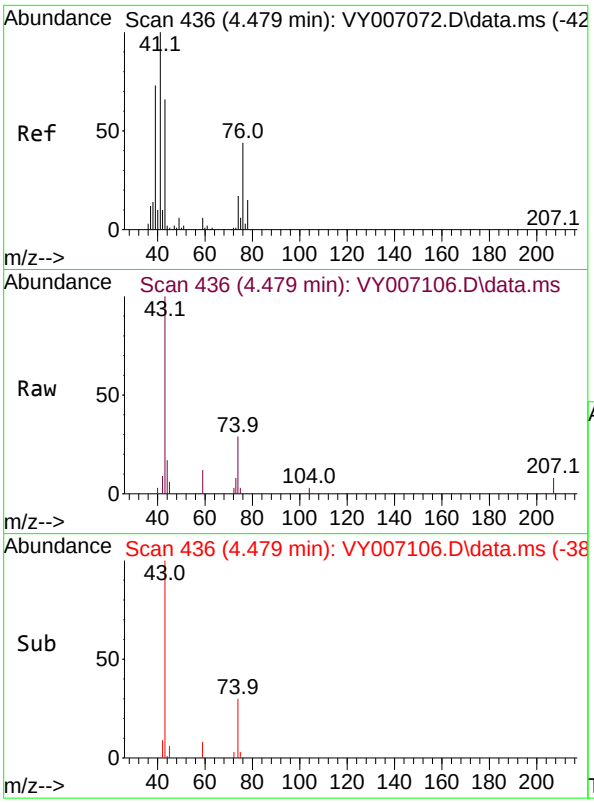


#16
Acetone
Concen: 14.656 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY007106.D
Acq: 10 Jan 2022 15:33

Tgt Ion: 43 Resp: 4098

Ion	Ratio	Lower	Upper
43	100		
58	34.4	23.8	35.6



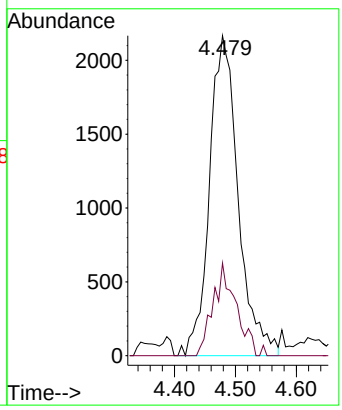


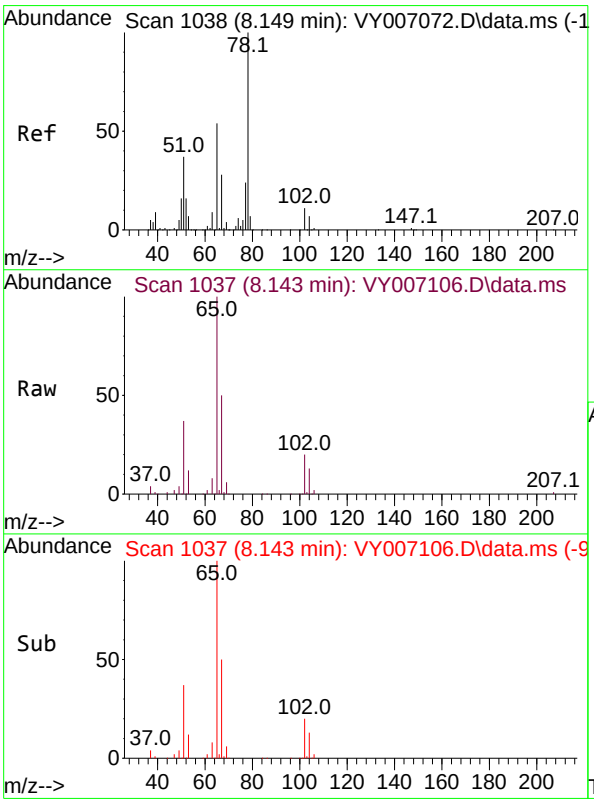
#18
Methyl Acetate
Concen: 5.540 ug/l
RT: 4.479 min Scan# 4
Delta R.T. 0.000 min
Lab File: VY007106.D
Acq: 10 Jan 2022 15:33

Instrument :
MSVOA_Y
ClientSampleId :
AMI-9

Tgt Ion: 43 Resp: 7106

Ion	Ratio	Lower	Upper
43	100		
74	22.9	20.9	31.3

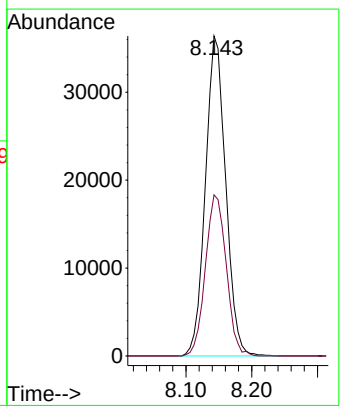


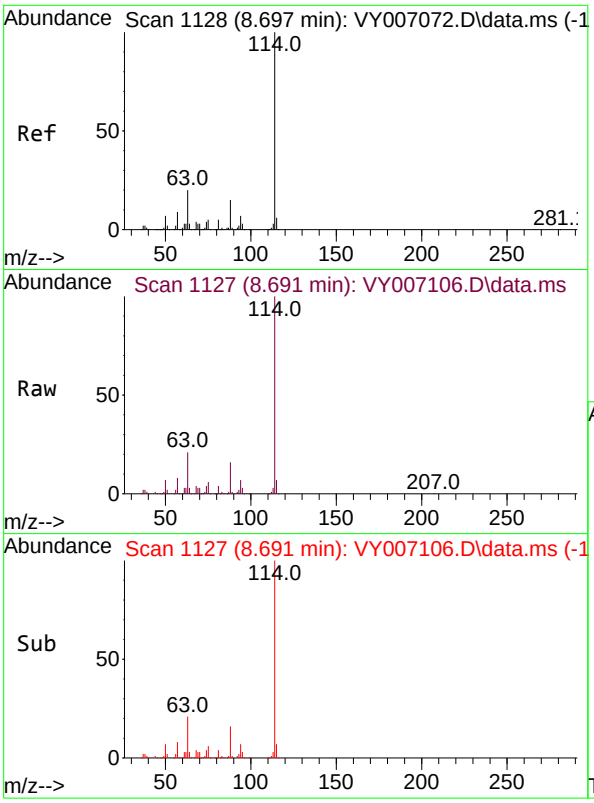


#33
1,2-Dichloroethane-d4
Concen: 52.329 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY007106.D
Acq: 10 Jan 2022 15:33

Tgt Ion: 65 Resp: 77987

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	105.6



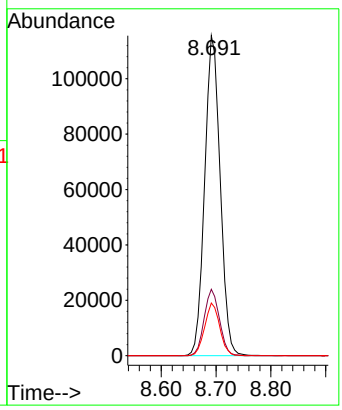


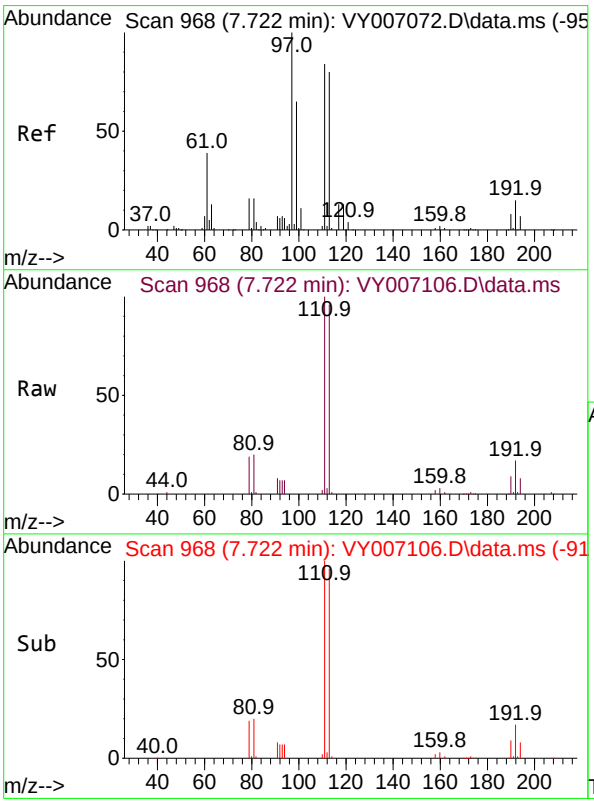
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007106.D
Acq: 10 Jan 2022 15:33

Instrument :
MSVOA_Y
ClientSampleId :
AMI-9

Tgt Ion:114 Resp: 226325

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	39.2
88	16.4	0.0	31.0

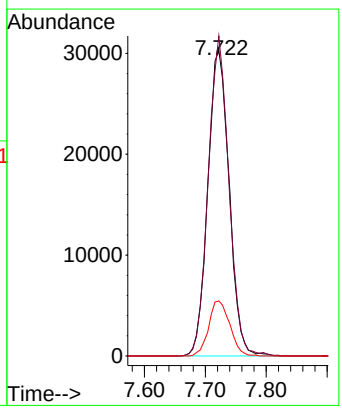


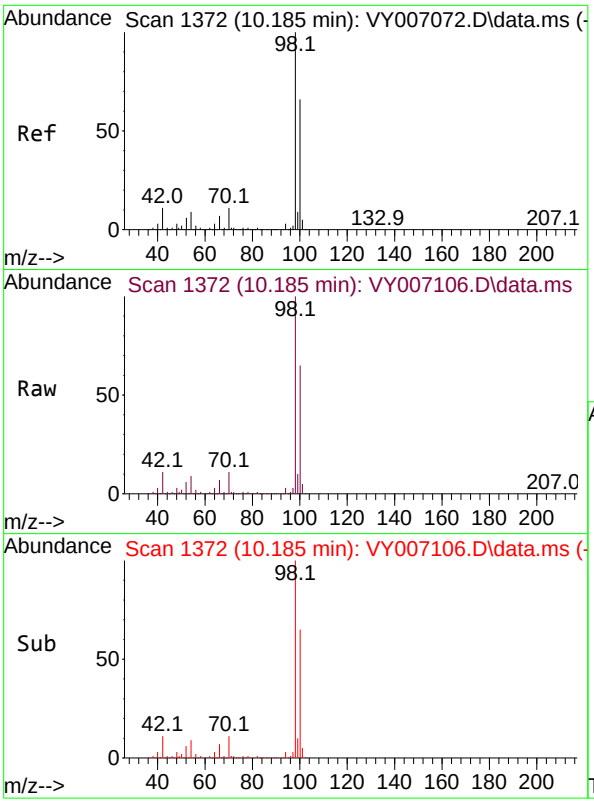


#35
Dibromofluoromethane
Concen: 48.941 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY007106.D
Acq: 10 Jan 2022 15:33

Tgt Ion:113 Resp: 73823

Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.2	123.4
192	17.8	14.2	21.4



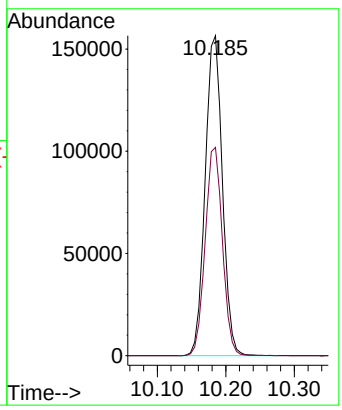


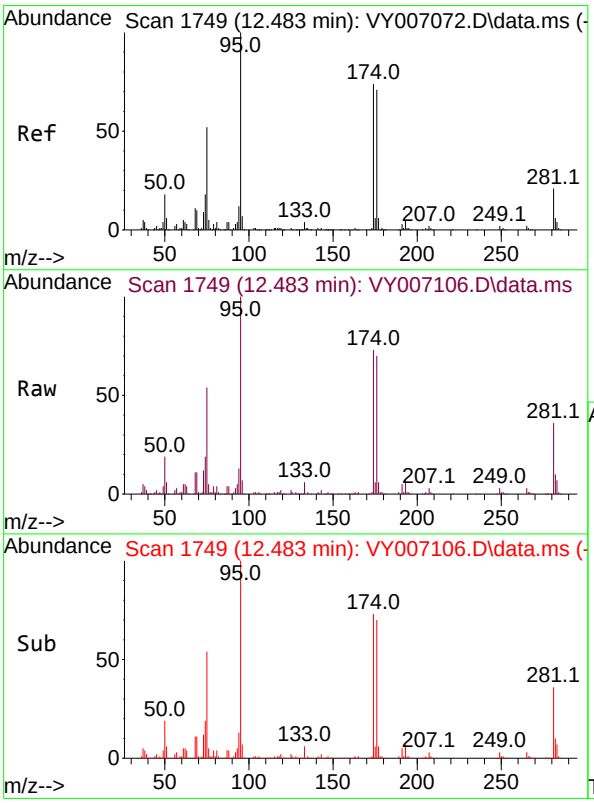
#50
Toluene-d8
Concen: 49.081 ug/l
RT: 10.185 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007106.D
Acq: 10 Jan 2022 15:33

Instrument :
MSVOA_Y
ClientSampleId :
AMI-9

Tgt Ion: 98 Resp: 273462

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.2	78.2

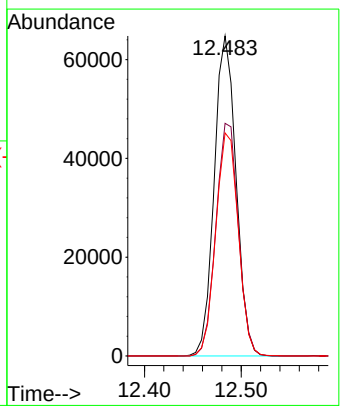


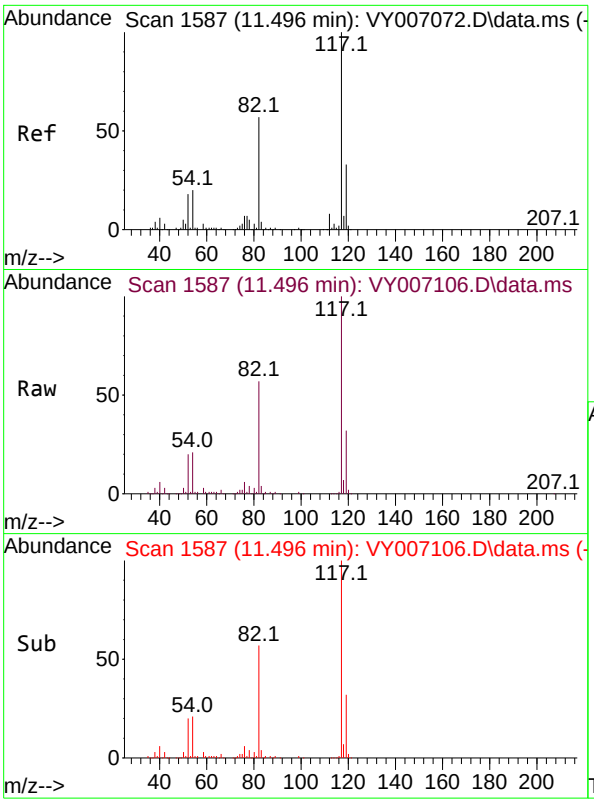


#62
4-Bromofluorobenzene
Concen: 50.507 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007106.D
Acq: 10 Jan 2022 15:33

Tgt Ion: 95 Resp: 101491

Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	148.4
176	72.0	0.0	146.6



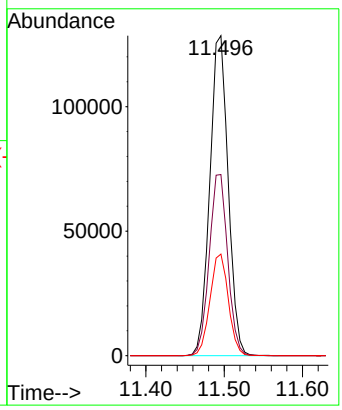


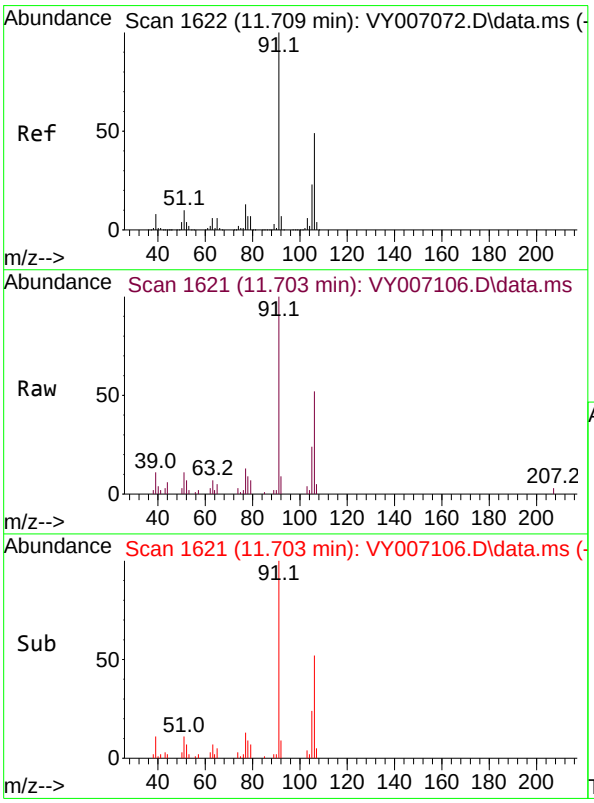
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007106.D
Acq: 10 Jan 2022 15:33

Instrument :
MSVOA_Y
ClientSampleId :
AMI-9

Tgt Ion:117 Resp: 208996

Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.4	68.0
119	31.7	26.4	39.6

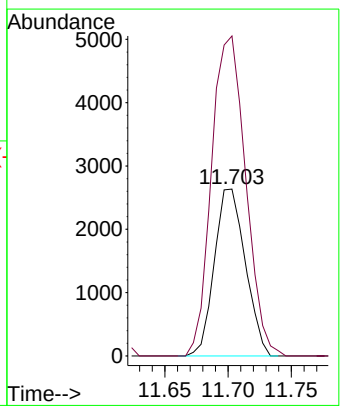


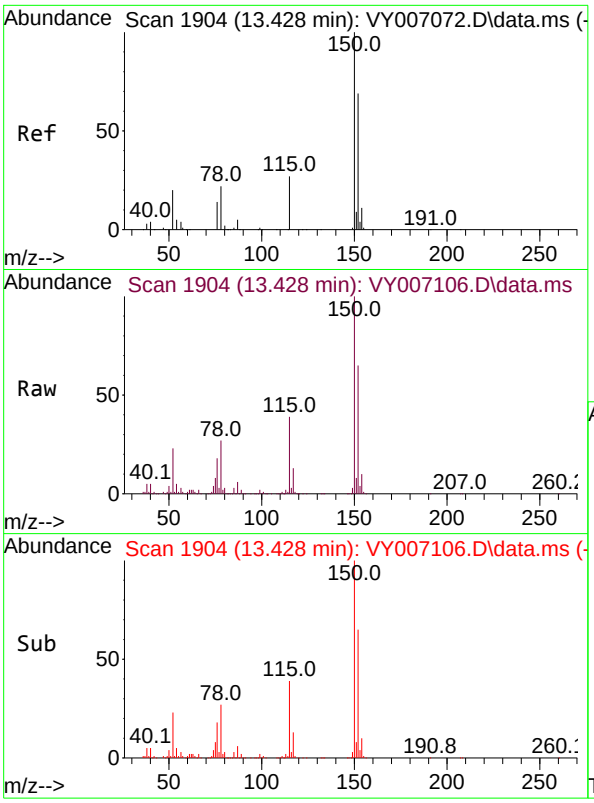


#68
m/p-Xylenes
Concen: 1.420 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY007106.D
Acq: 10 Jan 2022 15:33

Tgt Ion:106 Resp: 4487

Ion	Ratio	Lower	Upper
106	100		
91	211.7	167.1	250.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007106.D
Acq: 10 Jan 2022 15:33

Instrument :
MSVOA_Y
ClientSampleId :
AMI-9

Tgt Ion:152 Resp: 92459

Ion	Ratio	Lower	Upper
152	100		
115	61.1	31.4	94.0
150	156.5	0.0	348.4