Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010822\
Data File : VY007092.D
Acq On : 08 Jan 2022 20:43
Operator : SY/MD
Sample : N1065-12
Misc : 6.60g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AMI-3

Quant Time: Jan 10 03:43:25 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	26360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	47002	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	40963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	17213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	17485	55.446	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.900%			
35) Dibromofluoromethane	7.722	113	15547	49.630	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.260%			
50) Toluene-d8	10.185	98	55268	47.764	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.520%			
62) 4-Bromofluorobenzene	12.489	95	20197	48.398	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.800%			
Target Compounds						Qvalue
16) Acetone	3.966	43	1096	18.524	ug/l #	77
51) 4-Methyl-2-Pentanone	10.081	43	1379	5.939	ug/l	100
68) m/p-Xylenes	11.709	106	737	1.190	ug/l	95

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

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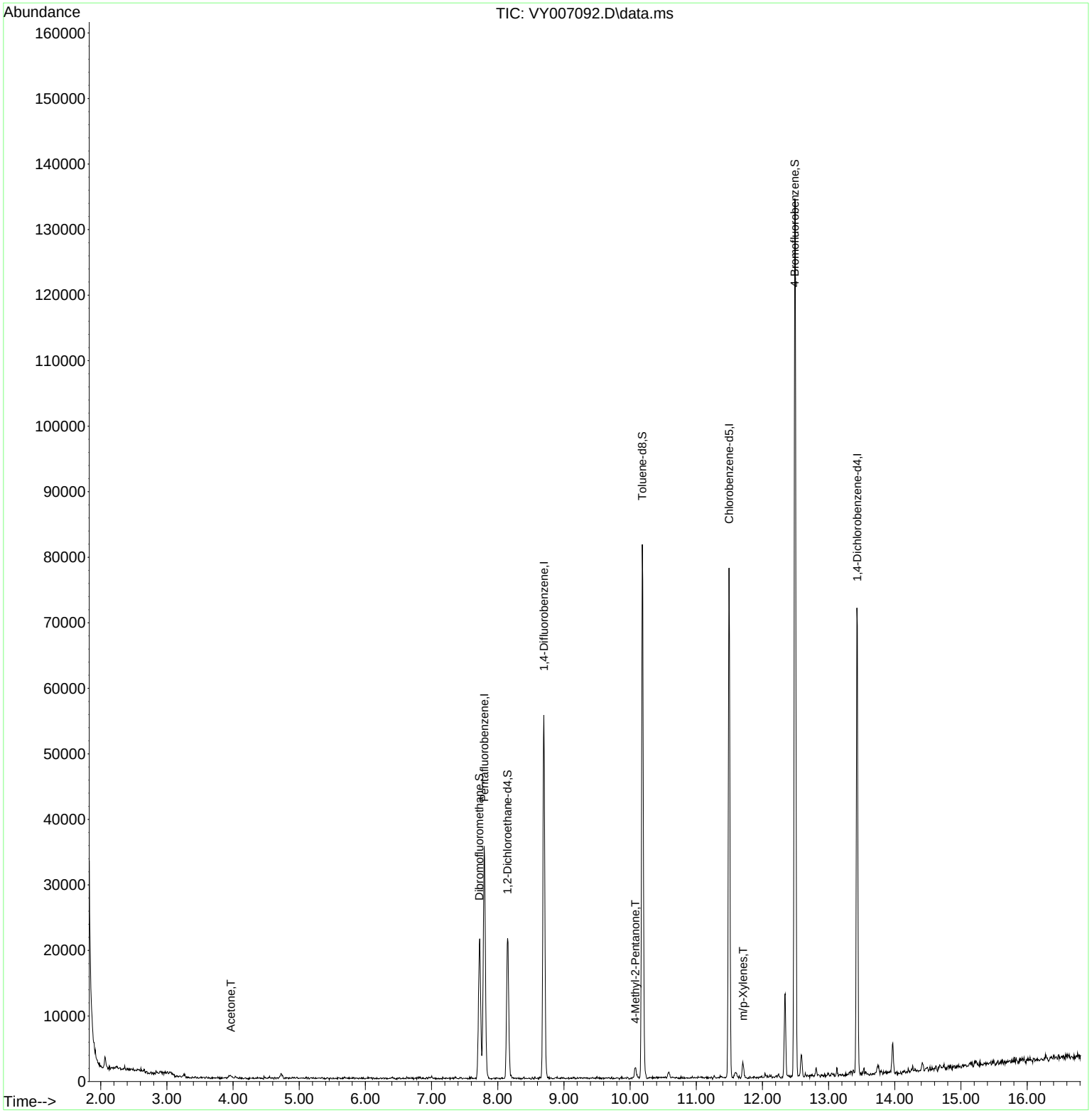
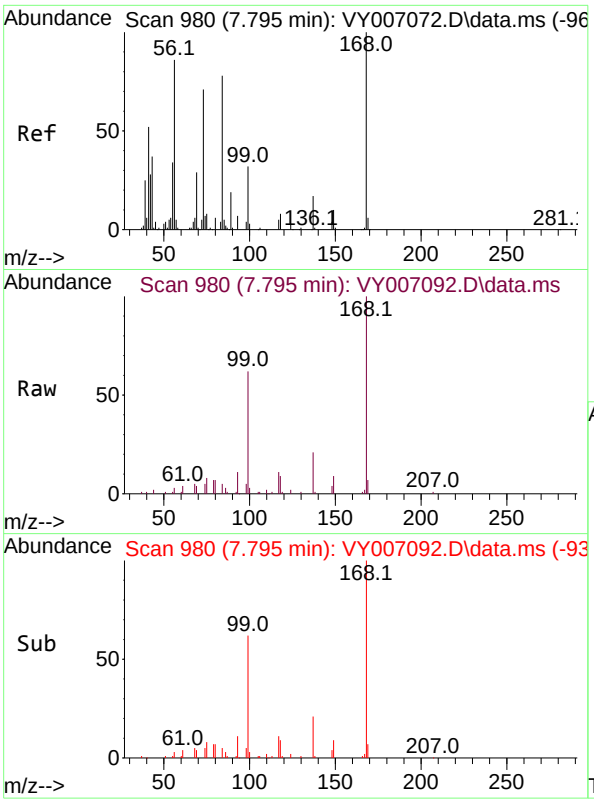


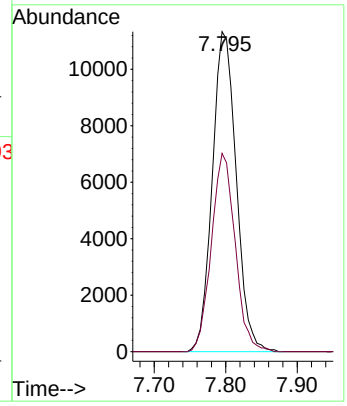


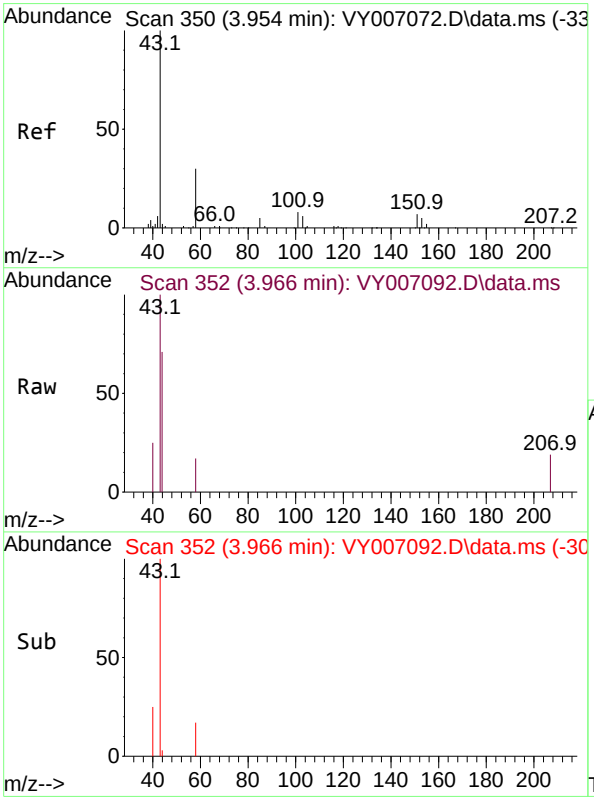
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY007092.D
Acq: 08 Jan 2022 20:43

Instrument :
MSVOA_Y
ClientSampleId :
AMI-3

Tgt Ion:168 Resp: 26360

Ion	Ratio	Lower	Upper
168	100		
99	62.0	49.1	73.7

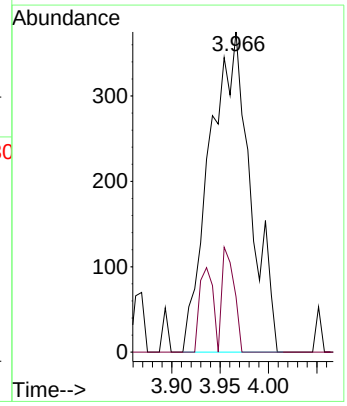


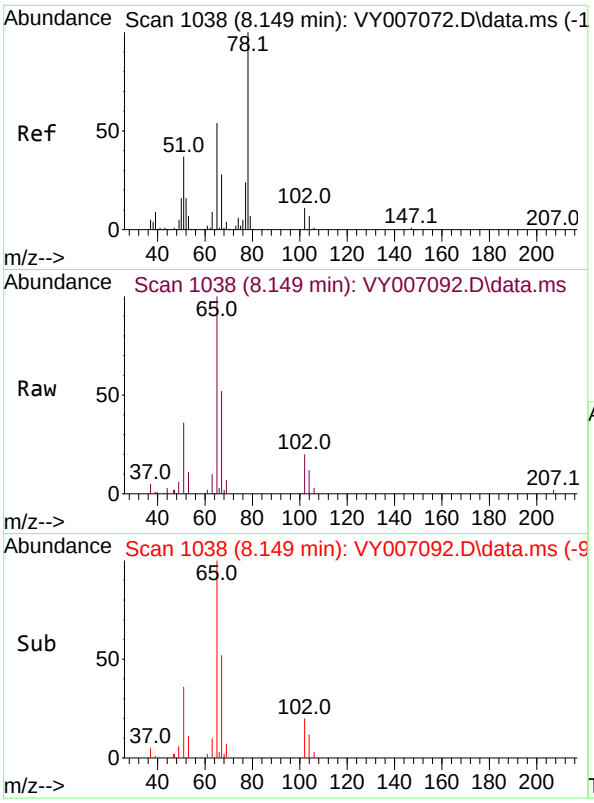


#16
Acetone
Concen: 18.524 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY007092.D
Acq: 08 Jan 2022 20:43

Tgt Ion: 43 Resp: 1096

Ion	Ratio	Lower	Upper
43	100		
58	17.3	23.8	35.6#



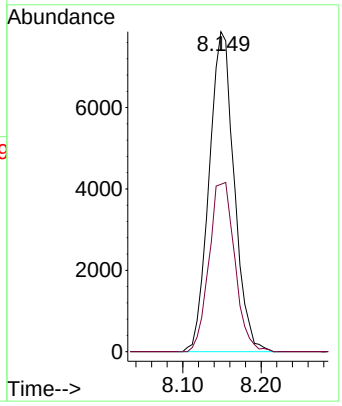


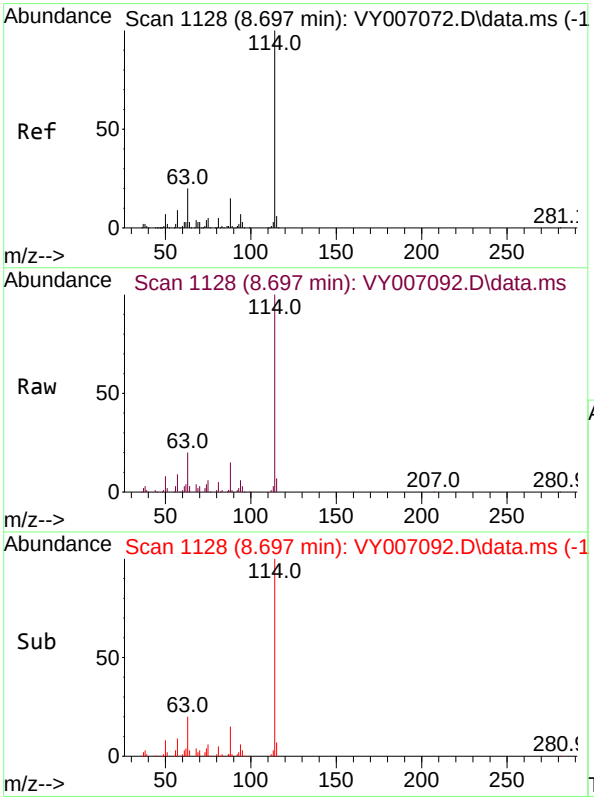
#33
1,2-Dichloroethane-d4
Concen: 55.446 ug/l
RT: 8.149 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007092.D
Acq: 08 Jan 2022 20:43

Instrument :
MSVOA_Y
ClientSampleId :
AMI-3

Tgt Ion: 65 Resp: 17485

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	105.6

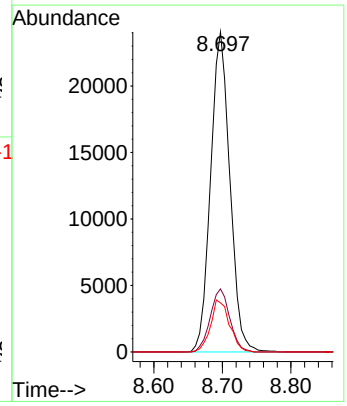


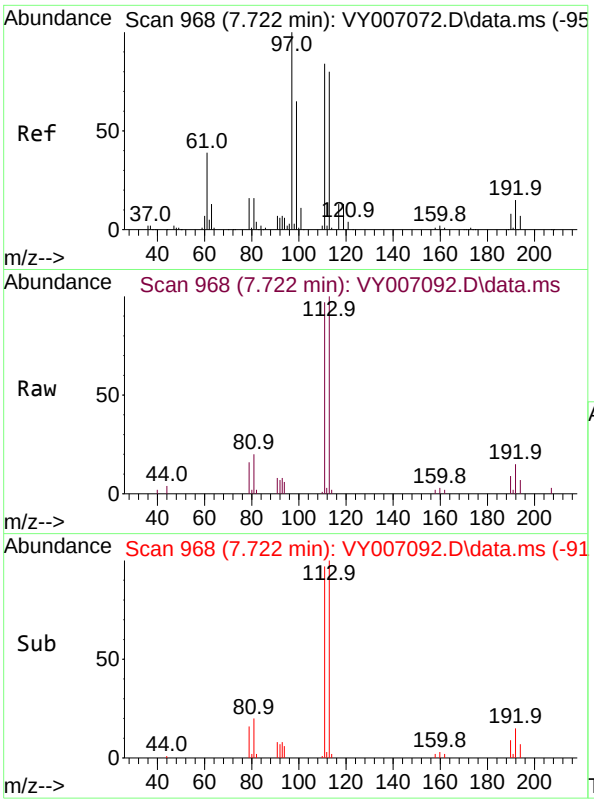


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY007092.D
Acq: 08 Jan 2022 20:43

Tgt Ion:114 Resp: 47002

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.2
88	15.4	0.0	31.0



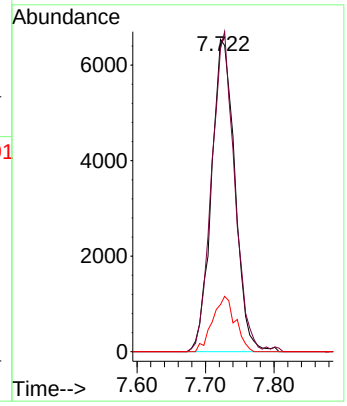


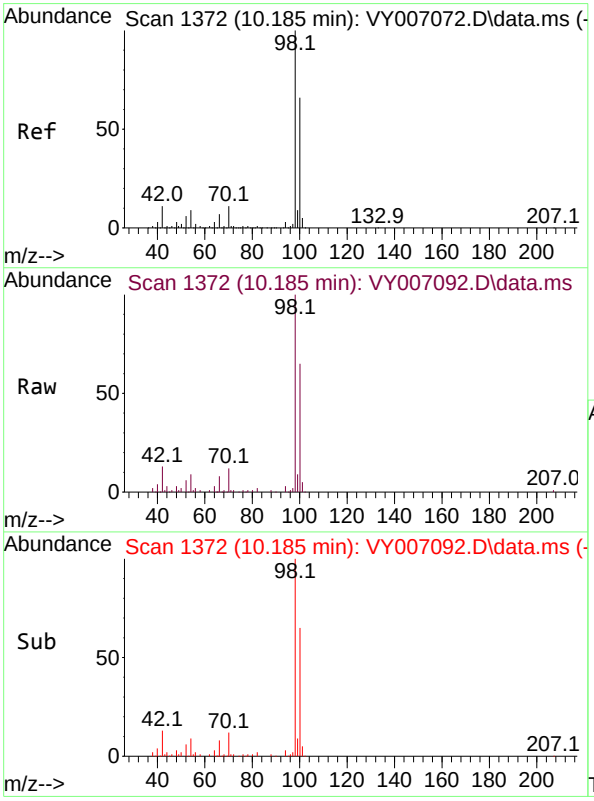
#35
Dibromofluoromethane
Concen: 49.630 ug/l
RT: 7.722 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY007092.D
Acq: 08 Jan 2022 20:43

Instrument :
MSVOA_Y
ClientSampleId :
AMI-3

Tgt Ion:113 Resp: 15547

Ion	Ratio	Lower	Upper
113	100		
111	99.7	82.2	123.4
192	17.2	14.2	21.4

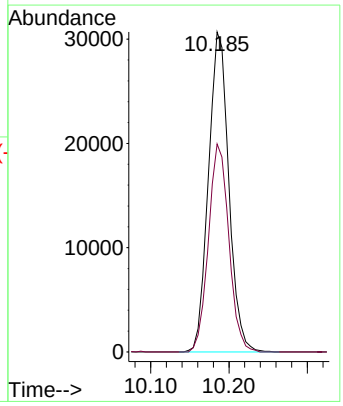


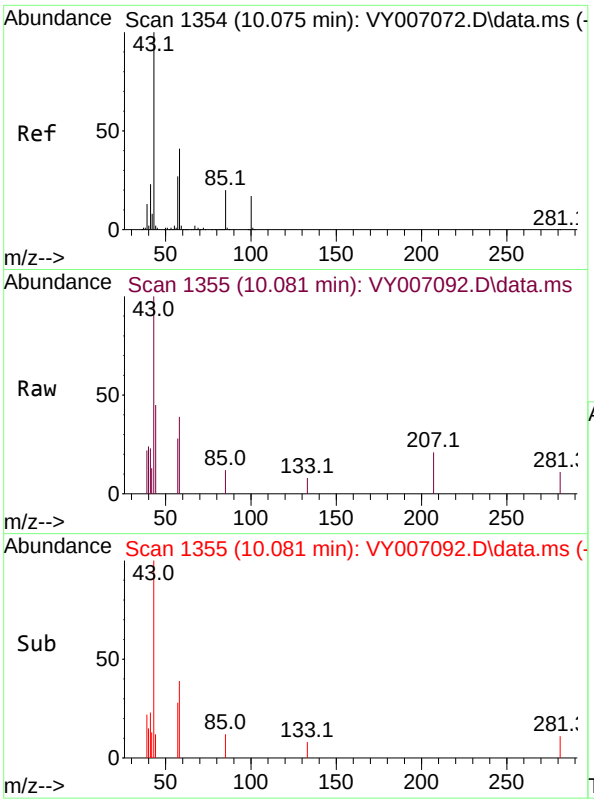


#50
Toluene-d8
Concen: 47.764 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY007092.D
Acq: 08 Jan 2022 20:43

Tgt Ion: 98 Resp: 55268

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.2



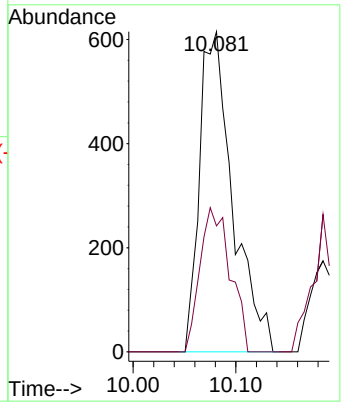


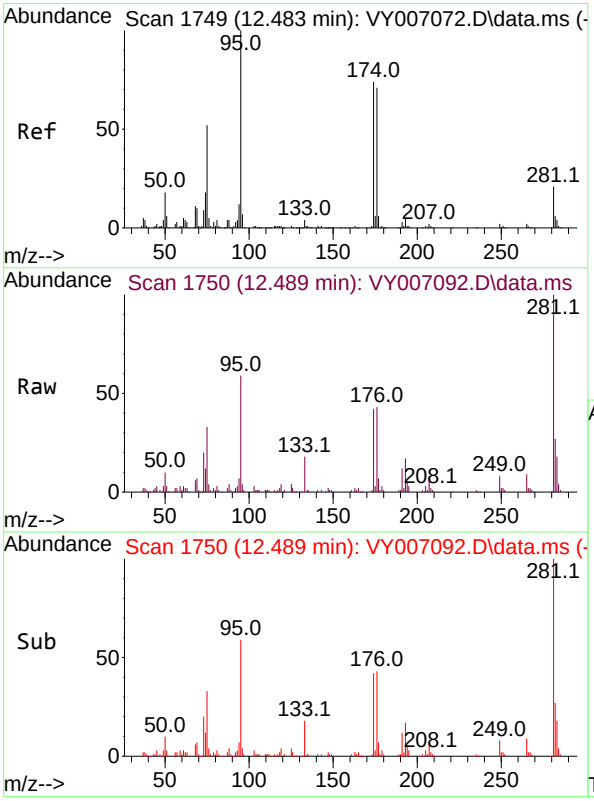
#51
4-Methyl-2-Pentanone
Concen: 5.939 ug/l
RT: 10.081 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY007092.D
Acq: 08 Jan 2022 20:43

Instrument :
MSVOA_Y
ClientSampleId :
AMI-3

Tgt Ion: 43 Resp: 1379

Ion	Ratio	Lower	Upper
43	100		
58	41.3	32.8	49.2

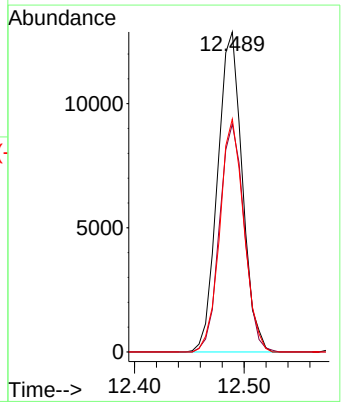


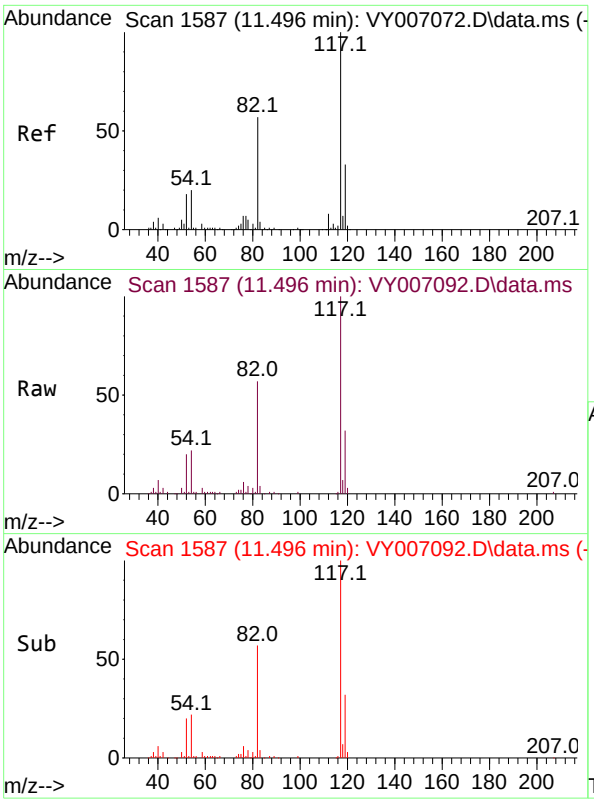


#62
4-Bromofluorobenzene
Concen: 48.398 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY007092.D
Acq: 08 Jan 2022 20:43

Tgt Ion: 95 Resp: 20197

Ion	Ratio	Lower	Upper
95	100		
174	71.0	0.0	148.4
176	70.8	0.0	146.6



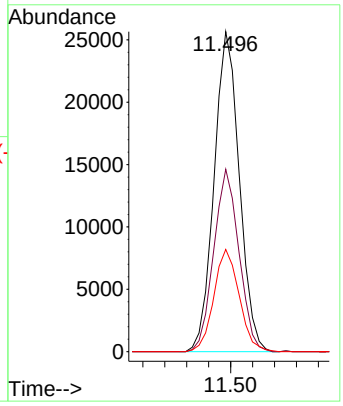


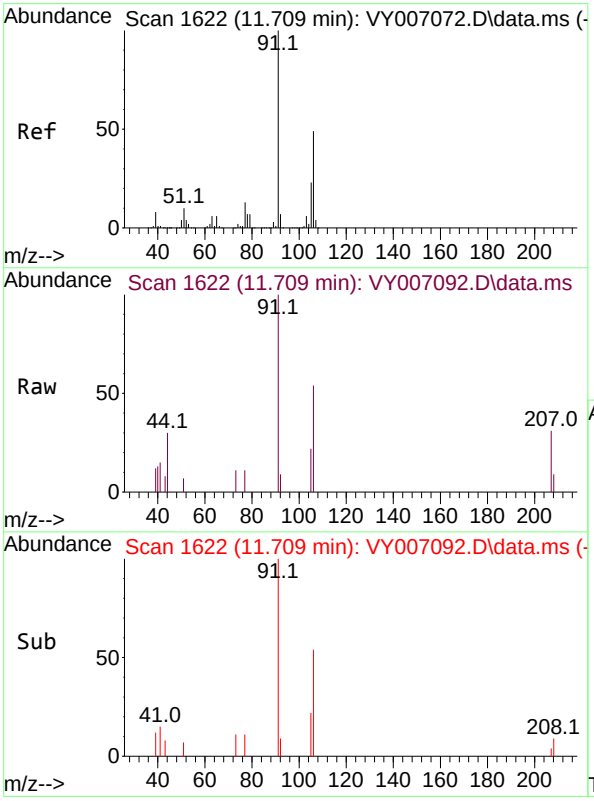
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007092.D
Acq: 08 Jan 2022 20:43

Instrument :
MSVOA_Y
ClientSampleId :
AMI-3

Tgt Ion:117 Resp: 40963

Ion	Ratio	Lower	Upper
117	100		
82	57.0	45.4	68.0
119	31.9	26.4	39.6

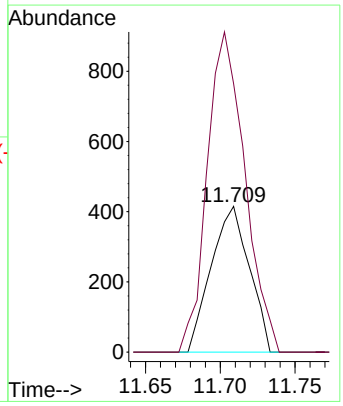


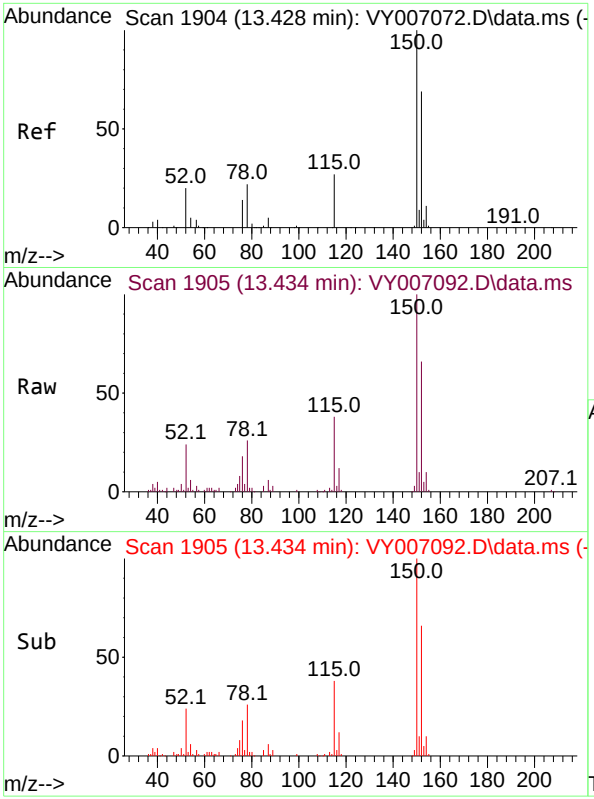


#68
m/p-Xylenes
Concen: 1.190 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.000 min
Lab File: VY007092.D
Acq: 08 Jan 2022 20:43

Tgt Ion:106 Resp: 737

Ion	Ratio	Lower	Upper
106	100		
91	217.2	167.1	250.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY007092.D
Acq: 08 Jan 2022 20:43

Instrument :
MSVOA_Y
ClientSampleId :
AMI-3

Tgt Ion:152 Resp: 17213

Ion	Ratio	Lower	Upper
152	100		
115	61.7	31.4	94.0
150	157.1	0.0	348.4