Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012122\
Data File : VY007252.D
Acq On : 21 Jan 2022 14:37
Operator : SY/MD
Sample : N1217-06
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-72017

Quant Time: Jan 22 00:23:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 14 05:48:29 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.801	168	14394	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	26657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	24355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	9883	55.957	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.920%			
35) Dibromofluoromethane	7.728	113	8830	48.987	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.980%			
50) Toluene-d8	10.185	98	32148	48.811	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.620%			
62) 4-Bromofluorobenzene	12.489	95	10776	45.996	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.000%			
Target Compounds						Qvalue
16) Acetone	3.954	43	35295	770.023	ug/l	97
25) 2-Butanone	6.990	43	3693	62.317	ug/l	100
51) 4-Methyl-2-Pentanone	10.075	43	9151	62.780	ug/l	98
52) Toluene	10.252	92	576	1.183	ug/l	98
67) Ethyl Benzene	11.593	91	1671	1.669	ug/l #	85
68) m/p-Xylenes	11.703	106	2636	7.087	ug/l	98
69) o-Xylene	12.032	106	1228	3.506	ug/l	95
78) n-propylbenzene	12.678	91	1188	1.229	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	1579	2.466	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	5371	8.463	ug/l	94
89) n-Butylbenzene	13.696	91	1003	1.498	ug/l	91

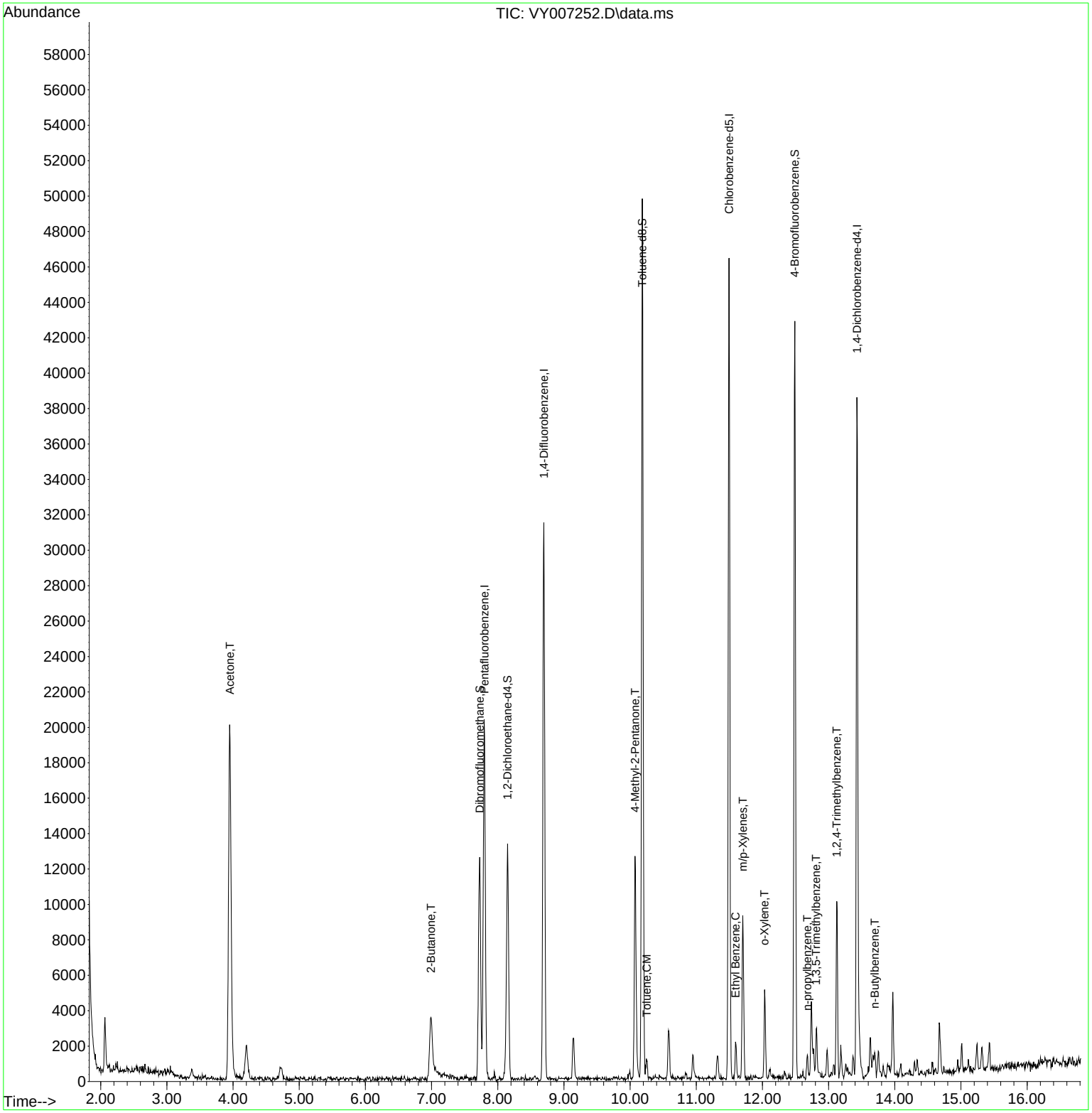
(#) = qualifier out of range (m) = manual integration (+) = signals summed

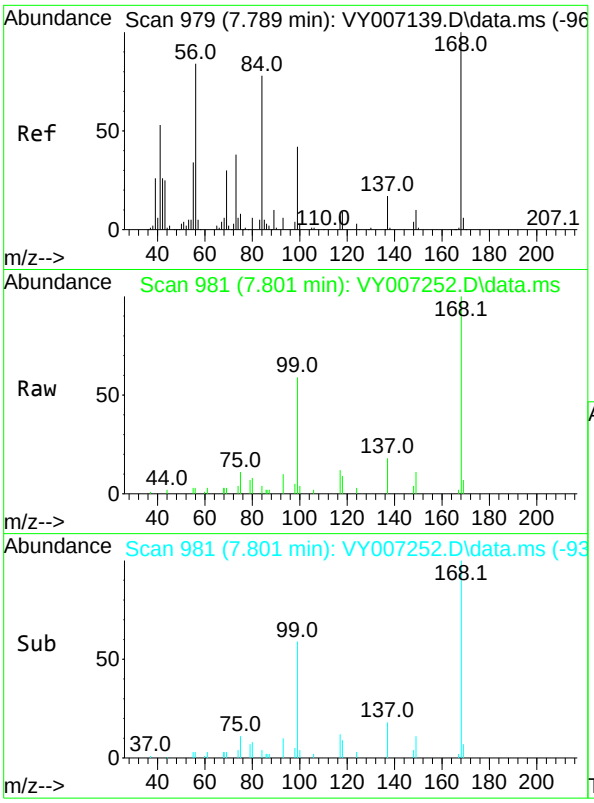
Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012122\
Data File : VY007252.D
Acq On : 21 Jan 2022 14:37
Operator : SY/MD
Sample : N1217-06
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-72017

Quant Time: Jan 22 00:23:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 14 05:48:29 2022
Response via : Initial Calibration



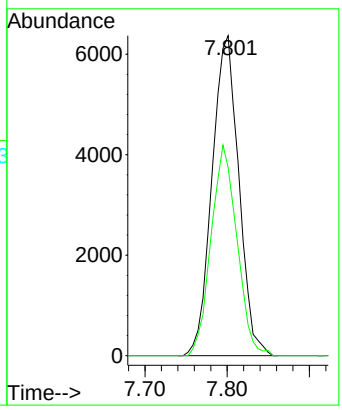


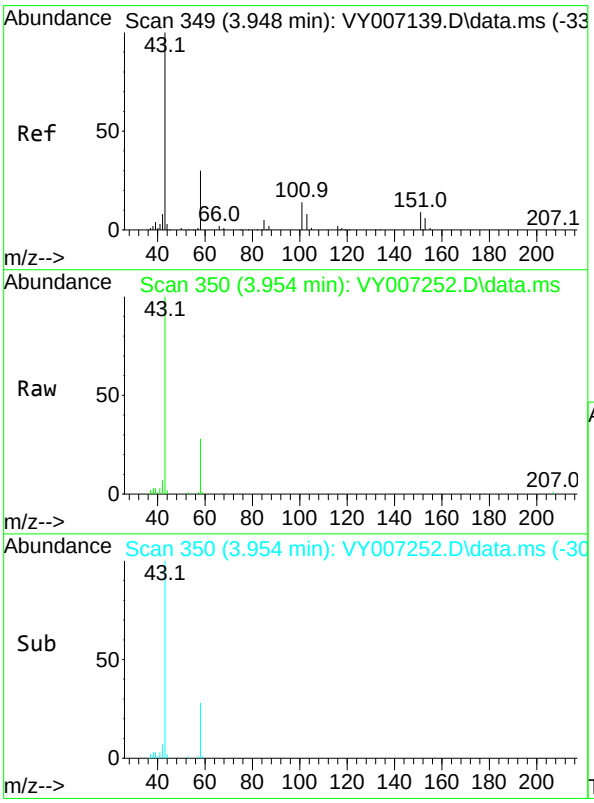
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 9
Delta R.T. 0.012 min
Lab File: VY007252.D
Acq: 21 Jan 2022 14:37

Instrument :
MSVOA_Y
ClientSampleId :
72-72017

Tgt Ion:168 Resp: 14394

Ion	Ratio	Lower	Upper
168	100		
99	58.8	49.1	73.7

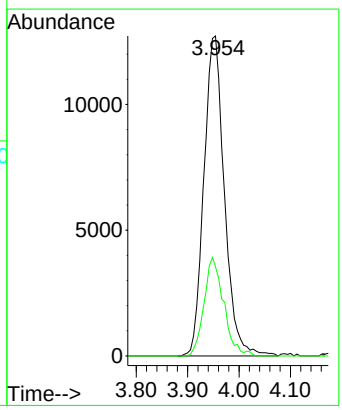


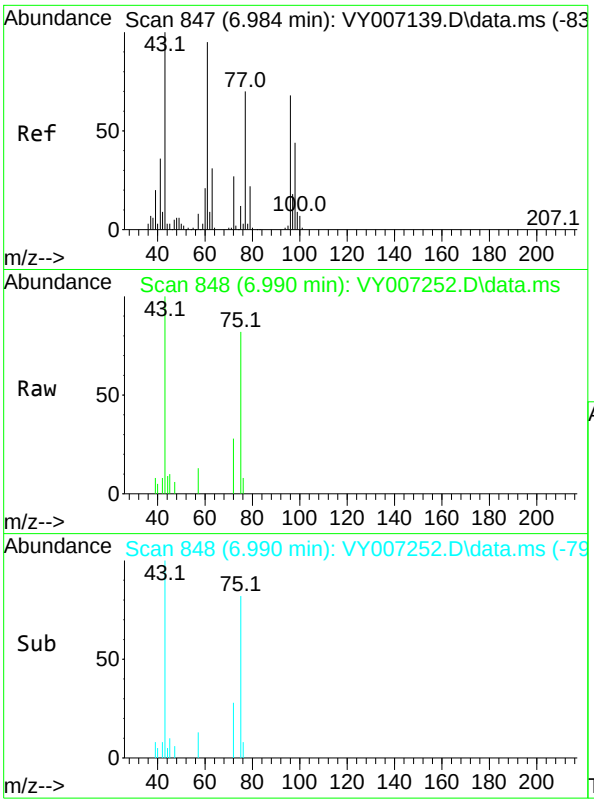


#16
Acetone
Concen: 770.023 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007252.D
Acq: 21 Jan 2022 14:37

Tgt Ion: 43 Resp: 35295

Ion	Ratio	Lower	Upper
43	100		
58	27.9	23.8	35.6



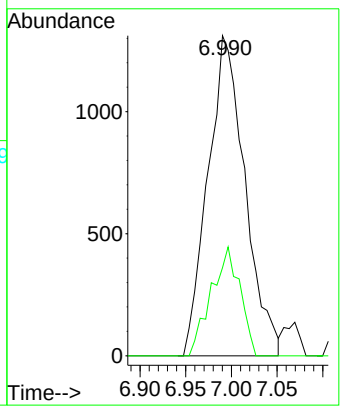


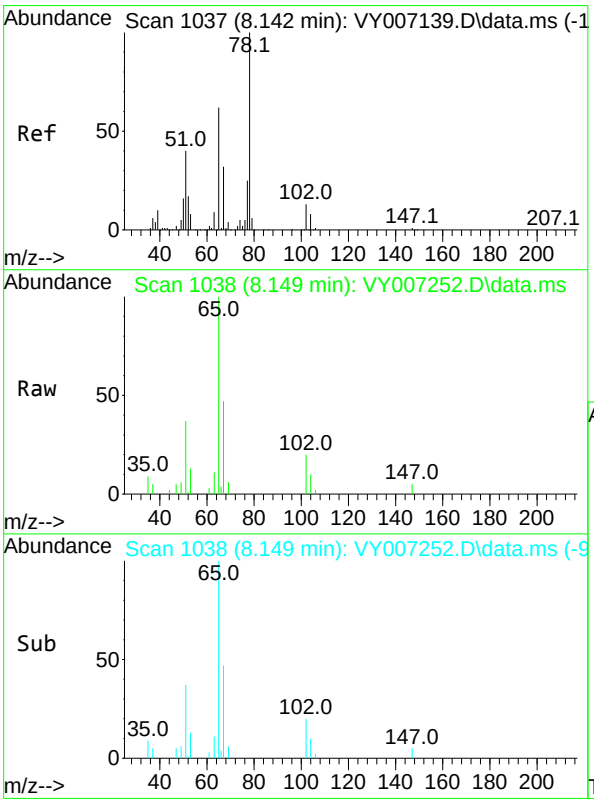
#25
2-Butanone
Concen: 62.317 ug/l
RT: 6.990 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY007252.D
Acq: 21 Jan 2022 14:37

Instrument :
MSVOA_Y
ClientSampleId :
72-72017

Tgt Ion: 43 Resp: 3693

Ion	Ratio	Lower	Upper
43	100		
72	27.5	21.9	32.9

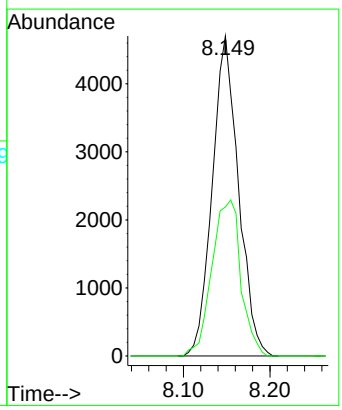


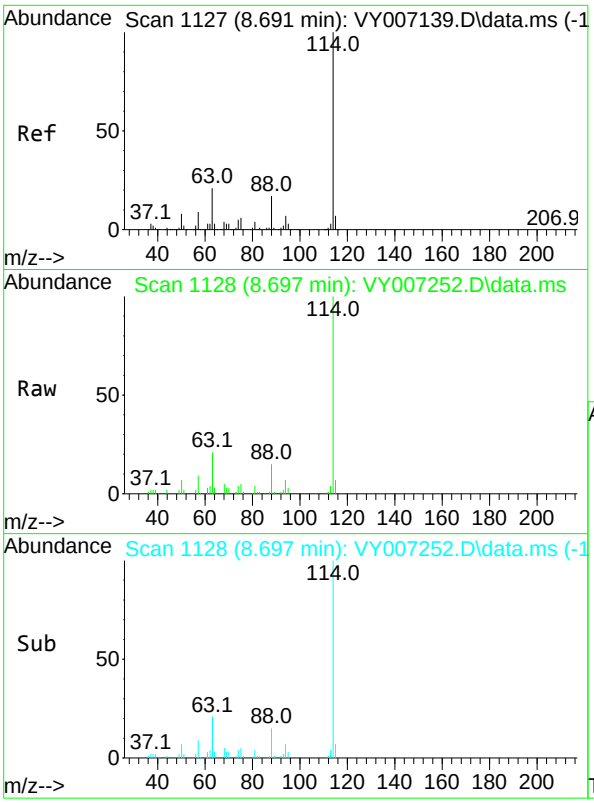


#33
1,2-Dichloroethane-d4
Concen: 55.957 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007252.D
Acq: 21 Jan 2022 14:37

Tgt Ion: 65 Resp: 9883

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	105.6



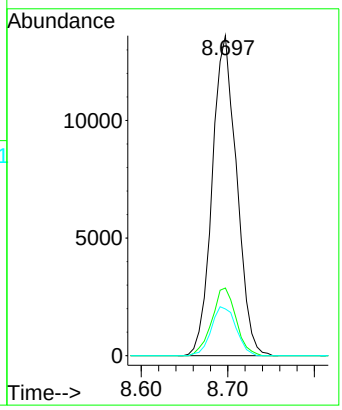


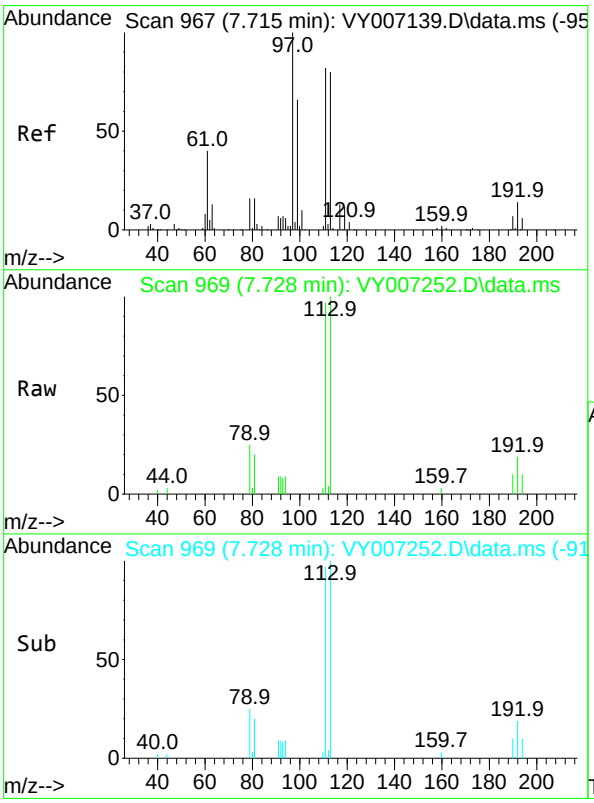
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007252.D
Acq: 21 Jan 2022 14:37

Instrument :
MSVOA_Y
ClientSampleId :
72-72017

Tgt Ion:114 Resp: 26657

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	39.2
88	14.6	0.0	31.0

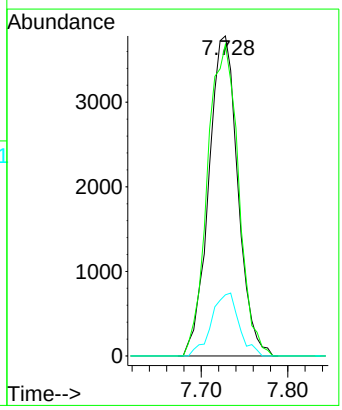


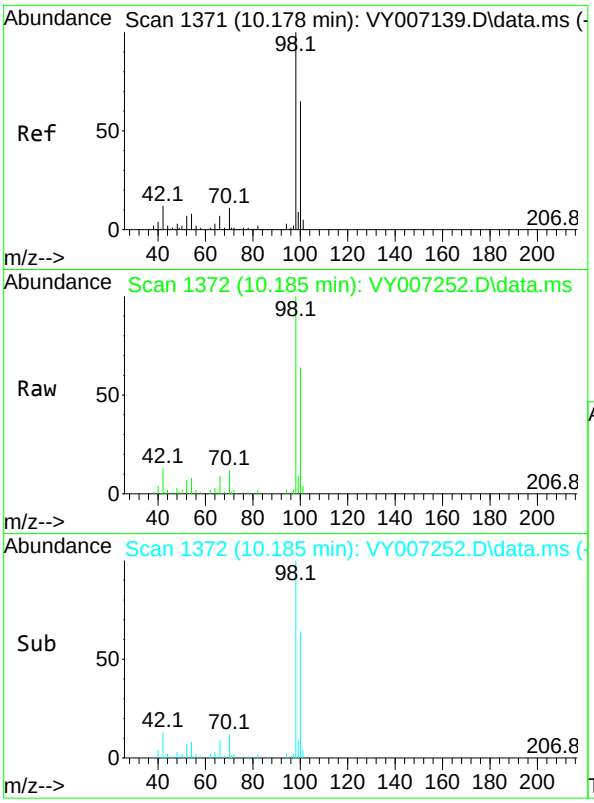


#35
Dibromofluoromethane
Concen: 48.987 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY007252.D
Acq: 21 Jan 2022 14:37

Tgt Ion:113 Resp: 8830

Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.4
192	18.6	14.2	21.4



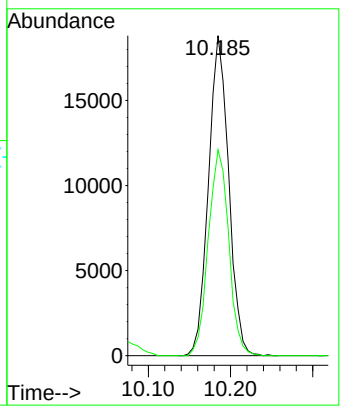


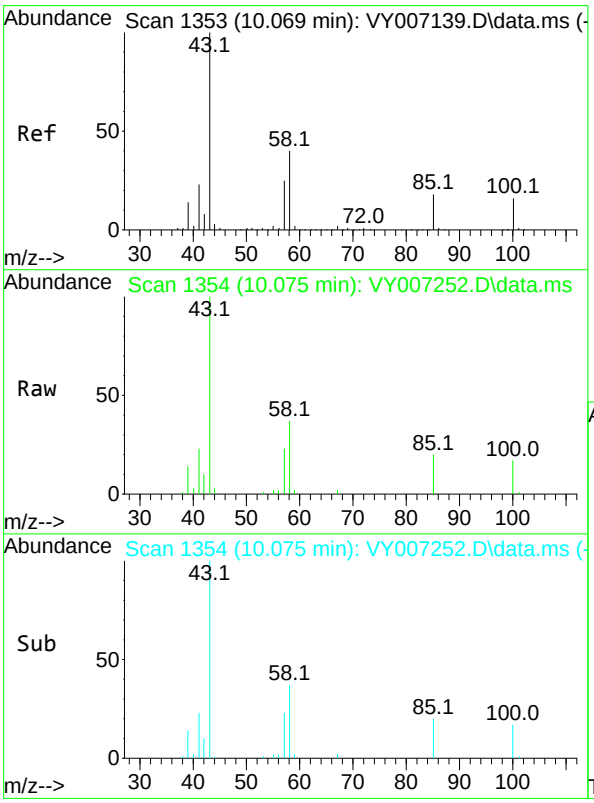
#50
Toluene-d8
Concen: 48.811 ug/l
RT: 10.185 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY007252.D
Acq: 21 Jan 2022 14:37

Instrument :
MSVOA_Y
ClientSampleId :
72-72017

Tgt Ion: 98 Resp: 32148

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.2

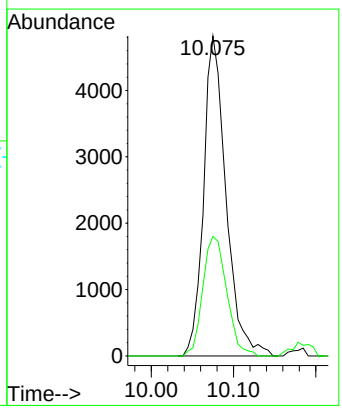


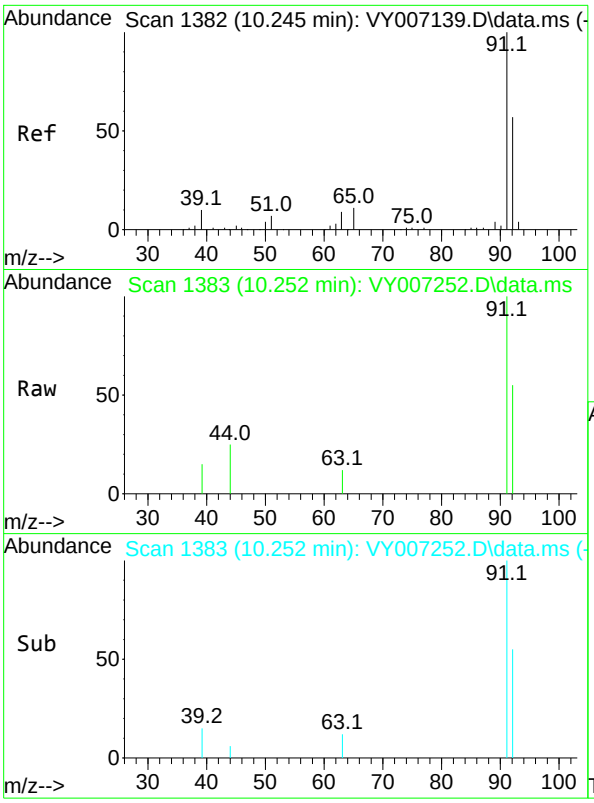


#51
4-Methyl-2-Pentanone
Concen: 62.780 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY007252.D
Acq: 21 Jan 2022 14:37

Tgt Ion: 43 Resp: 9151

Ion	Ratio	Lower	Upper
43	100		
58	39.8	32.8	49.2



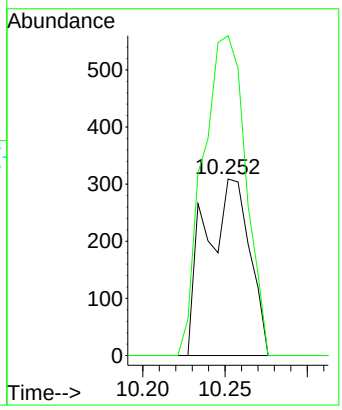


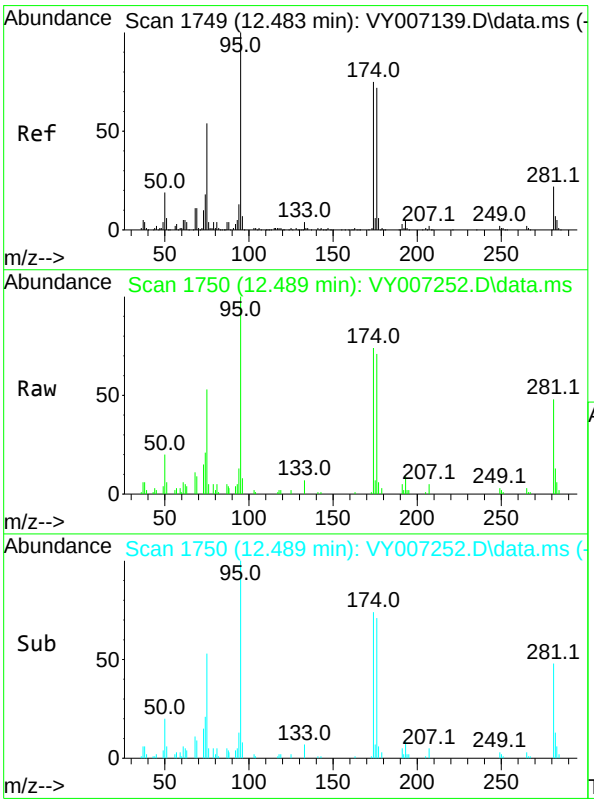
#52
Toluene
Concen: 1.183 ug/l
RT: 10.252 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY007252.D
Acq: 21 Jan 2022 14:37

Instrument :
MSVOA_Y
ClientSampleId :
72-72017

Tgt Ion: 92 Resp: 576

Ion	Ratio	Lower	Upper
92	100		
91	176.6	138.6	207.8

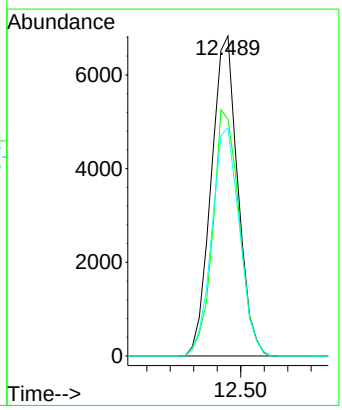


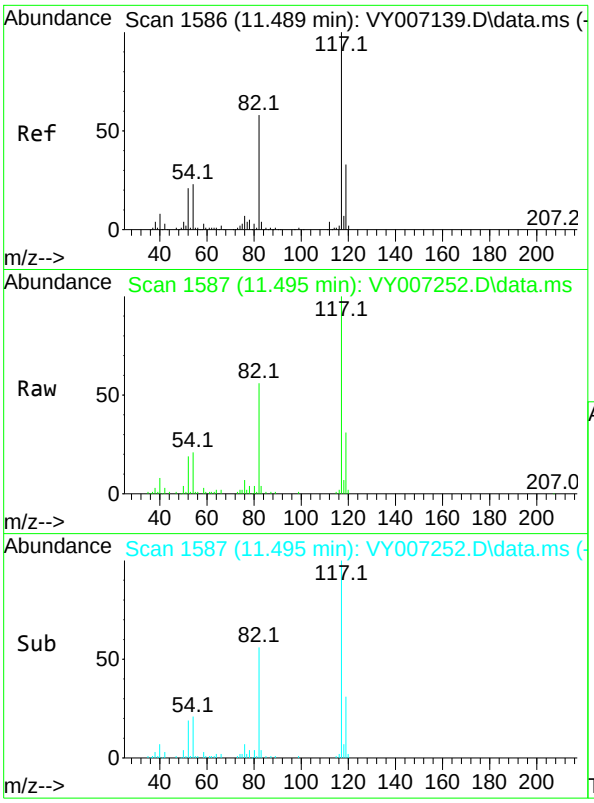


#62
4-Bromofluorobenzene
Concen: 45.996 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY007252.D
Acq: 21 Jan 2022 14:37

Tgt Ion: 95 Resp: 10776

Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	148.4
176	74.3	0.0	146.6



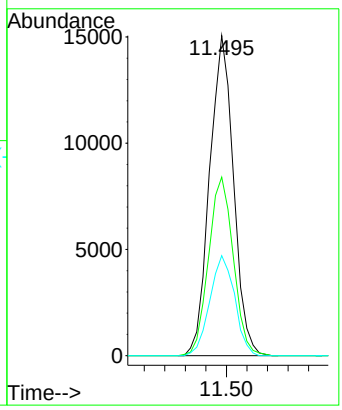


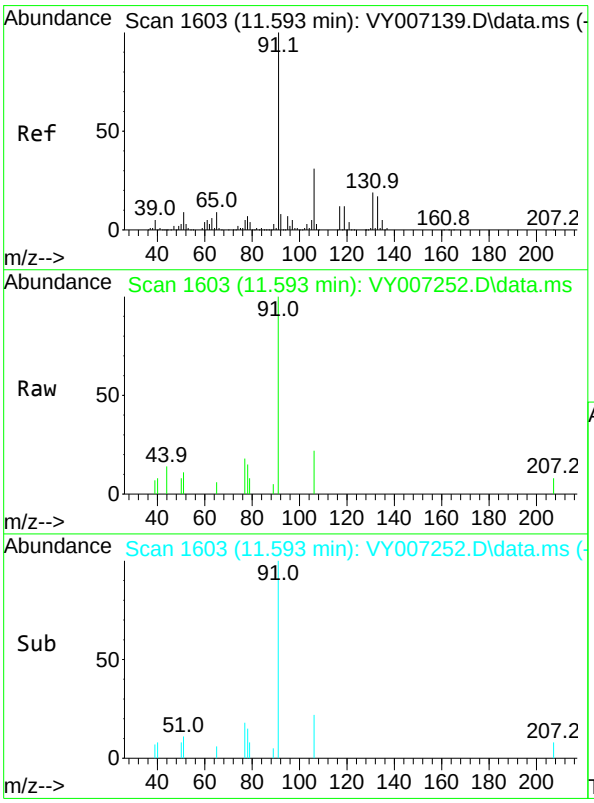
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY007252.D
Acq: 21 Jan 2022 14:37

Instrument :
MSVOA_Y
ClientSampleId :
72-72017

Tgt Ion:117 Resp: 24355

Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.4	68.0
119	31.3	26.4	39.6

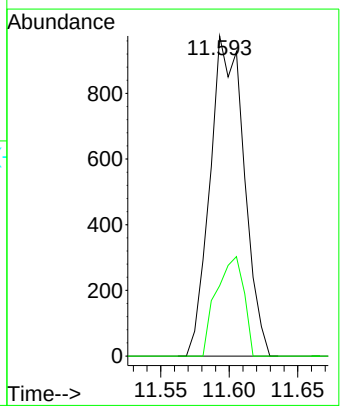


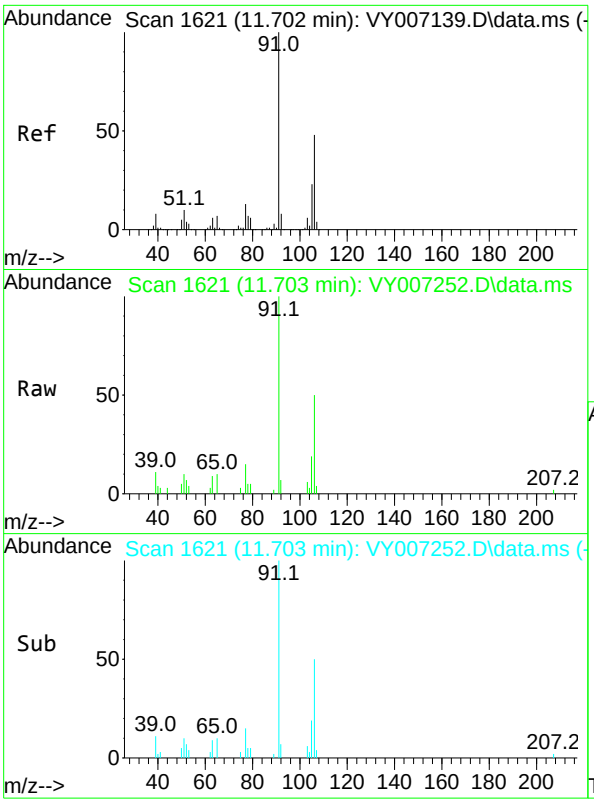


#67
Ethyl Benzene
Concen: 1.669 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007252.D
Acq: 21 Jan 2022 14:37

Tgt Ion: 91 Resp: 1671

Ion	Ratio	Lower	Upper
91	100		
106	21.9	23.9	35.9#



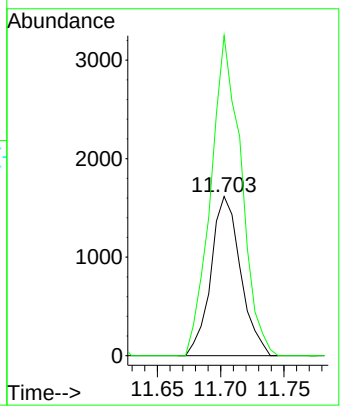


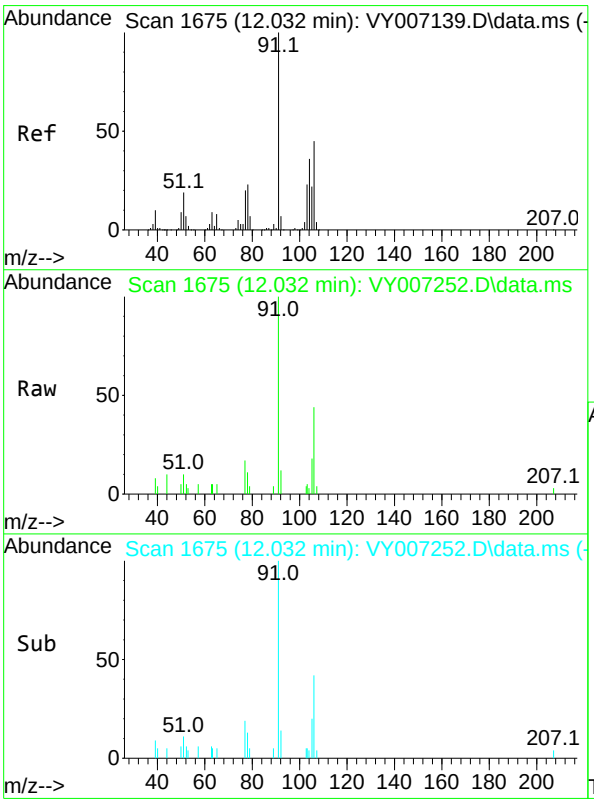
#68
m/p-Xylenes
Concen: 7.087 ug/l
RT: 11.703 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007252.D
Acq: 21 Jan 2022 14:37

Instrument :
MSVOA_Y
ClientSampleId :
72-72017

Tgt Ion:106 Resp: 2636

Ion	Ratio	Lower	Upper
106	100		
91	206.1	167.1	250.7

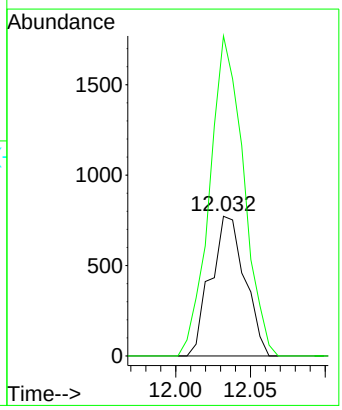


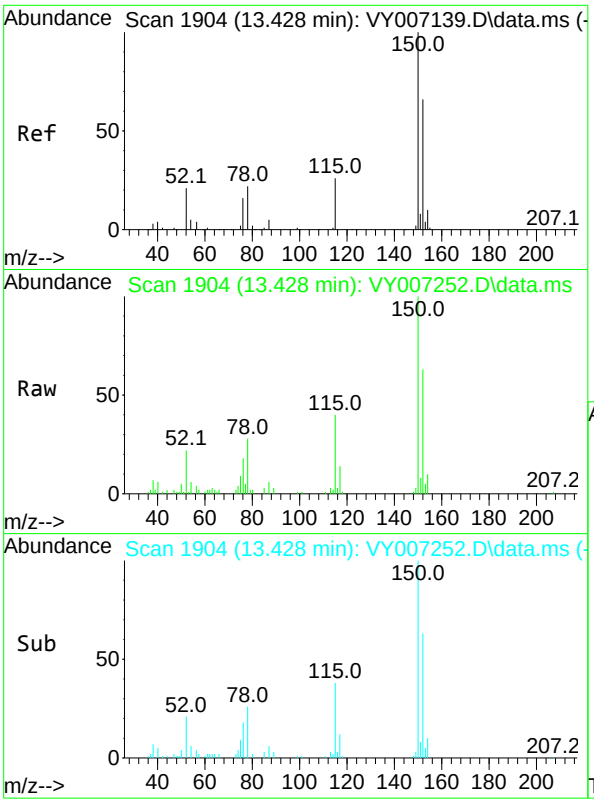


#69
o-Xylene
Concen: 3.506 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY007252.D
Acq: 21 Jan 2022 14:37

Tgt Ion:106 Resp: 1228

Ion	Ratio	Lower	Upper
106	100		
91	227.4	109.9	329.6



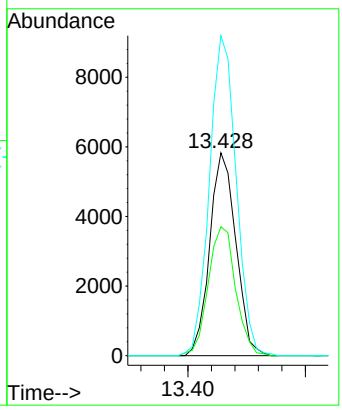


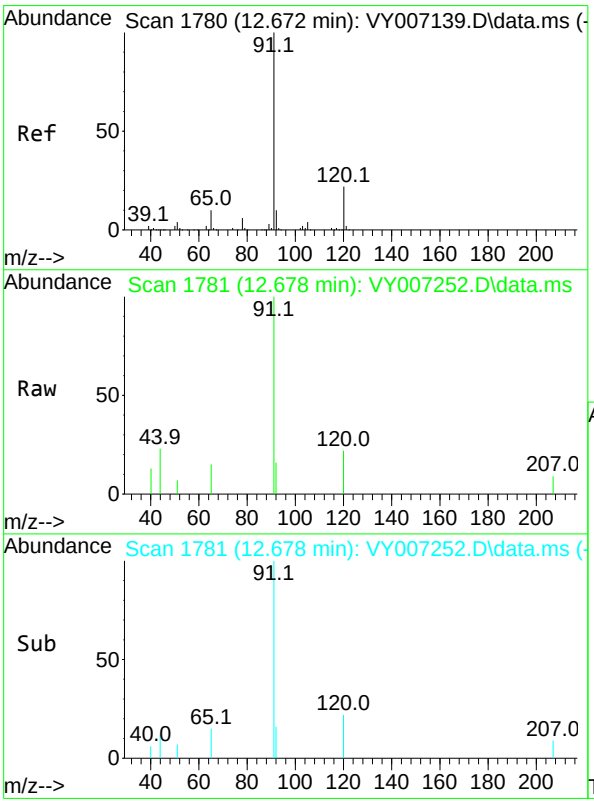
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007252.D
Acq: 21 Jan 2022 14:37

Instrument :
MSVOA_Y
ClientSampleId :
72-72017

Tgt Ion:152 Resp: 9028

Ion	Ratio	Lower	Upper
152	100		
115	66.5	31.4	94.0
150	161.3	0.0	348.4

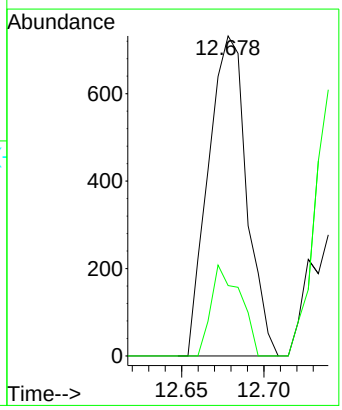


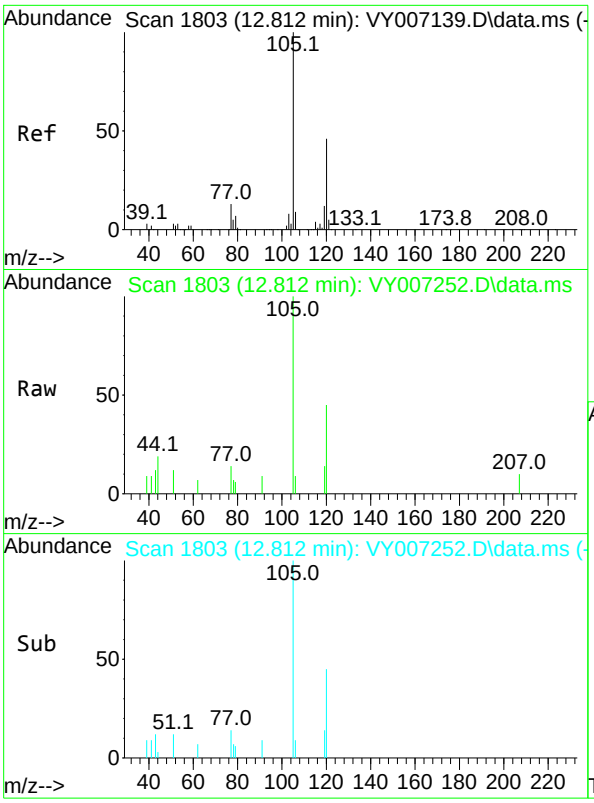


#78
n-propylbenzene
Concen: 1.229 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY007252.D
Acq: 21 Jan 2022 14:37

Tgt Ion: 91 Resp: 1188

Ion	Ratio	Lower	Upper
91	100		
120	21.7	11.2	33.5



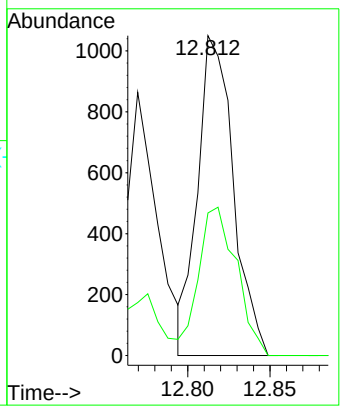


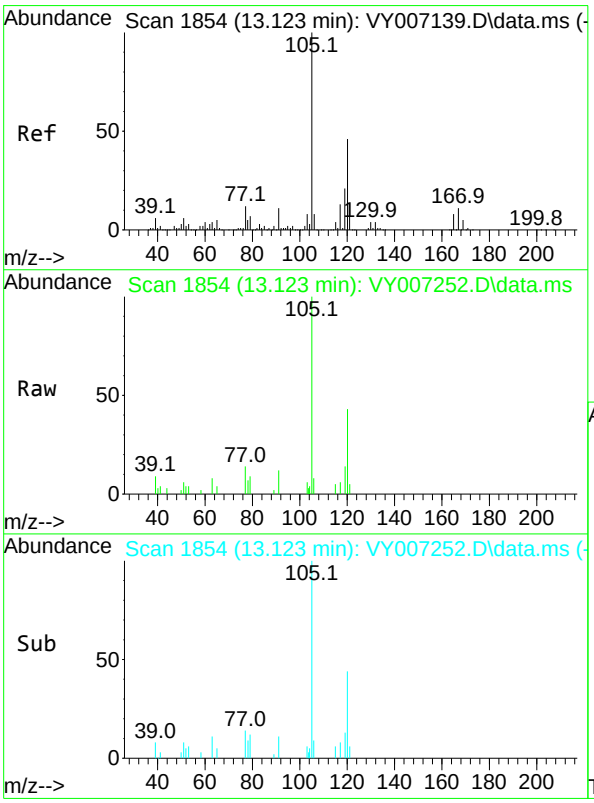
#80
1,3,5-Trimethylbenzene
Concen: 2.466 ug/l
RT: 12.812 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007252.D
Acq: 21 Jan 2022 14:37

Instrument :
MSVOA_Y
ClientSampleId :
72-72017

Tgt Ion:105 Resp: 1579

Ion	Ratio	Lower	Upper
105	100		
120	49.3	23.7	71.1

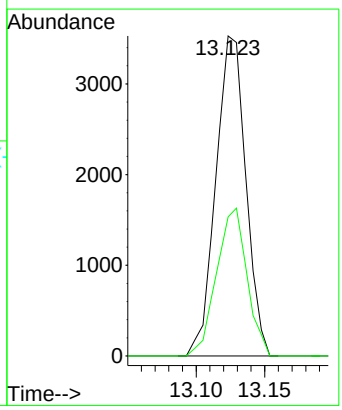


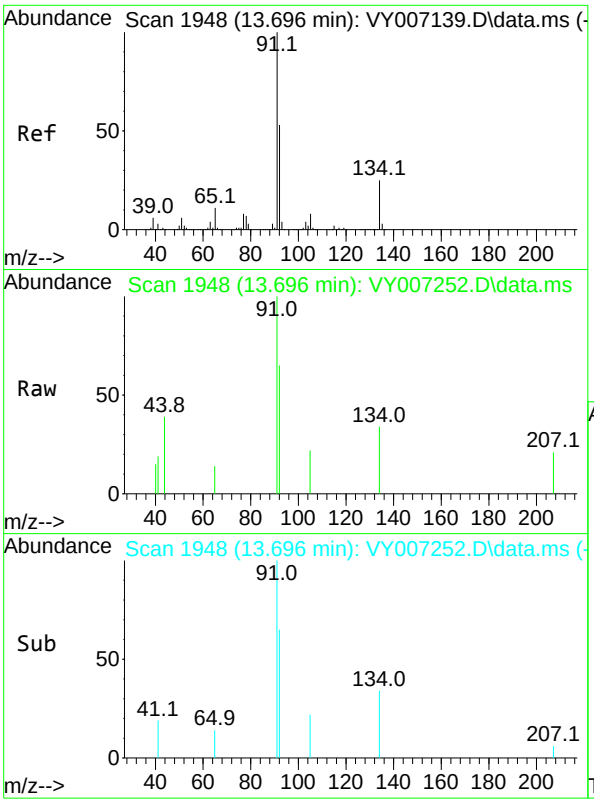


#84
1,2,4-Trimethylbenzene
Concen: 8.463 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY007252.D
Acq: 21 Jan 2022 14:37

Tgt Ion:105 Resp: 5371

Ion	Ratio	Lower	Upper
105	100		
120	46.8	21.6	64.6





#89
n-Butylbenzene
Concen: 1.498 ug/l
RT: 13.696 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007252.D
Acq: 21 Jan 2022 14:37

Instrument :
MSVOA_Y
ClientSampleId :
72-72017

Tgt Ion: 91 Resp: 1003

Ion	Ratio	Lower	Upper
91	100		
92	45.4	26.9	80.6
134	22.8	12.6	37.6