Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012122\
Data File : VY007254.D
Acq On : 21 Jan 2022 15:26
Operator : SY/MD
Sample : N1217-06
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-72017

Quant Time: Jan 22 00:24:03 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	7.795	168	4167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	8913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	9126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	4043	79.074	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 158.140%			
35) Dibromofluoromethane	7.728	113	3463	57.460	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.920%			
50) Toluene-d8	10.185	98	10915	49.565	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.120%			
62) 4-Bromofluorobenzene	12.489	95	3881	49.544	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.080%			
Target Compounds						Qvalue
16) Acetone	3.948	43	16476	1241.653	ug/l	97
25) 2-Butanone	6.996	43	1774	103.404	ug/l	90
51) 4-Methyl-2-Pentanone	10.081	43	4520	92.743	ug/l	94
52) Toluene	10.252	92	253	1.555	ug/l	85
67) Ethyl Benzene	11.599	91	849	2.264	ug/l #	80
68) m/p-Xylenes	11.703	106	1489	10.683	ug/l	94
69) o-Xylene	12.038	106	777	5.920	ug/l	94
78) n-propylbenzene	12.678	91	760	2.341	ug/l	84
80) 1,3,5-Trimethylbenzene	12.818	105	1073	4.990	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	3350	15.718	ug/l	93

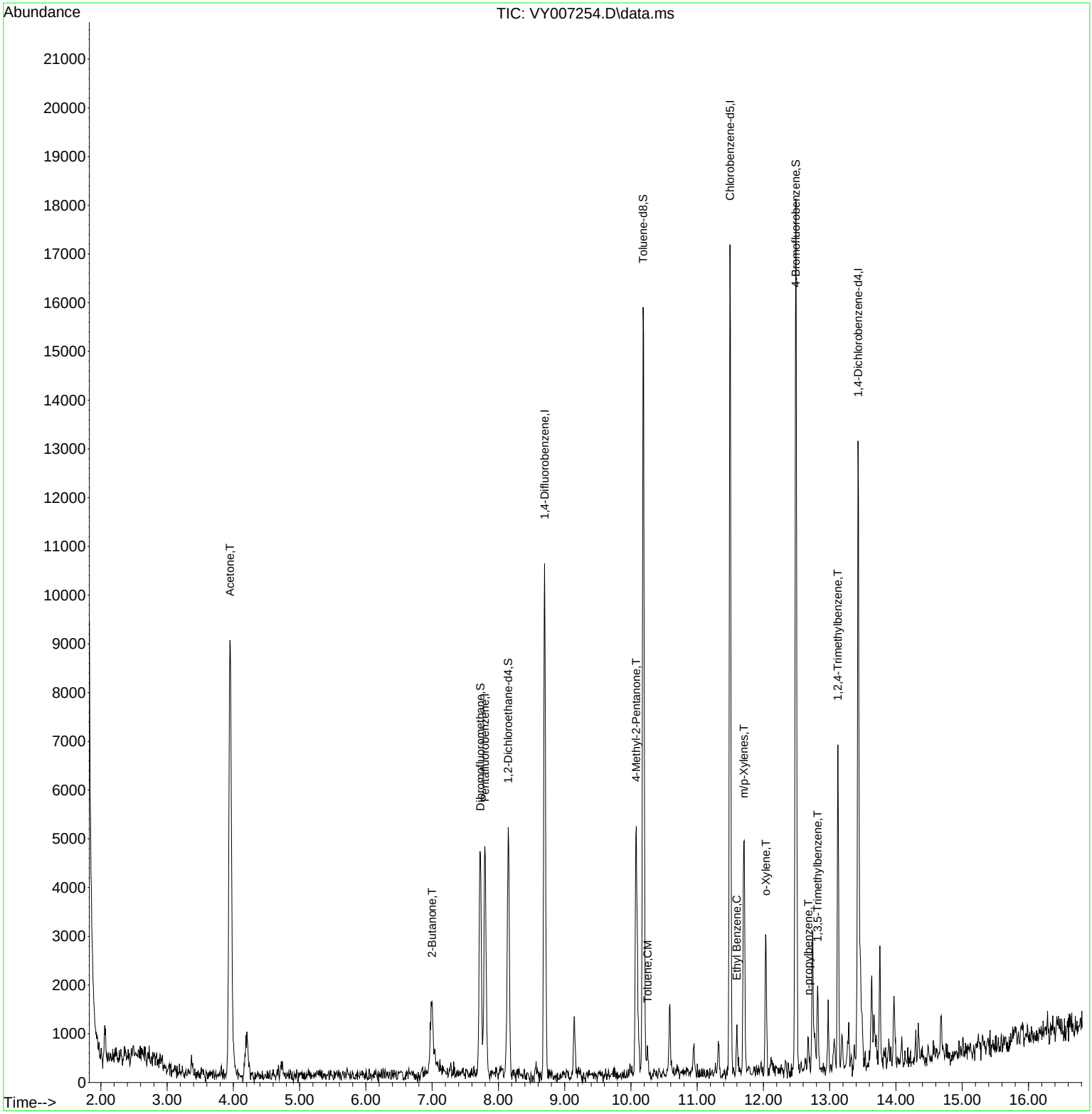
(#) = qualifier out of range (m) = manual integration (+) = signals summed

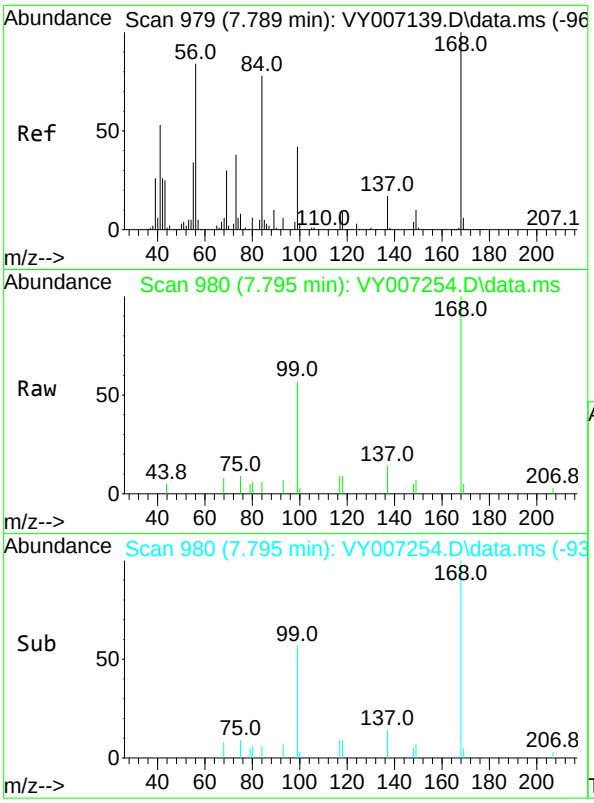
Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012122\
Data File : VY007254.D
Acq On : 21 Jan 2022 15:26
Operator : SY/MD
Sample : N1217-06
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-72017

Quant Time: Jan 22 00:24:03 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



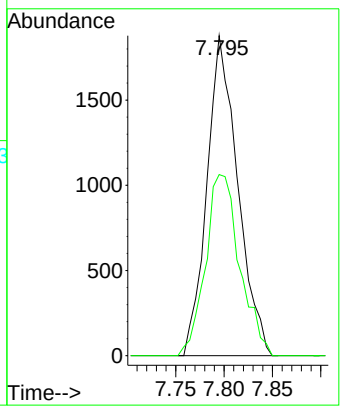


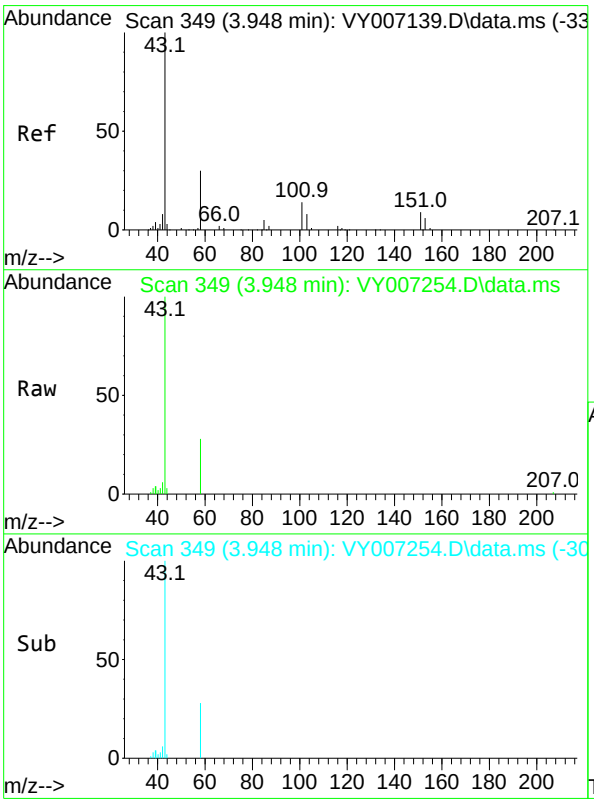
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY007254.D
Acq: 21 Jan 2022 15:26

Instrument :
MSVOA_Y
ClientSampleId :
72-72017

Tgt Ion:168 Resp: 4167

Ion	Ratio	Lower	Upper
168	100		
99	56.6	49.1	73.7

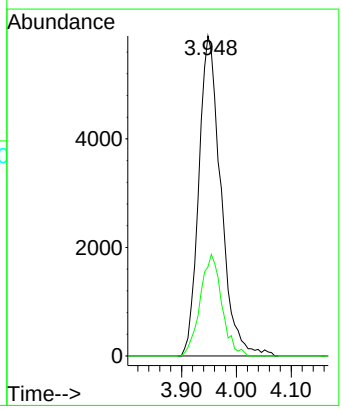


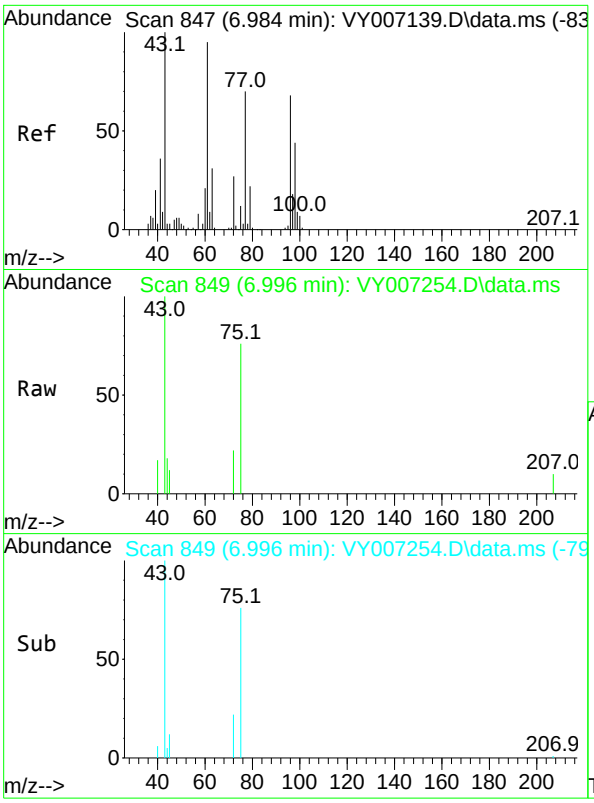


#16
Acetone
Concen: 1241.653 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007254.D
Acq: 21 Jan 2022 15:26

Tgt Ion: 43 Resp: 16476

Ion	Ratio	Lower	Upper
43	100		
58	27.8	23.8	35.6



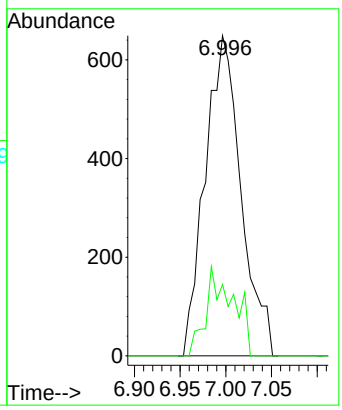


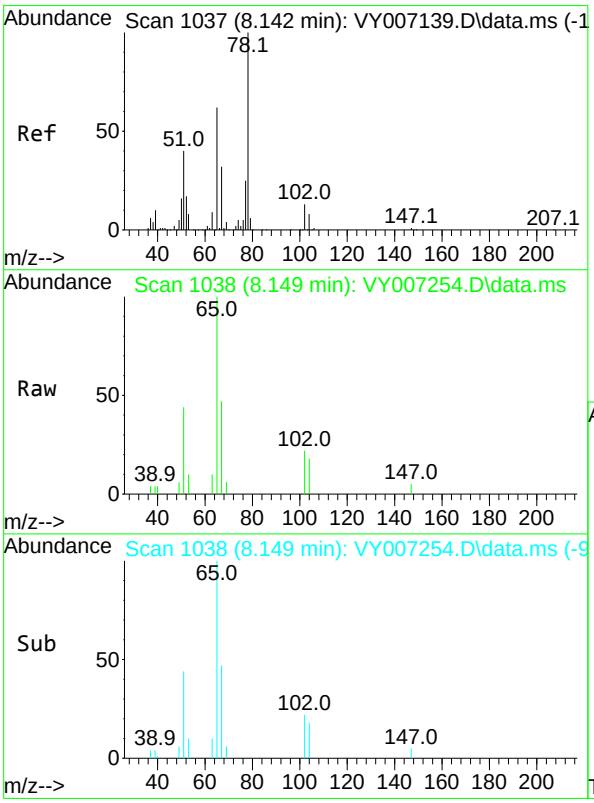
#25
2-Butanone
Concen: 103.404 ug/l
RT: 6.996 min Scan# 84
Delta R.T. 0.013 min
Lab File: VY007254.D
Acq: 21 Jan 2022 15:26

Instrument :
MSVOA_Y
ClientSampleId :
72-72017

Tgt Ion: 43 Resp: 1774

Ion	Ratio	Lower	Upper
43	100		
72	22.3	21.9	32.9

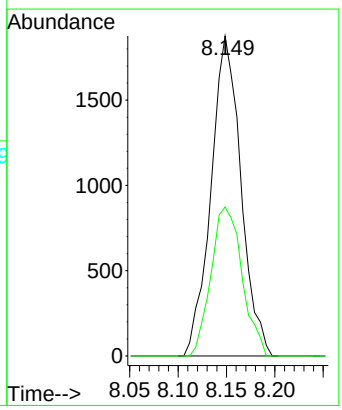


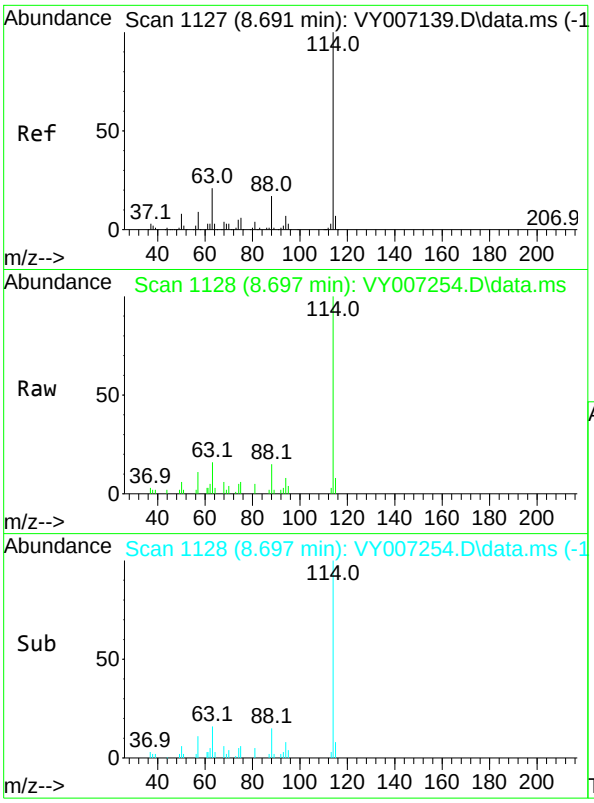


#33
1,2-Dichloroethane-d4
Concen: 79.074 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007254.D
Acq: 21 Jan 2022 15:26

Tgt Ion: 65 Resp: 4043

Ion	Ratio	Lower	Upper
65	100		
67	48.3	0.0	105.6



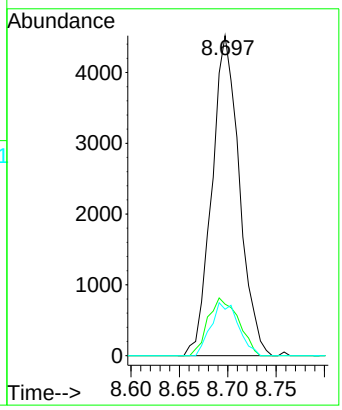


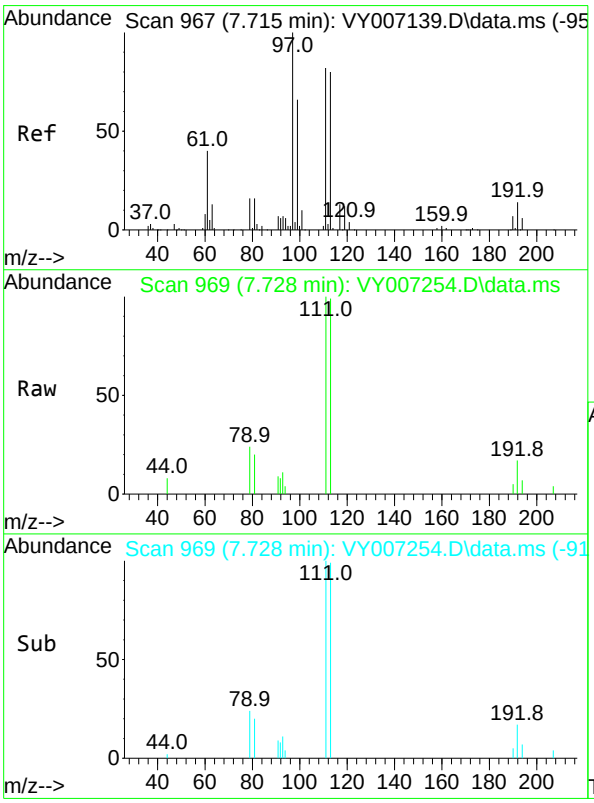
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007254.D
Acq: 21 Jan 2022 15:26

Instrument :
MSVOA_Y
ClientSampleId :
72-72017

Tgt Ion:114 Resp: 8913

Ion	Ratio	Lower	Upper
114	100		
63	16.1	0.0	39.2
88	14.5	0.0	31.0

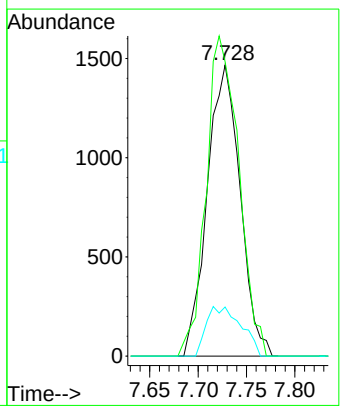


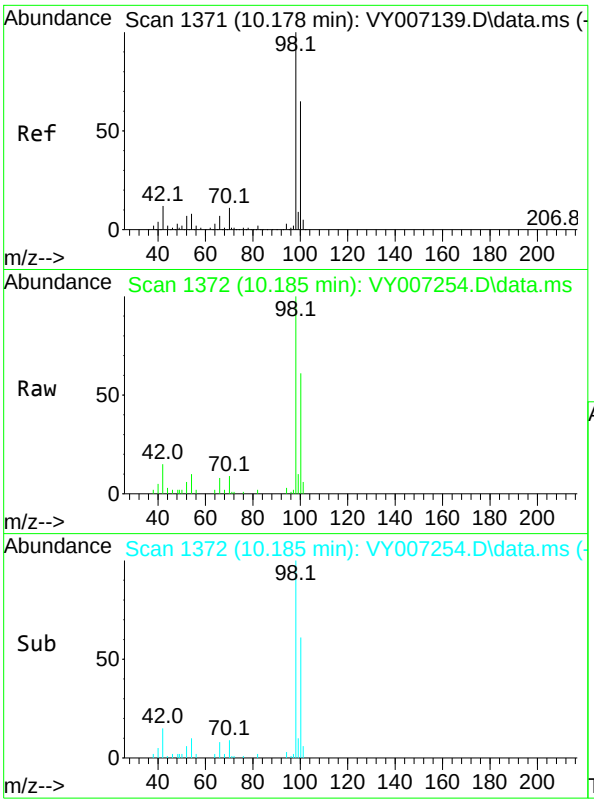


#35
Dibromofluoromethane
Concen: 57.460 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.013 min
Lab File: VY007254.D
Acq: 21 Jan 2022 15:26

Tgt Ion:113 Resp: 3463

Ion	Ratio	Lower	Upper
113	100		
111	109.1	82.2	123.4
192	18.0	14.2	21.4



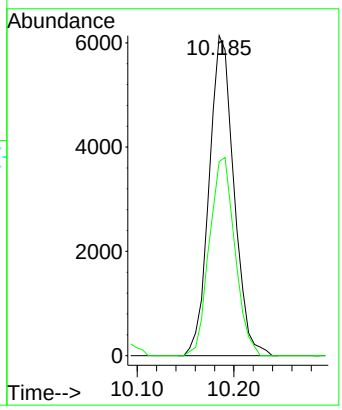


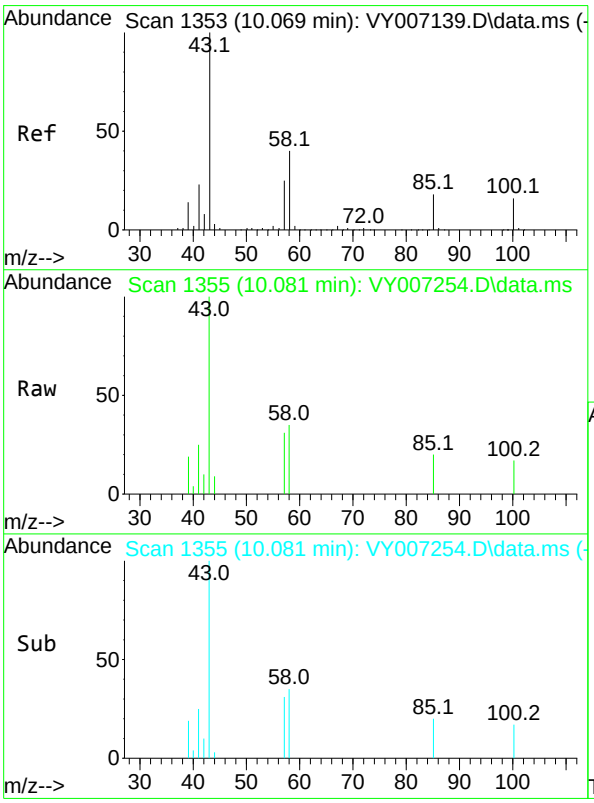
#50
Toluene-d8
Concen: 49.565 ug/l
RT: 10.185 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY007254.D
Acq: 21 Jan 2022 15:26

Instrument :
MSVOA_Y
ClientSampleId :
72-72017

Tgt Ion: 98 Resp: 10915

Ion	Ratio	Lower	Upper
98	100		
100	63.7	52.2	78.2

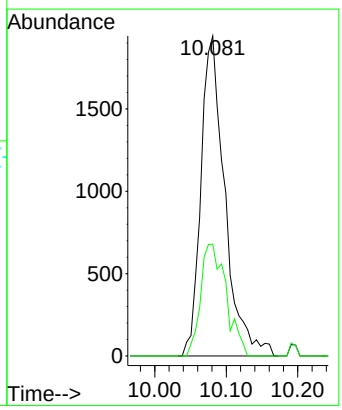


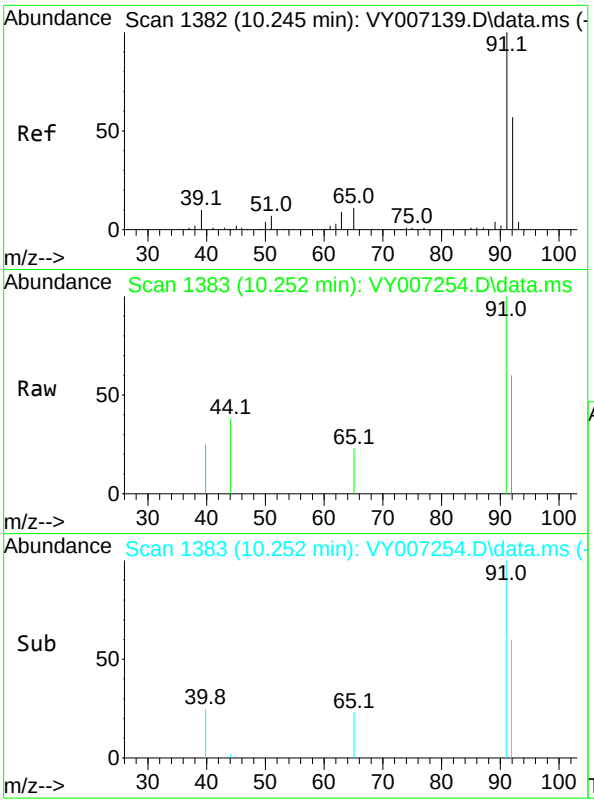


#51
4-Methyl-2-Pentanone
Concen: 92.743 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.012 min
Lab File: VY007254.D
Acq: 21 Jan 2022 15:26

Tgt Ion: 43 Resp: 4520

Ion	Ratio	Lower	Upper
43	100		
58	37.2	32.8	49.2



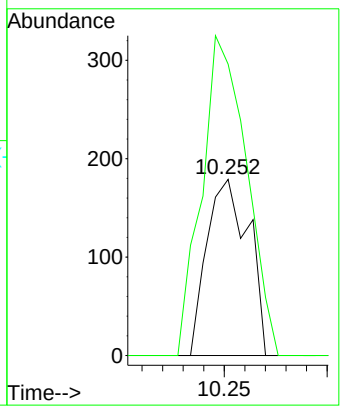


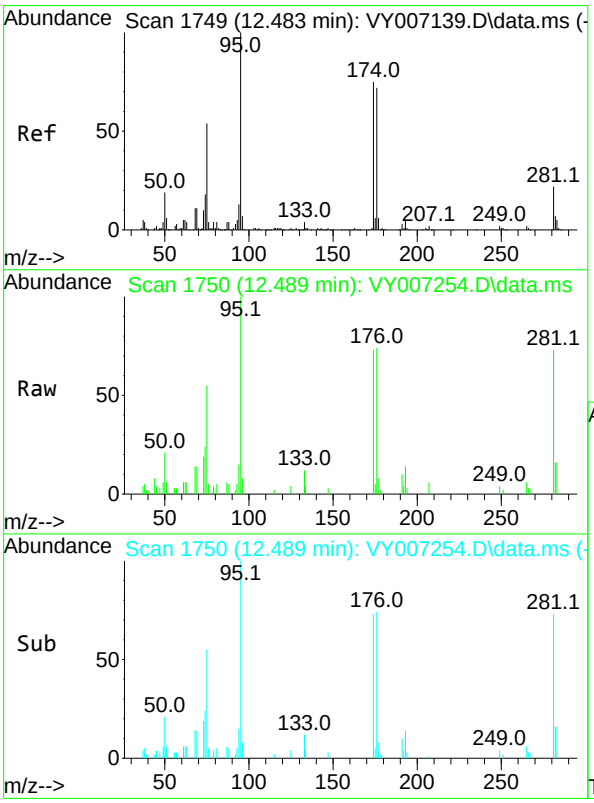
#52
Toluene
Concen: 1.555 ug/l
RT: 10.252 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY007254.D
Acq: 21 Jan 2022 15:26

Instrument :
MSVOA_Y
ClientSampleId :
72-72017

Tgt Ion: 92 Resp: 253

Ion	Ratio	Lower	Upper
92	100		
91	194.1	138.6	207.8

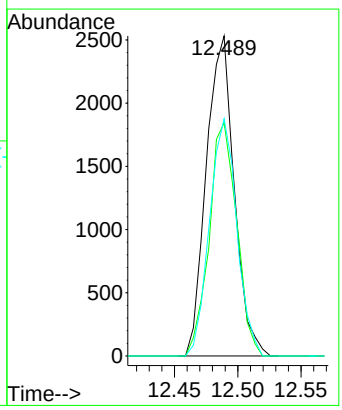


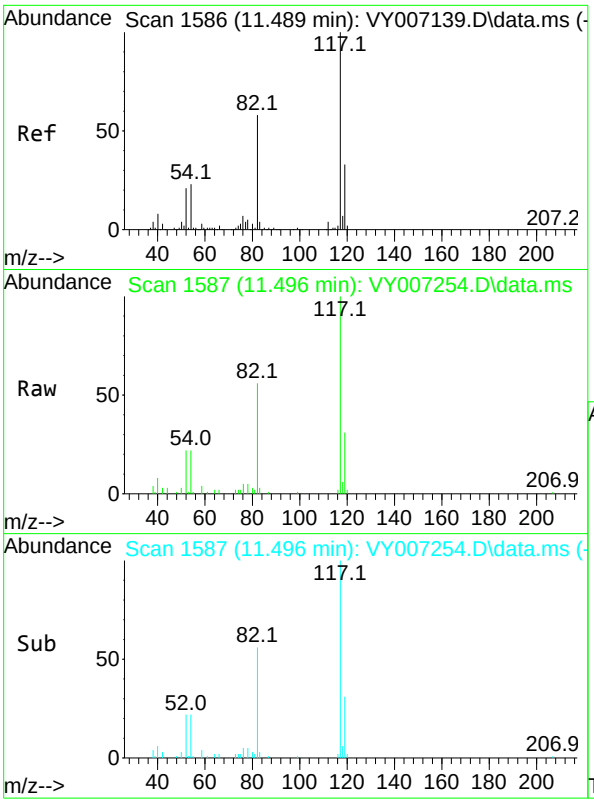


#62
4-Bromofluorobenzene
Concen: 49.544 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY007254.D
Acq: 21 Jan 2022 15:26

Tgt Ion: 95 Resp: 3881

Ion	Ratio	Lower	Upper
95	100		
174	71.8	0.0	148.4
176	72.5	0.0	146.6



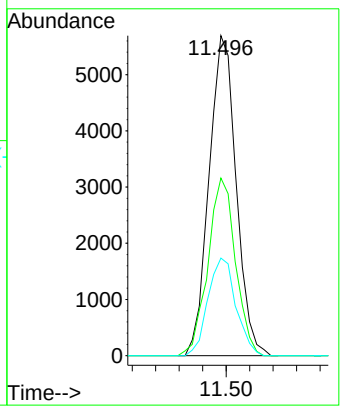


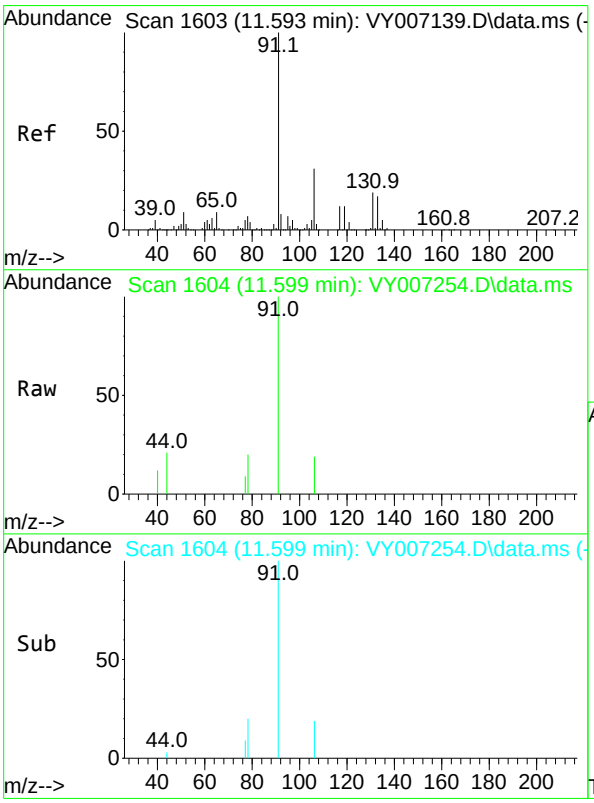
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY007254.D
Acq: 21 Jan 2022 15:26

Instrument :
MSVOA_Y
ClientSampleId :
72-72017

Tgt Ion:117 Resp: 9126

Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.4	68.0
119	30.5	26.4	39.6

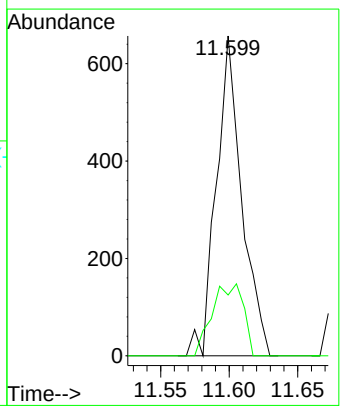


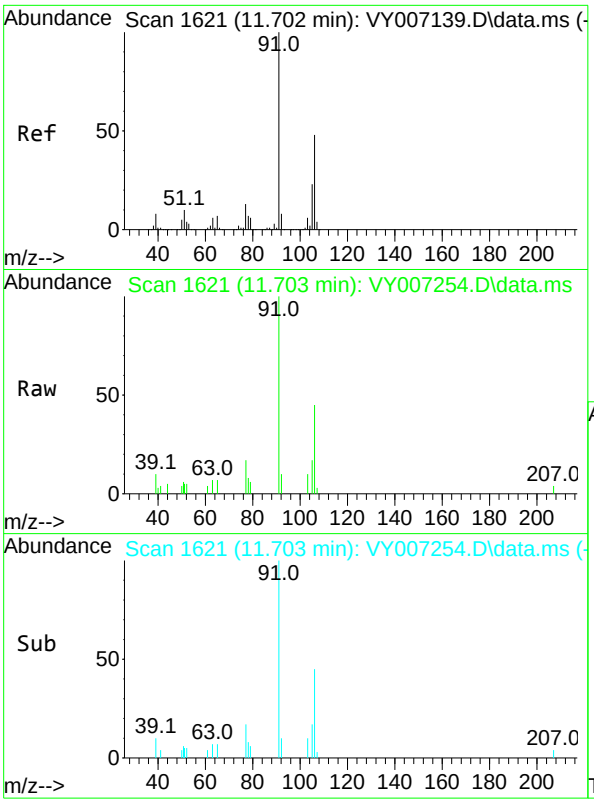


#67
Ethyl Benzene
Concen: 2.264 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY007254.D
Acq: 21 Jan 2022 15:26

Tgt Ion: 91 Resp: 849

Ion	Ratio	Lower	Upper
91	100		
106	19.0	23.9	35.9#



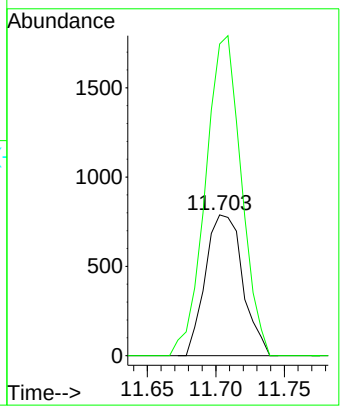


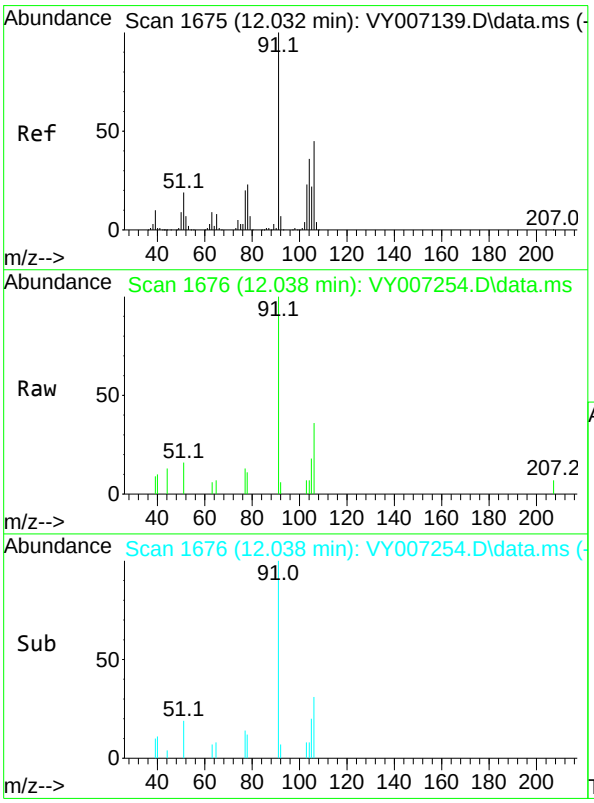
#68
m/p-Xylenes
Concen: 10.683 ug/l
RT: 11.703 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007254.D
Acq: 21 Jan 2022 15:26

Instrument :
MSVOA_Y
ClientSampleId :
72-72017

Tgt Ion:106 Resp: 1489

Ion	Ratio	Lower	Upper
106	100		
91	218.6	167.1	250.7

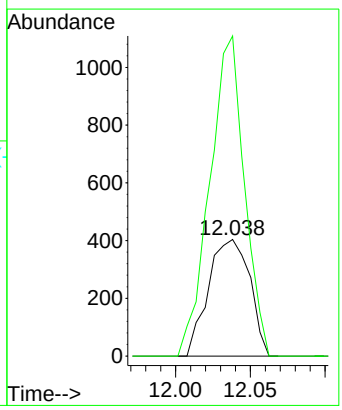


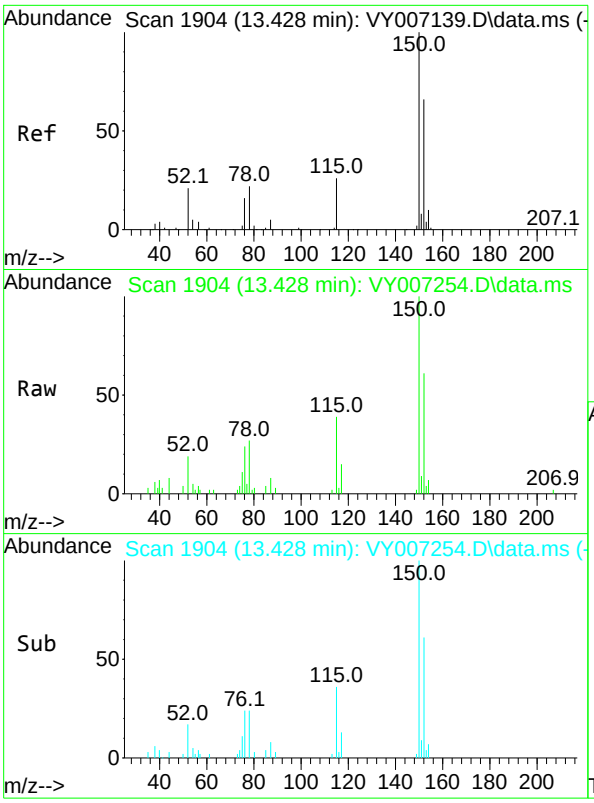


#69
o-Xylene
Concen: 5.920 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VY007254.D
Acq: 21 Jan 2022 15:26

Tgt Ion:106 Resp: 777

Ion	Ratio	Lower	Upper
106	100		
91	229.7	109.9	329.6



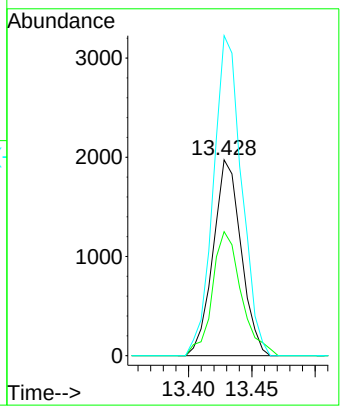


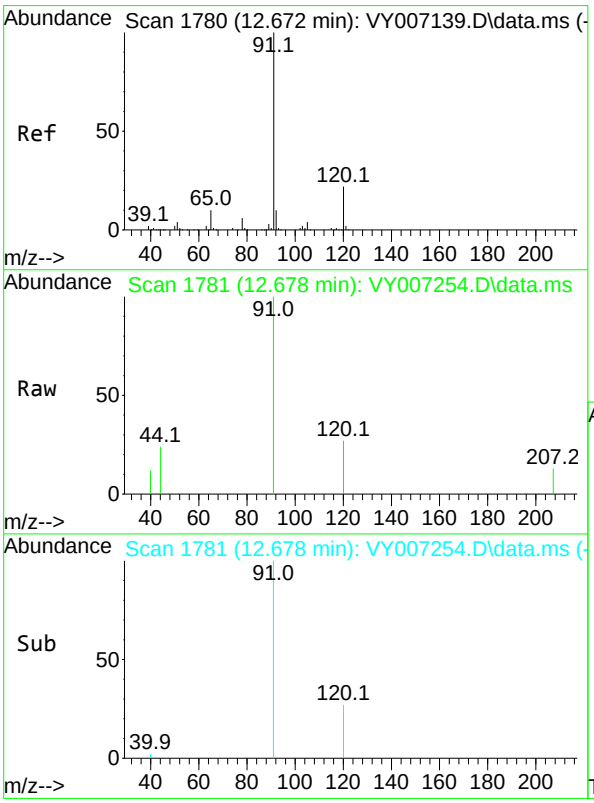
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007254.D
Acq: 21 Jan 2022 15:26

Instrument :
MSVOA_Y
ClientSampleId :
72-72017

Tgt Ion:152 Resp: 3032

Ion	Ratio	Lower	Upper
152	100		
115	65.4	31.4	94.0
150	165.2	0.0	348.4

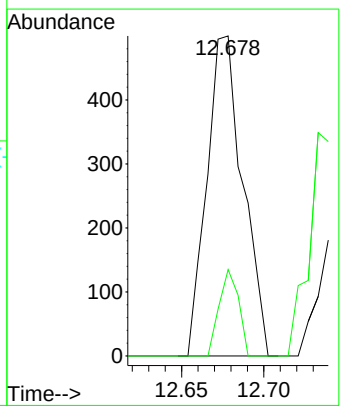


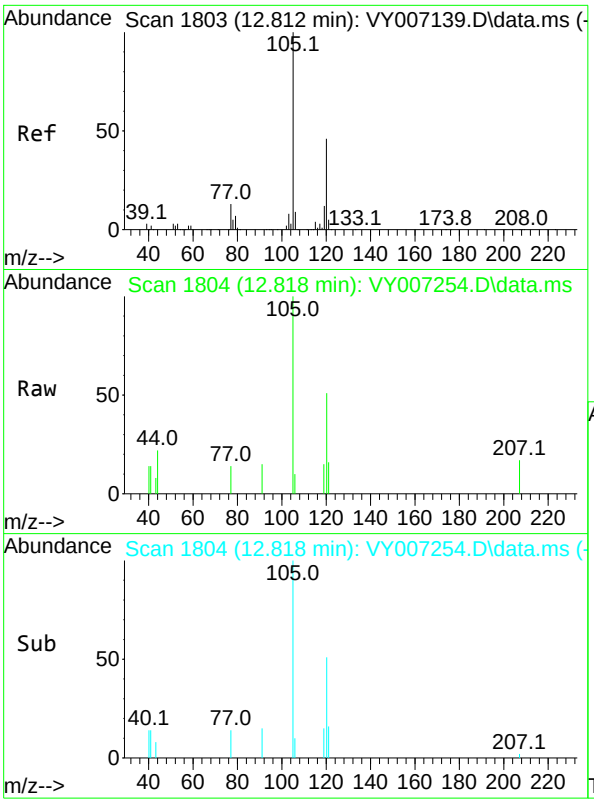


#78
n-propylbenzene
Concen: 2.341 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY007254.D
Acq: 21 Jan 2022 15:26

Tgt Ion: 91 Resp: 760

Ion	Ratio	Lower	Upper
91	100		
120	14.6	11.2	33.5



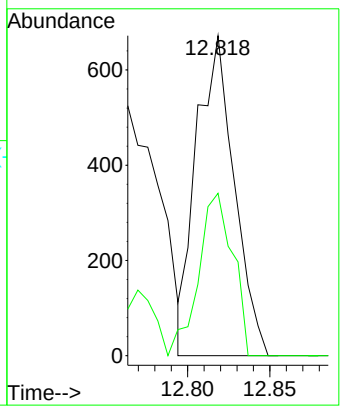


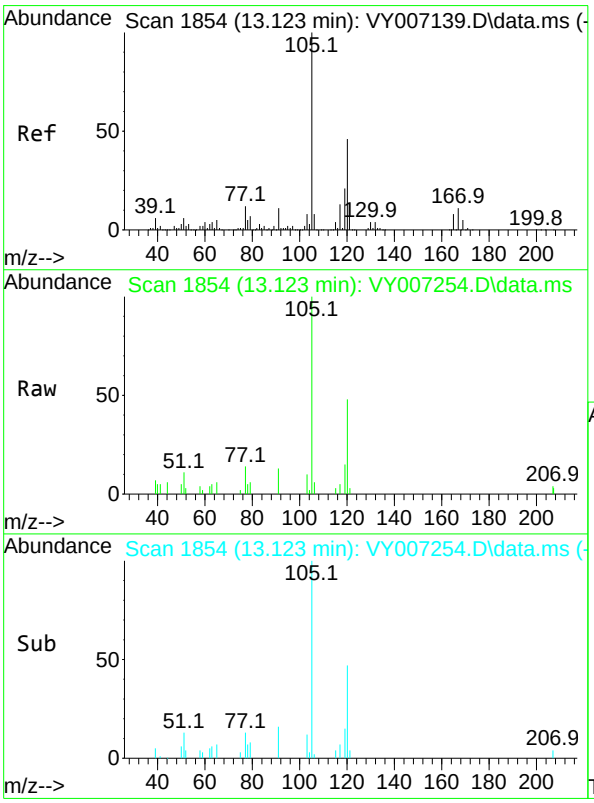
#80
1,3,5-Trimethylbenzene
Concen: 4.990 ug/l
RT: 12.818 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY007254.D
Acq: 21 Jan 2022 15:26

Instrument :
MSVOA_Y
ClientSampleId :
72-72017

Tgt Ion:105 Resp: 1073

Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.7	71.1





#84
1,2,4-Trimethylbenzene
Concen: 15.718 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY007254.D
Acq: 21 Jan 2022 15:26

Tgt Ion:105 Resp: 3350

Ion	Ratio	Lower	Upper
105	100		
120	47.6	21.6	64.6