Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
Data File : VY007931.D
Acq On : 19 Mar 2022 04:00
Operator : SY/MD
Sample : N1958-11
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C-11-10-11

Quant Time: Mar 21 03:19:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 13:55:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	246940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	462459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	428891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	186061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	159179	56.535	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.080%			
35) Dibromofluoromethane	7.716	113	144951	44.630	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 89.260%			
50) Toluene-d8	10.179	98	565781	58.716	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 117.440%			
62) 4-Bromofluorobenzene	12.477	95	201894	43.314	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 86.620%			
Target Compounds						Qvalue
16) Acetone	3.948	43	14921	19.976	ug/l	97
40) Benzene	8.161	78	77001	5.470	ug/l	94
67) Ethyl Benzene	11.593	91	51878	2.835	ug/l	100
68) m/p-Xylenes	11.703	106	32311	4.526	ug/l	98
69) o-Xylene	12.026	106	9339	1.352	ug/l	95
73) Isopropylbenzene	12.331	105	40048	2.445	ug/l	99
78) n-propylbenzene	12.672	91	24179	1.223	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	17956	1.333	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	39175	2.967	ug/l	99

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

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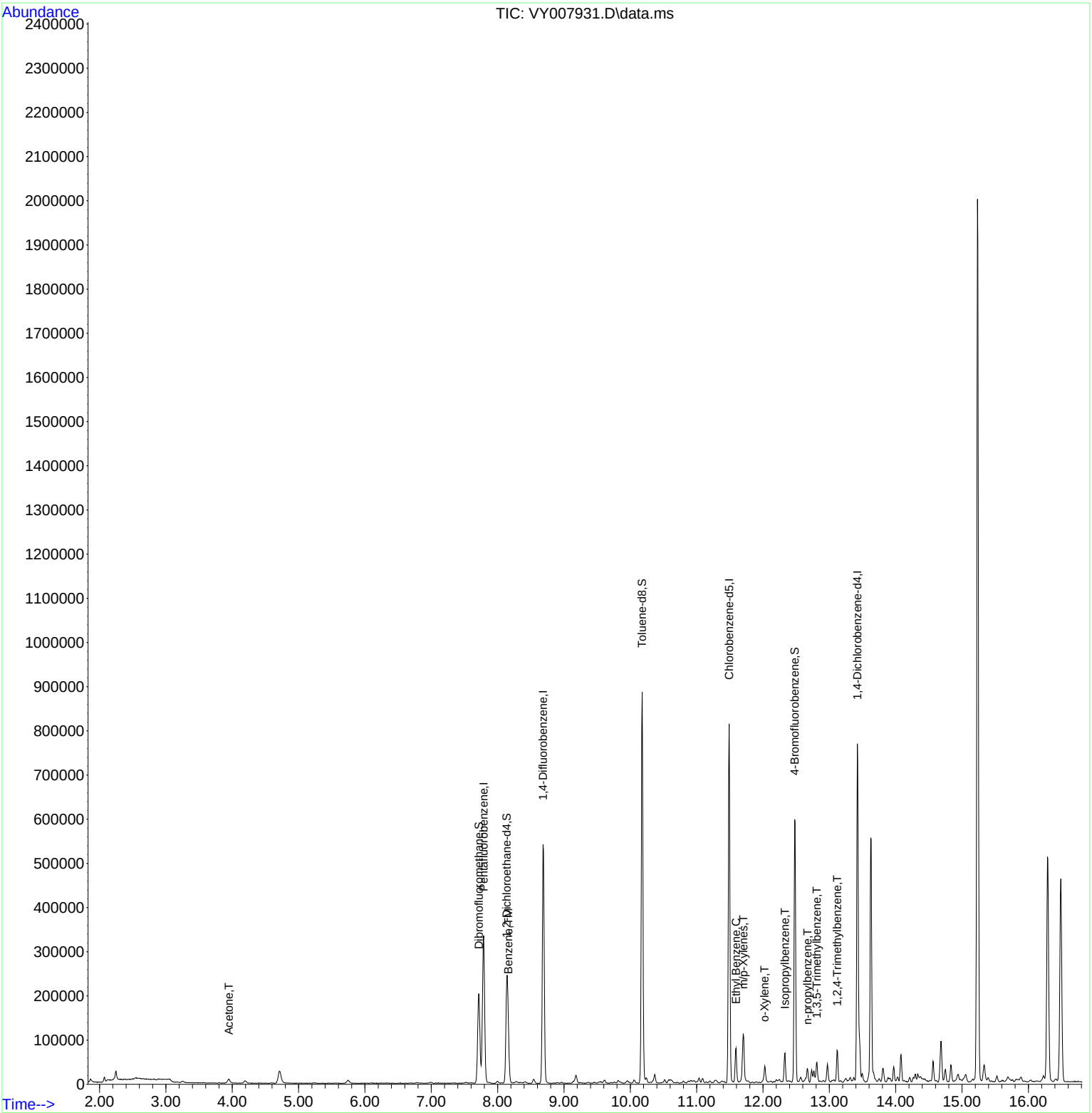
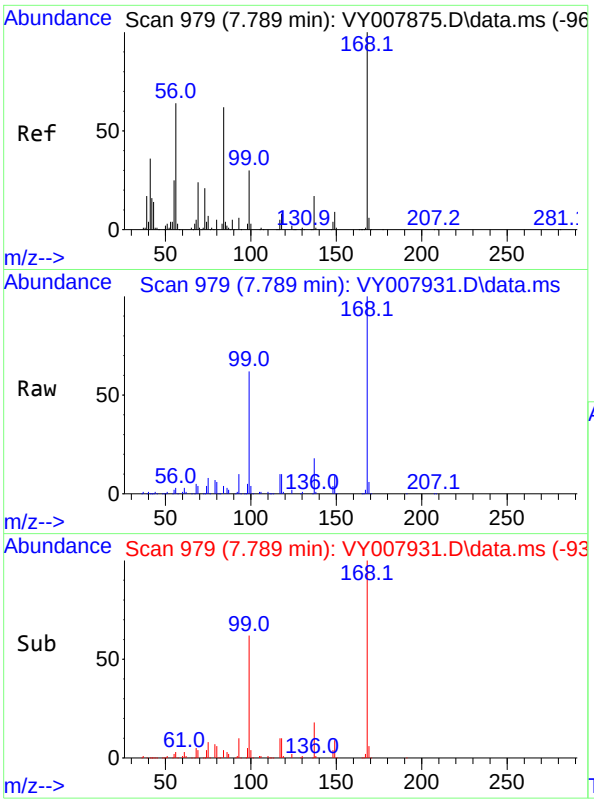


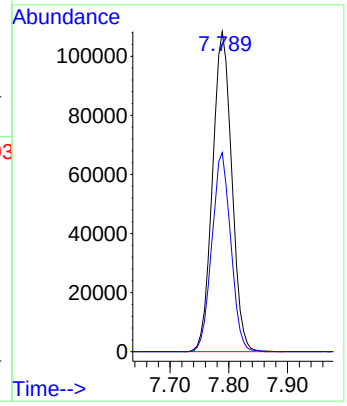


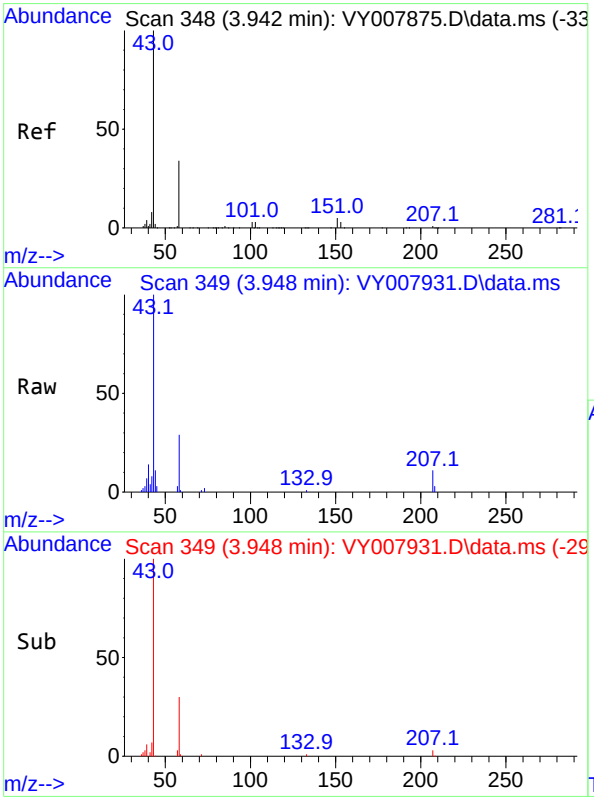
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY007931.D
Acq: 19 Mar 2022 04:00

Instrument :
MSVOA_Y
ClientSampleId :
C-11-10-11

Tgt Ion:168 Resp: 246940

Ion	Ratio	Lower	Upper
168	100		
99	62.2	46.9	70.3

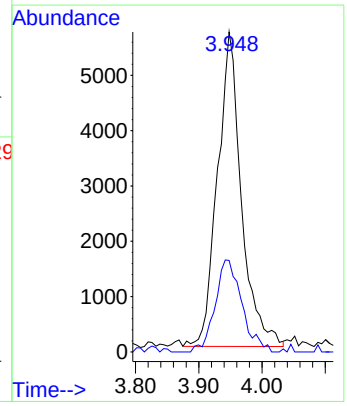


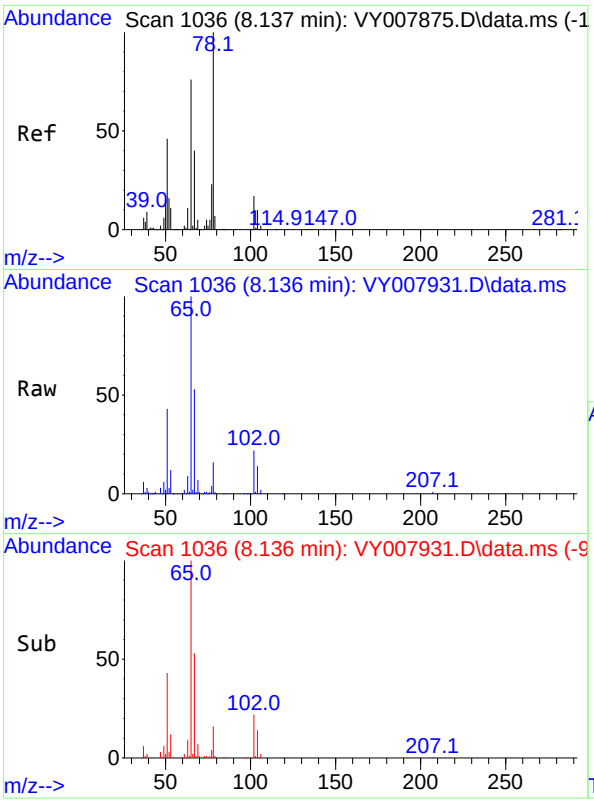


#16
Acetone
Concen: 19.976 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY007931.D
Acq: 19 Mar 2022 04:00

Tgt Ion: 43 Resp: 14921

Ion	Ratio	Lower	Upper
43	100		
58	29.1	22.0	33.0



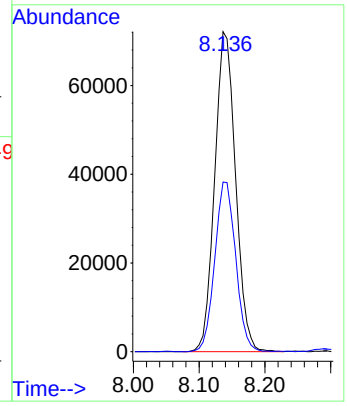


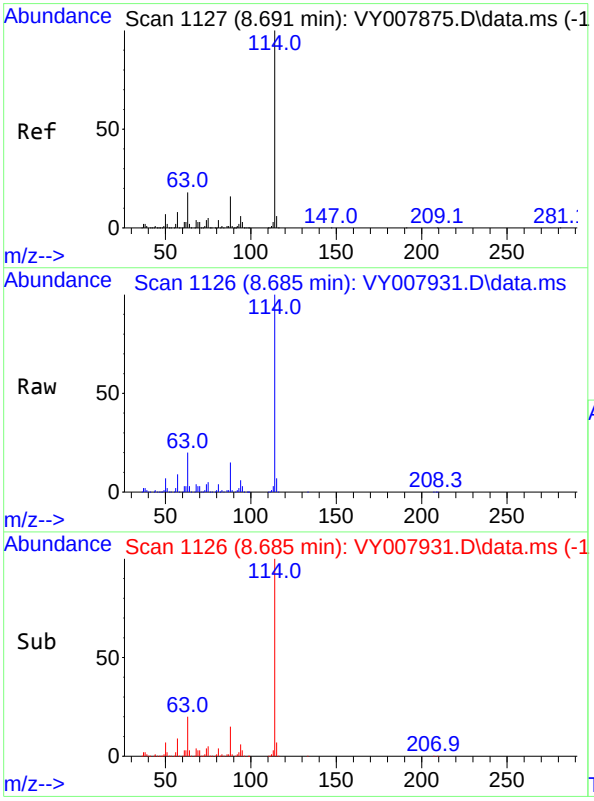
#33
1,2-Dichloroethane-d4
Concen: 56.535 ug/l
RT: 8.136 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007931.D
Acq: 19 Mar 2022 04:00

Instrument :
MSVOA_Y
ClientSampleId :
C-11-10-11

Tgt Ion: 65 Resp: 159179

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	99.4

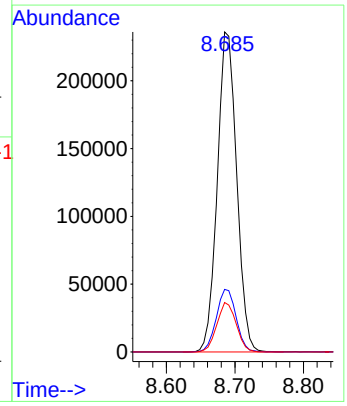


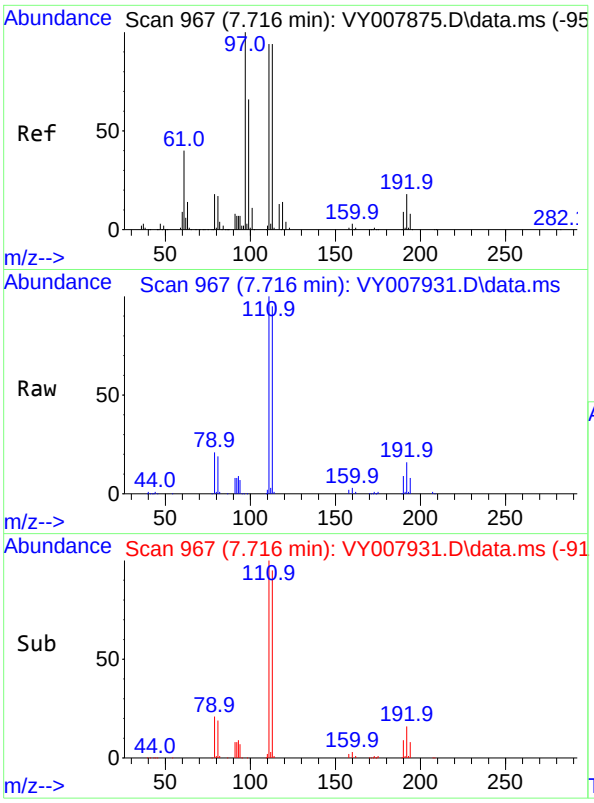


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY007931.D
Acq: 19 Mar 2022 04:00

Tgt Ion:114 Resp: 462459

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	43.2
88	15.5	0.0	31.8



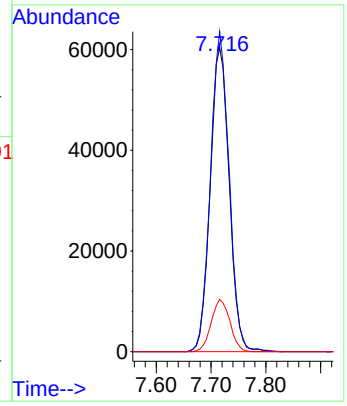


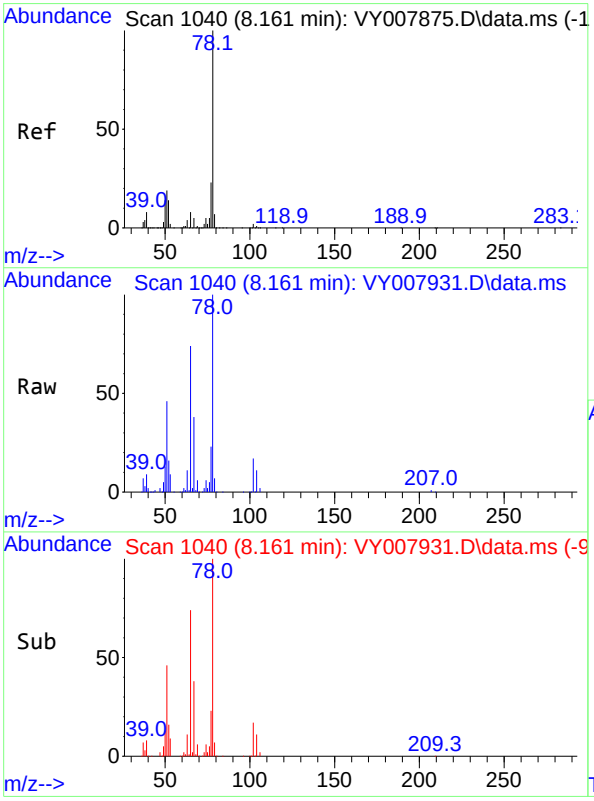
#35
Dibromofluoromethane
Concen: 44.630 ug/l
RT: 7.716 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY007931.D
Acq: 19 Mar 2022 04:00

Instrument :
MSVOA_Y
ClientSampleId :
C-11-10-11

Tgt Ion:113 Resp: 144951

Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.6	124.0
192	16.9	17.6	26.4#

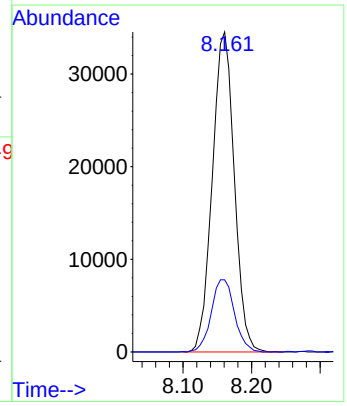


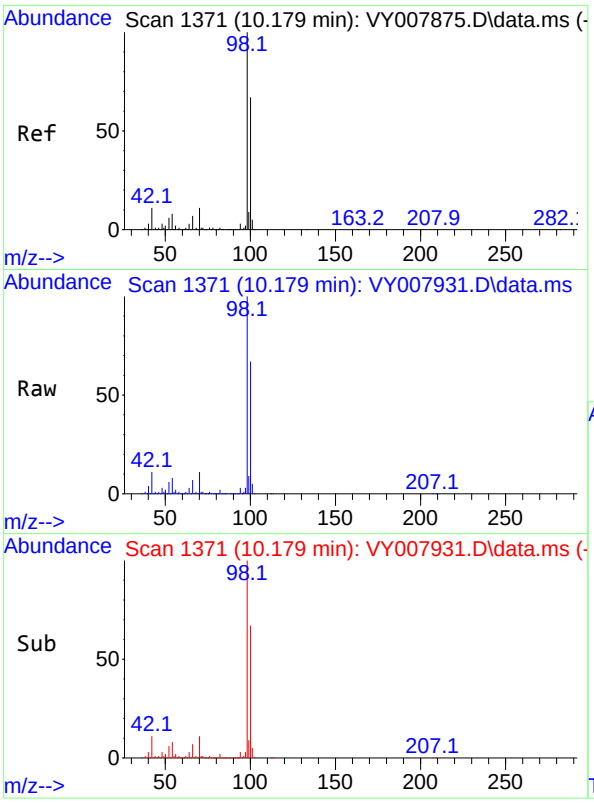


#40
Benzene
Concen: 5.470 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY007931.D
Acq: 19 Mar 2022 04:00

Tgt Ion: 78 Resp: 77001

Ion	Ratio	Lower	Upper
78	100		
77	22.6	20.4	30.6



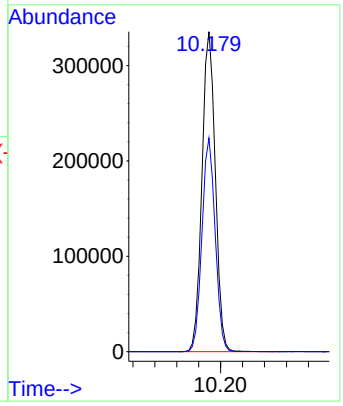


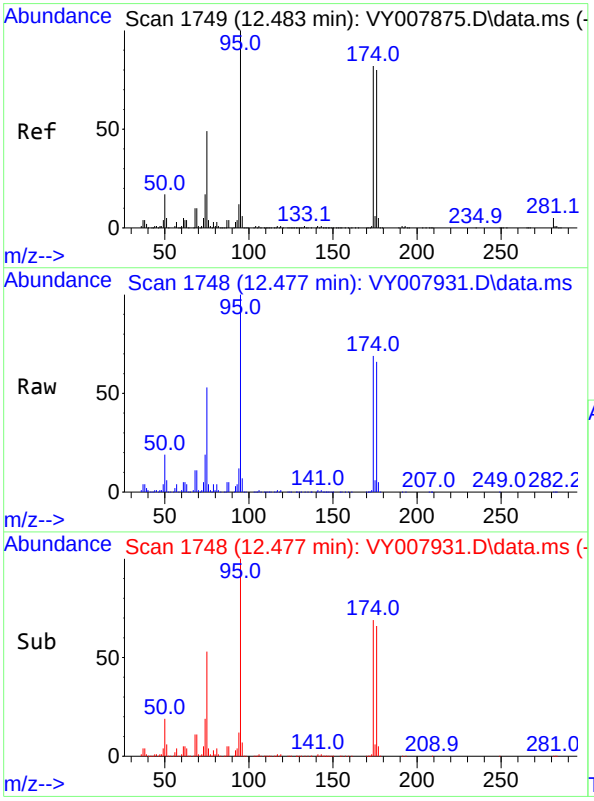
#50
Toluene-d8
Concen: 58.716 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007931.D
Acq: 19 Mar 2022 04:00

Instrument :
MSVOA_Y
ClientSampleId :
C-11-10-11

Tgt Ion: 98 Resp: 565781

Ion	Ratio	Lower	Upper
98	100		
100	66.2	50.2	75.2

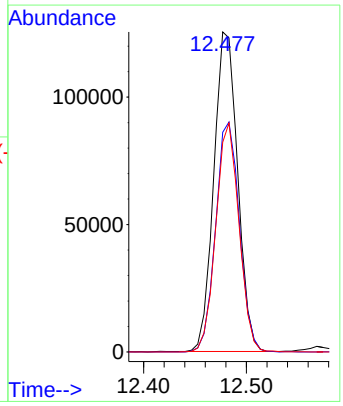


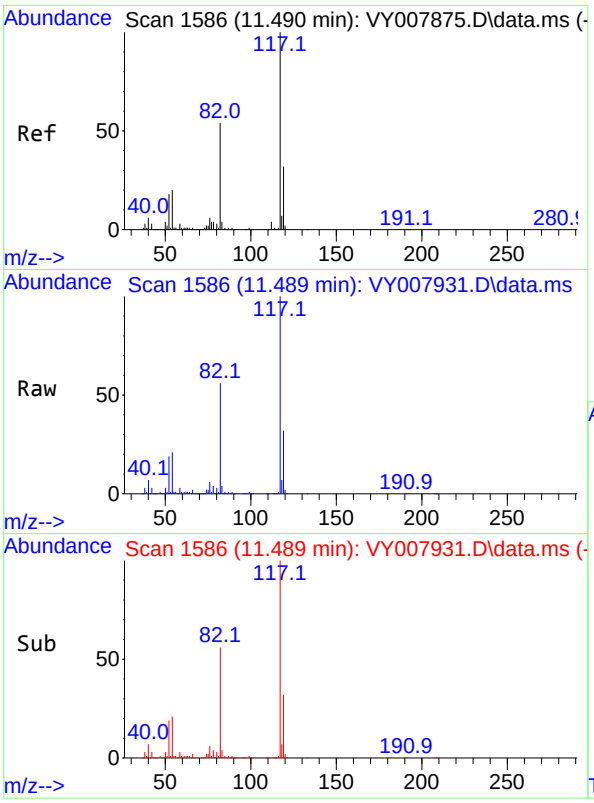


#62
4-Bromofluorobenzene
Concen: 43.314 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007931.D
Acq: 19 Mar 2022 04:00

Tgt Ion: 95 Resp: 201894

Ion	Ratio	Lower	Upper
95	100		
174	71.8	0.0	177.0
176	69.5	0.0	175.8



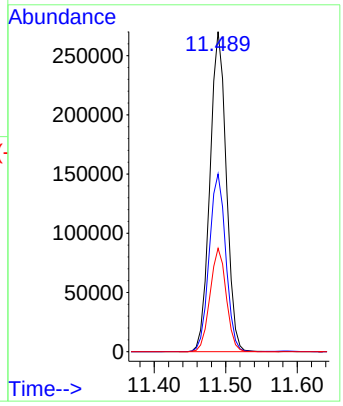


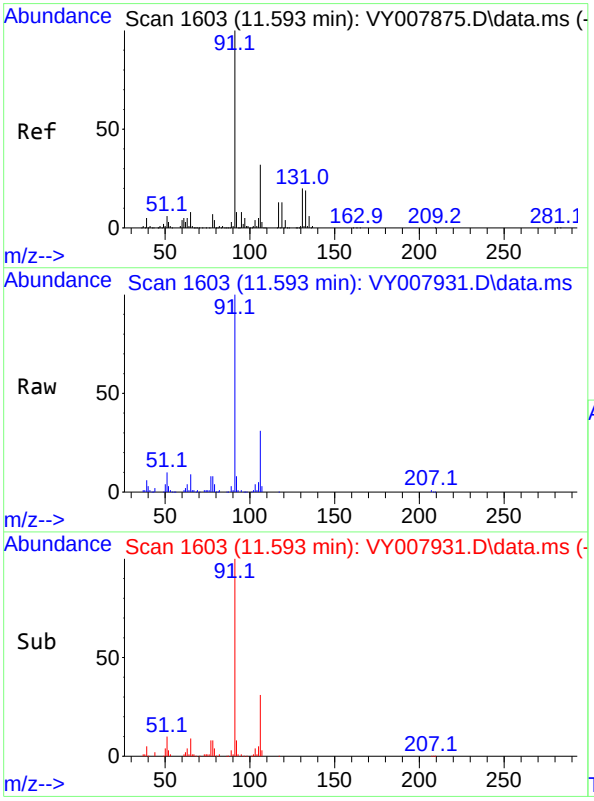
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007931.D
Acq: 19 Mar 2022 04:00

Instrument :
MSVOA_Y
ClientSampleId :
C-11-10-11

Tgt Ion:117 Resp: 428891

Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.0	64.4
119	32.3	25.4	38.0

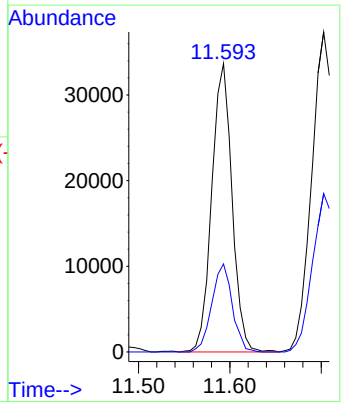


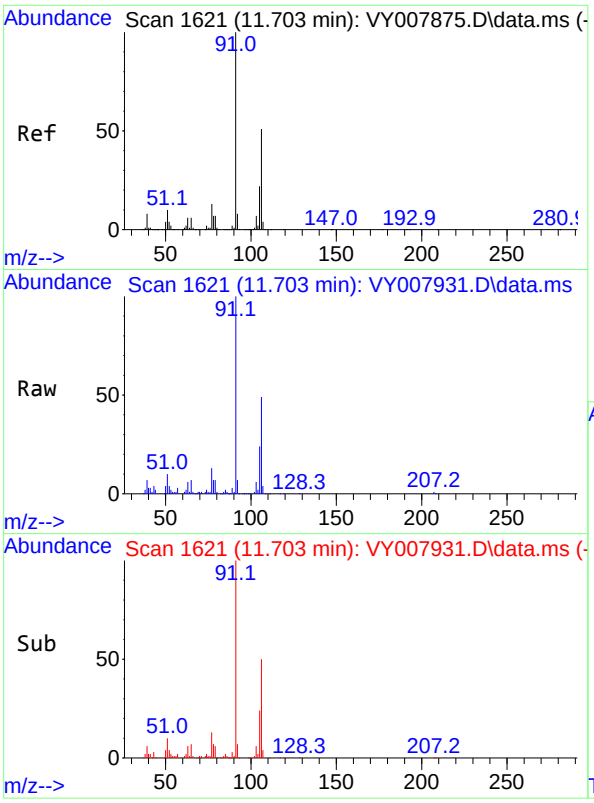


#67
Ethyl Benzene
Concen: 2.835 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY007931.D
Acq: 19 Mar 2022 04:00

Tgt Ion: 91 Resp: 51878

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.5	36.7



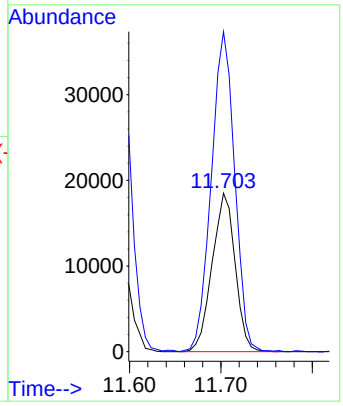


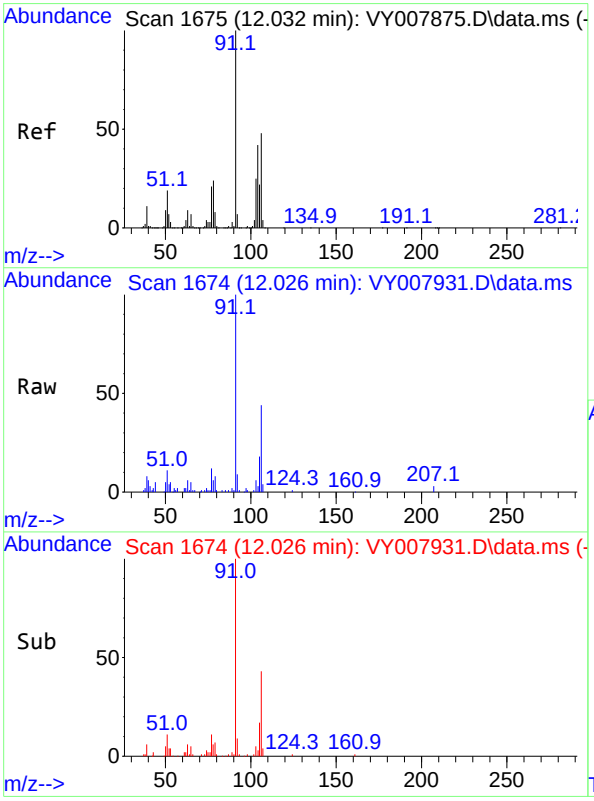
#68
m/p-Xylenes
Concen: 4.526 ug/l
RT: 11.703 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007931.D
Acq: 19 Mar 2022 04:00

Instrument :
MSVOA_Y
ClientSampleId :
C-11-10-11

Tgt Ion:106 Resp: 32311

Ion	Ratio	Lower	Upper
106	100		
91	205.8	166.6	249.8

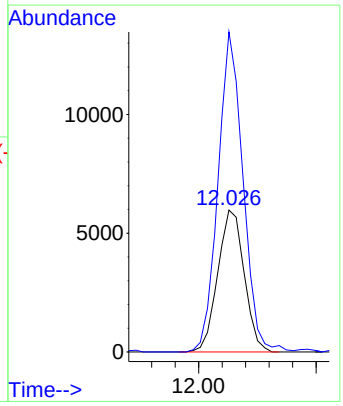


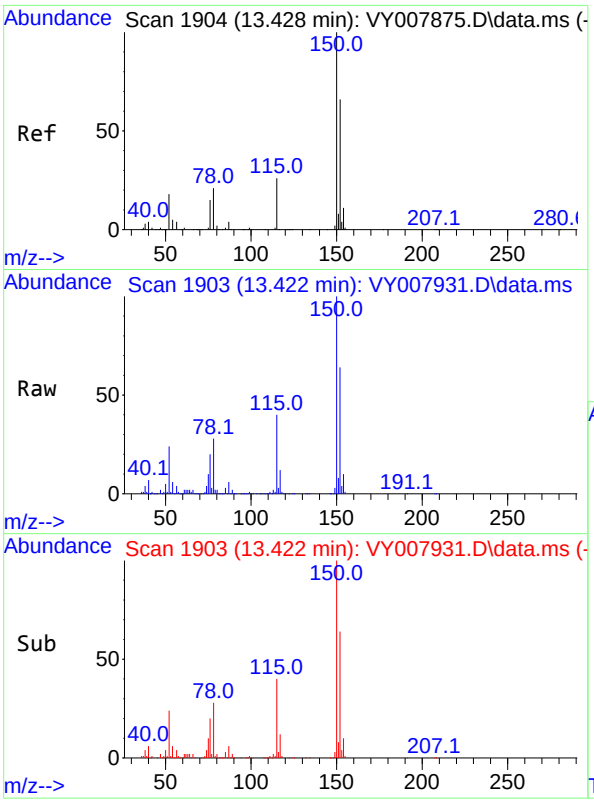


#69
o-Xylene
Concen: 1.352 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY007931.D
Acq: 19 Mar 2022 04:00

Tgt Ion:106 Resp: 9339

Ion	Ratio	Lower	Upper
106	100		
91	213.0	110.3	331.0



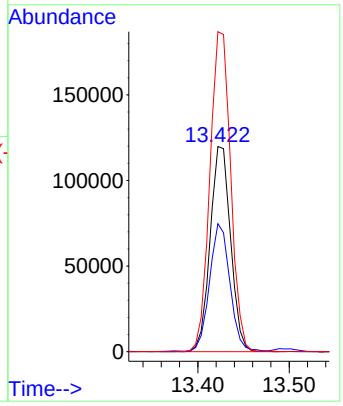


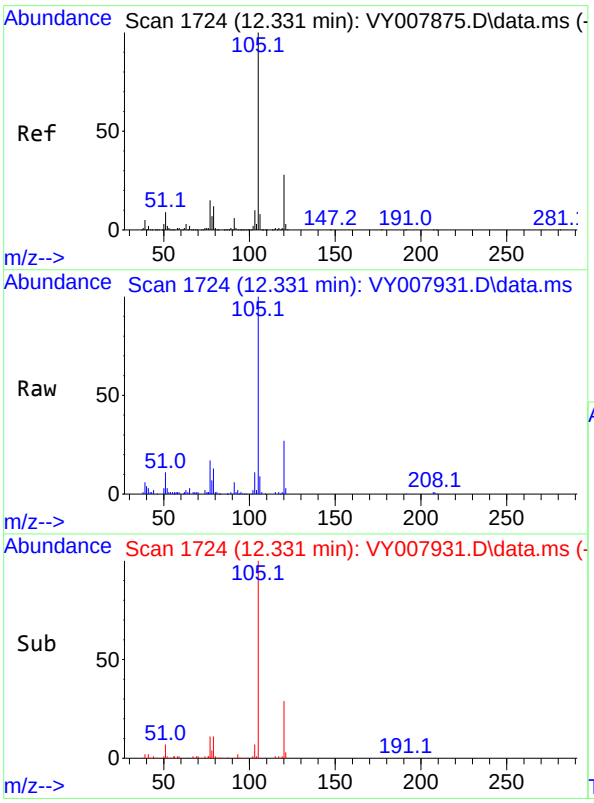
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007931.D
Acq: 19 Mar 2022 04:00

Instrument :
MSVOA_Y
ClientSampleId :
C-11-10-11

Tgt Ion:152 Resp: 186061

Ion	Ratio	Lower	Upper
152	100		
115	61.4	28.2	84.7
150	158.3	0.0	347.6

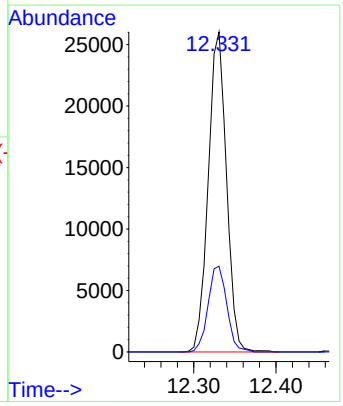


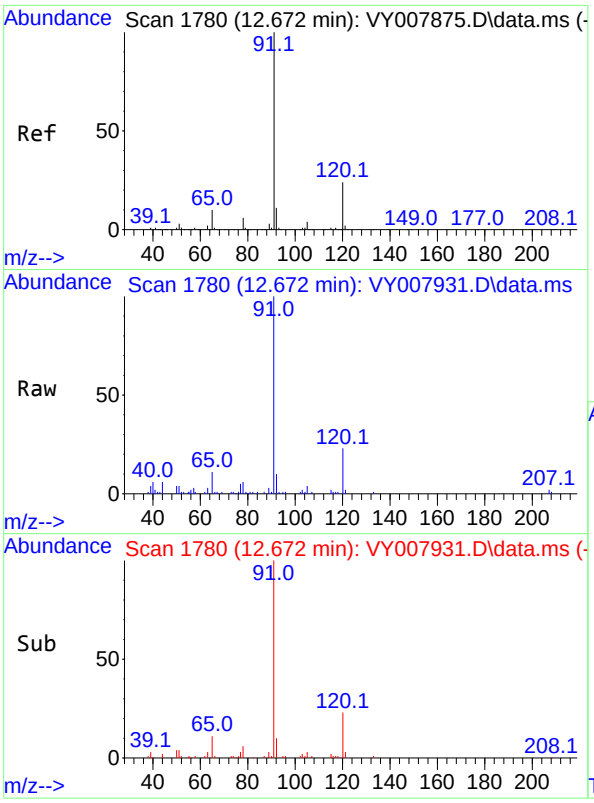


#73
Isopropylbenzene
Concen: 2.445 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY007931.D
Acq: 19 Mar 2022 04:00

Tgt Ion:105 Resp: 40048

Ion	Ratio	Lower	Upper
105	100		
120	27.5	13.4	40.2



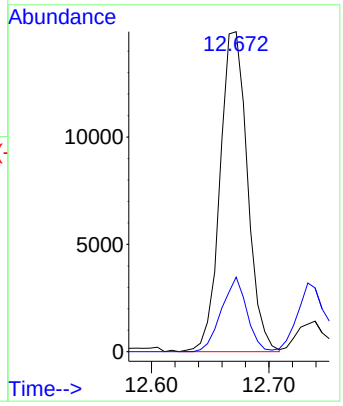


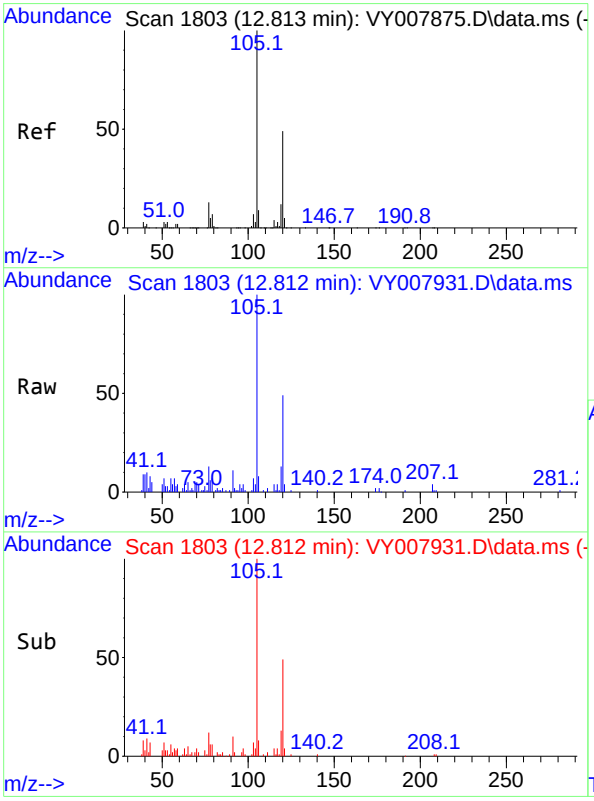
#78
n-propylbenzene
Concen: 1.223 ug/l
RT: 12.672 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007931.D
Acq: 19 Mar 2022 04:00

Instrument :
MSVOA_Y
ClientSampleId :
C-11-10-11

Tgt Ion: 91 Resp: 24179

Ion	Ratio	Lower	Upper
91	100		
120	21.6	11.3	33.9

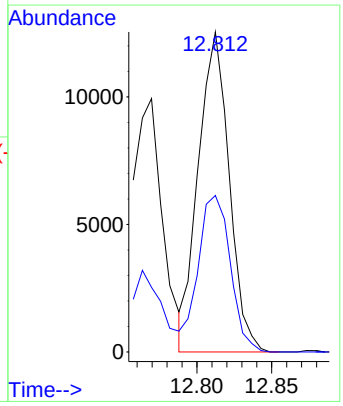


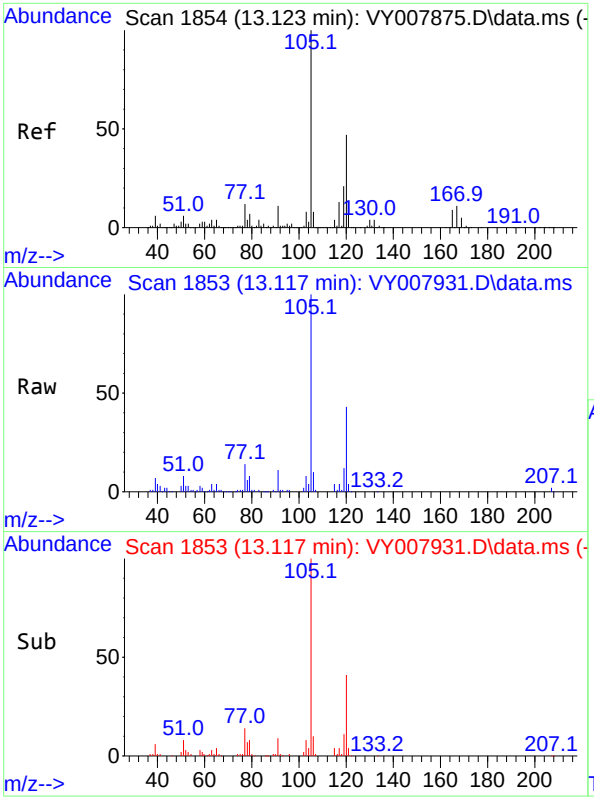


#80
1,3,5-Trimethylbenzene
Concen: 1.333 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY007931.D
Acq: 19 Mar 2022 04:00

Tgt Ion:105 Resp: 17956

Ion	Ratio	Lower	Upper
105	100		
120	51.1	24.4	73.4





#84
1,2,4-Trimethylbenzene
Concen: 2.967 ug/l
RT: 13.117 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007931.D
Acq: 19 Mar 2022 04:00

Instrument :
MSVOA_Y
ClientSampleId :
C-11-10-11

Tgt Ion:105 Resp: 39175

Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.3	66.9