Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020222\
Data File : VY007356.D
Acq On : 02 Feb 2022 15:58
Operator : SY/MD
Sample : N1303-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CC-5

Quant Time: Feb 02 16:37:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y02022221S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 02 16:01:48 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	111830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	211817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	198011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	85165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	66573	51.755	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.500%			
35) Dibromofluoromethane	7.716	113	59414	43.682	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 87.360%			
50) Toluene-d8	10.179	98	256666	51.077	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.160%			
62) 4-Bromofluorobenzene	12.483	95	89432	52.361	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.720%			
Target Compounds						Qvalue
16) Acetone	3.948	43	13032	31.195	ug/l	93
68) m/p-Xylenes	11.697	106	13372	4.319	ug/l	95
69) o-Xylene	12.026	106	5810	1.985	ug/l	97
78) n-propylbenzene	12.672	91	11850	1.257	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	42378	6.674	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	151290	24.200	ug/l	99
86) p-Isopropyltoluene	13.367	119	10934	1.619	ug/l	98
89) n-Butylbenzene	13.696	91	8473	1.303	ug/l #	71
95) Naphthalene	15.233	128	54627	15.864	ug/l	98

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

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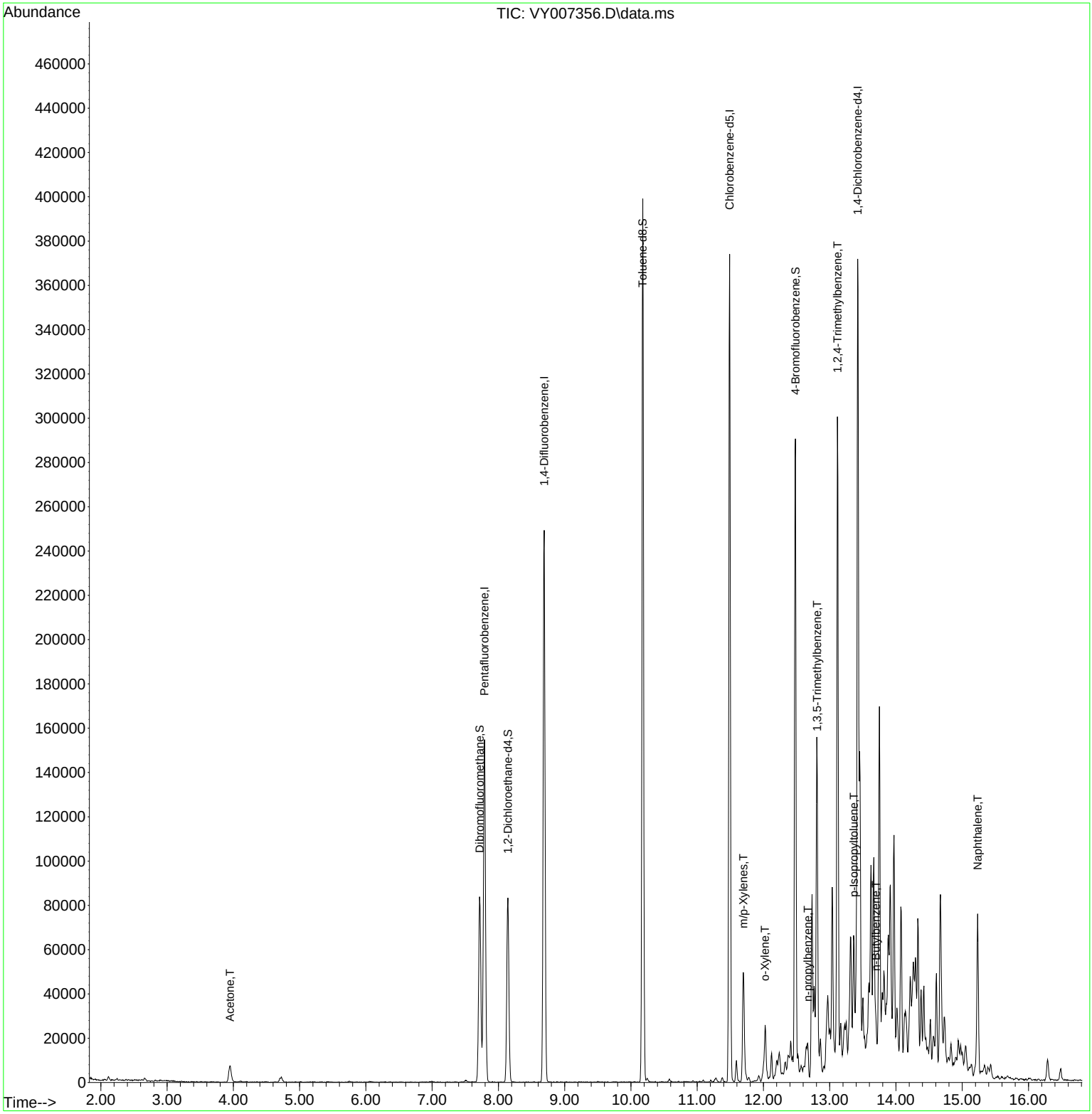
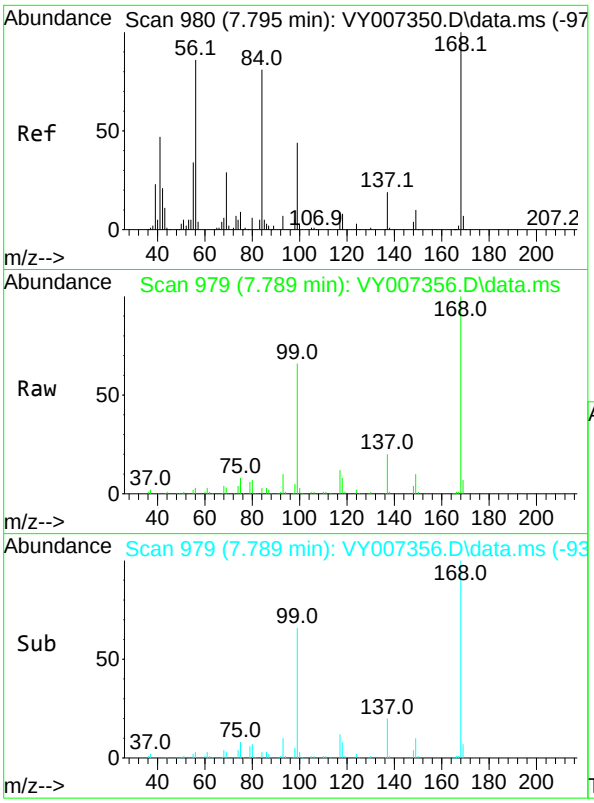


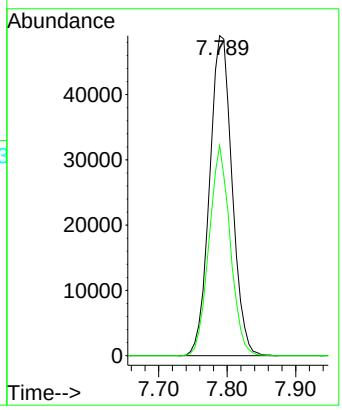


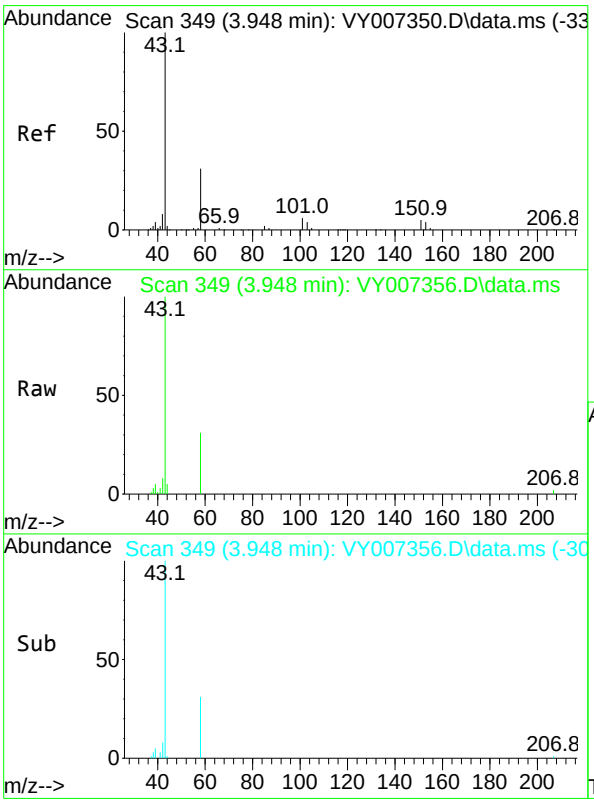
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY007356.D
Acq: 02 Feb 2022 15:58

Instrument :
MSVOA_Y
ClientSampleId :
CC-5

Tgt Ion:168 Resp: 111830

Ion	Ratio	Lower	Upper
168	100		
99	65.7	46.9	70.3

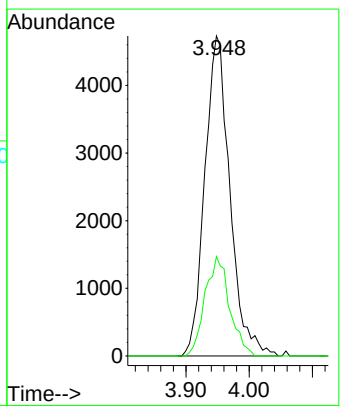


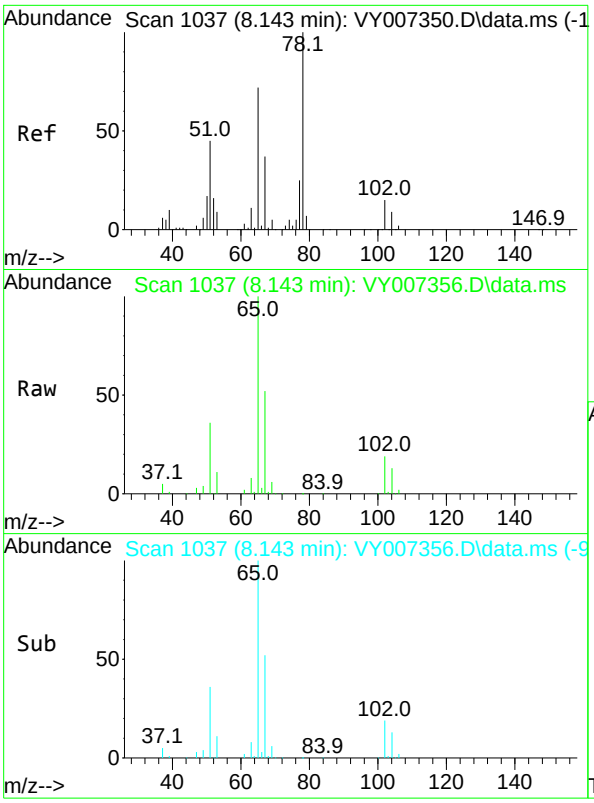


#16
Acetone
Concen: 31.195 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007356.D
Acq: 02 Feb 2022 15:58

Tgt Ion: 43 Resp: 13032

Ion	Ratio	Lower	Upper
43	100		
58	31.1	22.0	33.0



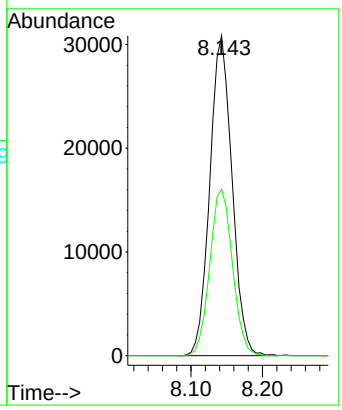


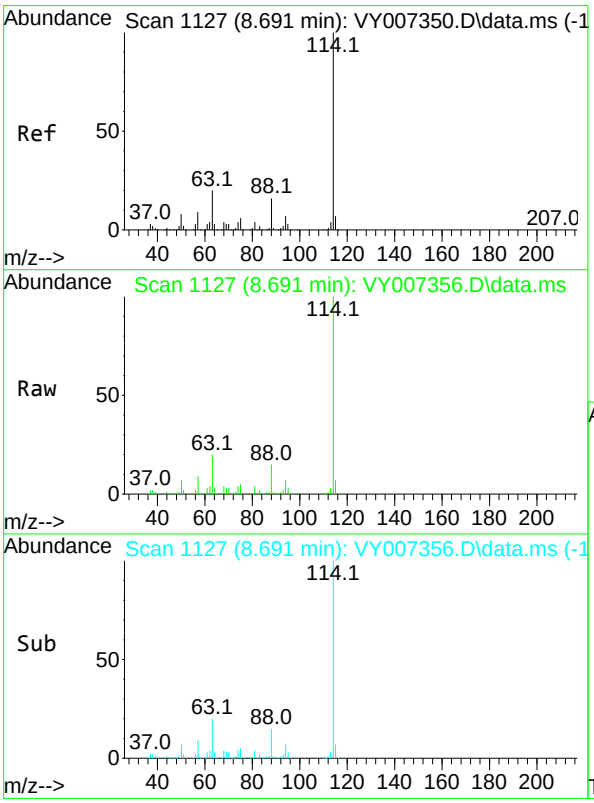
#33
1,2-Dichloroethane-d4
Concen: 51.755 ug/l
RT: 8.143 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007356.D
Acq: 02 Feb 2022 15:58

Instrument :
MSVOA_Y
ClientSampleId :
CC-5

Tgt Ion: 65 Resp: 66573

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	99.4

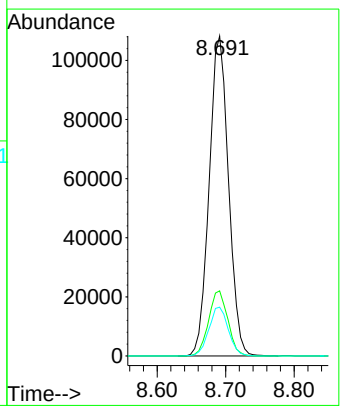


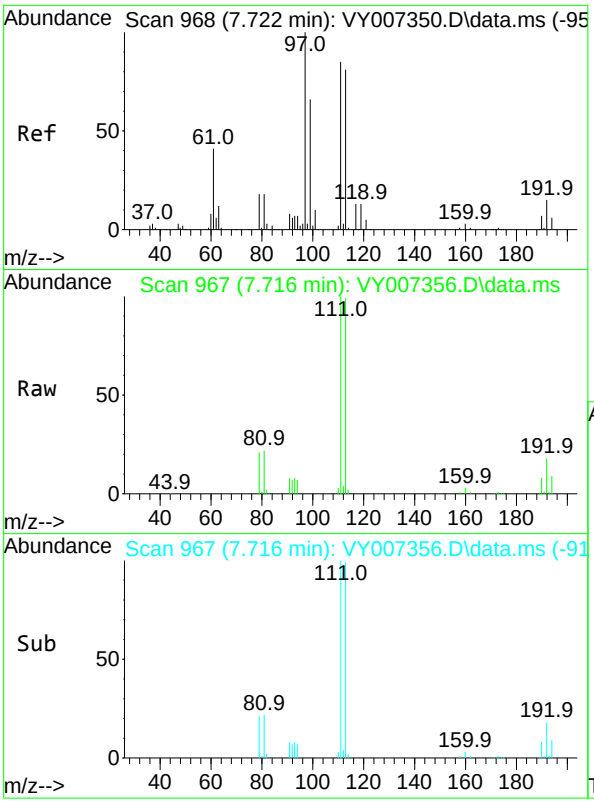


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007356.D
Acq: 02 Feb 2022 15:58

Tgt Ion:114 Resp: 211817

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	43.2
88	15.3	0.0	31.8



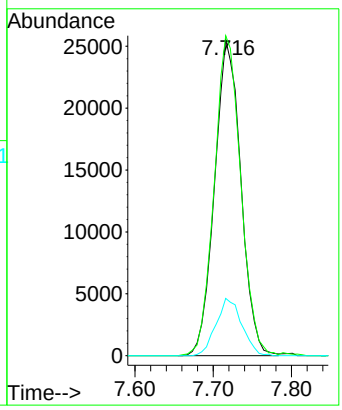


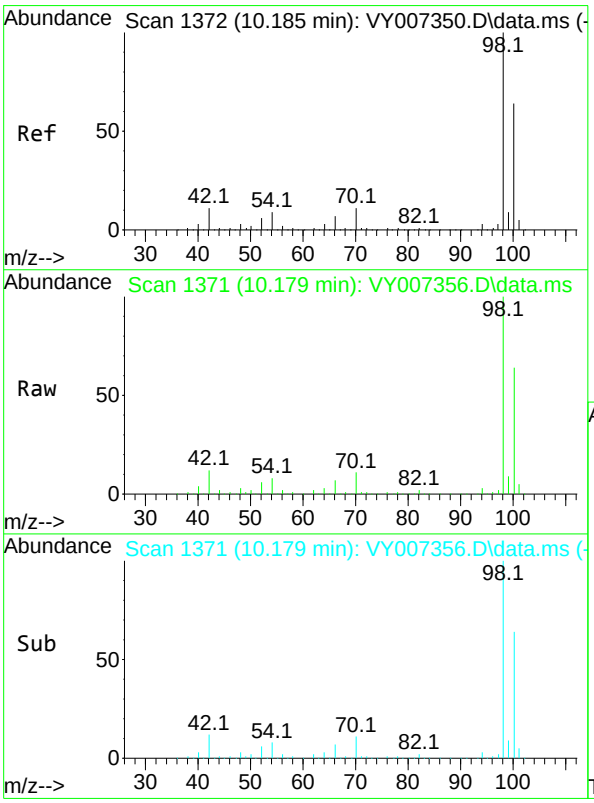
#35
Dibromofluoromethane
Concen: 43.682 ug/l
RT: 7.716 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY007356.D
Acq: 02 Feb 2022 15:58

Instrument :
MSVOA_Y
ClientSampleId :
CC-5

Tgt Ion:113 Resp: 59414

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	124.0
192	17.8	17.6	26.4

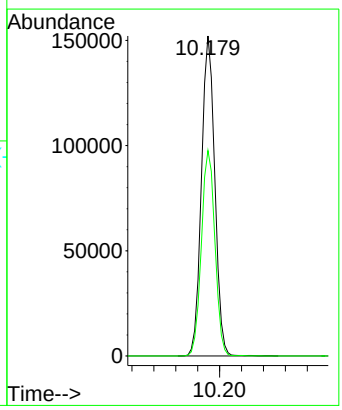


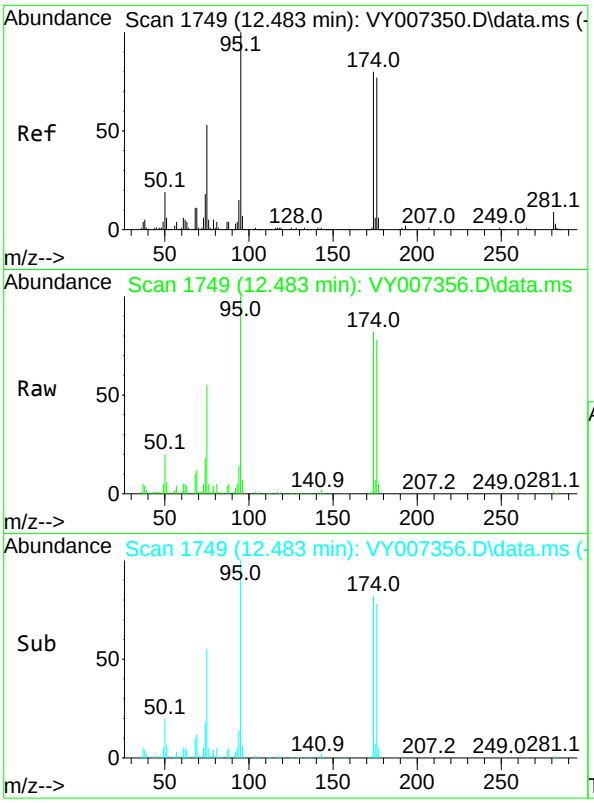


#50
Toluene-d8
Concen: 51.077 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY007356.D
Acq: 02 Feb 2022 15:58

Tgt Ion: 98 Resp: 256666

Ion	Ratio	Lower	Upper
98	100		
100	65.0	50.2	75.2



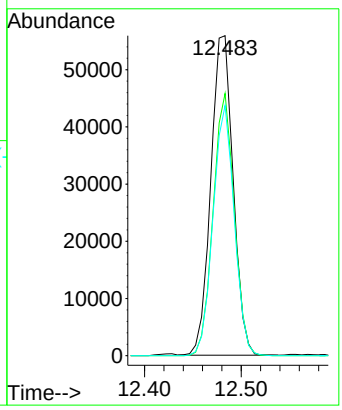


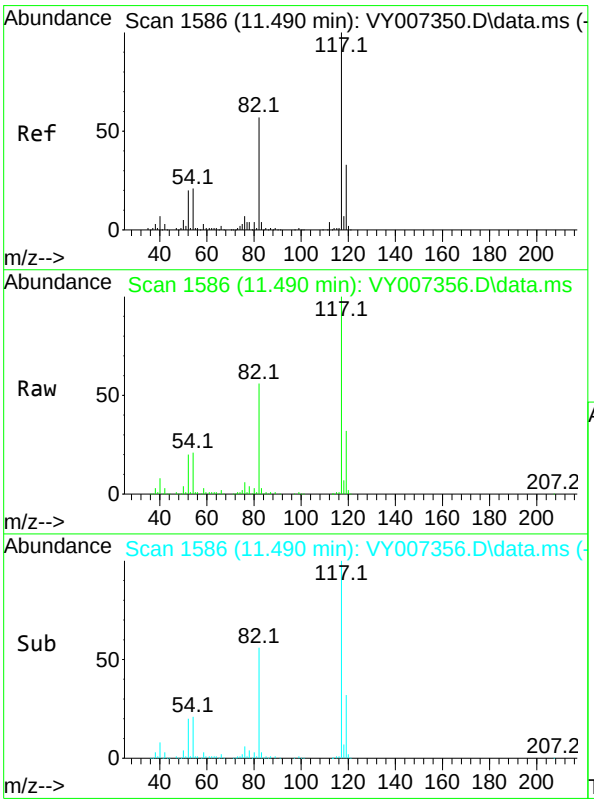
#62
4-Bromofluorobenzene
Concen: 52.361 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007356.D
Acq: 02 Feb 2022 15:58

Instrument :
MSVOA_Y
ClientSampleId :
CC-5

Tgt Ion: 95 Resp: 89432

Ion	Ratio	Lower	Upper
95	100		
174	77.7	0.0	177.0
176	74.5	0.0	175.8

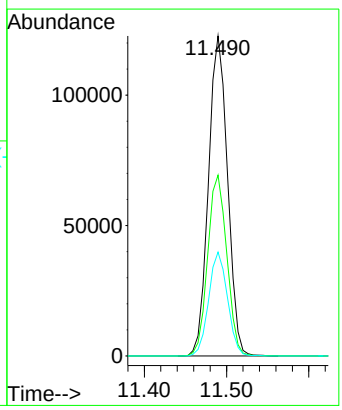


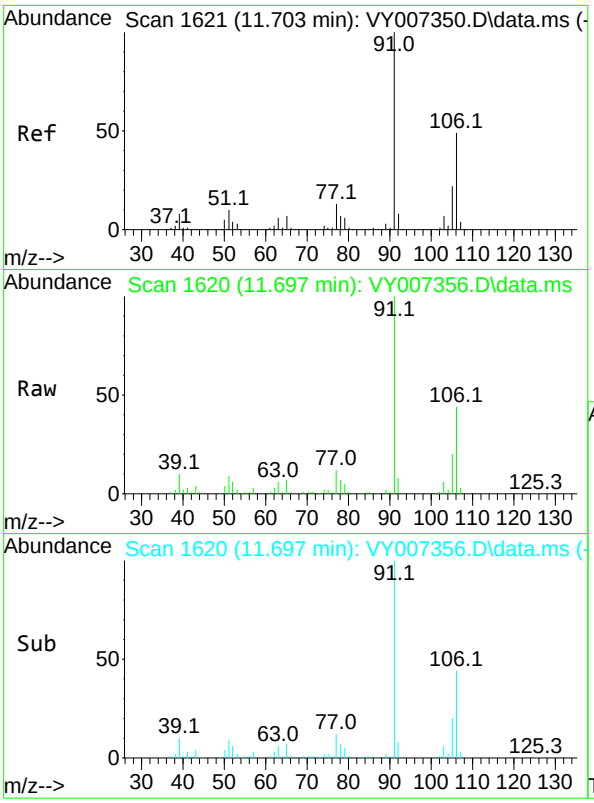


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007356.D
Acq: 02 Feb 2022 15:58

Tgt Ion:117 Resp: 198011

Ion	Ratio	Lower	Upper
117	100		
82	56.5	43.0	64.4
119	32.4	25.4	38.0



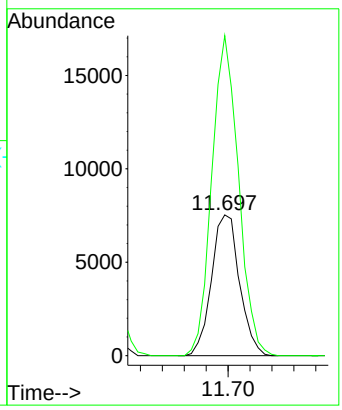


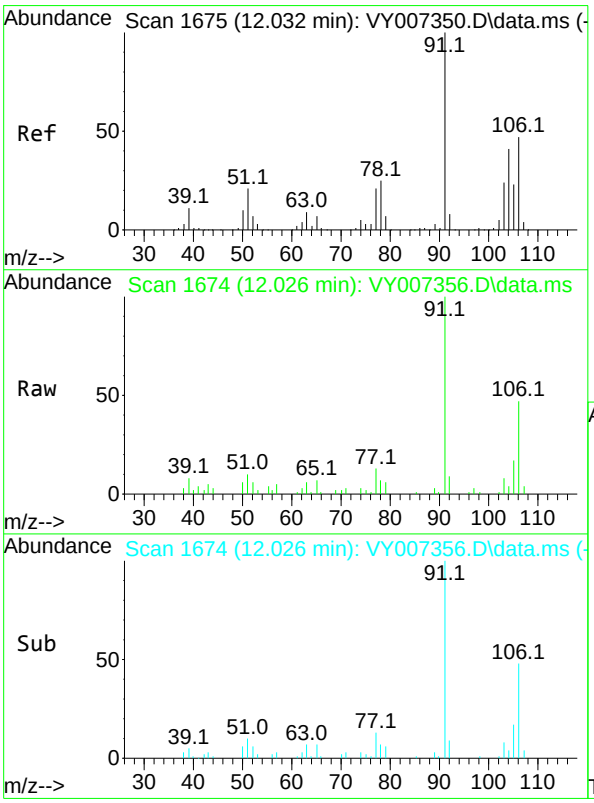
#68
m/p-Xylenes
Concen: 4.319 ug/l
RT: 11.697 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007356.D
Acq: 02 Feb 2022 15:58

Instrument :
MSVOA_Y
ClientSampleId :
CC-5

Tgt Ion:106 Resp: 13372

Ion	Ratio	Lower	Upper
106	100		
91	216.5	166.6	249.8

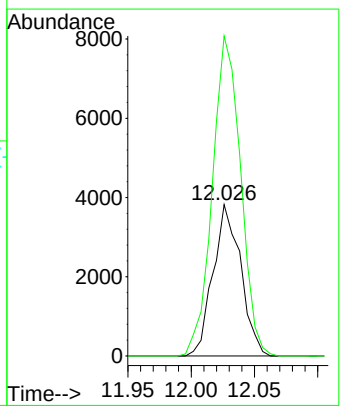


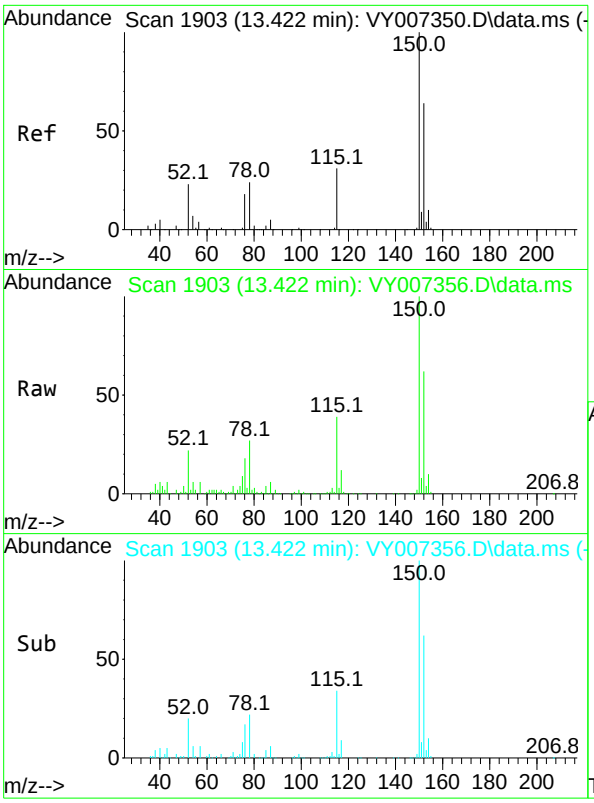


#69
o-Xylene
Concen: 1.985 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY007356.D
Acq: 02 Feb 2022 15:58

Tgt Ion:106 Resp: 5810

Ion	Ratio	Lower	Upper
106	100		
91	216.2	110.3	331.0



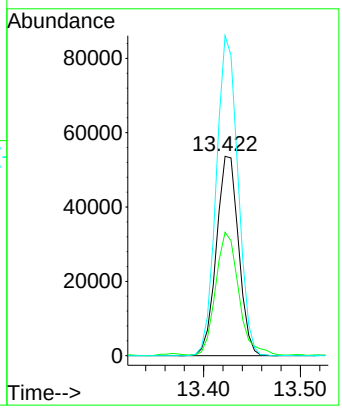


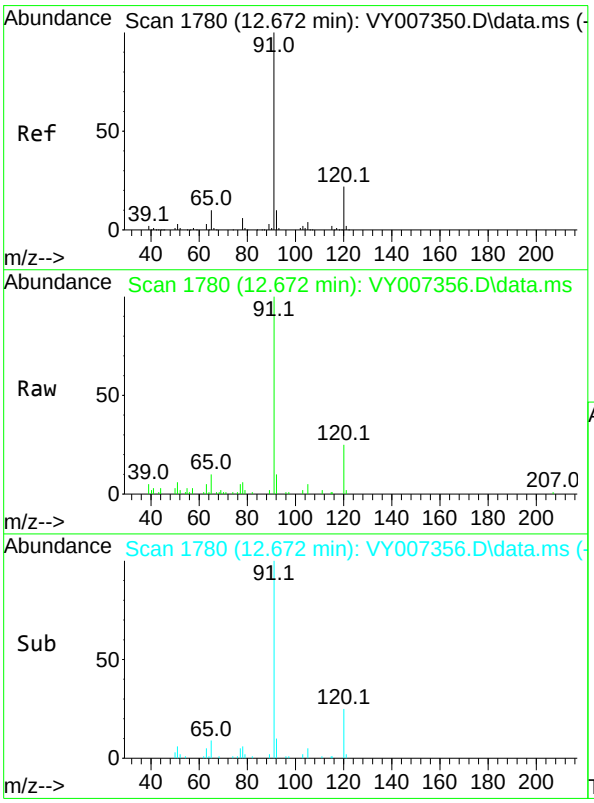
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007356.D
Acq: 02 Feb 2022 15:58

Instrument :
MSVOA_Y
ClientSampleId :
CC-5

Tgt Ion:152 Resp: 85165

Ion	Ratio	Lower	Upper
152	100		
115	63.9	28.2	84.7
150	156.8	0.0	347.6

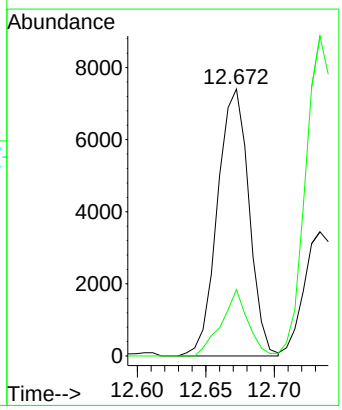


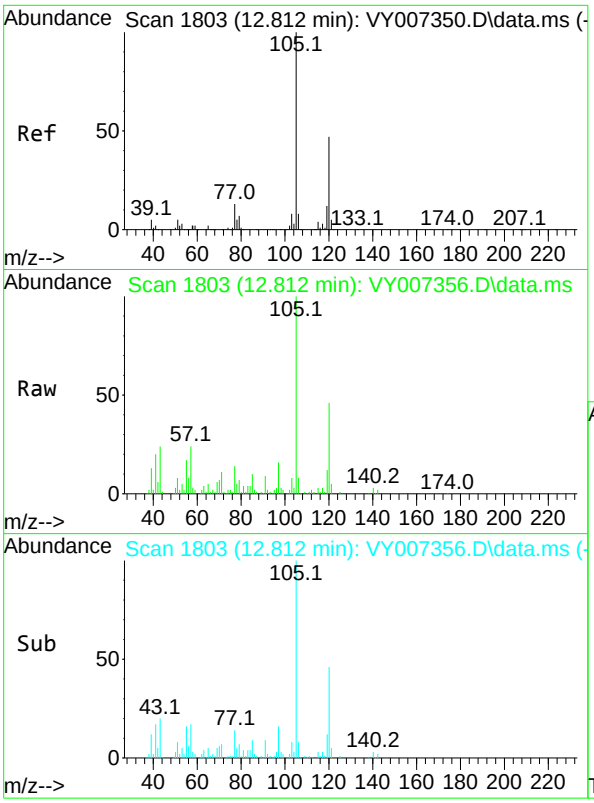


#78
n-propylbenzene
Concen: 1.257 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY007356.D
Acq: 02 Feb 2022 15:58

Tgt Ion: 91 Resp: 11850

Ion	Ratio	Lower	Upper
91	100		
120	20.9	11.3	33.9



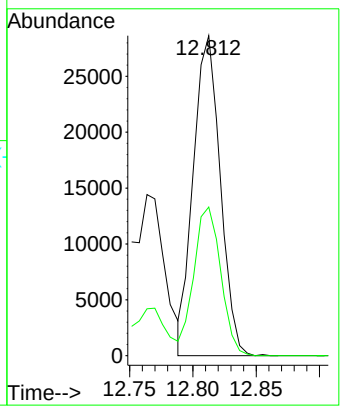


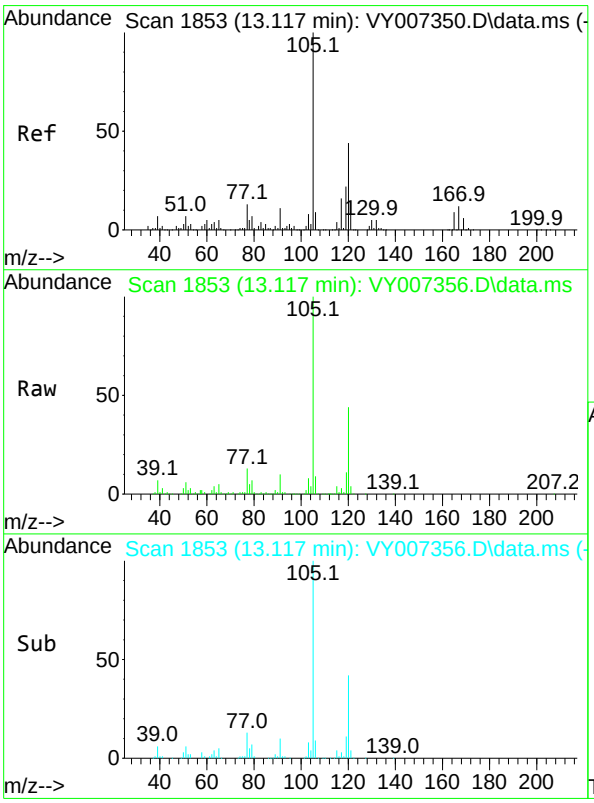
#80
1,3,5-Trimethylbenzene
Concen: 6.674 ug/l
RT: 12.812 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007356.D
Acq: 02 Feb 2022 15:58

Instrument :
MSVOA_Y
ClientSampleId :
CC-5

Tgt Ion:105 Resp: 42378

Ion	Ratio	Lower	Upper
105	100		
120	46.5	24.4	73.4

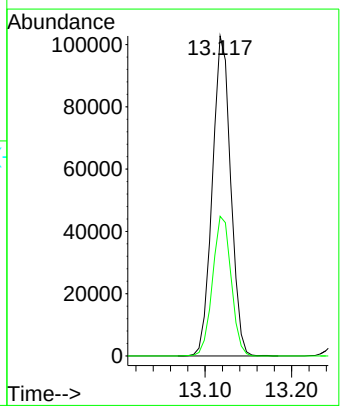


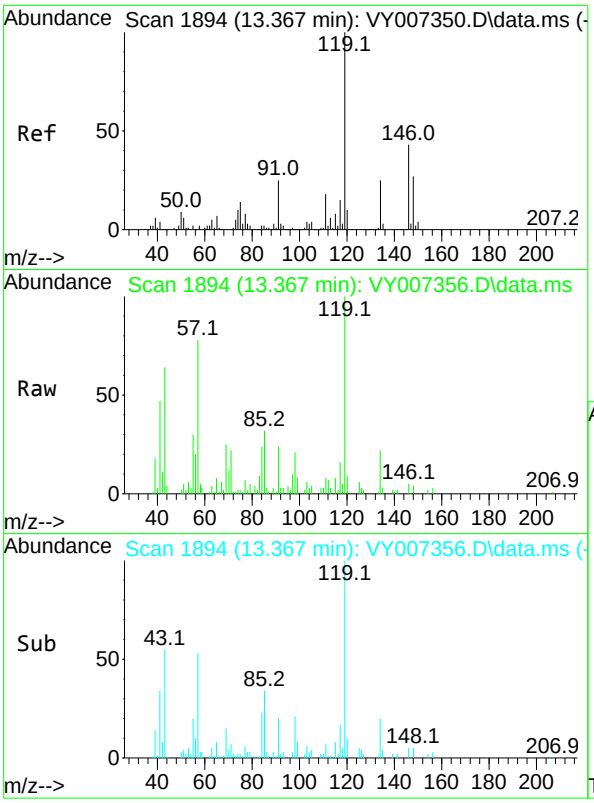


#84
1,2,4-Trimethylbenzene
Concen: 24.200 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007356.D
Acq: 02 Feb 2022 15:58

Tgt Ion:105 Resp: 151290

Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.3	66.9



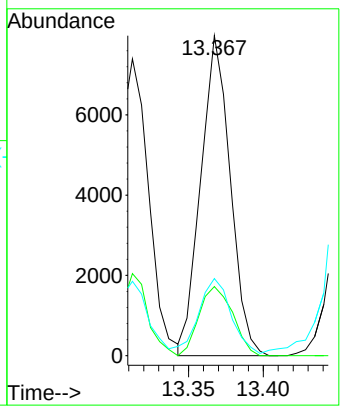


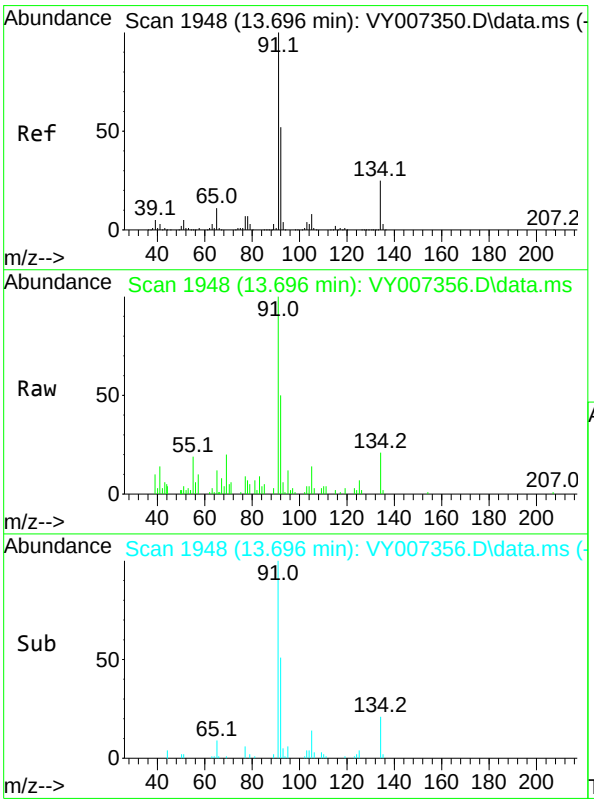
#86
p-Isopropyltoluene
Concen: 1.619 ug/l
RT: 13.367 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007356.D
Acq: 02 Feb 2022 15:58

Instrument :
MSVOA_Y
ClientSampleId :
CC-5

Tgt Ion:119 Resp: 10934

Ion	Ratio	Lower	Upper
119	100		
134	24.6	13.2	39.5
91	25.5	12.4	37.2

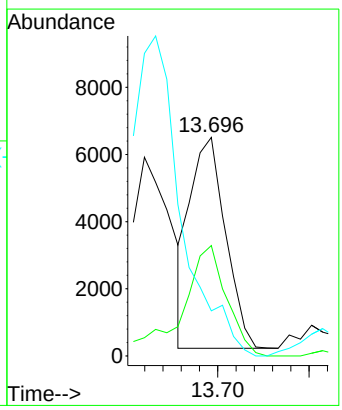


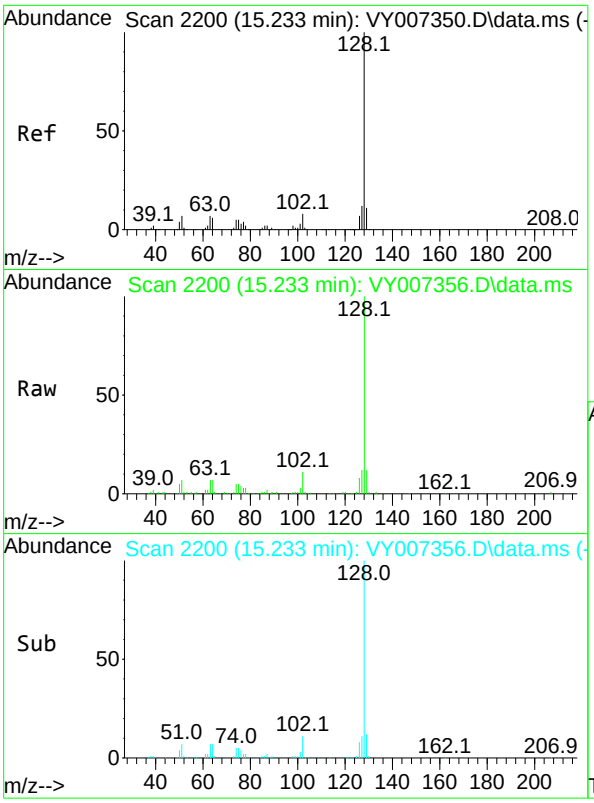


#89
n-Butylbenzene
Concen: 1.303 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY007356.D
Acq: 02 Feb 2022 15:58

Tgt Ion: 91 Resp: 8473

Ion	Ratio	Lower	Upper
91	100		
92	65.9	26.3	78.9
134	0.0	13.0	38.9#





#95
Naphthalene
Concen: 15.864 ug/l
RT: 15.233 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY007356.D
Acq: 02 Feb 2022 15:58

Instrument :
MSVOA_Y
ClientSampleId :
CC-5

Tgt Ion:128 Resp: 54627

Ion	Ratio	Lower	Upper
128	100		
127	13.0	11.0	16.4
129	11.4	8.4	12.6