Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020222\
Data File : VY007359.D
Acq On : 02 Feb 2022 17:09
Operator : SY/MD
Sample : N1303-09
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CC-9

Quant Time: Feb 02 17:25:21 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	113654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	214110	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	203572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	87349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	70277	53.757	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.520%			
35) Dibromofluoromethane	7.716	113	49061	35.684	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 71.360%			
50) Toluene-d8	10.179	98	263712	51.917	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.840%			
62) 4-Bromofluorobenzene	12.477	95	93905	54.391	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.780%			
Target Compounds						Qvalue
16) Acetone	3.948	43	36191	85.240	ug/l	97
67) Ethyl Benzene	11.587	91	75602	8.798	ug/l	98
68) m/p-Xylenes	11.697	106	161153	50.632	ug/l	99
69) o-Xylene	12.026	106	67125	22.306	ug/l	99
73) Isopropylbenzene	12.325	105	26664	3.340	ug/l	99
78) n-propylbenzene	12.672	91	100018	10.344	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	255202	39.187	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	873850	136.281	ug/l	100
86) p-Isopropyltoluene	13.367	119	38754	5.594	ug/l	99
89) n-Butylbenzene	13.690	91	26898	4.034	ug/l #	66
95) Naphthalene	15.233	128	203126	57.514	ug/l	99

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

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Instrument :
MSVOA_Y
ClientSampleId :
CC-9

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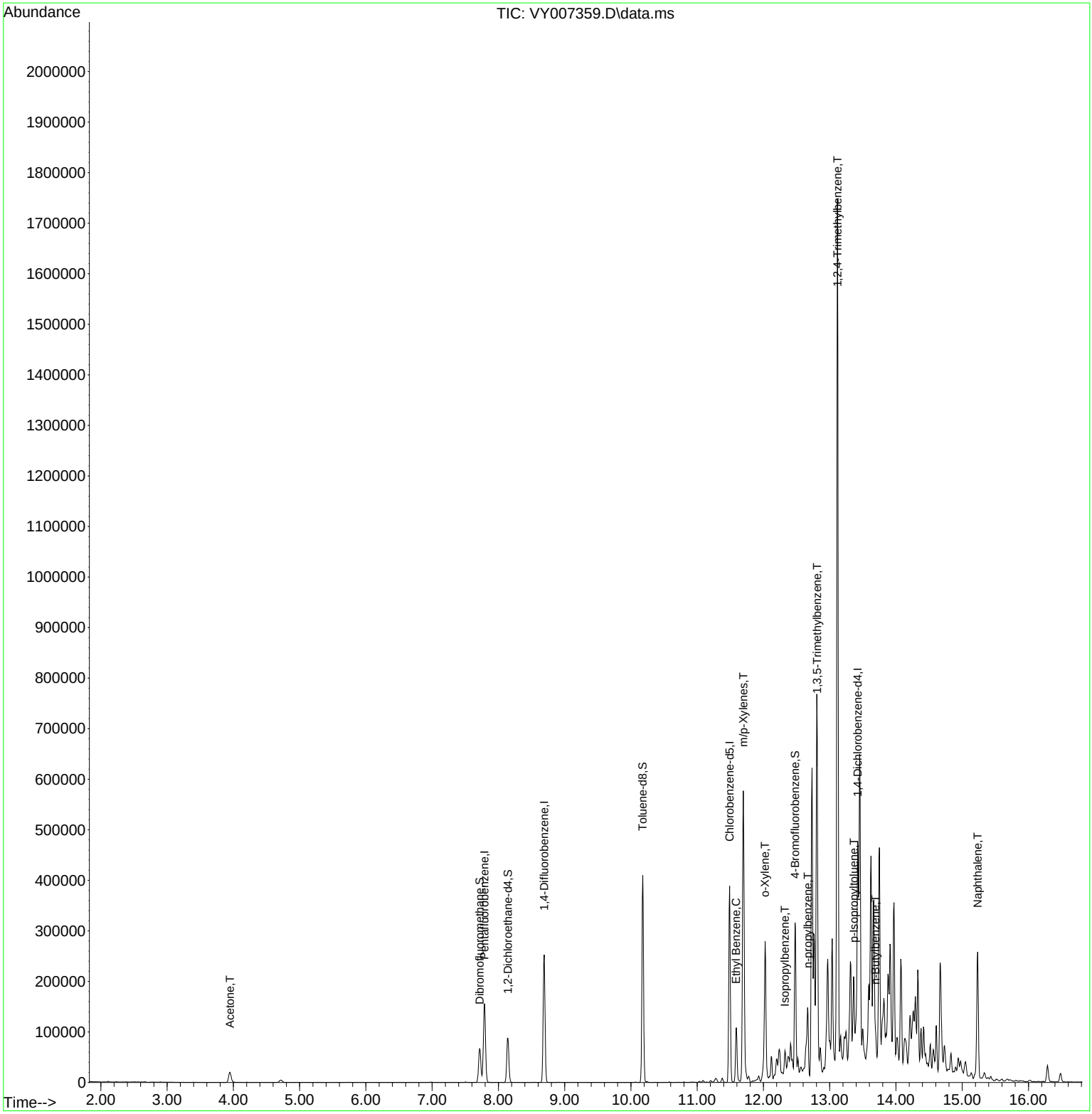
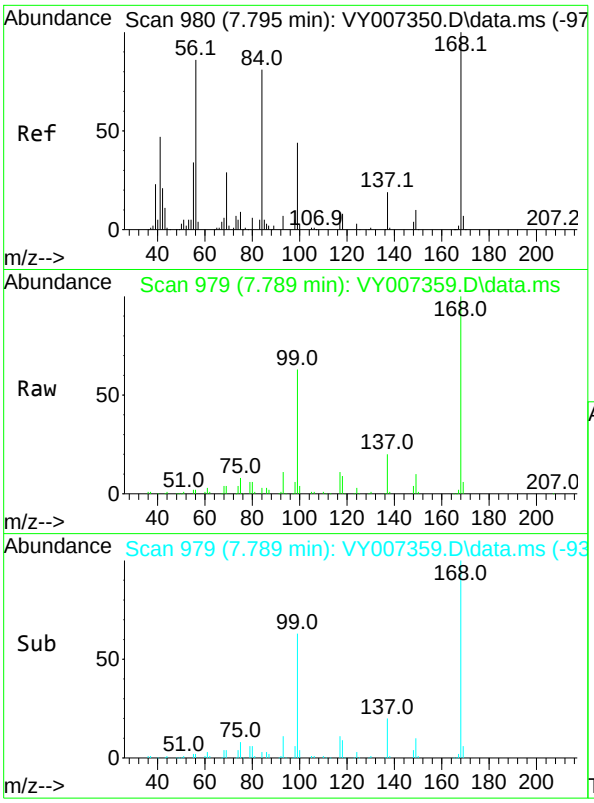
Response via : Initial Calibration



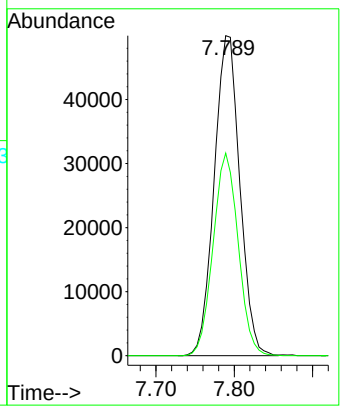


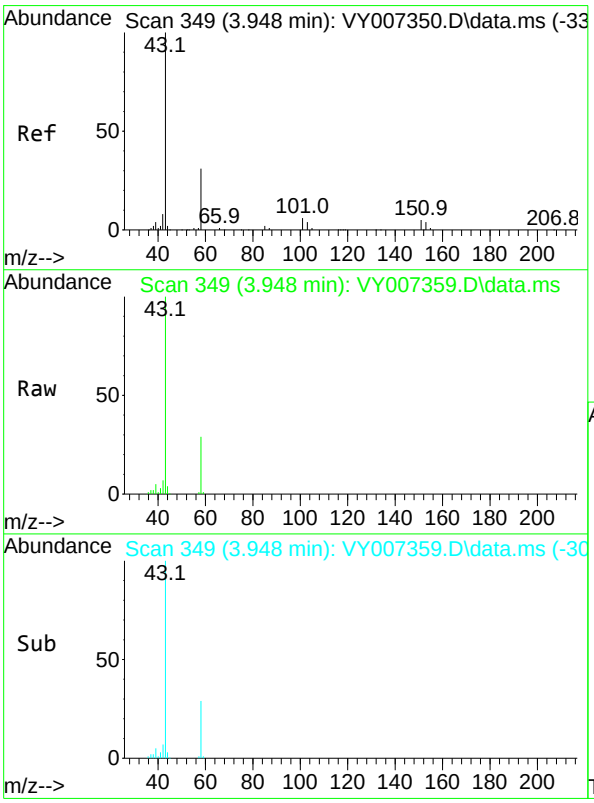
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY007359.D
Acq: 02 Feb 2022 17:09

Instrument :
MSVOA_Y
ClientSampleId :
CC-9

Tgt Ion:168 Resp: 113654

Ion	Ratio	Lower	Upper
168	100		
99	63.3	46.9	70.3

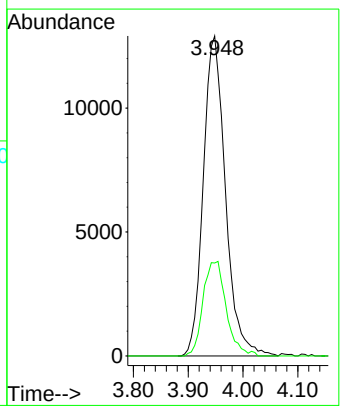


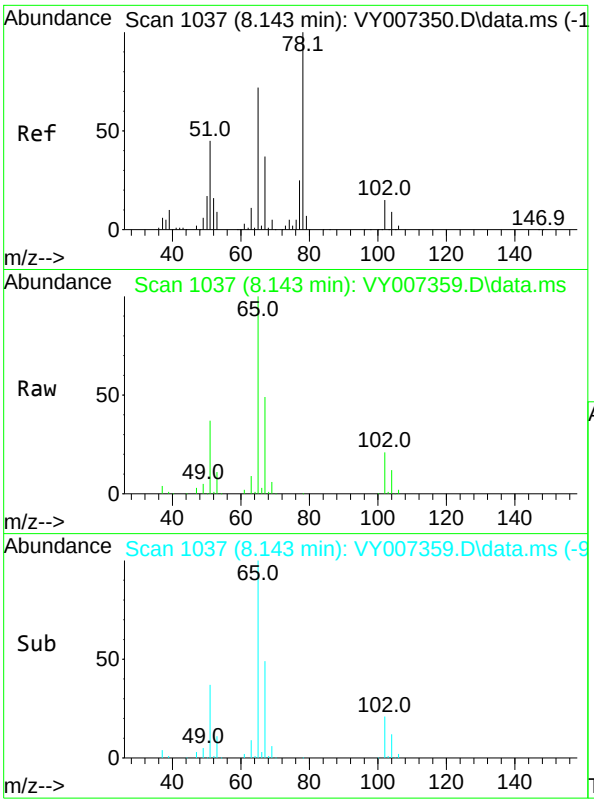


#16
Acetone
Concen: 85.240 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007359.D
Acq: 02 Feb 2022 17:09

Tgt Ion: 43 Resp: 36191

Ion	Ratio	Lower	Upper
43	100		
58	29.1	22.0	33.0



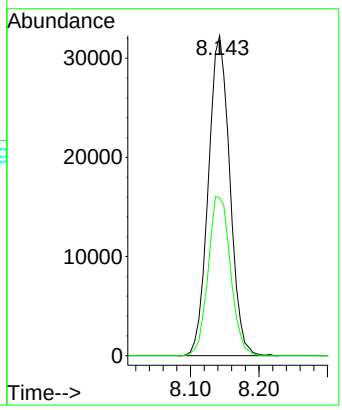


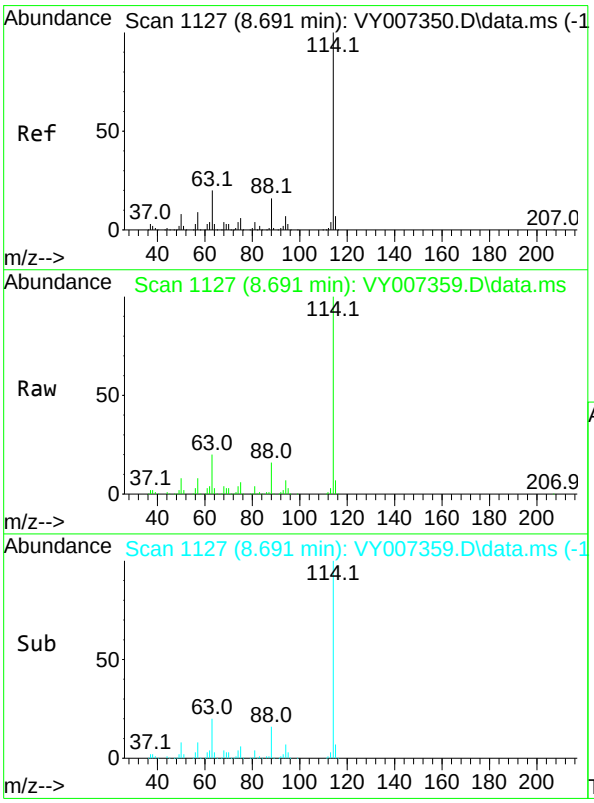
#33
1,2-Dichloroethane-d4
Concen: 53.757 ug/l
RT: 8.143 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007359.D
Acq: 02 Feb 2022 17:09

Instrument :
MSVOA_Y
ClientSampleId :
CC-9

Tgt Ion: 65 Resp: 70277

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	99.4

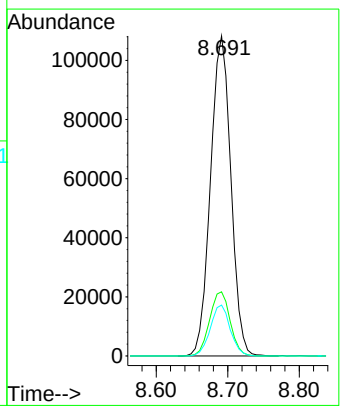


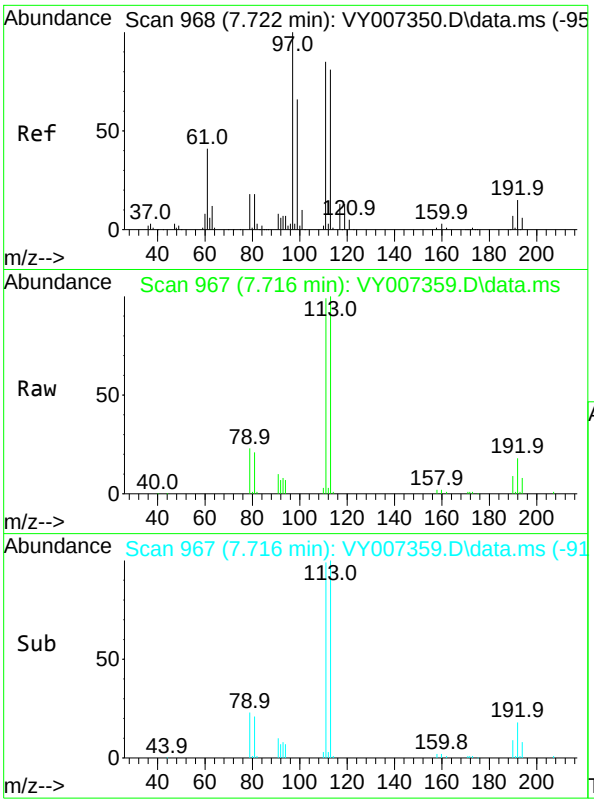


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007359.D
Acq: 02 Feb 2022 17:09

Tgt Ion:114 Resp: 214110

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	43.2
88	15.9	0.0	31.8



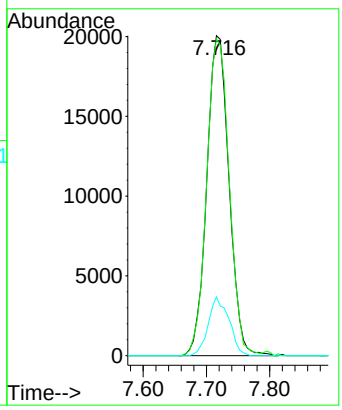


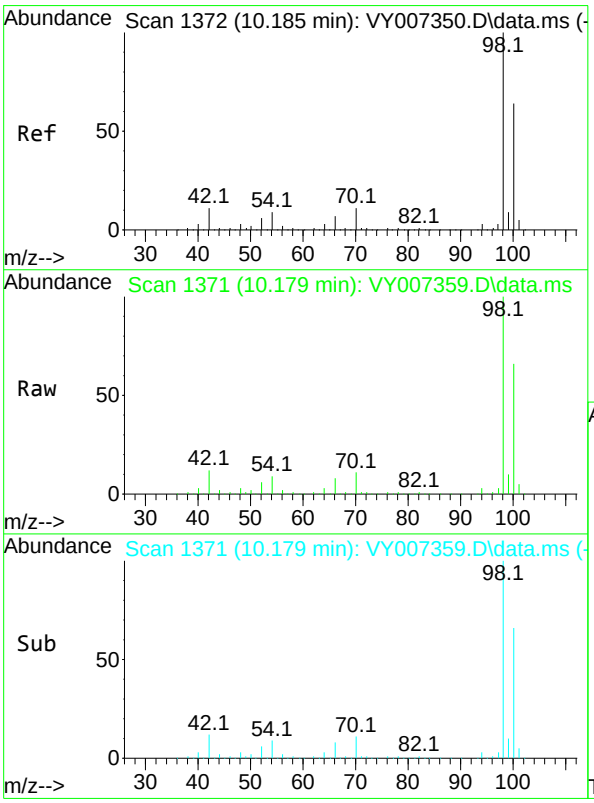
#35
Dibromofluoromethane
Concen: 35.684 ug/l
RT: 7.716 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY007359.D
Acq: 02 Feb 2022 17:09

Instrument :
MSVOA_Y
ClientSampleId :
CC-9

Tgt Ion:113 Resp: 49061

Ion	Ratio	Lower	Upper
113	100		
111	100.0	82.6	124.0
192	17.1	17.6	26.4#

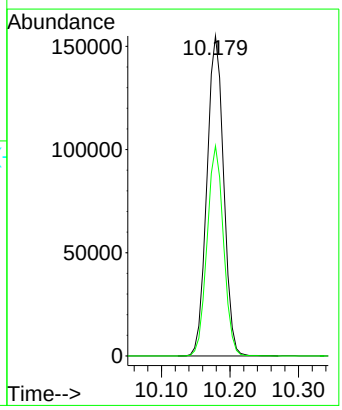


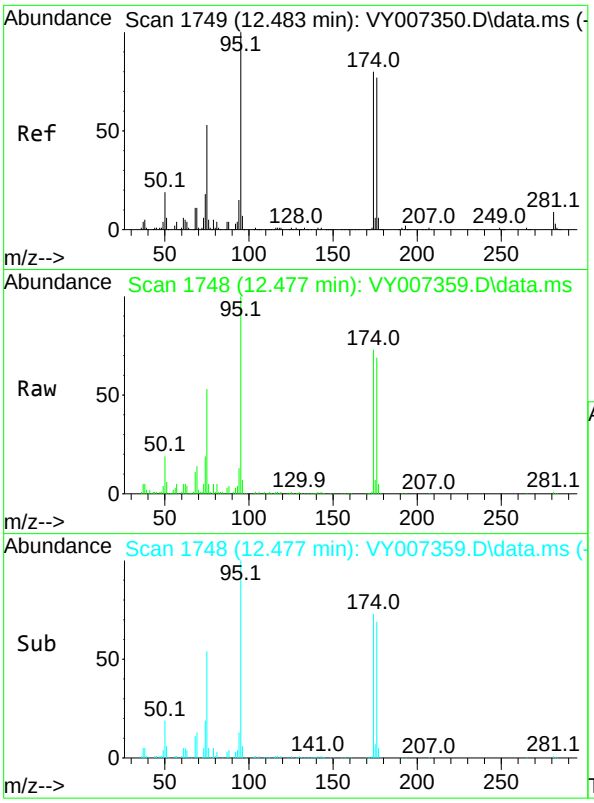


#50
Toluene-d8
Concen: 51.917 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY007359.D
Acq: 02 Feb 2022 17:09

Tgt Ion: 98 Resp: 263712

Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.2	75.2



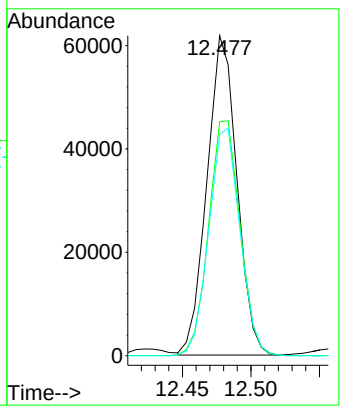


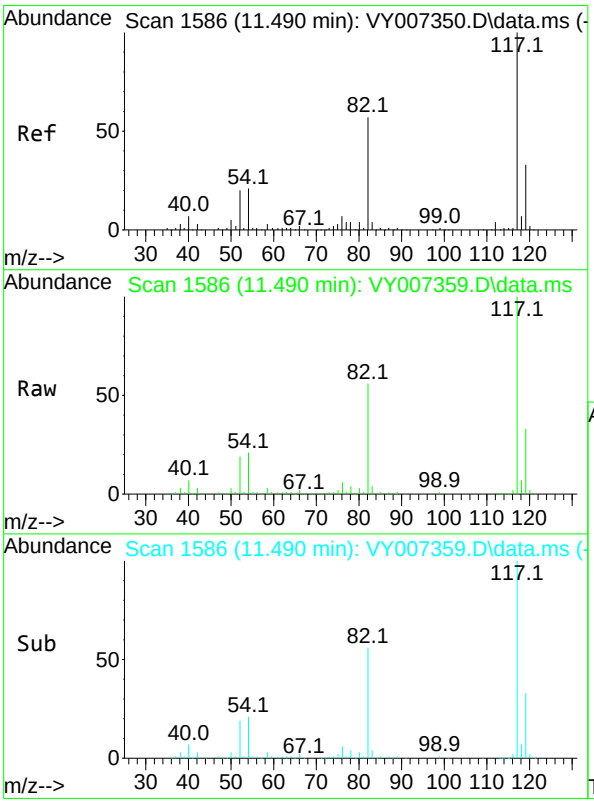
#62
4-Bromofluorobenzene
Concen: 54.391 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007359.D
Acq: 02 Feb 2022 17:09

Instrument :
MSVOA_Y
ClientSampleId :
CC-9

Tgt Ion: 95 Resp: 93905

Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	177.0
176	74.0	0.0	175.8

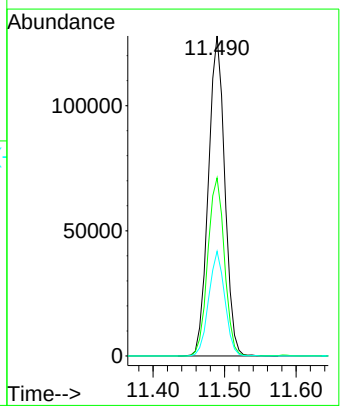


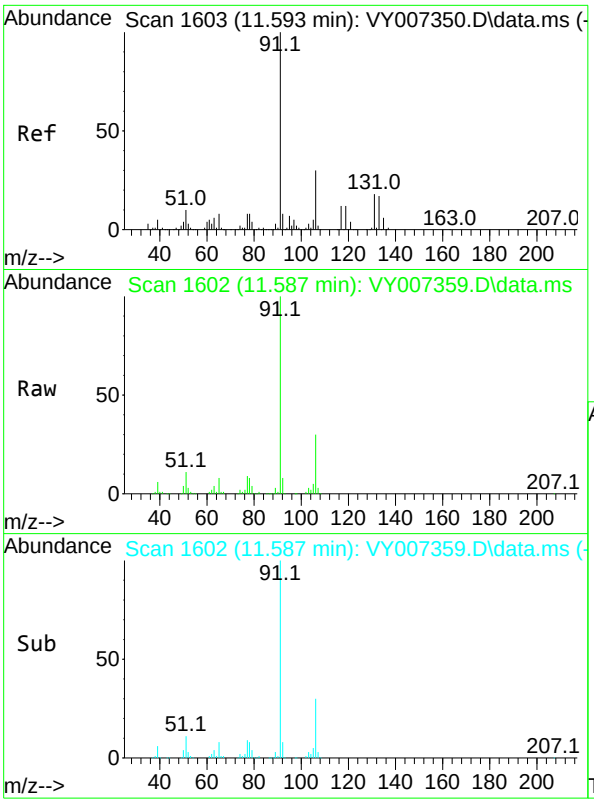


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007359.D
Acq: 02 Feb 2022 17:09

Tgt Ion:117 Resp: 203572

Ion	Ratio	Lower	Upper
117	100		
82	55.7	43.0	64.4
119	32.7	25.4	38.0



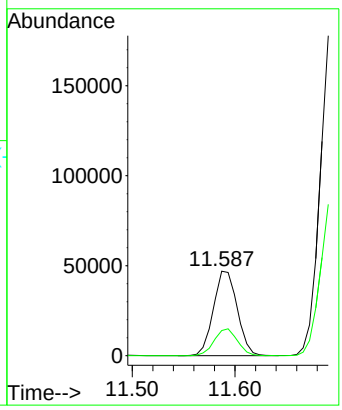


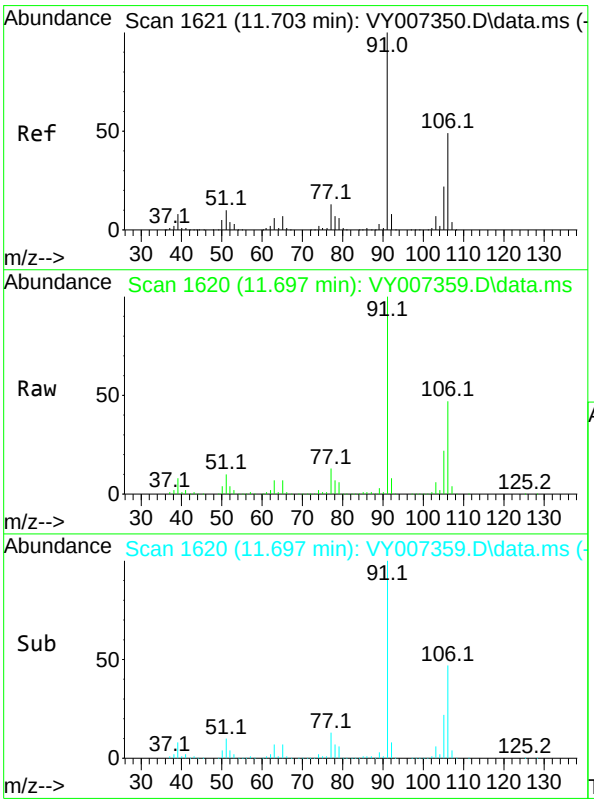
#67
Ethyl Benzene
Concen: 8.798 ug/l
RT: 11.587 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007359.D
Acq: 02 Feb 2022 17:09

Instrument :
MSVOA_Y
ClientSampleId :
CC-9

Tgt Ion: 91 Resp: 75602

Ion	Ratio	Lower	Upper
91	100		
106	29.7	24.5	36.7

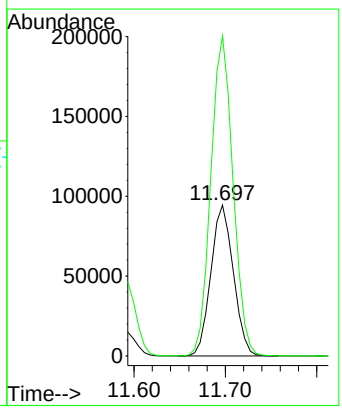


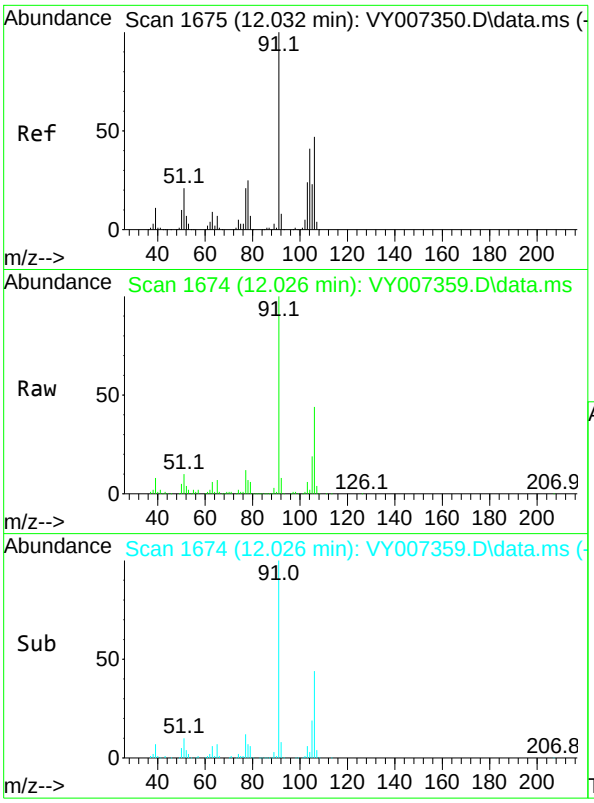


#68
m/p-Xylenes
Concen: 50.632 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY007359.D
Acq: 02 Feb 2022 17:09

Tgt Ion:106 Resp: 161153

Ion	Ratio	Lower	Upper
106	100		
91	209.3	166.6	249.8



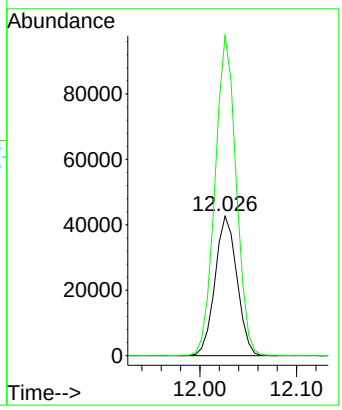


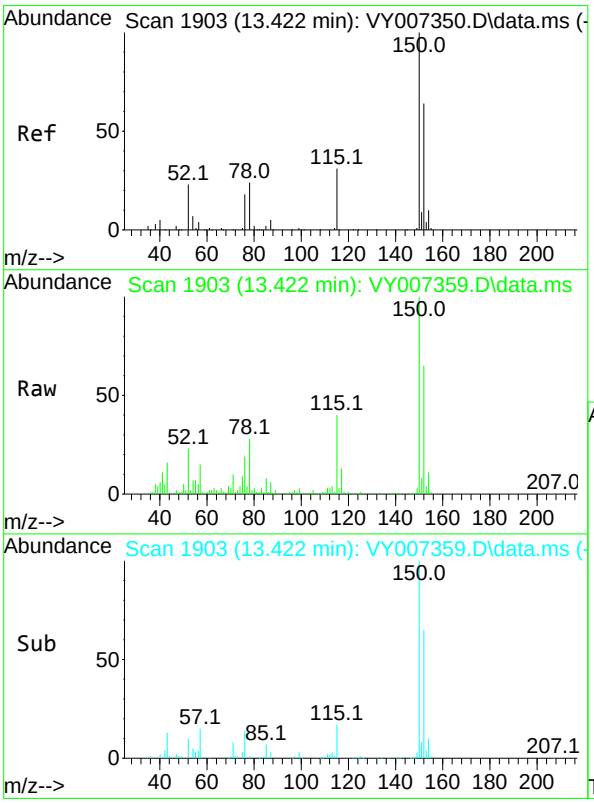
#69
o-Xylene
Concen: 22.306 ug/l
RT: 12.026 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007359.D
Acq: 02 Feb 2022 17:09

Instrument :
MSVOA_Y
ClientSampleId :
CC-9

Tgt Ion:106 Resp: 67125

Ion	Ratio	Lower	Upper
106	100		
91	221.6	110.3	331.0

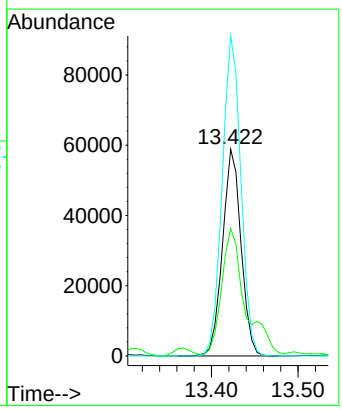


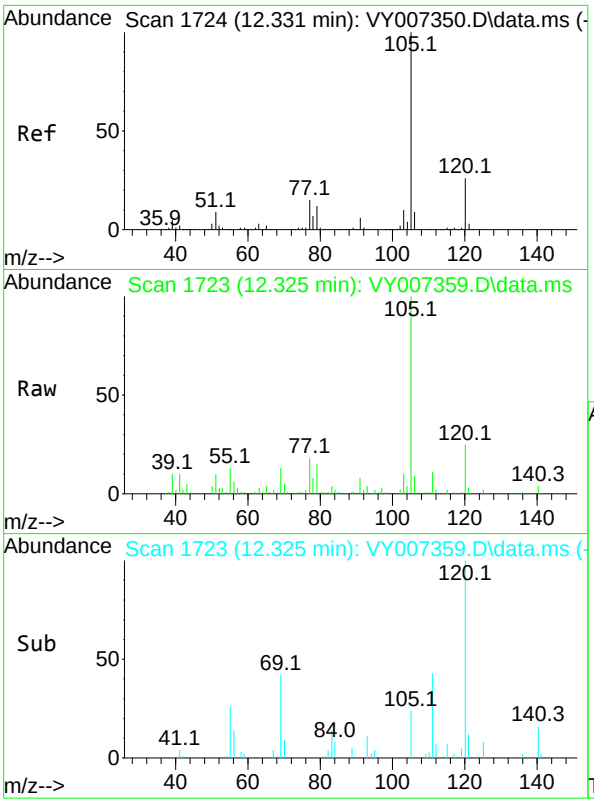


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007359.D
Acq: 02 Feb 2022 17:09

Tgt Ion:152 Resp: 87349

Ion	Ratio	Lower	Upper
152	100		
115	77.3	28.2	84.7
150	156.0	0.0	347.6



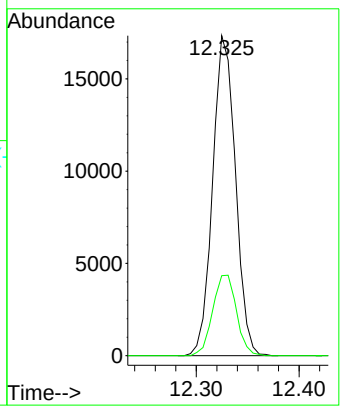


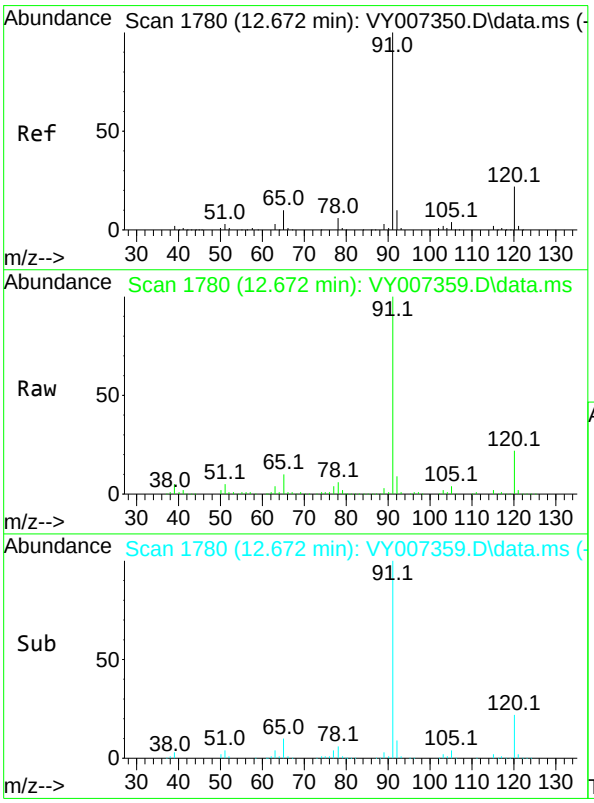
#73
Isopropylbenzene
Concen: 3.340 ug/l
RT: 12.325 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007359.D
Acq: 02 Feb 2022 17:09

Instrument :
MSVOA_Y
ClientSampleId :
CC-9

Tgt Ion:105 Resp: 26664

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.4	40.2

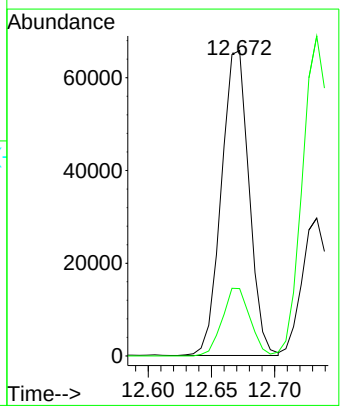


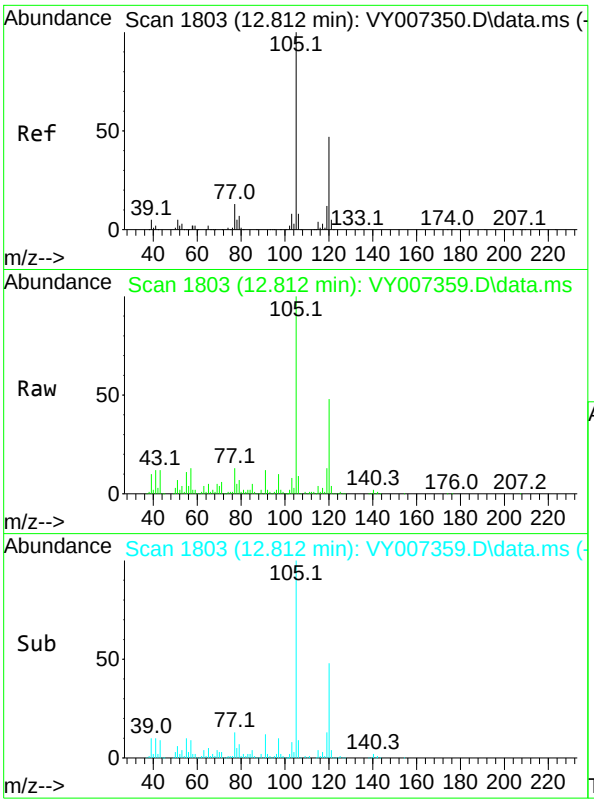


#78
n-propylbenzene
Concen: 10.344 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY007359.D
Acq: 02 Feb 2022 17:09

Tgt Ion: 91 Resp: 100018

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.3	33.9



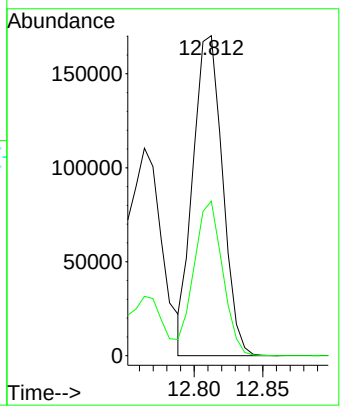


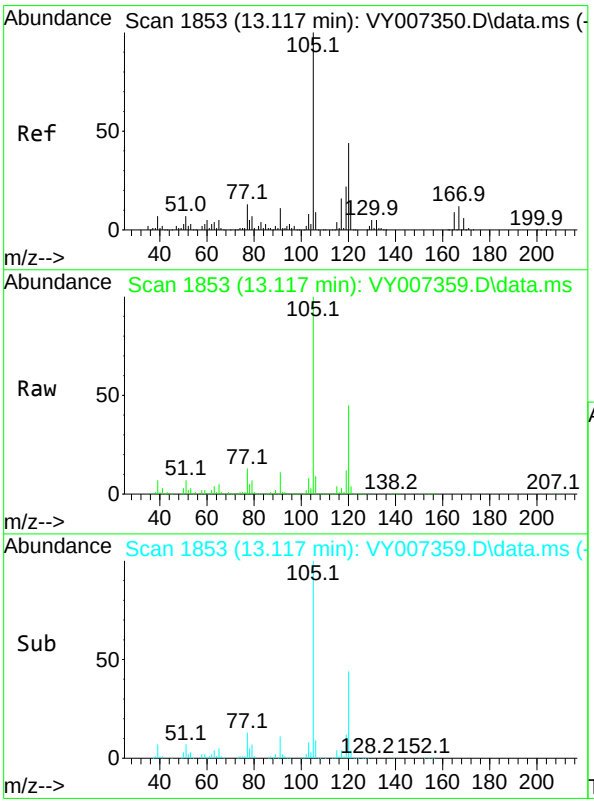
#80
1,3,5-Trimethylbenzene
Concen: 39.187 ug/l
RT: 12.812 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007359.D
Acq: 02 Feb 2022 17:09

Instrument :
MSVOA_Y
ClientSampleId :
CC-9

Tgt Ion:105 Resp: 255202

Ion	Ratio	Lower	Upper
105	100		
120	46.6	24.4	73.4

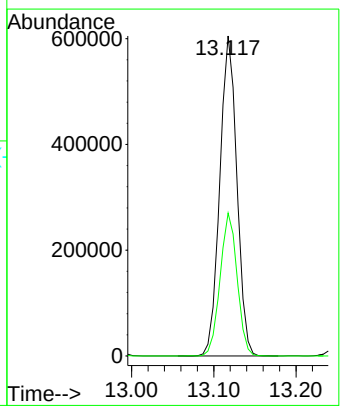


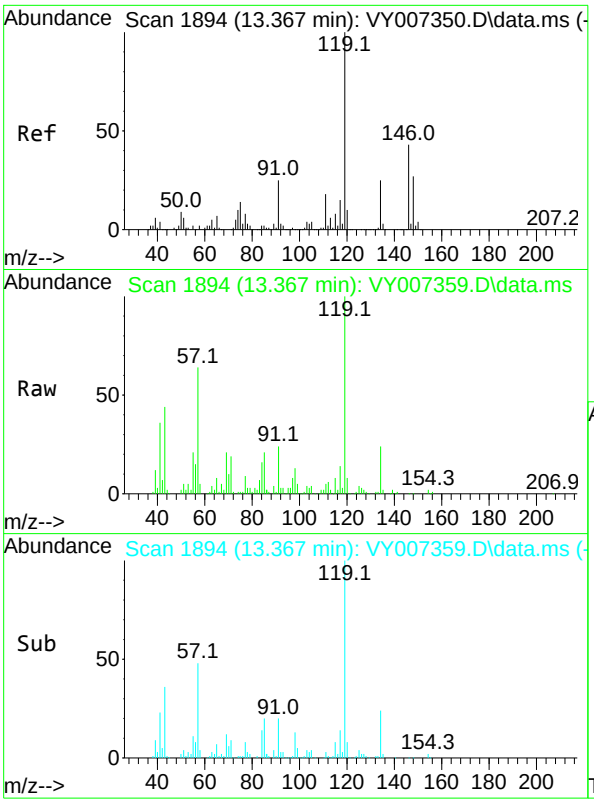


#84
1,2,4-Trimethylbenzene
Concen: 136.281 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007359.D
Acq: 02 Feb 2022 17:09

Tgt Ion:105 Resp: 873850

Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.3	66.9



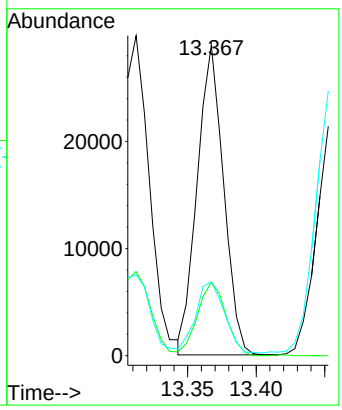


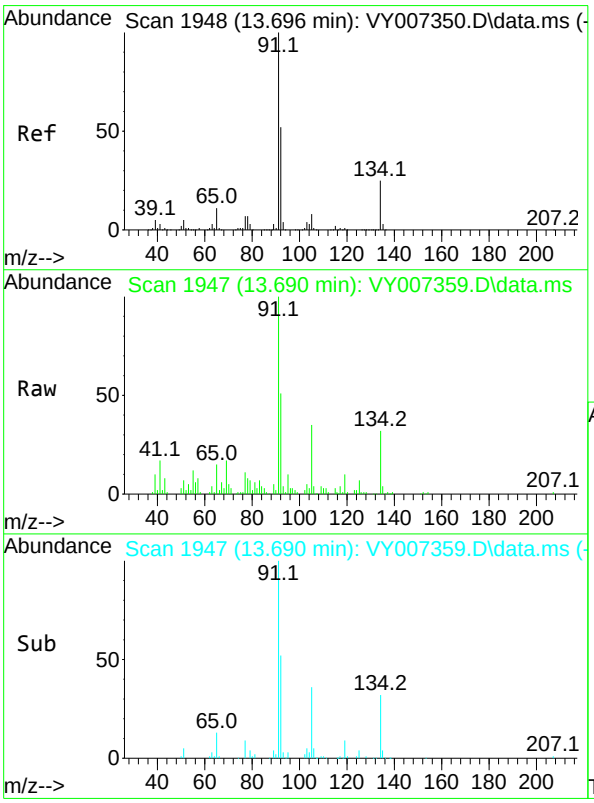
#86
p-Isopropyltoluene
Concen: 5.594 ug/l
RT: 13.367 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007359.D
Acq: 02 Feb 2022 17:09

Instrument :
MSVOA_Y
ClientSampleId :
CC-9

Tgt Ion:119 Resp: 38754

Ion	Ratio	Lower	Upper
119	100		
134	25.4	13.2	39.5
91	25.0	12.4	37.2

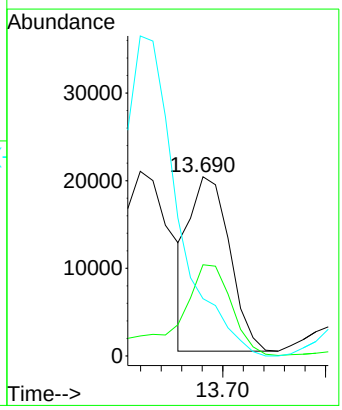


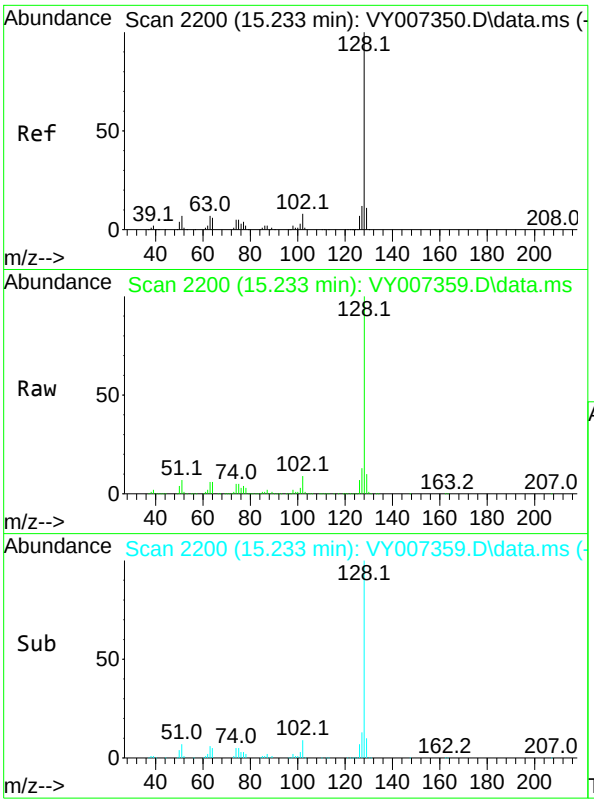


#89
n-Butylbenzene
Concen: 4.034 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. -0.006 min
Lab File: VY007359.D
Acq: 02 Feb 2022 17:09

Tgt Ion: 91 Resp: 26898

Ion	Ratio	Lower	Upper
91	100		
92	70.3	26.3	78.9
134	0.0	13.0	38.9#





#95
Naphthalene
Concen: 57.514 ug/l
RT: 15.233 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY007359.D
Acq: 02 Feb 2022 17:09

Instrument :
MSVOA_Y
ClientSampleId :
CC-9

Tgt Ion:128 Resp: 203126

Ion	Ratio	Lower	Upper
128	100		
127	13.3	11.0	16.4
129	10.9	8.4	12.6