Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
Data File : VY007605.D
Acq On : 23 Feb 2022 18:06
Operator : SY/MD
Sample : N1584-05
Misc : 6.12g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D12-7.5

Quant Time: Feb 24 08:24:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 24 07:13:58 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	70343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	120148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	131786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	65470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	44303	56.615	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.220%			
35) Dibromofluoromethane	7.716	113	38822	51.208	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.420%			
50) Toluene-d8	10.179	98	151748	53.791	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.580%			
62) 4-Bromofluorobenzene	12.477	95	59825	62.408	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 124.820%			
Target Compounds						Qvalue
16) Acetone	3.948	43	3120	17.507	ug/l	98
52) Toluene	10.240	92	2419	1.138	ug/l	82
67) Ethyl Benzene	11.593	91	5476	1.137	ug/l	96
68) m/p-Xylenes	11.697	106	5669	3.005	ug/l	91
69) o-Xylene	12.032	106	2050	1.105	ug/l	100
78) n-propylbenzene	12.666	91	6924	1.189	ug/l	94
80) 1,3,5-Trimethylbenzene	12.806	105	6081	1.417	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	17369	4.131	ug/l	100
95) Naphthalene	15.233	128	12518	3.770	ug/l #	92

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

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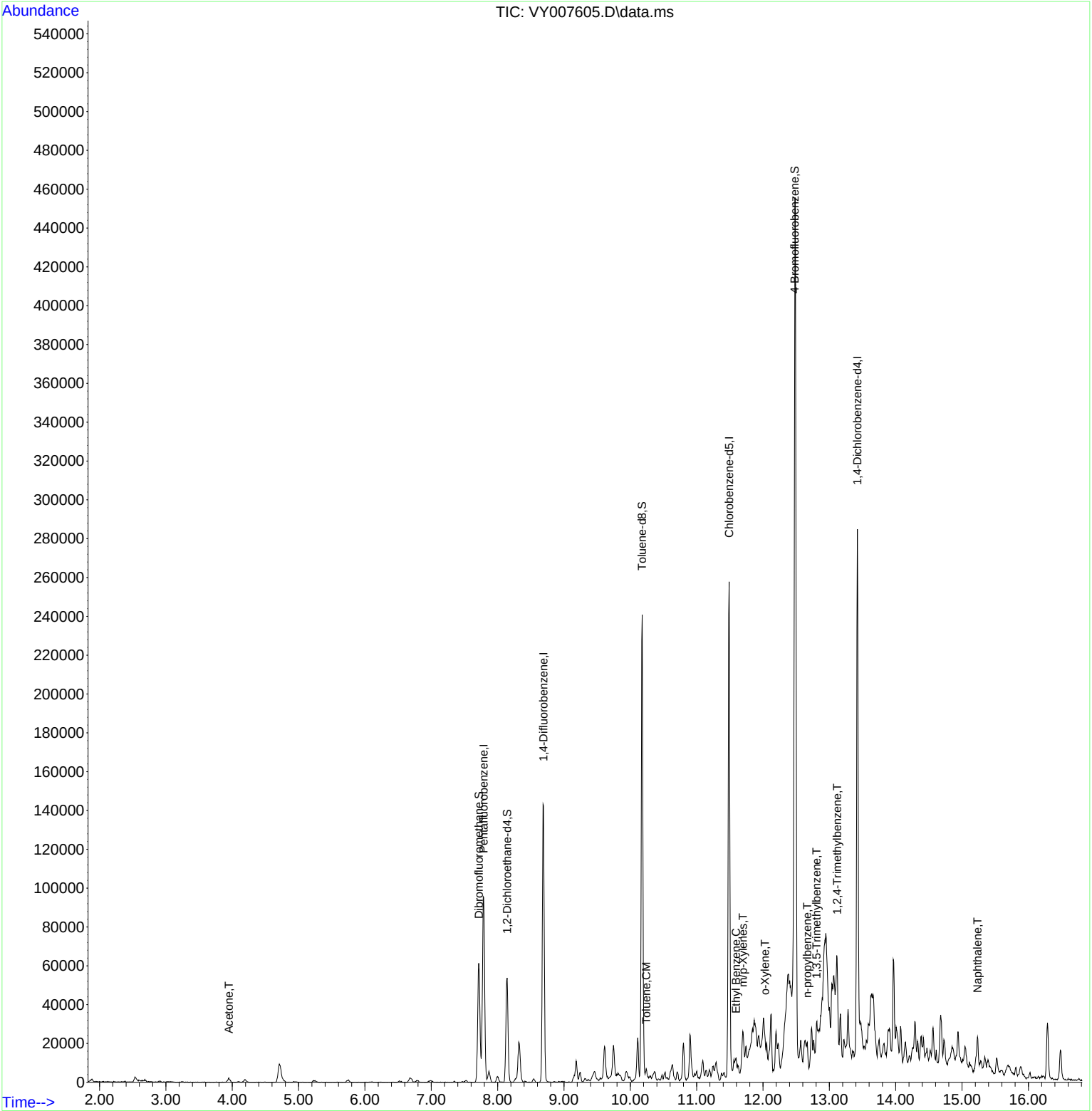
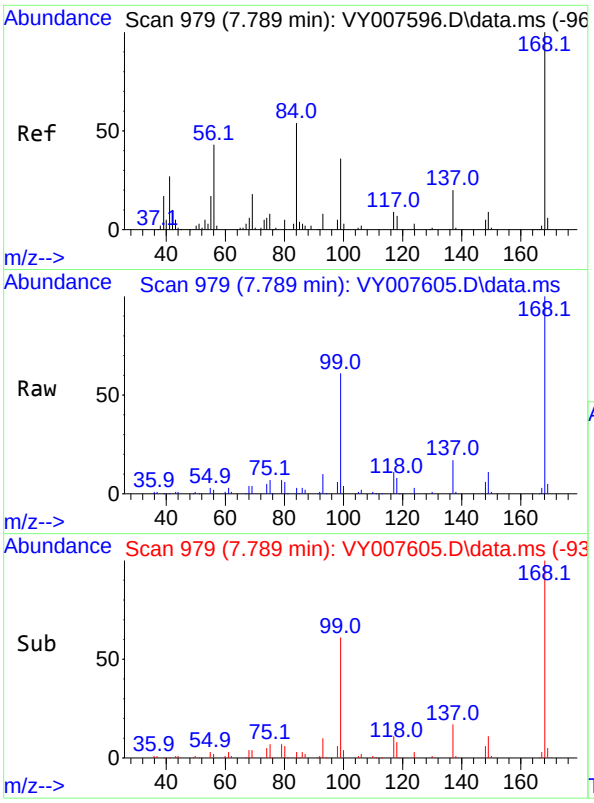


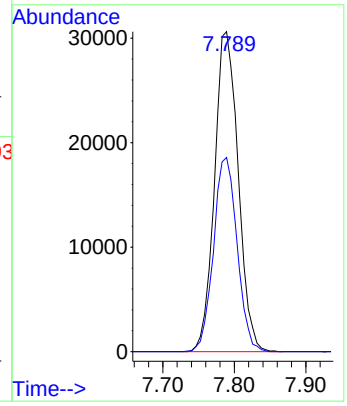


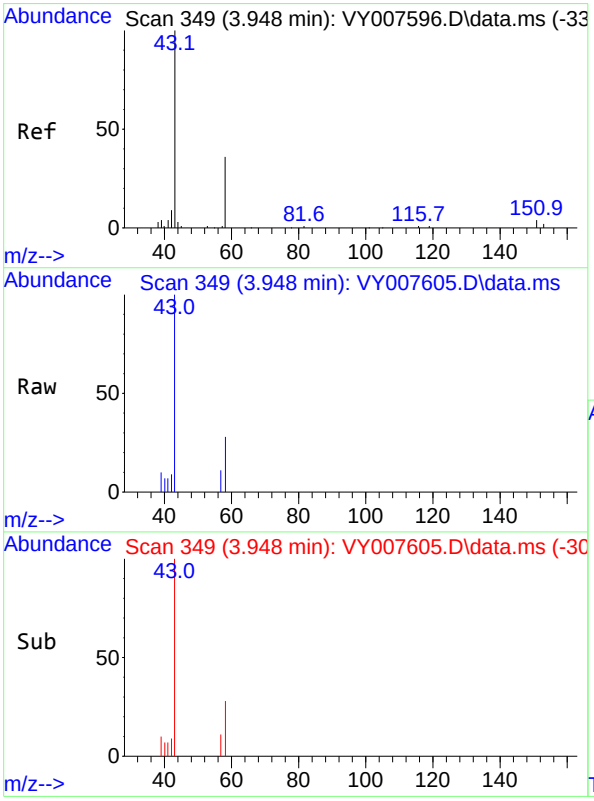
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY007605.D
Acq: 23 Feb 2022 18:06

Instrument :
MSVOA_Y
ClientSampleId :
D12-7.5

Tgt Ion:168 Resp: 70343

Ion	Ratio	Lower	Upper
168	100		
99	60.7	46.9	70.3

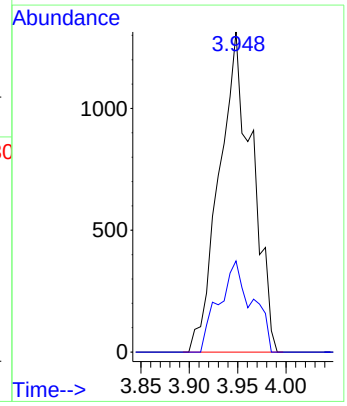


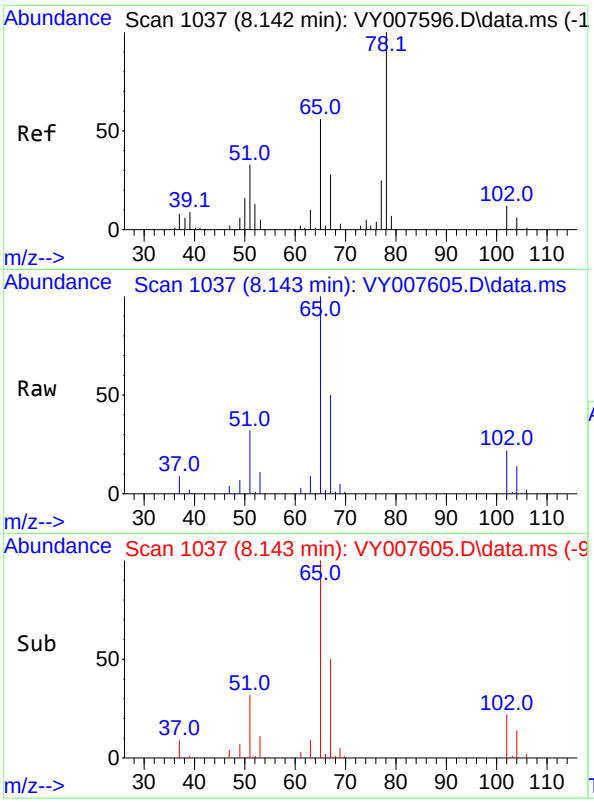


#16
Acetone
Concen: 17.507 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007605.D
Acq: 23 Feb 2022 18:06

Tgt Ion: 43 Resp: 3120

Ion	Ratio	Lower	Upper
43	100		
58	28.5	22.0	33.0



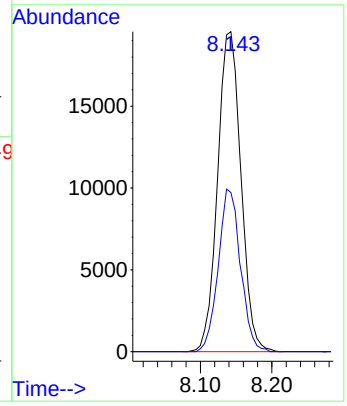


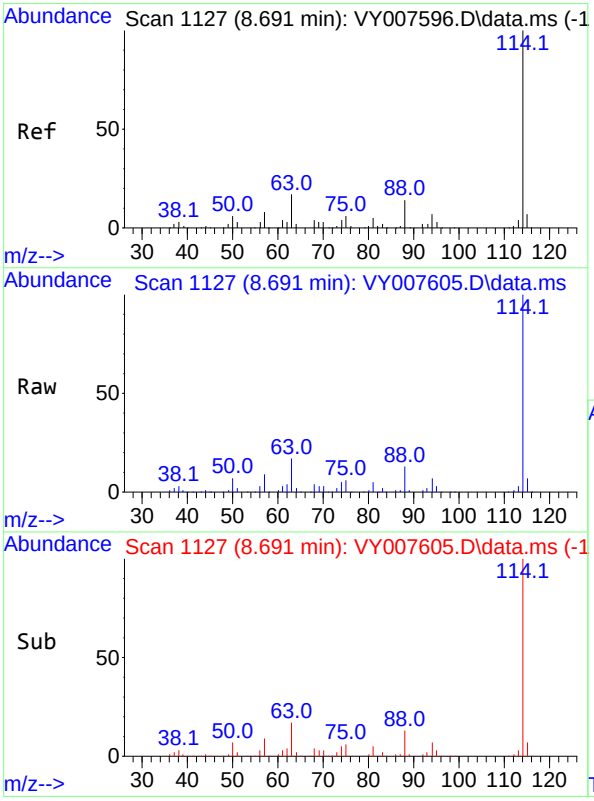
#33
1,2-Dichloroethane-d4
Concen: 56.615 ug/l
RT: 8.143 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY007605.D
Acq: 23 Feb 2022 18:06

Instrument :
MSVOA_Y
ClientSampleId :
D12-7.5

Tgt Ion: 65 Resp: 44303

Ion	Ratio	Lower	Upper
65	100		
67	48.3	0.0	99.4

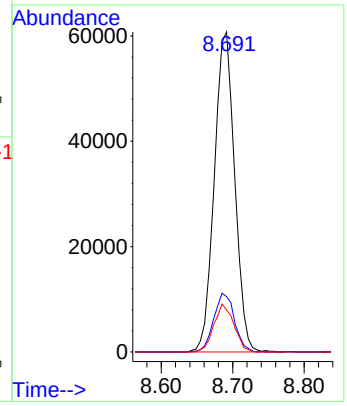


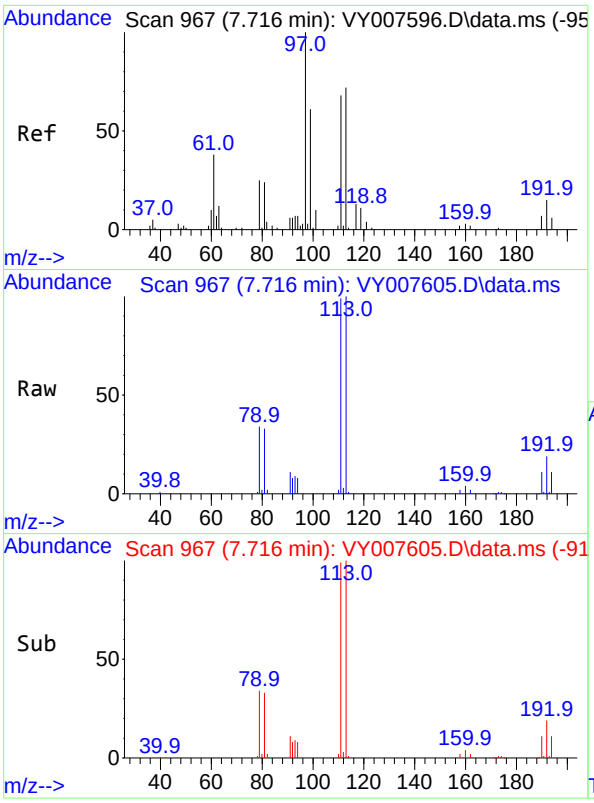


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007605.D
Acq: 23 Feb 2022 18:06

Tgt Ion:114 Resp: 120148

Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	43.2
88	13.1	0.0	31.8



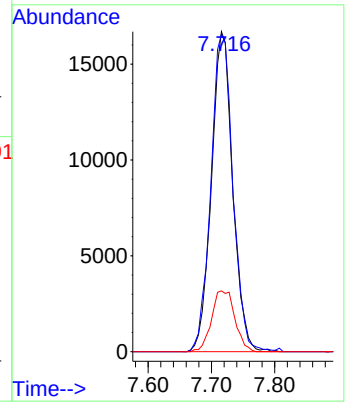


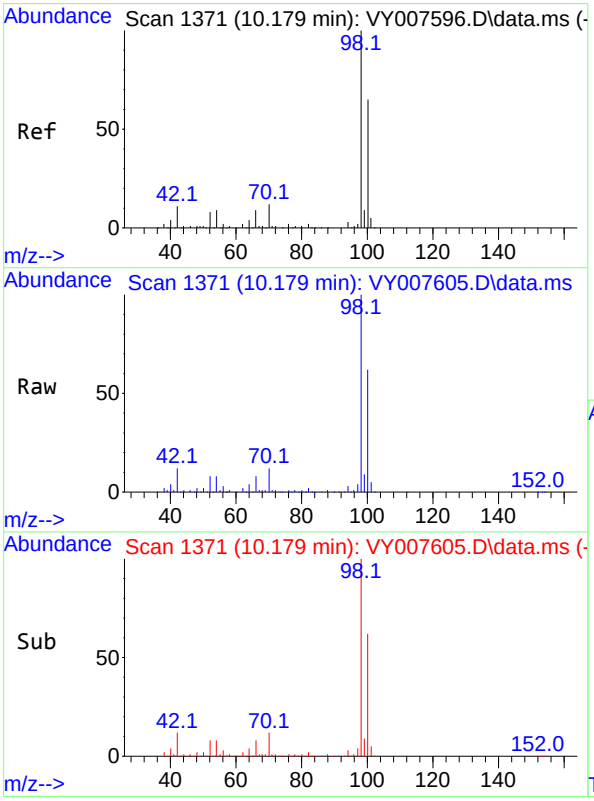
#35
Dibromofluoromethane
Concen: 51.208 ug/l
RT: 7.716 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY007605.D
Acq: 23 Feb 2022 18:06

Instrument :
MSVOA_Y
ClientSampleId :
D12-7.5

Tgt Ion:113 Resp: 38822

Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.6	124.0
192	20.9	17.6	26.4

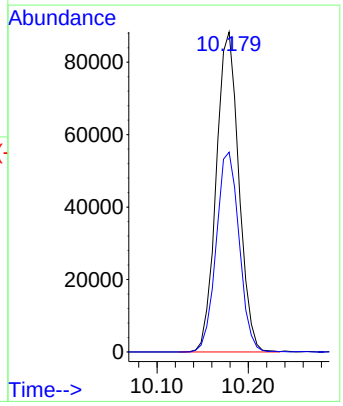


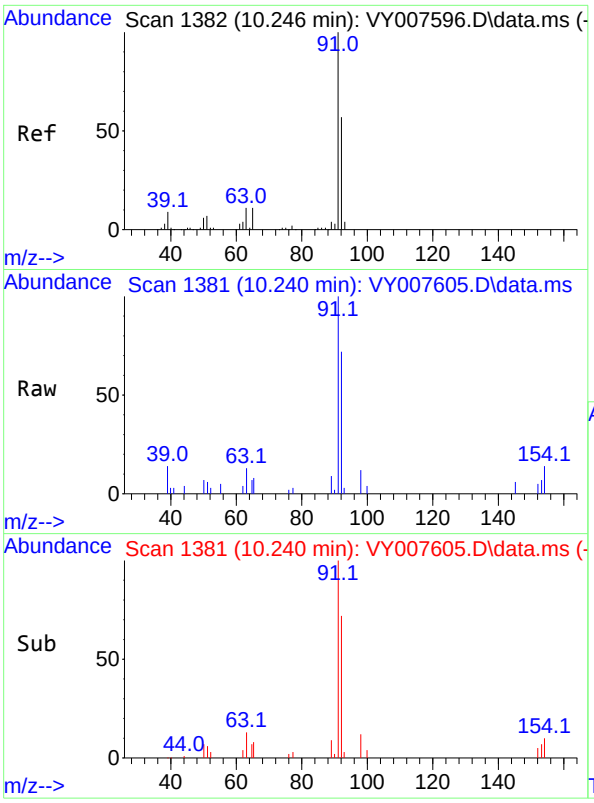


#50
Toluene-d8
Concen: 53.791 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007605.D
Acq: 23 Feb 2022 18:06

Tgt Ion: 98 Resp: 151748

Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.2	75.2



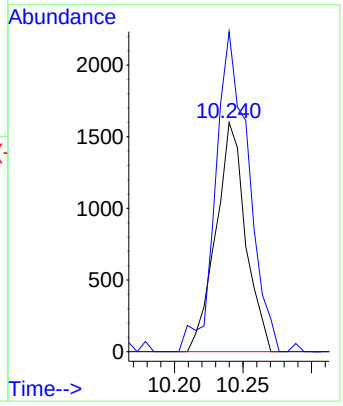


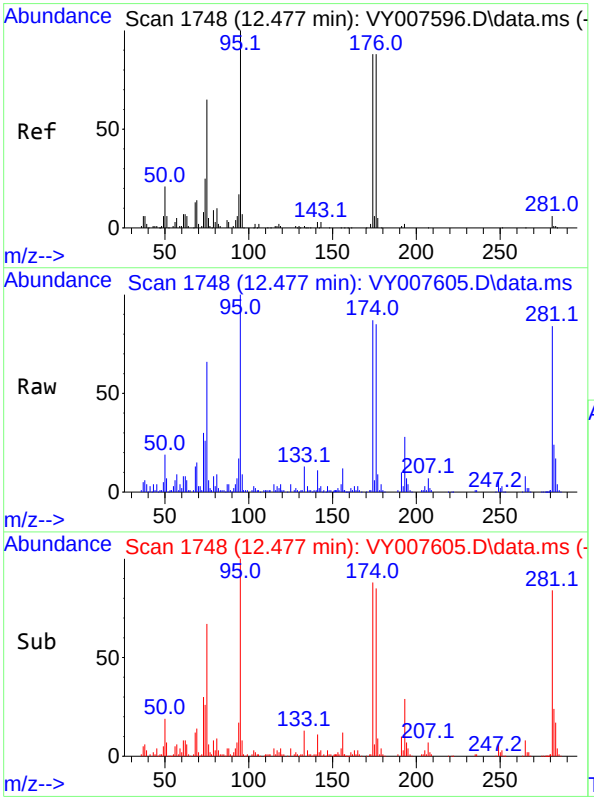
#52
Toluene
Concen: 1.138 ug/l
RT: 10.240 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007605.D
Acq: 23 Feb 2022 18:06

Instrument :
MSVOA_Y
ClientSampleId :
D12-7.5

Tgt Ion: 92 Resp: 2419

Ion	Ratio	Lower	Upper
92	100		
91	153.2	142.6	213.8

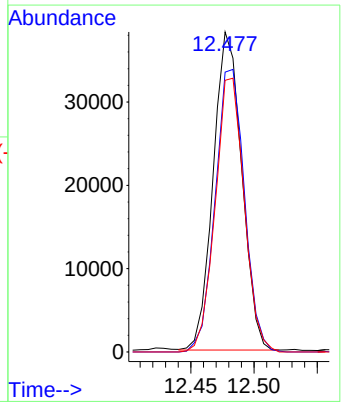


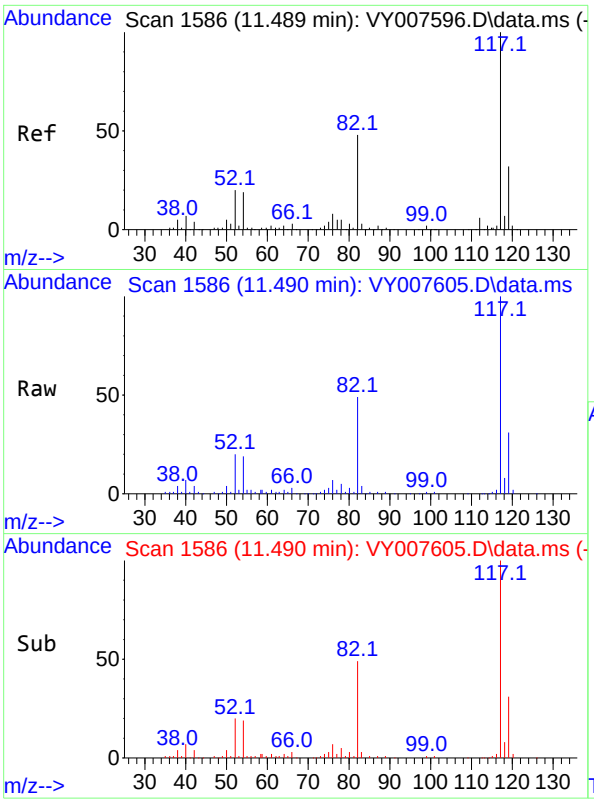


#62
4-Bromofluorobenzene
Concen: 62.408 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY007605.D
Acq: 23 Feb 2022 18:06

Tgt Ion: 95 Resp: 59825

Ion	Ratio	Lower	Upper
95	100		
174	91.1	0.0	177.0
176	87.4	0.0	175.8



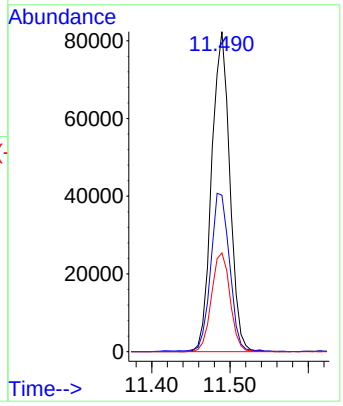


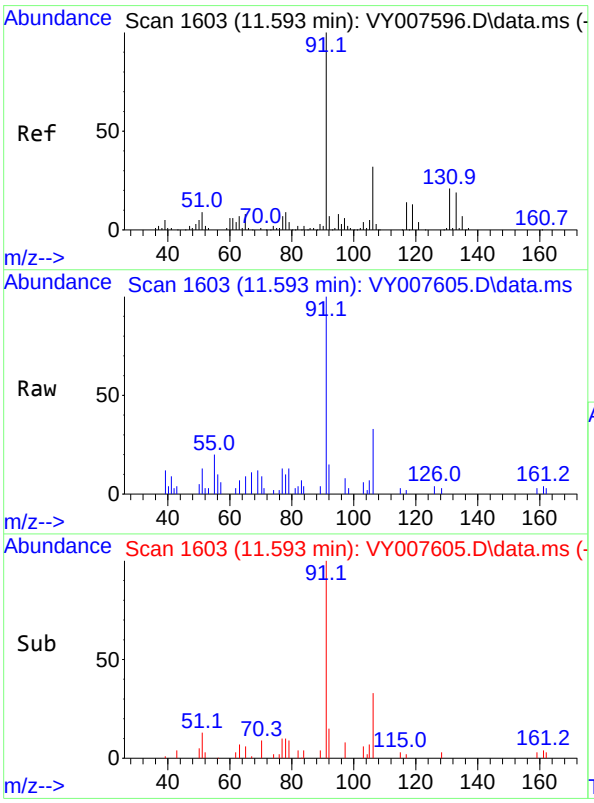
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY007605.D
Acq: 23 Feb 2022 18:06

Instrument :
MSVOA_Y
ClientSampleId :
D12-7.5

Tgt Ion:117 Resp: 131786

Ion	Ratio	Lower	Upper
117	100		
82	48.8	43.0	64.4
119	30.9	25.4	38.0

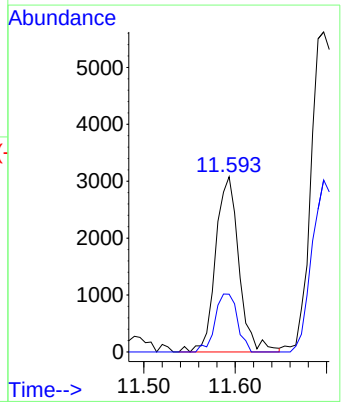


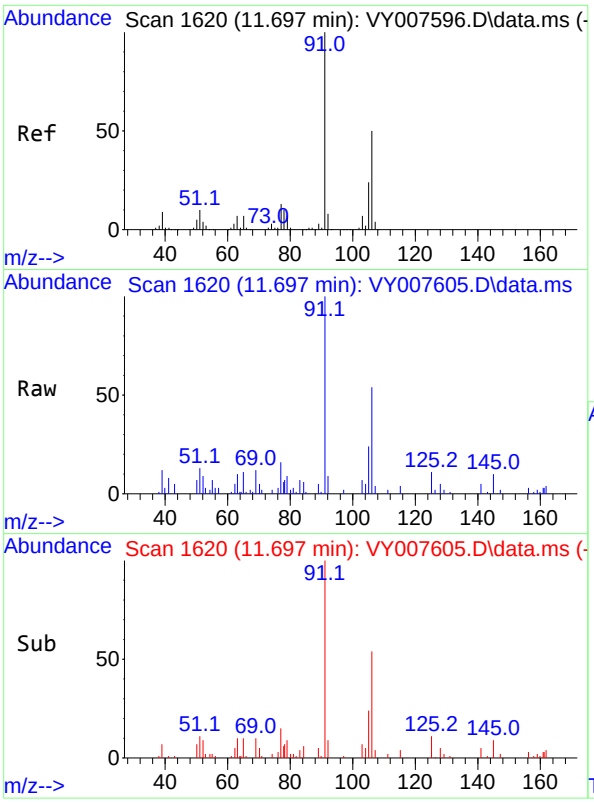


#67
Ethyl Benzene
Concen: 1.137 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007605.D
Acq: 23 Feb 2022 18:06

Tgt Ion: 91 Resp: 5476

Ion	Ratio	Lower	Upper
91	100		
106	33.0	24.5	36.7



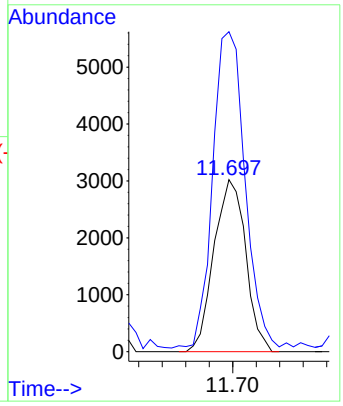


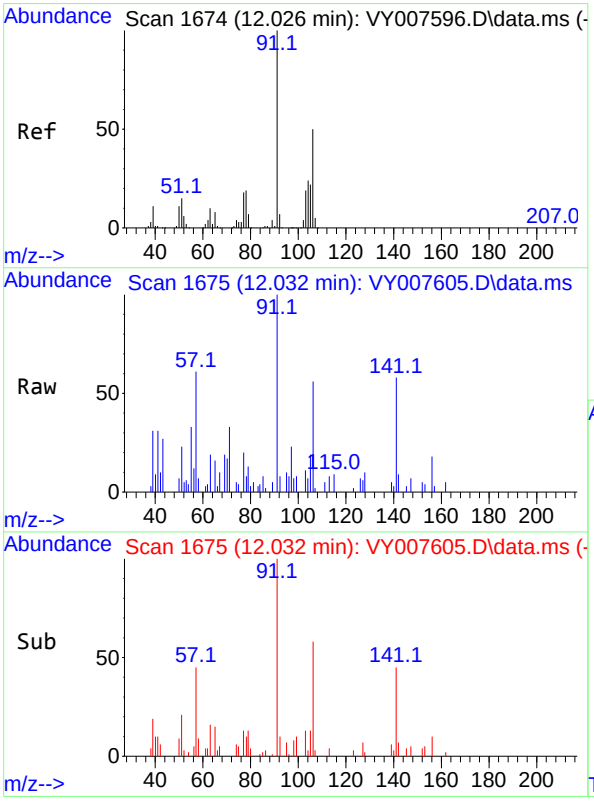
#68
m/p-Xylenes
Concen: 3.005 ug/l
RT: 11.697 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007605.D
Acq: 23 Feb 2022 18:06

Instrument :
MSVOA_Y
ClientSampleId :
D12-7.5

Tgt Ion:106 Resp: 5669

Ion	Ratio	Lower	Upper
106	100		
91	193.8	166.6	249.8

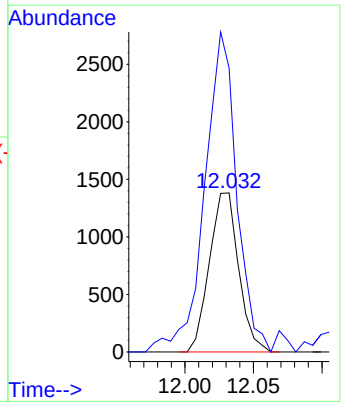


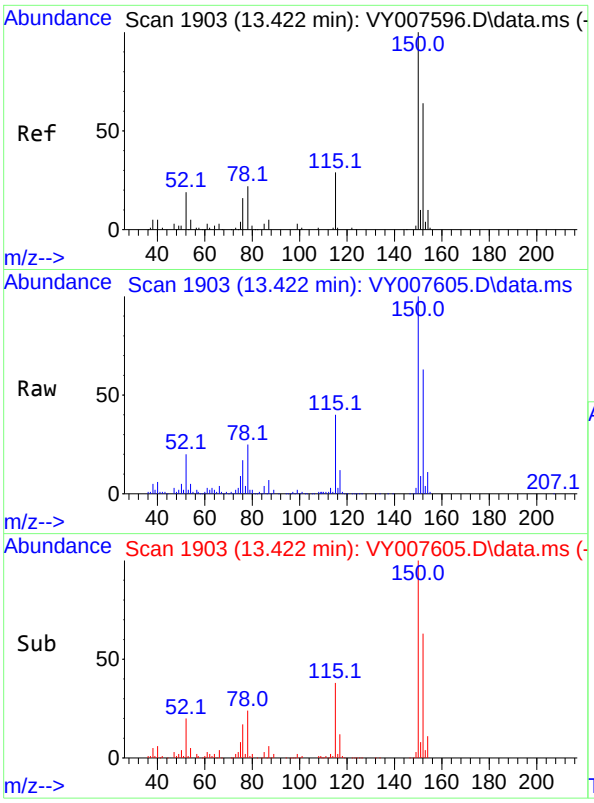


#69
o-Xylene
Concen: 1.105 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY007605.D
Acq: 23 Feb 2022 18:06

Tgt Ion:106 Resp: 2050

Ion	Ratio	Lower	Upper
106	100		
91	220.2	110.3	331.0



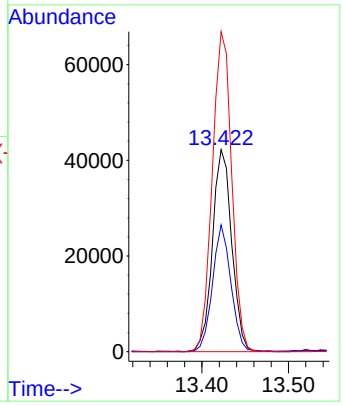


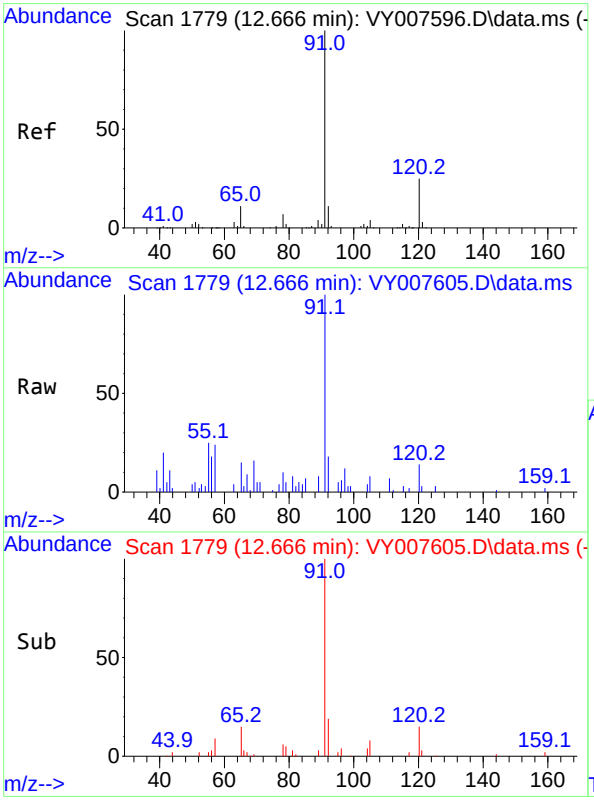
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007605.D
Acq: 23 Feb 2022 18:06

Instrument :
MSVOA_Y
ClientSampleId :
D12-7.5

Tgt Ion:152 Resp: 65470

Ion	Ratio	Lower	Upper
152	100		
115	60.1	28.2	84.7
150	159.0	0.0	347.6

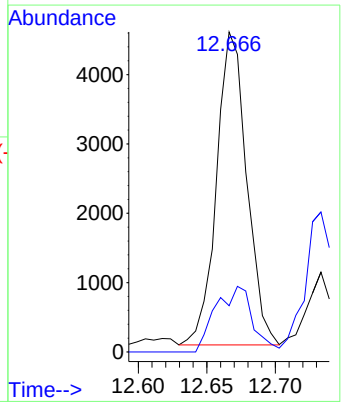


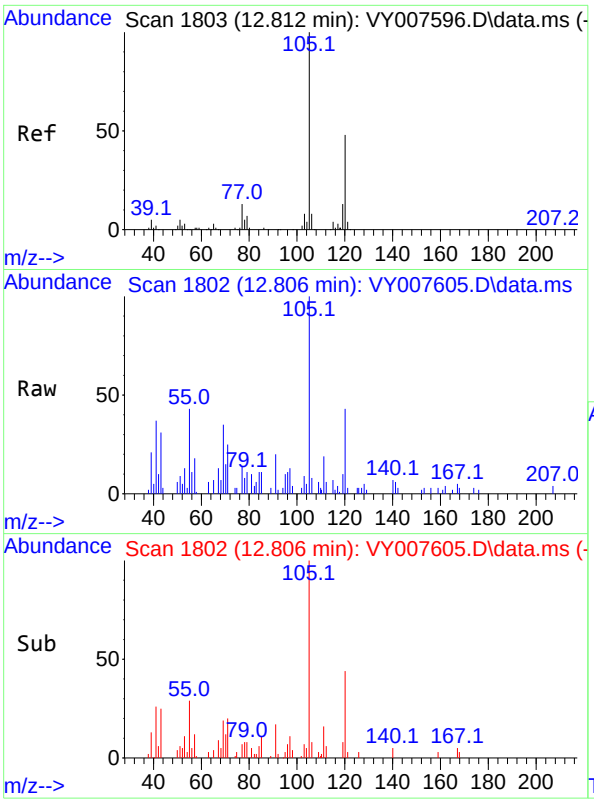


#78
n-propylbenzene
Concen: 1.189 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY007605.D
Acq: 23 Feb 2022 18:06

Tgt Ion: 91 Resp: 6924

Ion	Ratio	Lower	Upper
91	100		
120	25.5	11.3	33.9



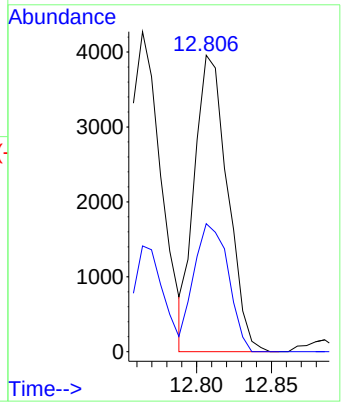


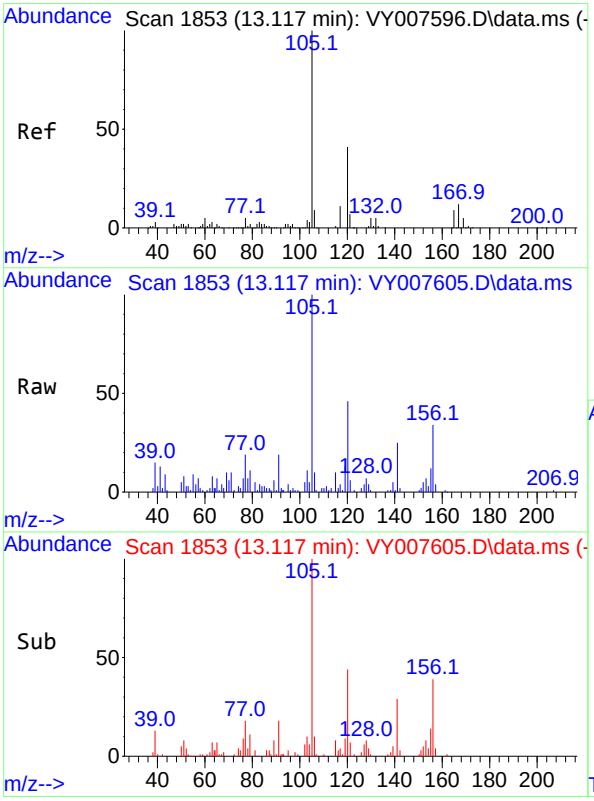
#80
1,3,5-Trimethylbenzene
Concen: 1.417 ug/l
RT: 12.806 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007605.D
Acq: 23 Feb 2022 18:06

Instrument :
MSVOA_Y
ClientSampleId :
D12-7.5

Tgt Ion:105 Resp: 6081

Ion	Ratio	Lower	Upper
105	100		
120	44.9	24.4	73.4

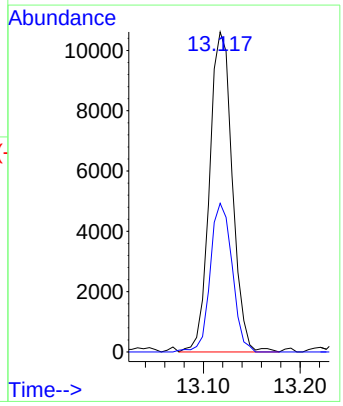


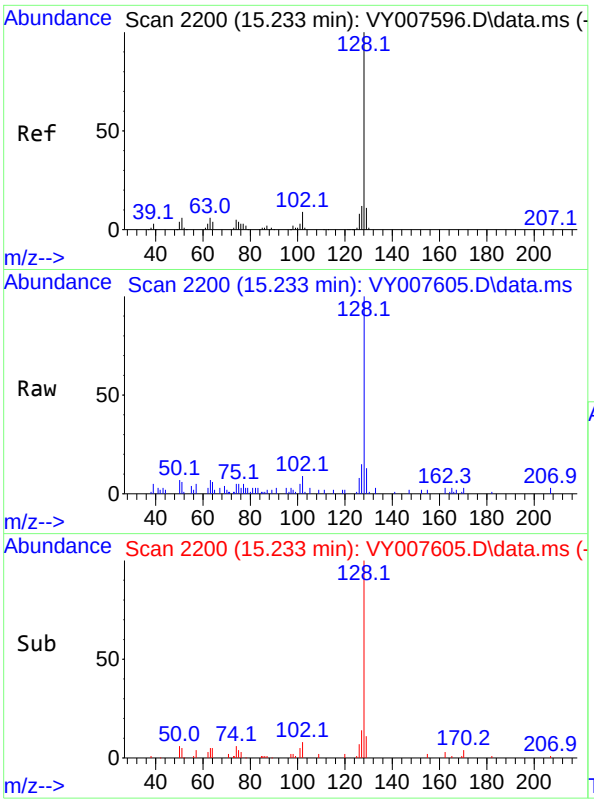


#84
1,2,4-Trimethylbenzene
Concen: 4.131 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007605.D
Acq: 23 Feb 2022 18:06

Tgt Ion:105 Resp: 17369

Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.3	66.9





#95
Naphthalene
Concen: 3.770 ug/l
RT: 15.233 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY007605.D
Acq: 23 Feb 2022 18:06

Instrument :
MSVOA_Y
ClientSampleId :
D12-7.5

Tgt Ion:128 Resp: 12518

Ion	Ratio	Lower	Upper
128	100		
127	15.9	11.0	16.4
129	14.8	8.4	12.6#