Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
Data File : VY004944.D
Acq On : 03 Jun 2021 18:09
Operator : SY/MD
Sample : M2589-14
Misc : 6.57G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 18-B11(0-2)

Quant Time: Jun 04 01:18:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.801	168	199341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	380757	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	390299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	166399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	142810	67.766	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 135.540%			
35) Dibromofluoromethane	7.728	113	113801	55.553	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.100%			
50) Toluene-d8	10.185	98	475135	55.847	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.700%			
62) 4-Bromofluorobenzene	12.483	95	180277	61.613	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 123.220%			
Target Compounds						Qvalue
16) Acetone	3.960	43	23886	47.084	ug/l	98
17) Carbon Disulfide	4.204	76	25986	4.125	ug/l	98
25) 2-Butanone	7.009	43	5299	6.212	ug/l	100
39) Methylcyclohexane	9.185	83	7275	1.767	ug/l	89
52) Toluene	10.246	92	8706	1.349	ug/l	99
68) m/p-Xylenes	11.697	106	9101	1.700	ug/l	97
69) o-Xylene	12.032	106	8740	1.753	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	30593	2.950	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	50554	4.906	ug/l	100
86) p-Isopropyltoluene	13.373	119	13370	1.221	ug/l	99
95) Naphthalene	15.239	128	133101	20.409	ug/l	99

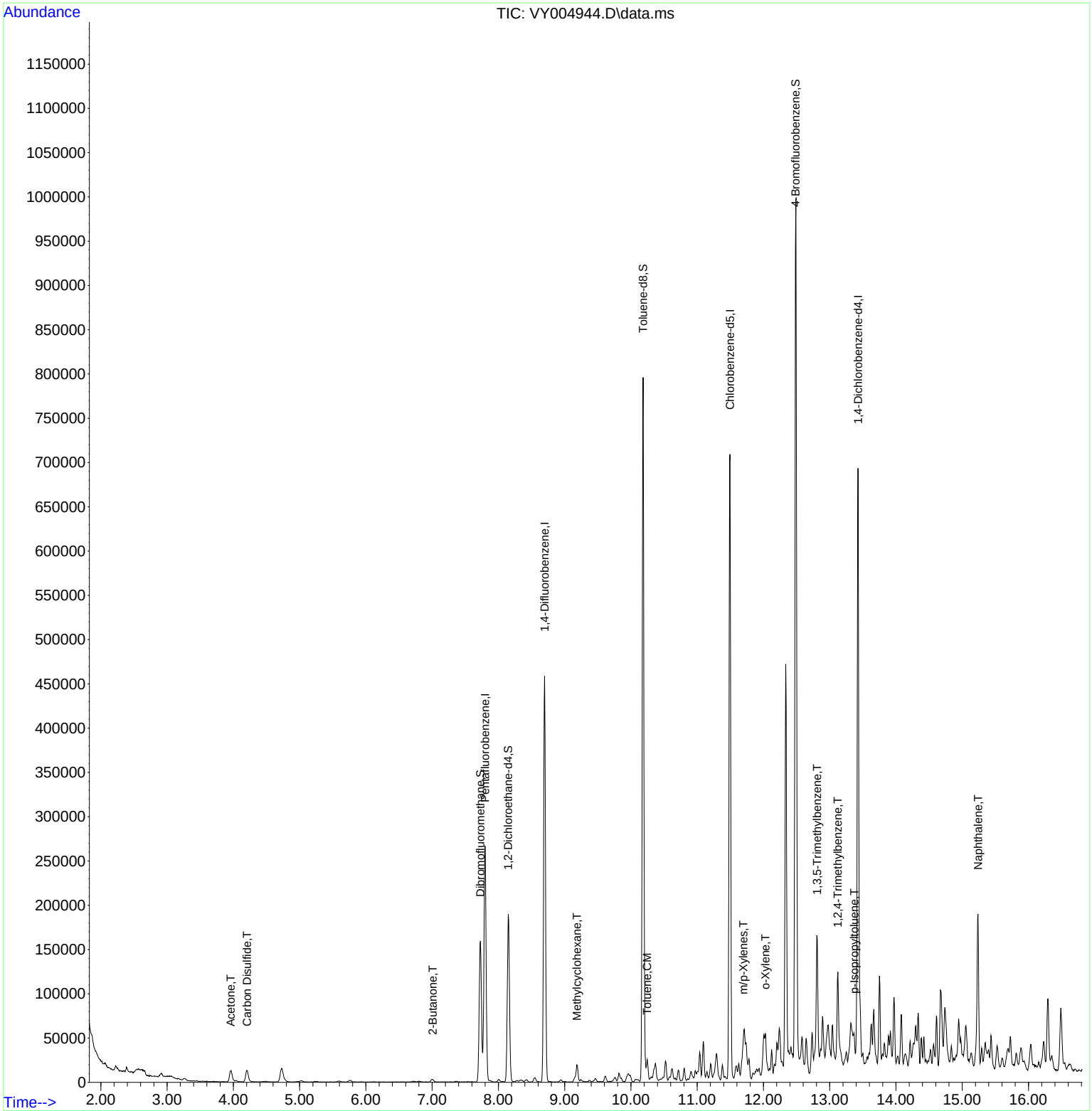
(#) = qualifier out of range (m) = manual integration (+) = signals summed

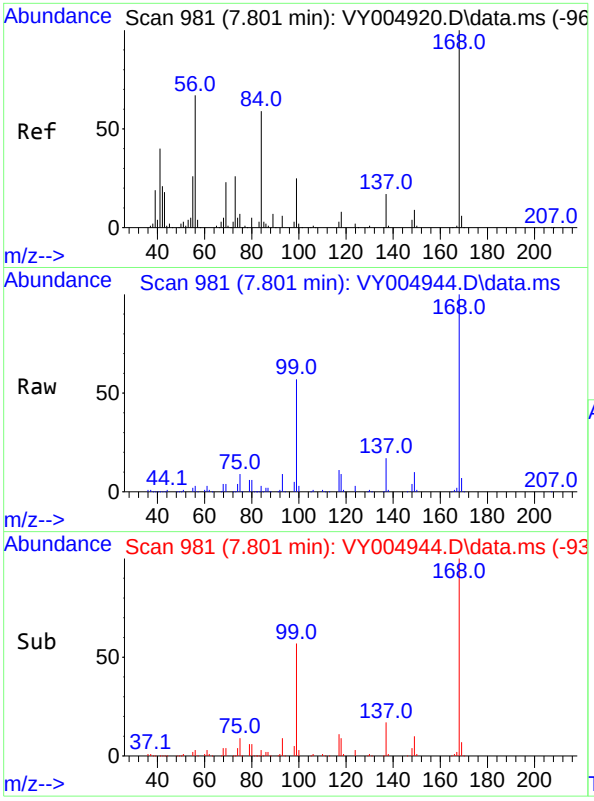
Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
Data File : VY004944.D
Acq On : 03 Jun 2021 18:09
Operator : SY/MD
Sample : M2589-14
Misc : 6.57G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
18-B11(0-2)

Quant Time: Jun 04 01:18:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
Response via : Initial Calibration

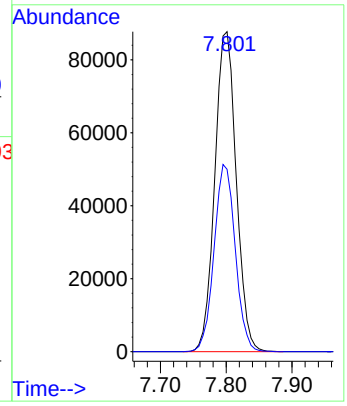




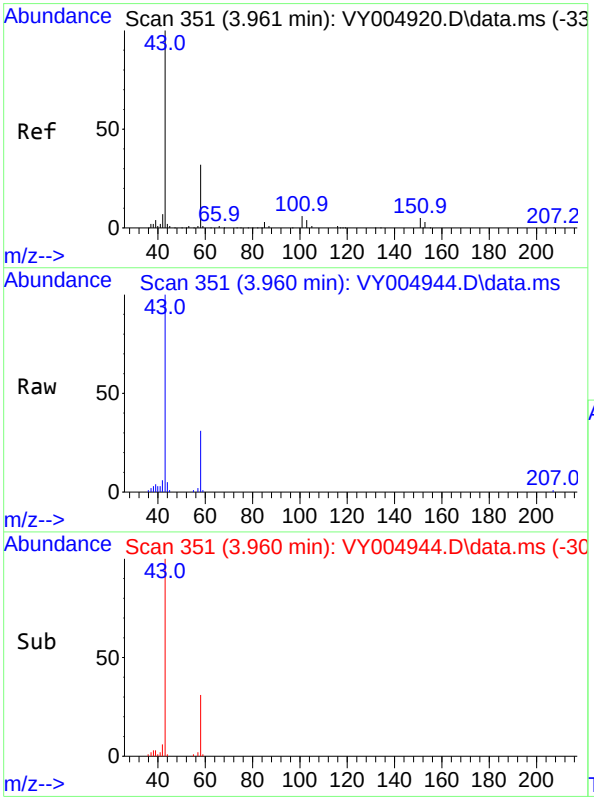
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004944.D
Acq: 03 Jun 2021 18:09

Tgt Ion:168 Resp: 199341

Ion	Ratio	Lower	Upper
168	100		
99	57.0	43.9	65.9



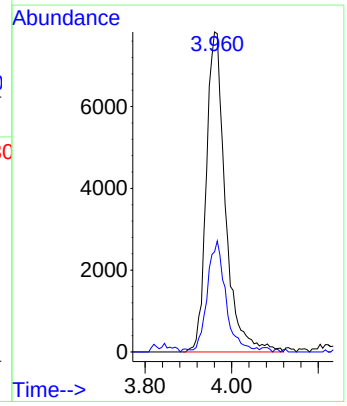
Instrument :
MSVOA_Y
ClientSampleId :
18-B11(0-2)



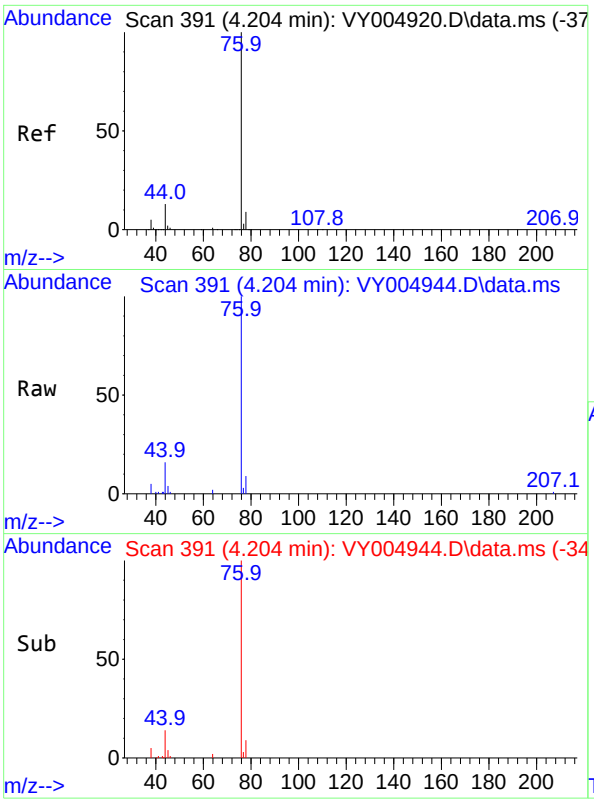
#16
Acetone
Concen: 47.084 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004944.D
Acq: 03 Jun 2021 18:09

Tgt Ion: 43 Resp: 23886

Ion	Ratio	Lower	Upper
43	100		
58	30.6	25.3	37.9



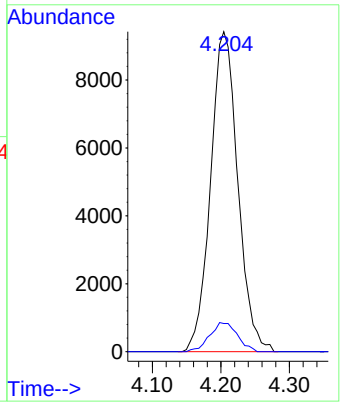
Instrument :
MSVOA_Y
ClientSampleId :
18-B11(0-2)

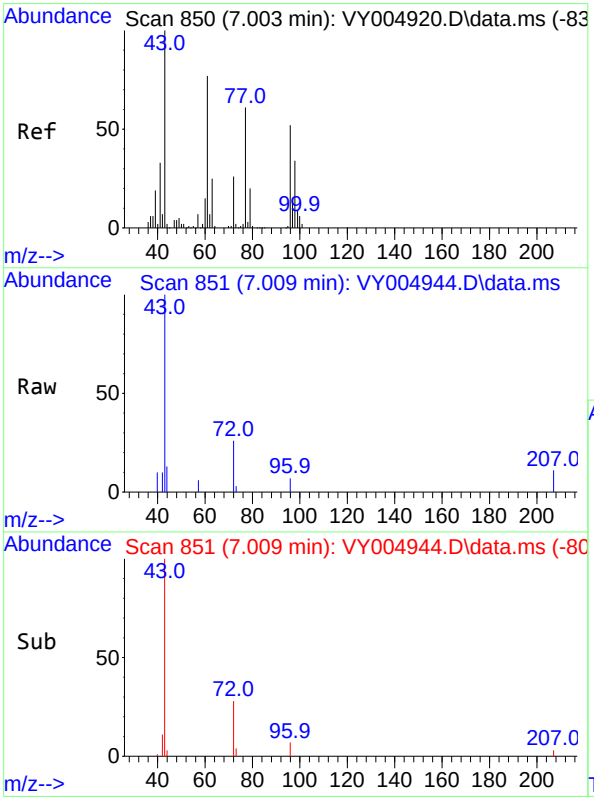


#17
Carbon Disulfide
Concen: 4.125 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY004944.D
Acq: 03 Jun 2021 18:09

Tgt Ion: 76 Resp: 25986

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.6	11.4

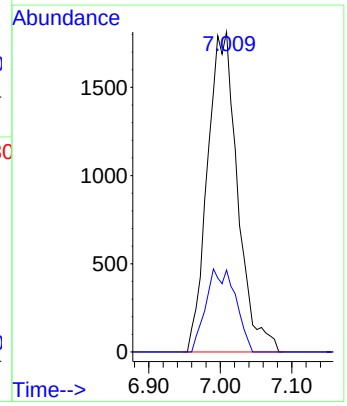




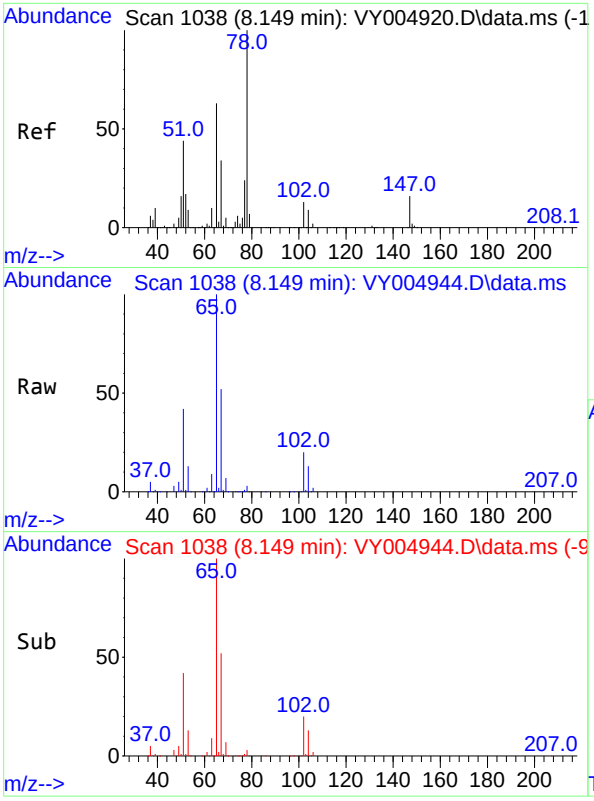
#25
2-Butanone
Concen: 6.212 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY004944.D
Acq: 03 Jun 2021 18:09

Tgt Ion: 43 Resp: 5299

Ion	Ratio	Lower	Upper
43	100		
72	25.6	20.6	31.0



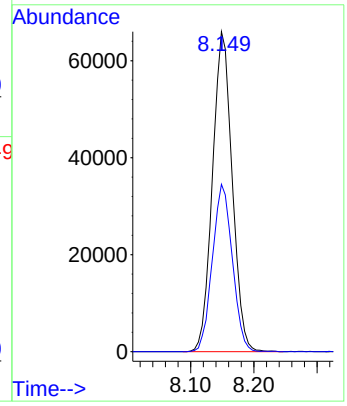
Instrument :
MSVOA_Y
ClientSampleId :
18-B11(0-2)

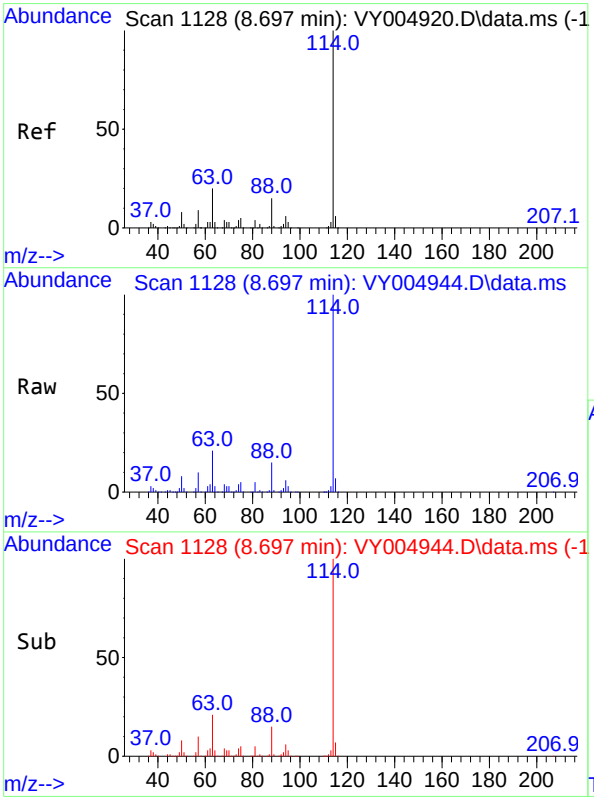


#33
1,2-Dichloroethane-d4
Concen: 67.766 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004944.D
Acq: 03 Jun 2021 18:09

Tgt Ion: 65 Resp: 142810

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	110.6

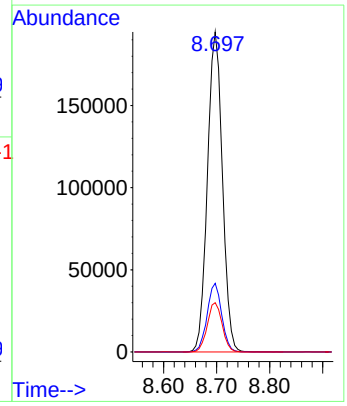




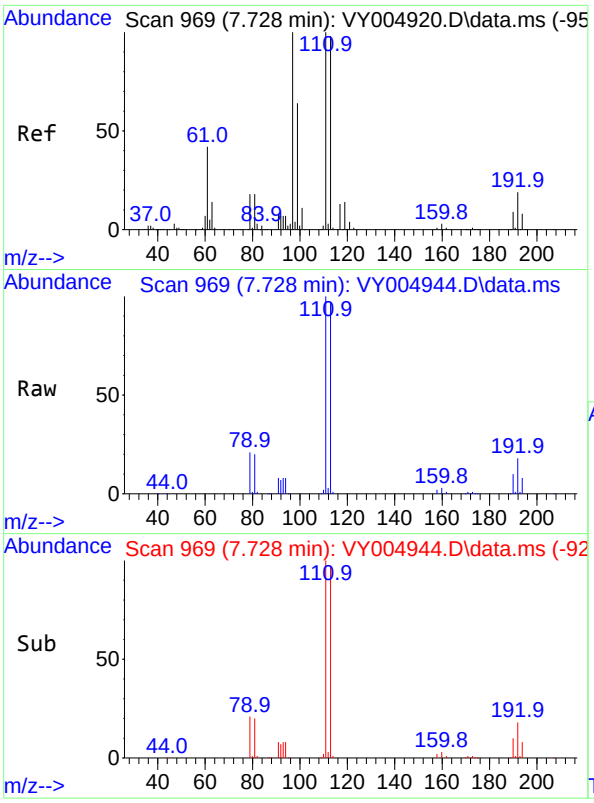
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004944.D
Acq: 03 Jun 2021 18:09

Tgt Ion:114 Resp: 380757

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	41.0
88	15.4	0.0	30.6



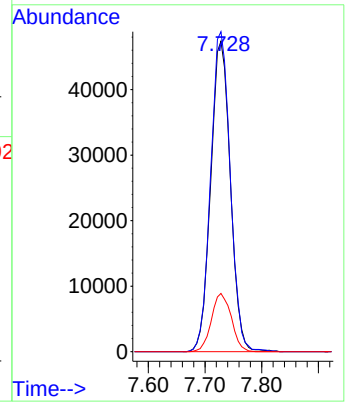
Instrument :
MSVOA_Y
ClientSampleId :
18-B11(0-2)

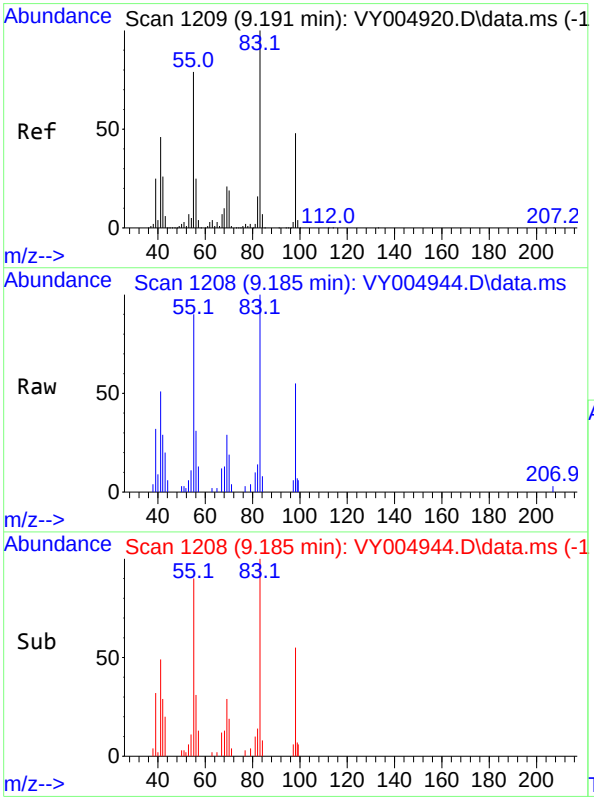


#35
Dibromofluoromethane
Concen: 55.553 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004944.D
Acq: 03 Jun 2021 18:09

Tgt Ion:113 Resp: 113801

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.8	122.8
192	19.0	15.3	22.9

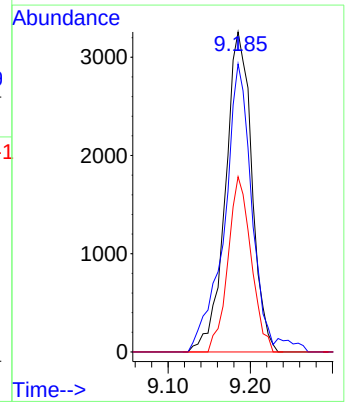




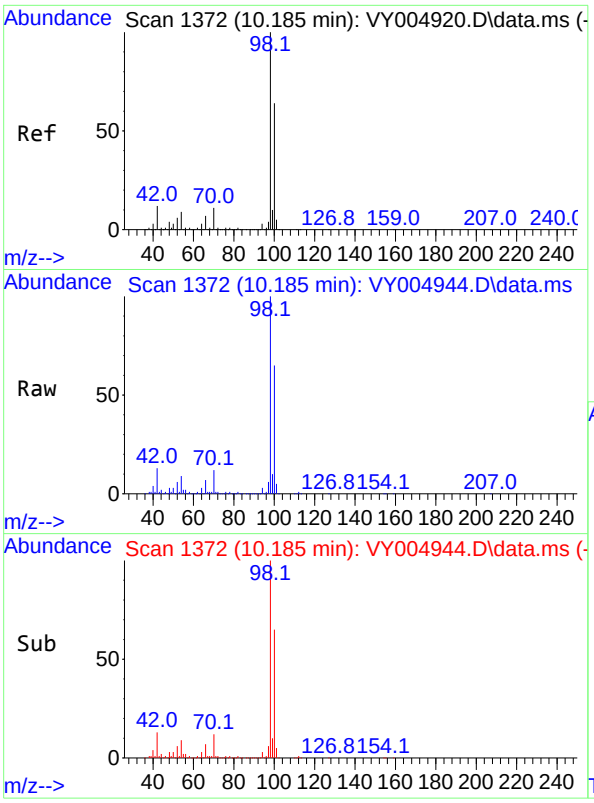
#39
Methylcyclohexane
Concen: 1.767 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY004944.D
Acq: 03 Jun 2021 18:09

Tgt Ion: 83 Resp: 7275

Ion	Ratio	Lower	Upper
83	100		
55	90.0	63.1	94.7
98	54.7	38.6	58.0



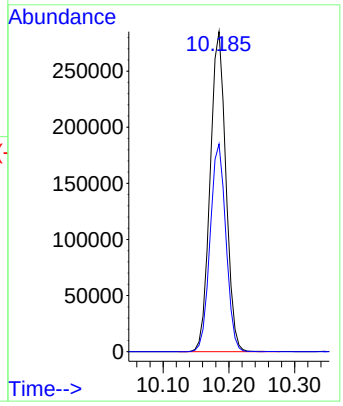
Instrument :
MSVOA_Y
ClientSampleId :
18-B11(0-2)

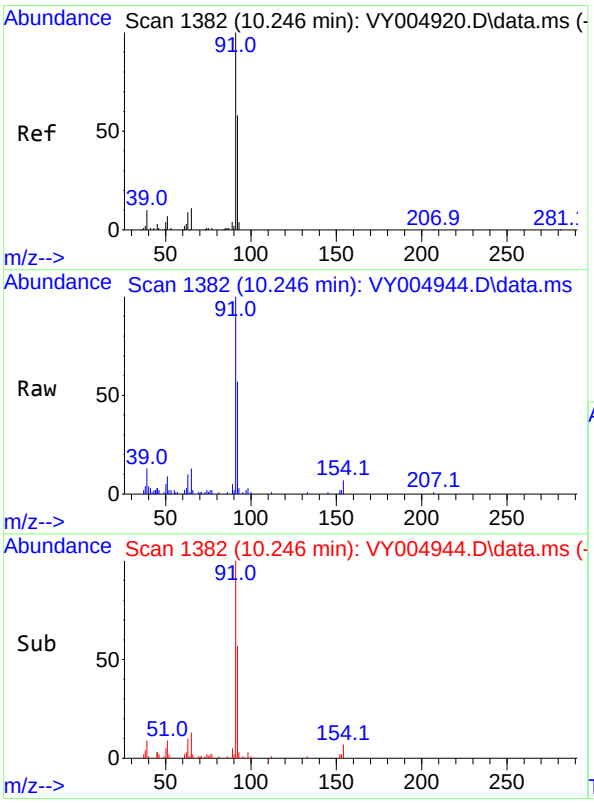


#50
Toluene-d8
Concen: 55.847 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004944.D
Acq: 03 Jun 2021 18:09

Tgt Ion: 98 Resp: 475135

Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.8	77.6

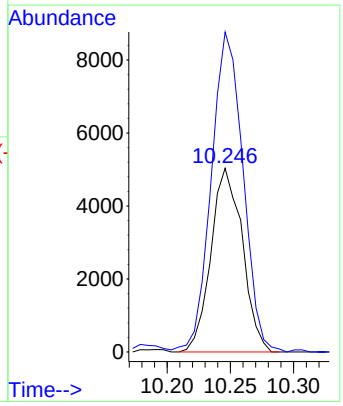




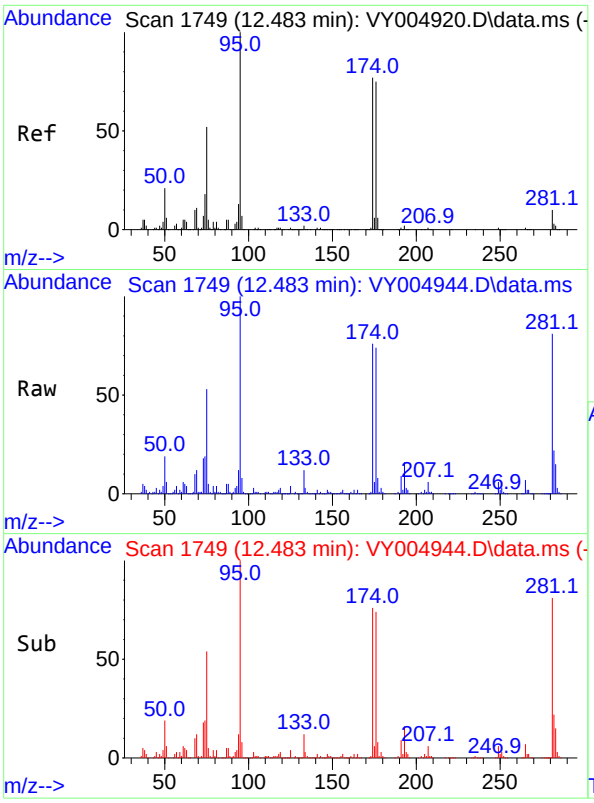
#52
Toluene
Concen: 1.349 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY004944.D
Acq: 03 Jun 2021 18:09

Tgt Ion: 92 Resp: 8706

Ion	Ratio	Lower	Upper
92	100		
91	175.5	139.3	208.9



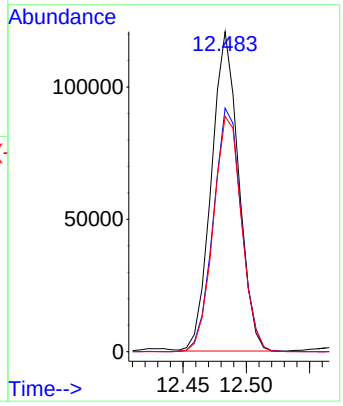
Instrument :
MSVOA_Y
ClientSampleId :
18-B11(0-2)

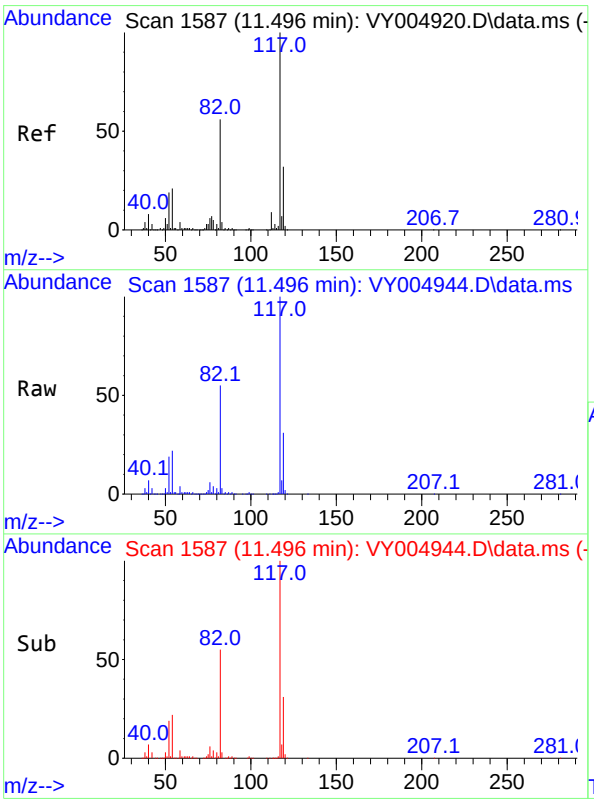


#62
4-Bromofluorobenzene
Concen: 61.613 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004944.D
Acq: 03 Jun 2021 18:09

Tgt Ion: 95 Resp: 180277

Ion	Ratio	Lower	Upper
95	100		
174	78.8	0.0	160.8
176	76.6	0.0	155.6

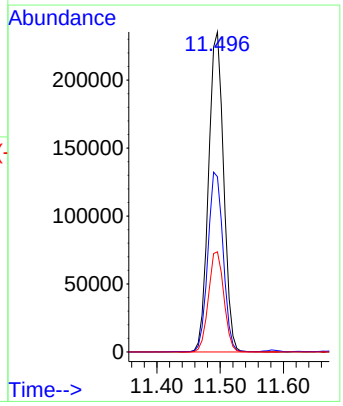




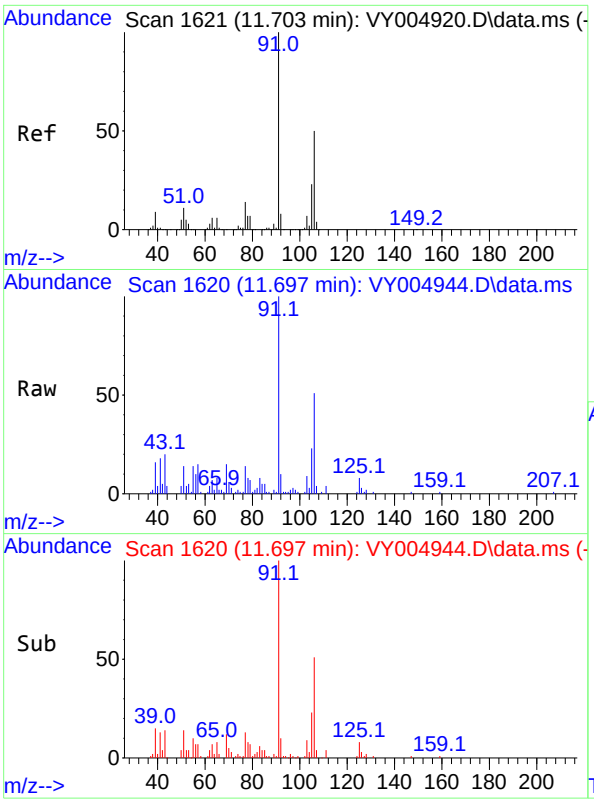
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004944.D
Acq: 03 Jun 2021 18:09

Tgt Ion:117 Resp: 390299

Ion	Ratio	Lower	Upper
117	100		
82	54.6	44.8	67.2
119	31.3	25.2	37.8



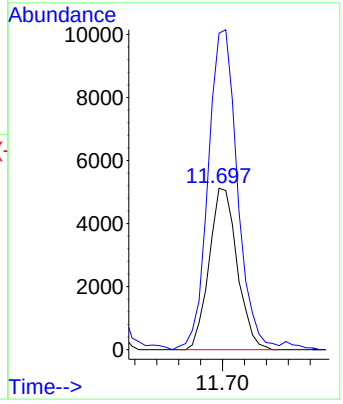
Instrument :
MSVOA_Y
ClientSampleId :
18-B11(0-2)

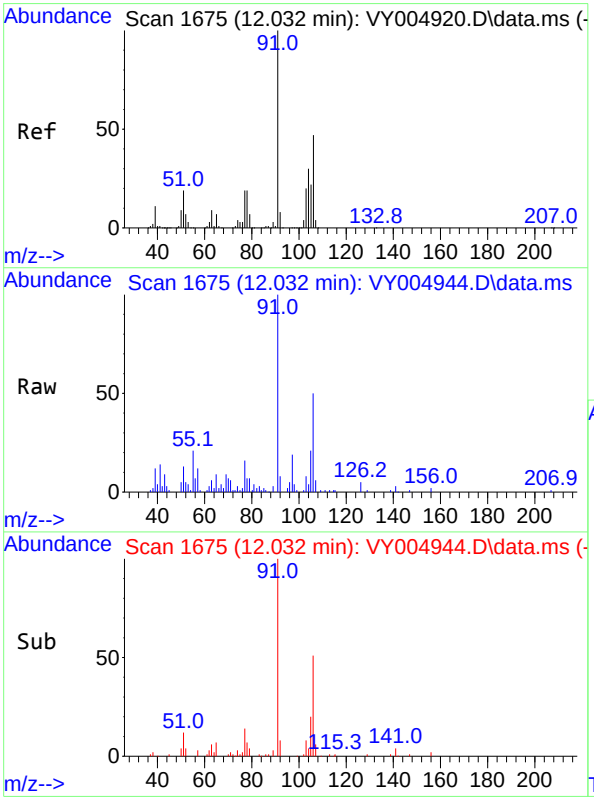


#68
m/p-Xylenes
Concen: 1.700 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY004944.D
Acq: 03 Jun 2021 18:09

Tgt Ion:106 Resp: 9101

Ion	Ratio	Lower	Upper
106	100		
91	206.9	161.9	242.9

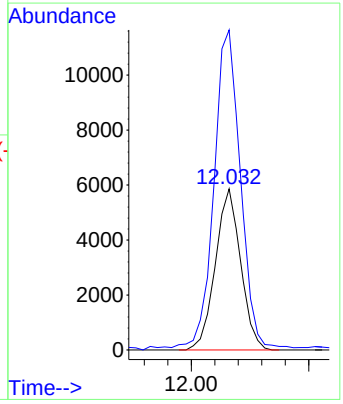




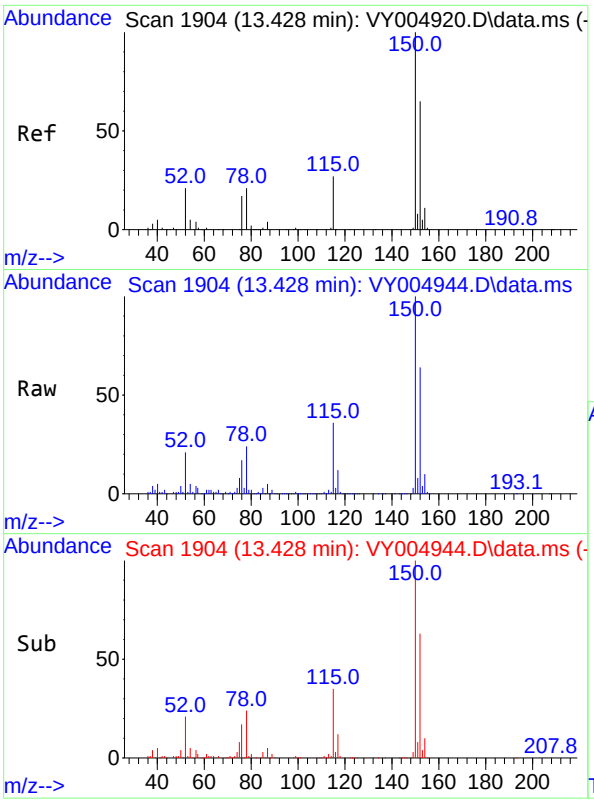
#69
o-Xylene
Concen: 1.753 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY004944.D
Acq: 03 Jun 2021 18:09

Tgt Ion:106 Resp: 8740

Ion	Ratio	Lower	Upper
106	100		
91	212.3	108.0	324.0



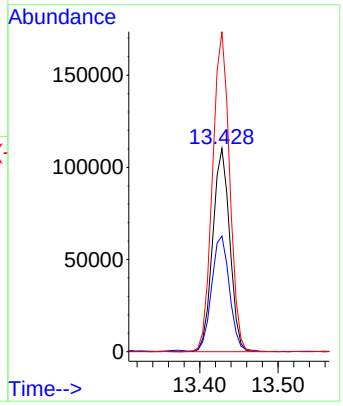
Instrument :
MSVOA_Y
ClientSampleId :
18-B11(0-2)

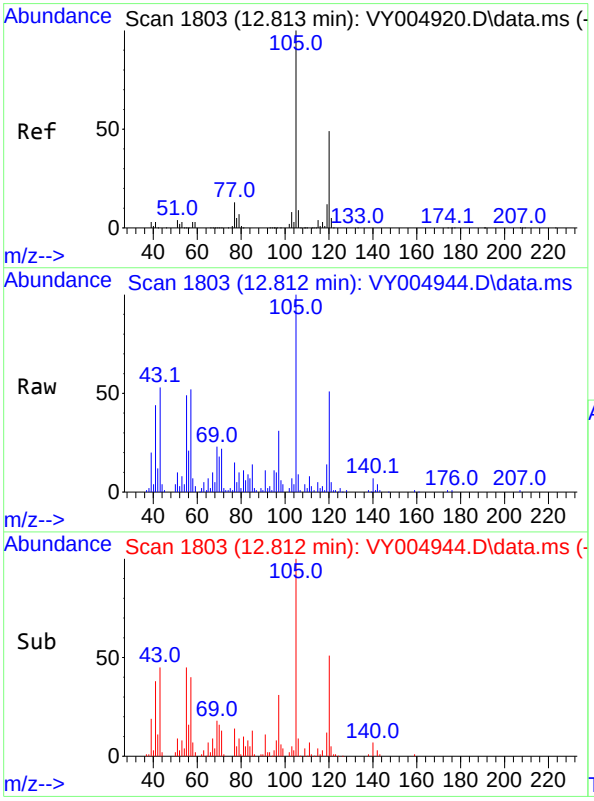


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004944.D
Acq: 03 Jun 2021 18:09

Tgt Ion:152 Resp: 166399

Ion	Ratio	Lower	Upper
152	100		
115	59.8	29.9	89.7
150	158.1	0.0	347.8

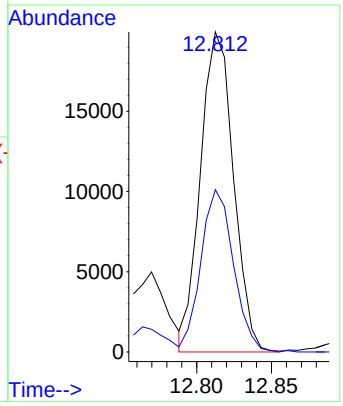




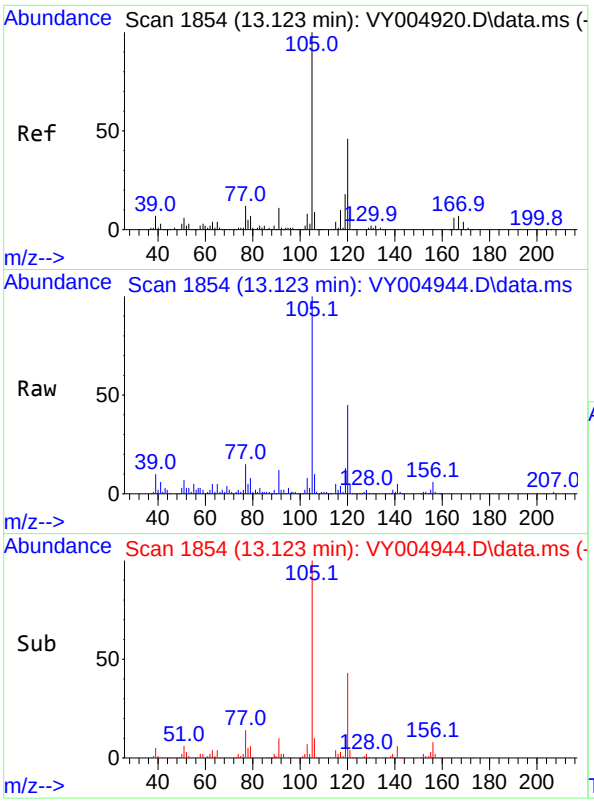
#80
1,3,5-Trimethylbenzene
Concen: 2.950 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY004944.D
Acq: 03 Jun 2021 18:09

Tgt Ion:105 Resp: 30593

Ion	Ratio	Lower	Upper
105	100		
120	50.2	24.5	73.5



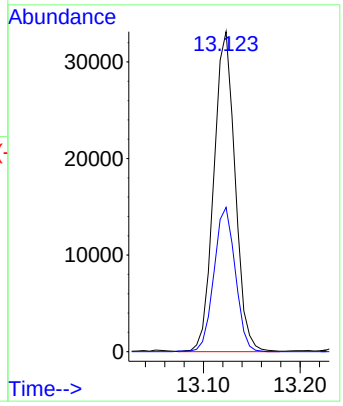
Instrument :
MSVOA_Y
ClientSampleId :
18-B11(0-2)

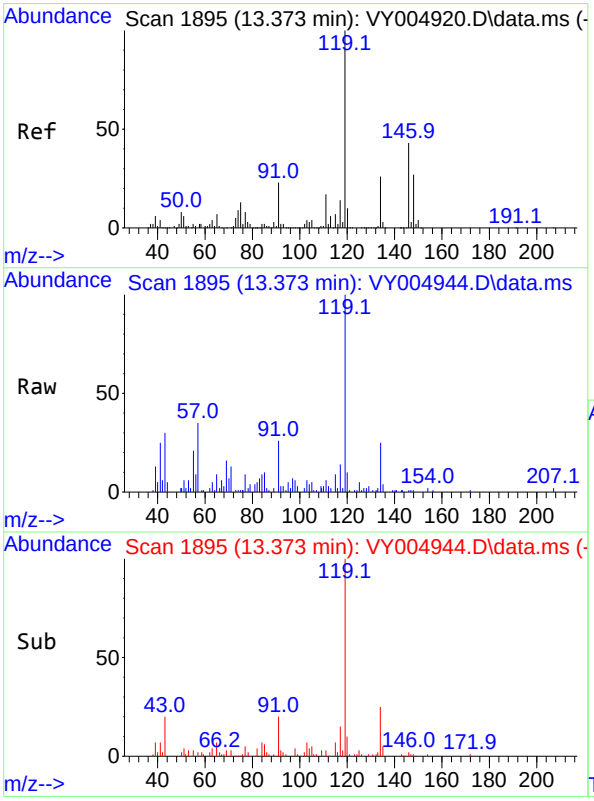


#84
1,2,4-Trimethylbenzene
Concen: 4.906 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004944.D
Acq: 03 Jun 2021 18:09

Tgt Ion:105 Resp: 50554

Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.6	67.7

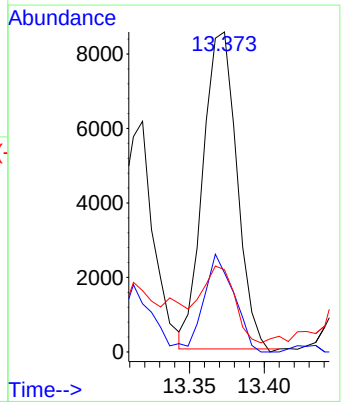


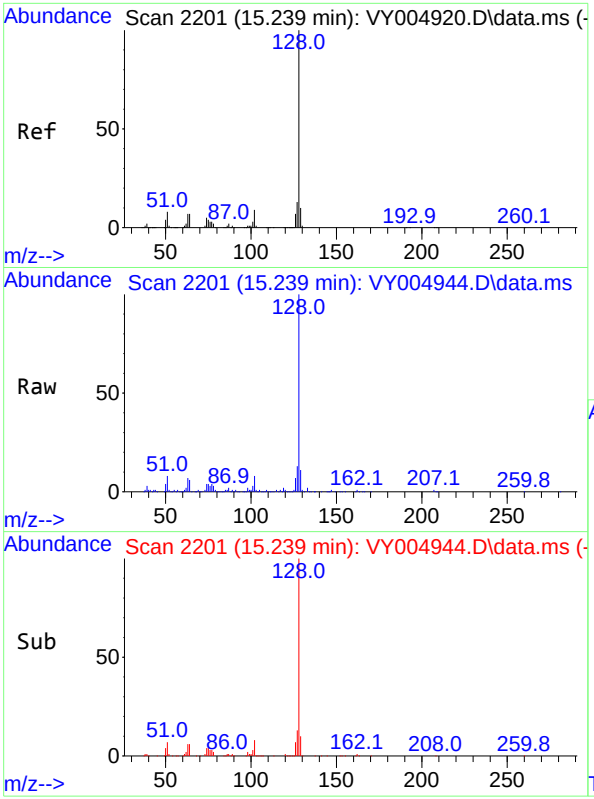


#86
p-Isopropyltoluene
Concen: 1.221 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY004944.D
Acq: 03 Jun 2021 18:09

Tgt Ion:119 Resp: 13370

Ion	Ratio	Lower	Upper
119	100		
134	26.9	12.9	38.7
91	23.7	11.9	35.5

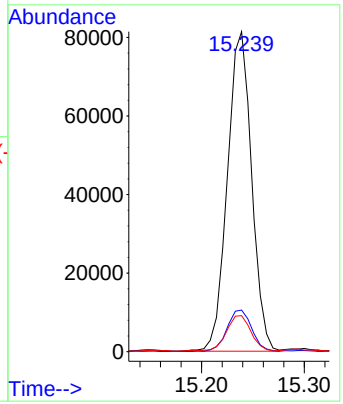




#95
Naphthalene
Concen: 20.409 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004944.D
Acq: 03 Jun 2021 18:09

Tgt Ion:128 Resp: 133101

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	11.5	8.7	13.1



Instrument :
MSVOA_Y
ClientSampleId :
18-B11(0-2)