Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070721\
Data File : VY005363.D
Acq On : 07 Jul 2021 14:04
Operator : SY/MD
Sample : M2933-04
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 4

Quant Time: Jul 08 11:33:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 07:57:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.801	168	170209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	272956	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	271502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139605	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	96147	68.07	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 136.14%			
35) Dibromofluoromethane	7.728	113	85615	53.18	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.36%			
50) Toluene-d8	10.184	98	335037	52.04	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.08%			
62) 4-Bromofluorobenzene	12.483	95	116036	54.09	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.18%			
Target Compounds						Qvalue
52) Toluene	10.245	92	4992	1.10	ug/l	99
68) m/p-Xylenes	11.702	106	15192	4.09	ug/l	99
69) o-Xylene	12.032	106	10313	2.93	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	12153	1.62	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	52403	7.08	ug/l	99

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

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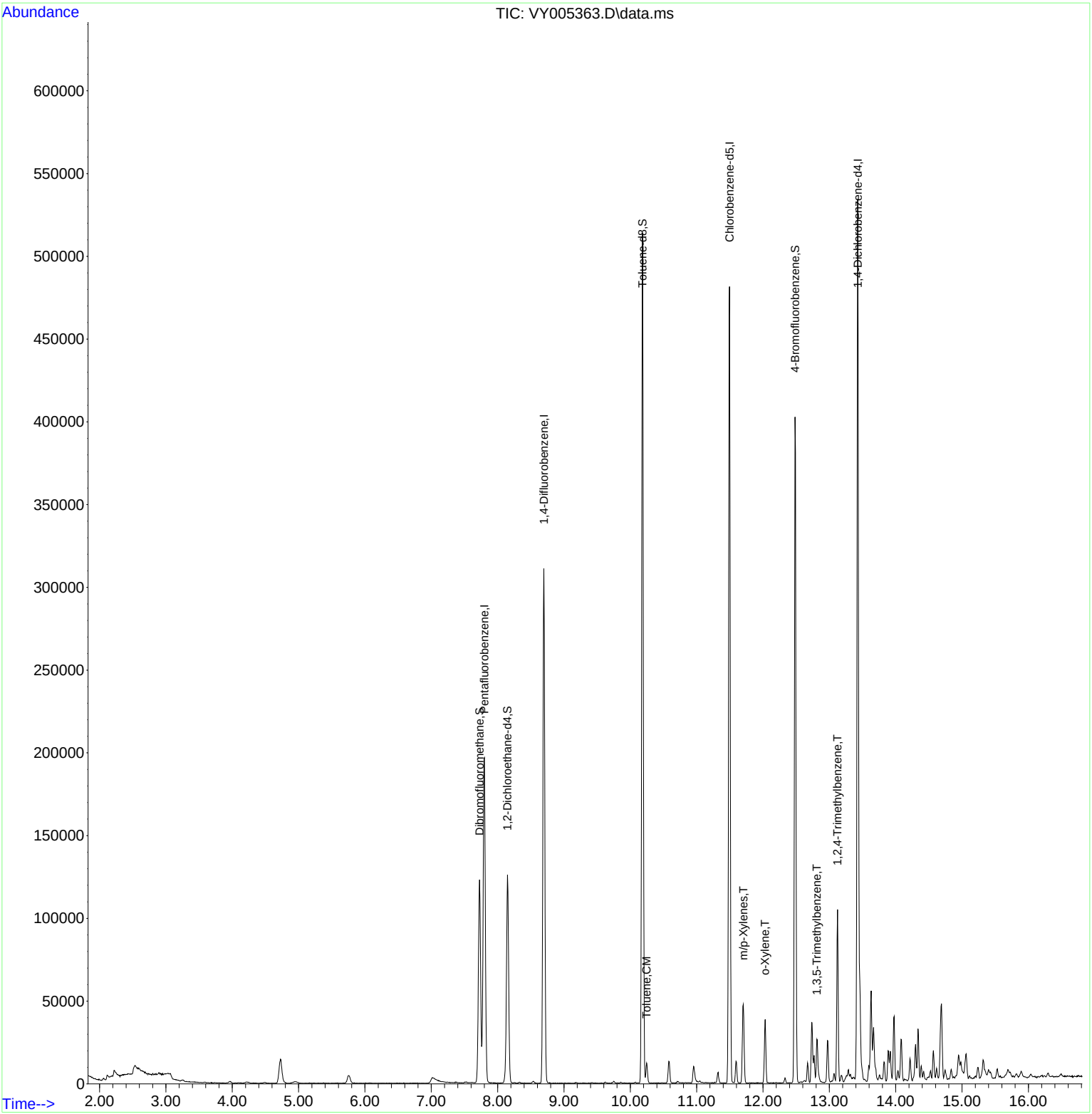
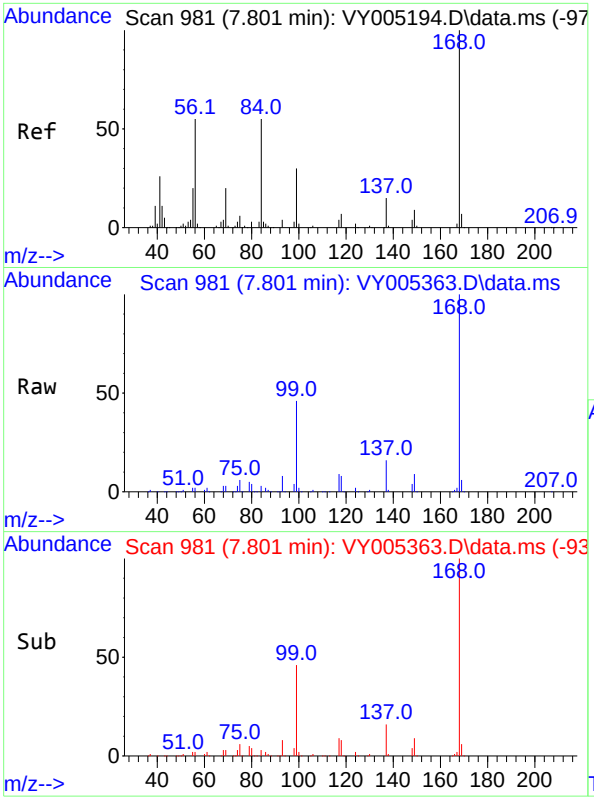


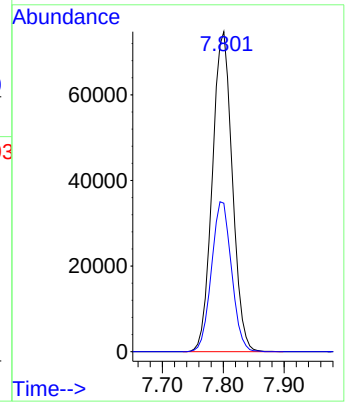
Instrument :
MSVOA_Y
ClientSampleId :
4

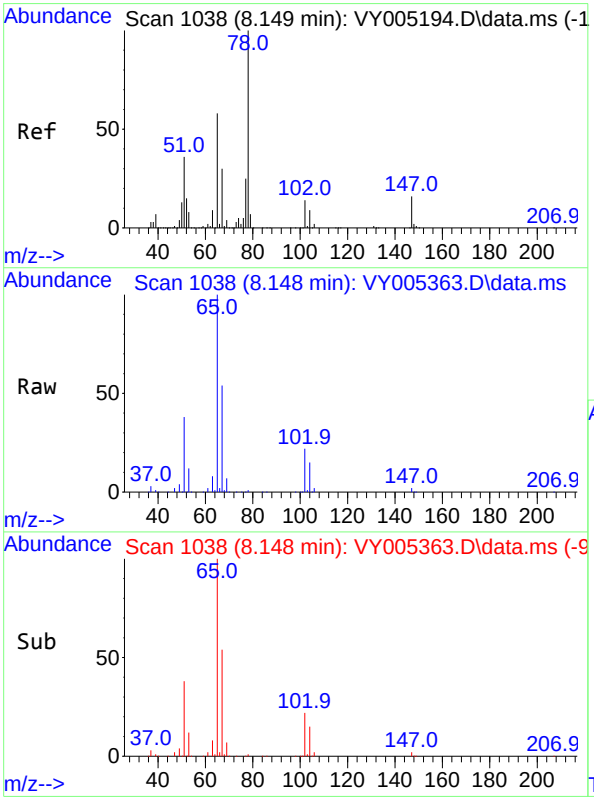


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005363.D
Acq: 07 Jul 2021 14:04

Tgt Ion:168 Resp: 170209

Ion	Ratio	Lower	Upper
168	100		
99	46.4	36.2	54.4

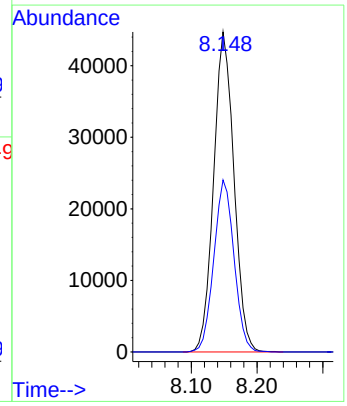




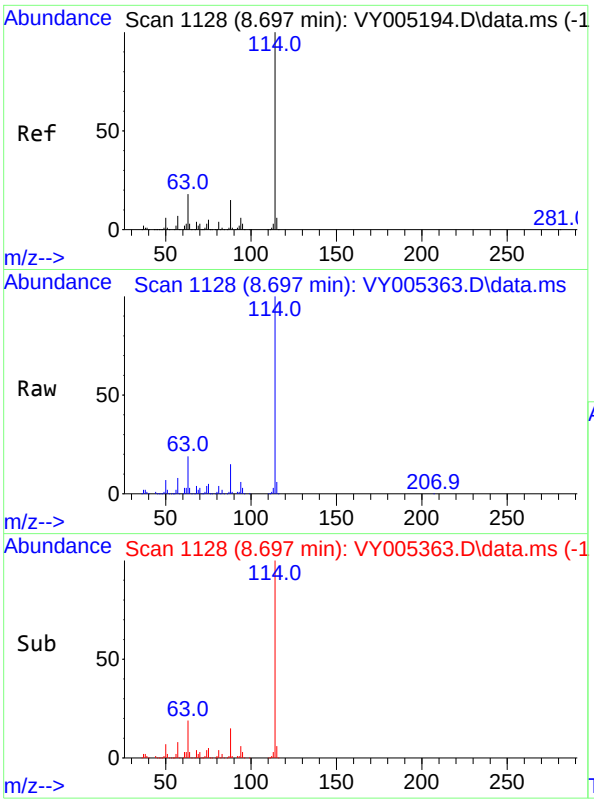
#33
1,2-Dichloroethane-d4
Concen: 68.07 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005363.D
Acq: 07 Jul 2021 14:04

Tgt Ion: 65 Resp: 96147

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	110.6



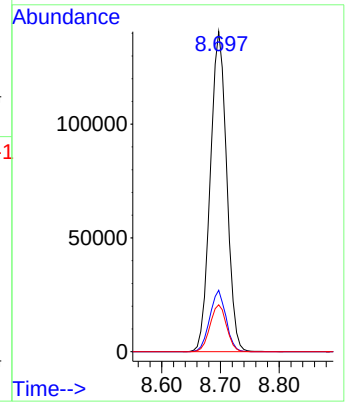
Instrument :
MSVOA_Y
ClientSampleId :
4

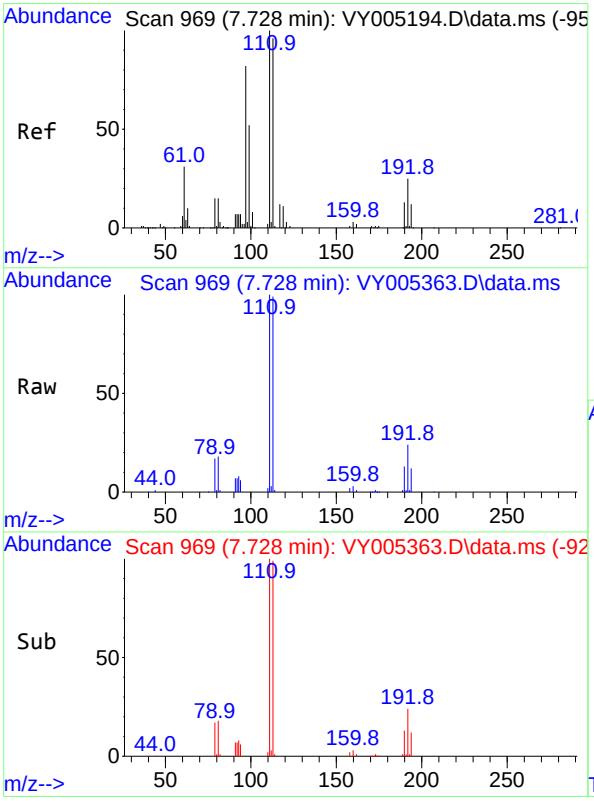


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005363.D
Acq: 07 Jul 2021 14:04

Tgt Ion:114 Resp: 272956

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	35.2
88	14.6	0.0	29.4

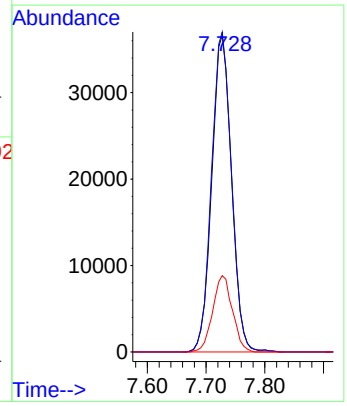


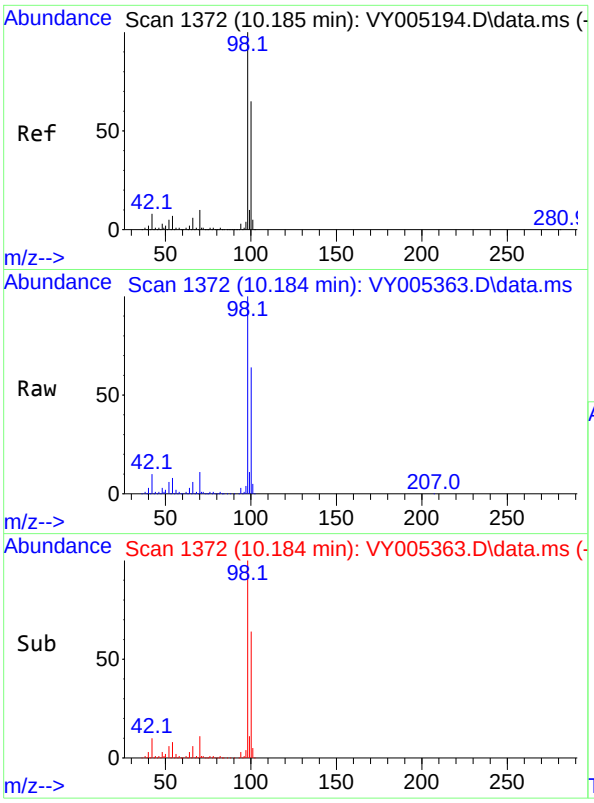


#35
Dibromofluoromethane
Concen: 53.18 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005363.D
Acq: 07 Jul 2021 14:04

Tgt Ion:113 Resp: 85615

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	124.0
192	24.0	20.2	30.2

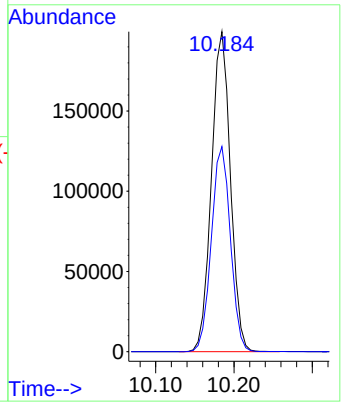




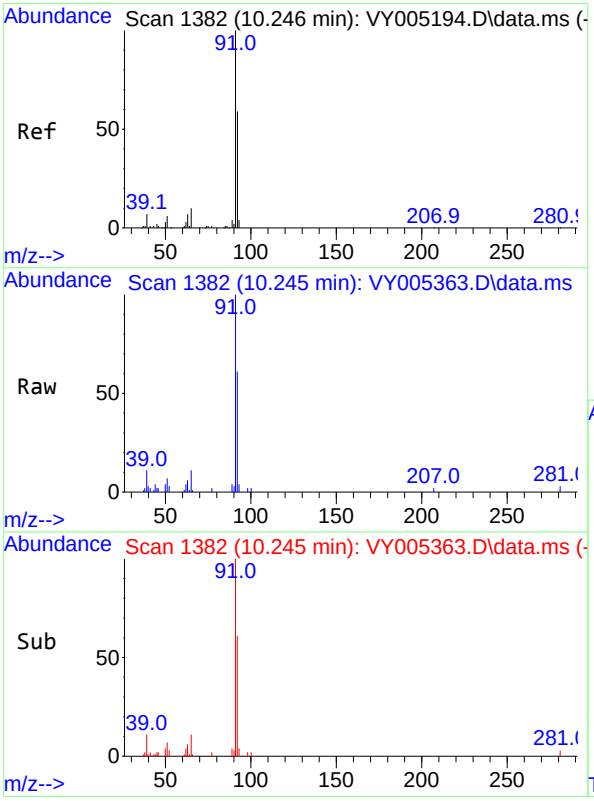
#50
Toluene-d8
Concen: 52.04 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005363.D
Acq: 07 Jul 2021 14:04

Tgt Ion: 98 Resp: 335037

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.9	77.9



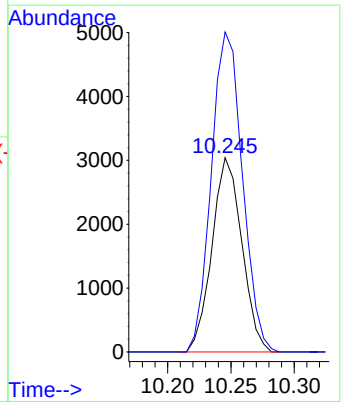
Instrument :
MSVOA_Y
ClientSampleId :
4



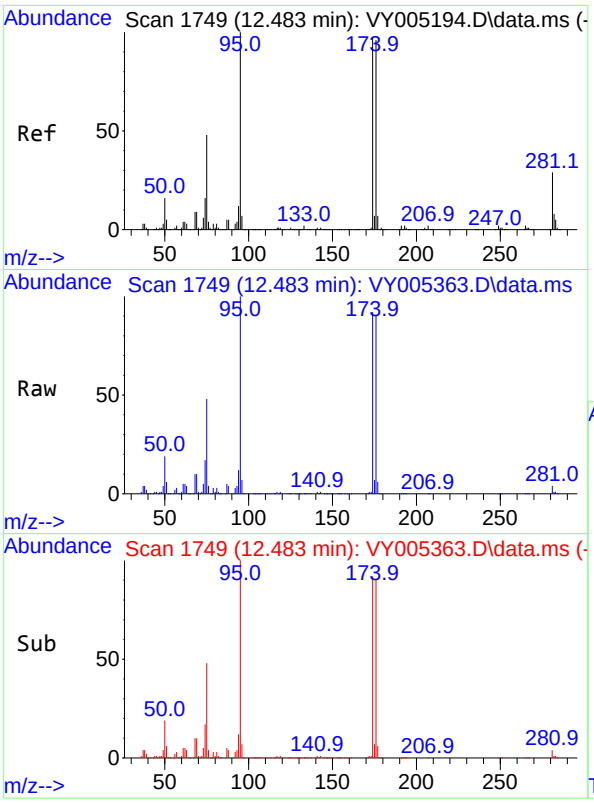
#52
Toluene
Concen: 1.10 ug/l
RT: 10.245 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY005363.D
Acq: 07 Jul 2021 14:04

Tgt Ion: 92 Resp: 4992

Ion	Ratio	Lower	Upper
92	100		
91	171.4	138.3	207.5



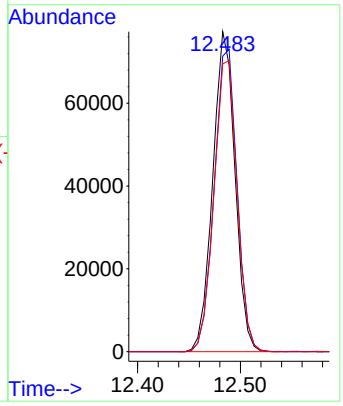
Instrument :
MSVOA_Y
ClientSampleId :
4

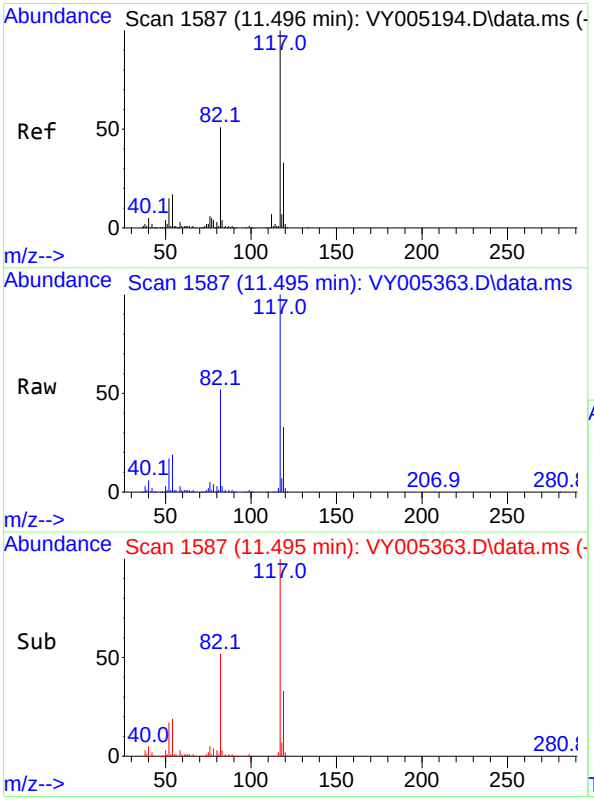


#62
4-Bromofluorobenzene
Concen: 54.09 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005363.D
Acq: 07 Jul 2021 14:04

Tgt Ion: 95 Resp: 116036

Ion	Ratio	Lower	Upper
95	100		
174	97.1	0.0	201.6
176	94.5	0.0	197.4

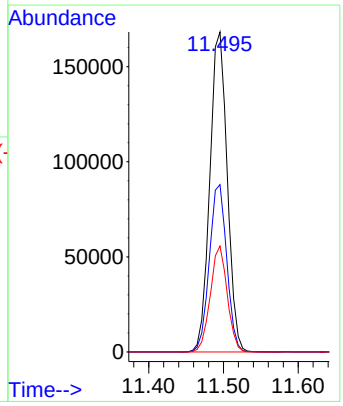




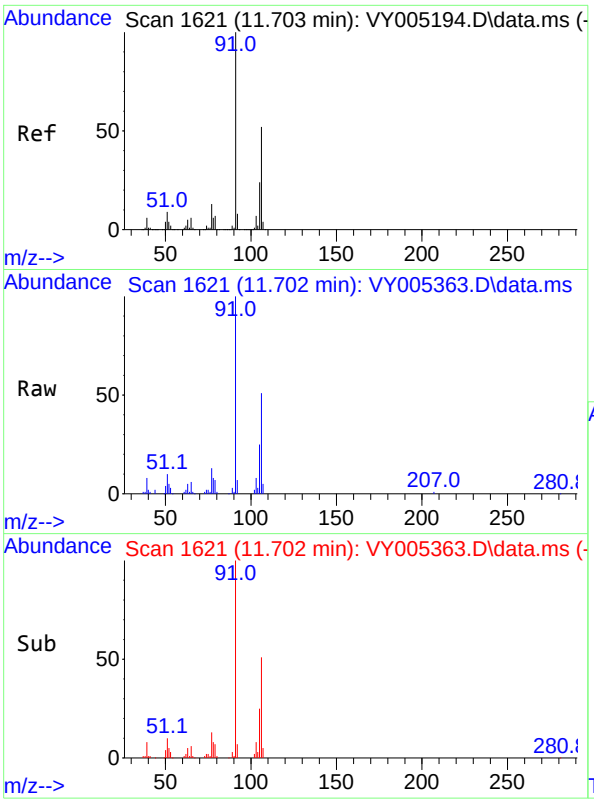
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005363.D
Acq: 07 Jul 2021 14:04

Tgt Ion:117 Resp: 271502

Ion	Ratio	Lower	Upper
117	100		
82	52.3	40.6	60.8
119	33.1	26.1	39.1



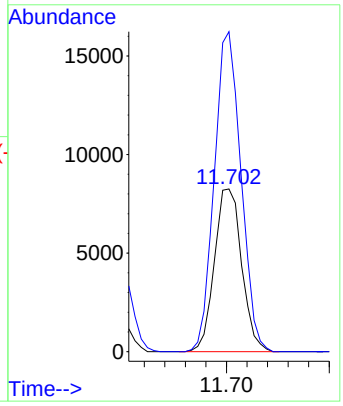
Instrument :
MSVOA_Y
ClientSampleId :
4

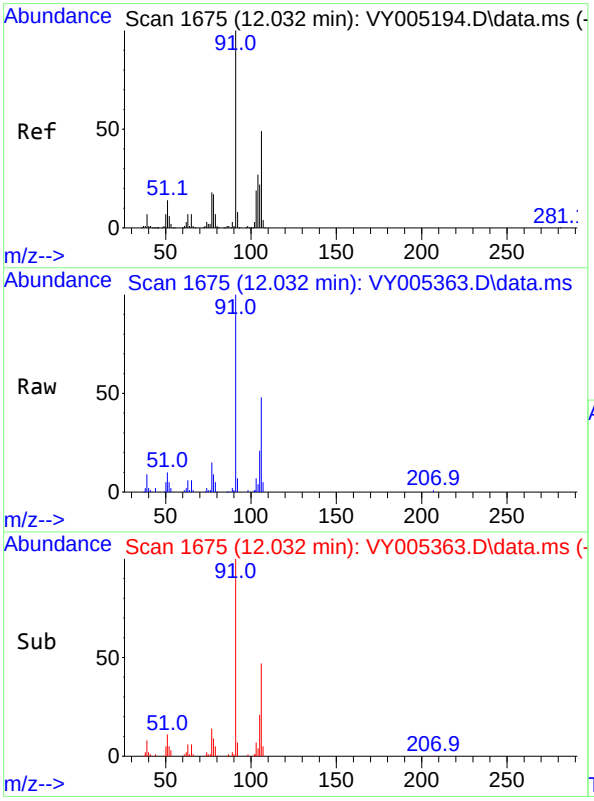


#68
m/p-Xylenes
Concen: 4.09 ug/l
RT: 11.702 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY005363.D
Acq: 07 Jul 2021 14:04

Tgt Ion:106 Resp: 15192

Ion	Ratio	Lower	Upper
106	100		
91	192.4	154.8	232.2

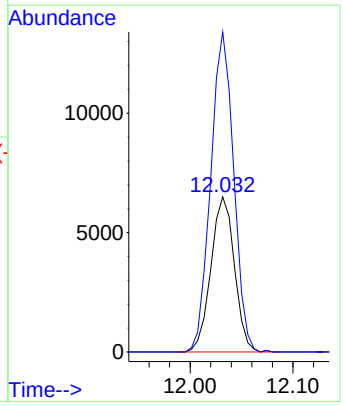


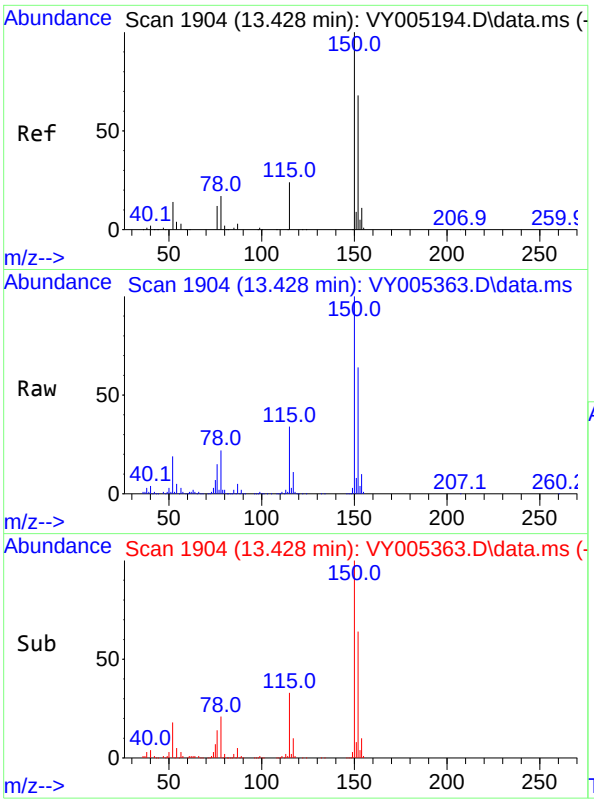


#69
o-Xylene
Concen: 2.93 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY005363.D
Acq: 07 Jul 2021 14:04

Tgt Ion:106 Resp: 10313

Ion	Ratio	Lower	Upper
106	100		
91	202.2	101.6	304.8

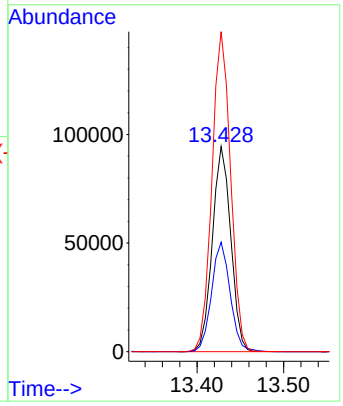




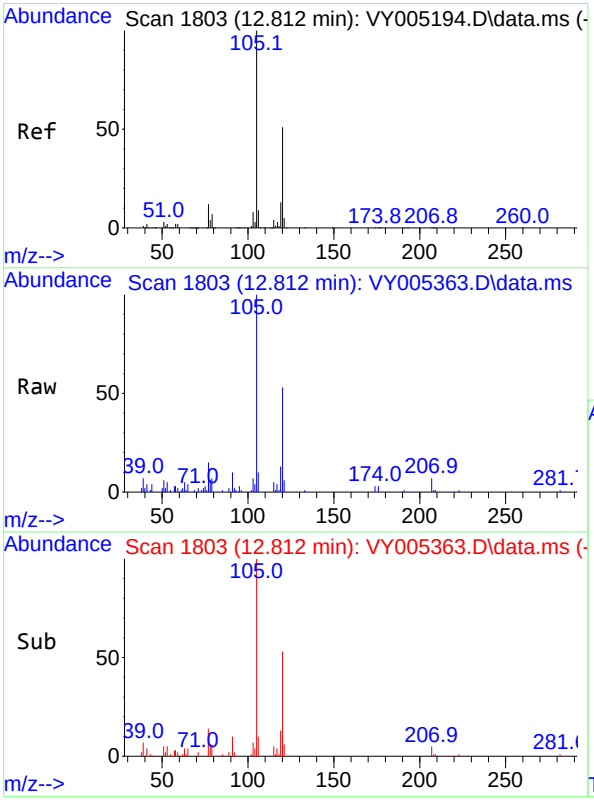
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005363.D
Acq: 07 Jul 2021 14:04

Tgt Ion:152 Resp: 139605

Ion	Ratio	Lower	Upper
152	100		
115	54.0	26.3	78.8
150	157.6	0.0	344.2



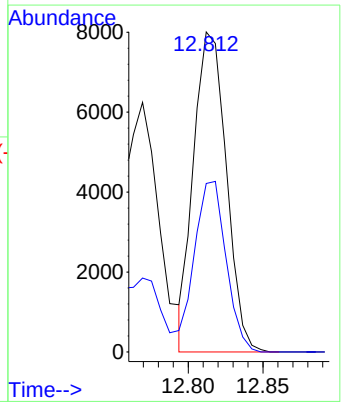
Instrument :
MSVOA_Y
ClientSampleId :
4

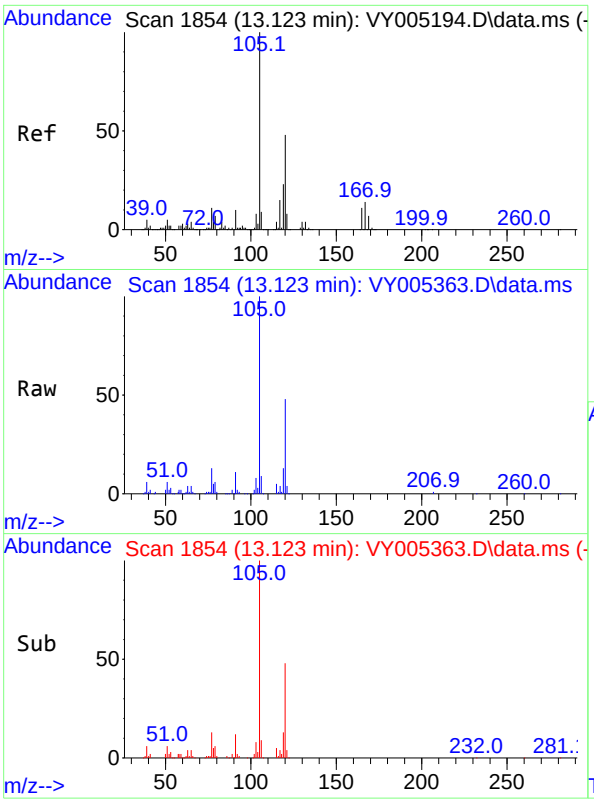


#80
1,3,5-Trimethylbenzene
Concen: 1.62 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY005363.D
Acq: 07 Jul 2021 14:04

Tgt Ion:105 Resp: 12153

Ion	Ratio	Lower	Upper
105	100		
120	52.7	25.9	77.7

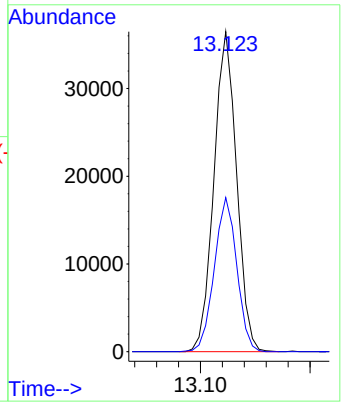




#84
1,2,4-Trimethylbenzene
Concen: 7.08 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY005363.D
Acq: 07 Jul 2021 14:04

Tgt Ion:105 Resp: 52403

Ion	Ratio	Lower	Upper
105	100		
120	47.8	23.6	71.0



Instrument :
MSVOA_Y
ClientSampleId :
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