Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070221\
Data File : VY005345.D
Acq On : 02 Jul 2021 16:18
Operator : SY/MD
Sample : M2933-05
Misc : 5.01G/5ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 5

Quant Time: Jul 05 01:06:28 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	7.795	168	106087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	163732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	164383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	56907	64.640	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 129.280%			
35) Dibromofluoromethane	7.721	113	55914	57.905	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.800%			
50) Toluene-d8	10.184	98	200518	51.926	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.860%			
62) 4-Bromofluorobenzene	12.483	95	66183	51.433	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.860%			
Target Compounds						Qvalue
16) Acetone	3.960	43	5772	28.381	ug/l #	86
52) Toluene	10.251	92	9098	3.348	ug/l	91
68) m/p-Xylenes	11.702	106	7447	3.308	ug/l	98
69) o-Xylene	12.032	106	3522	1.652	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	10528	2.364	ug/l	98

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

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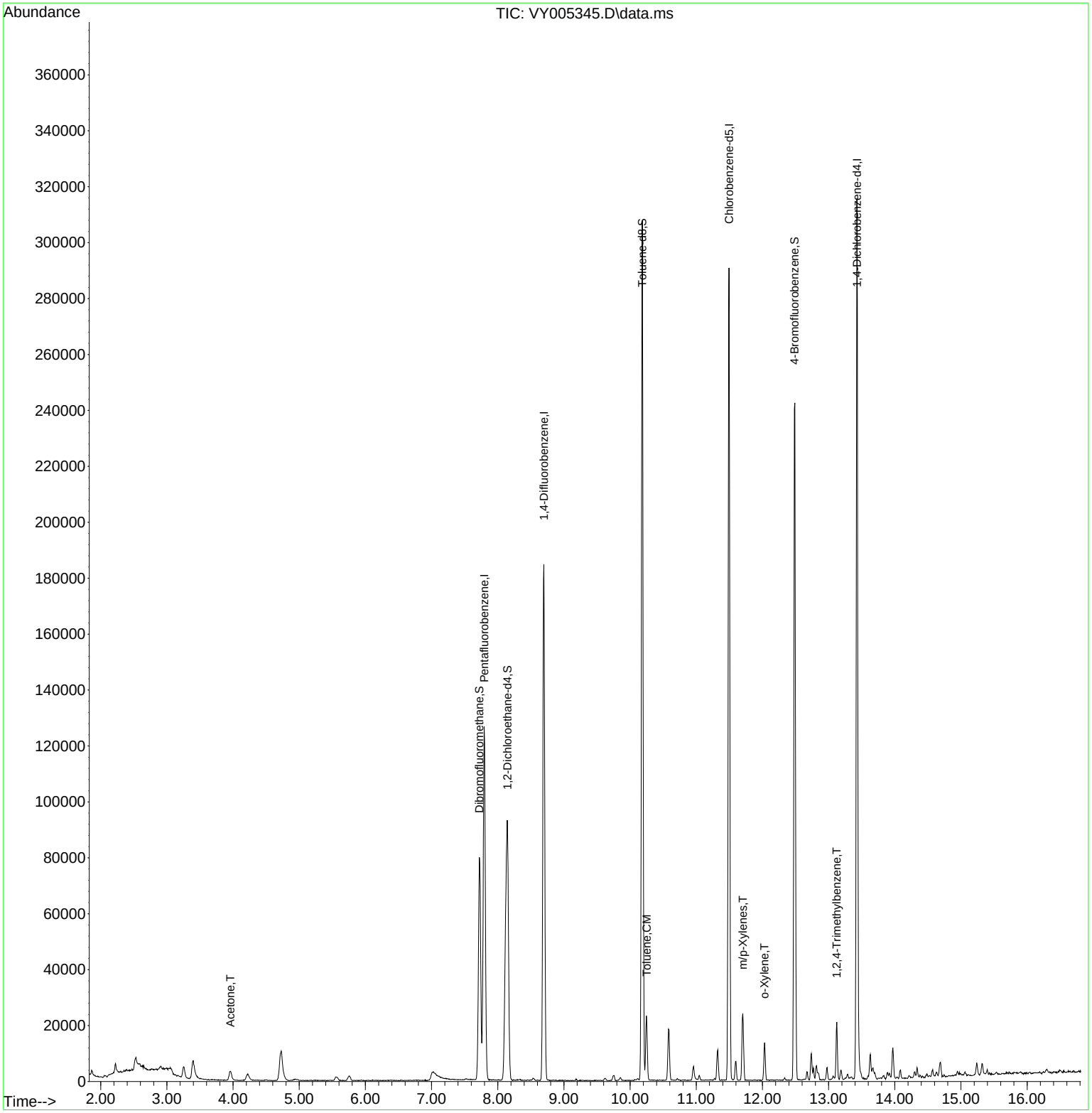

Instrument :
MSVOA_Y
ClientSampleId :
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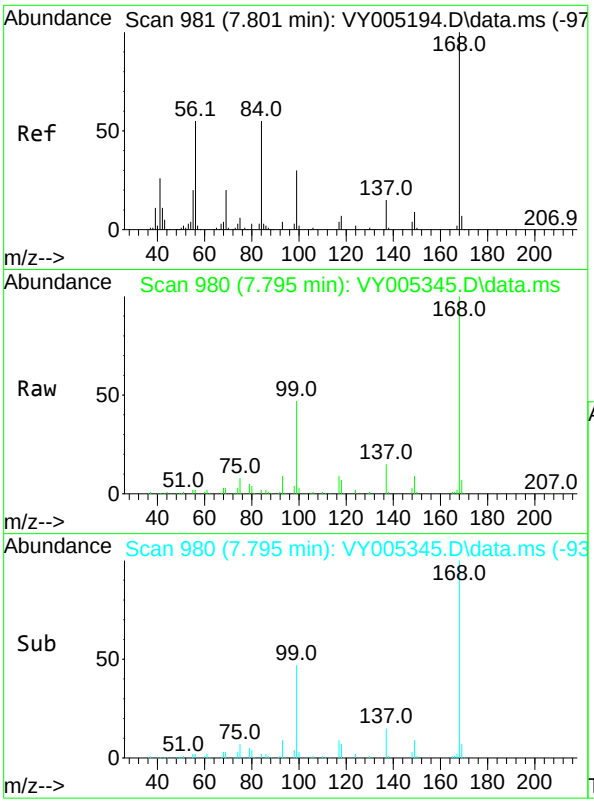
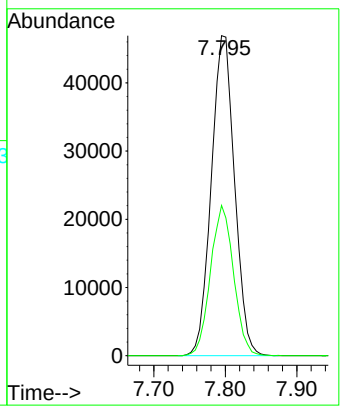
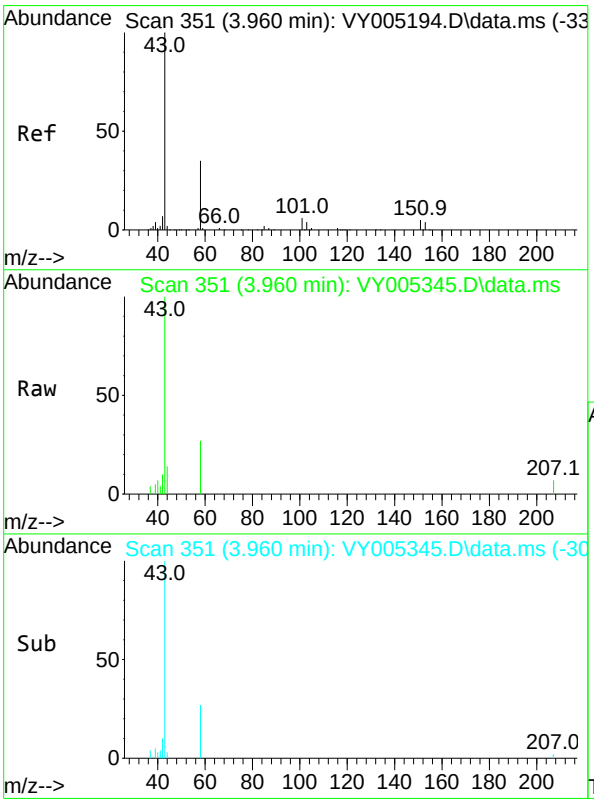


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

Tgt Ion:168 Resp: 106087

Ion	Ratio	Lower	Upper
168	100		
99	47.0	36.2	54.4

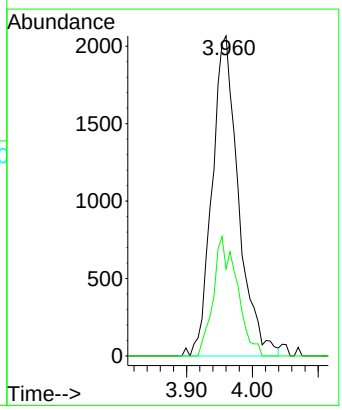




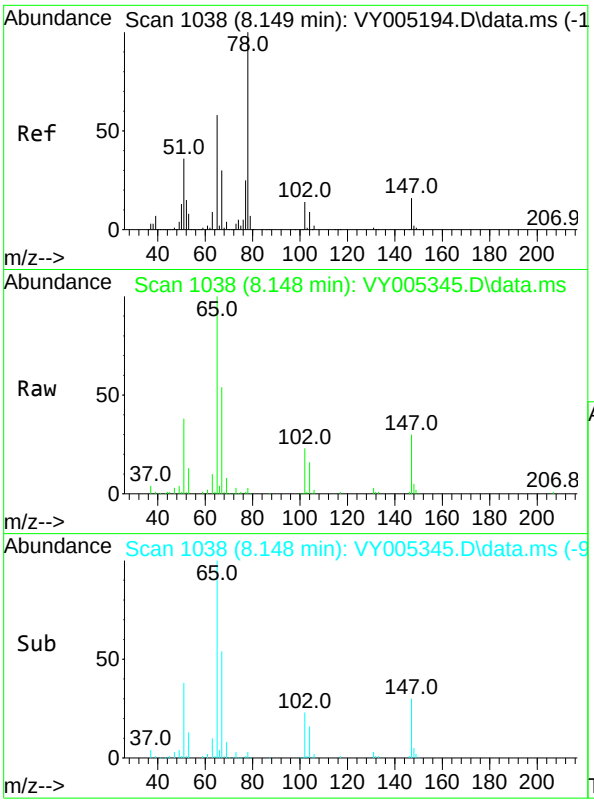
#16
Acetone
Concen: 28.381 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

Tgt Ion: 43 Resp: 5772

Ion	Ratio	Lower	Upper
43	100		
58	27.3	28.2	42.2#



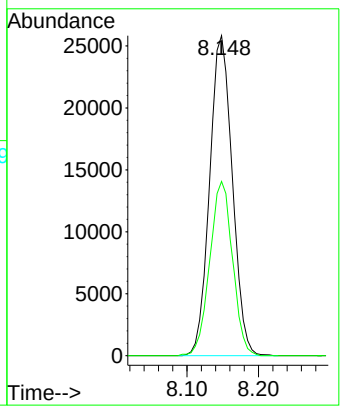
Instrument :
MSVOA_Y
ClientSampleId :
5

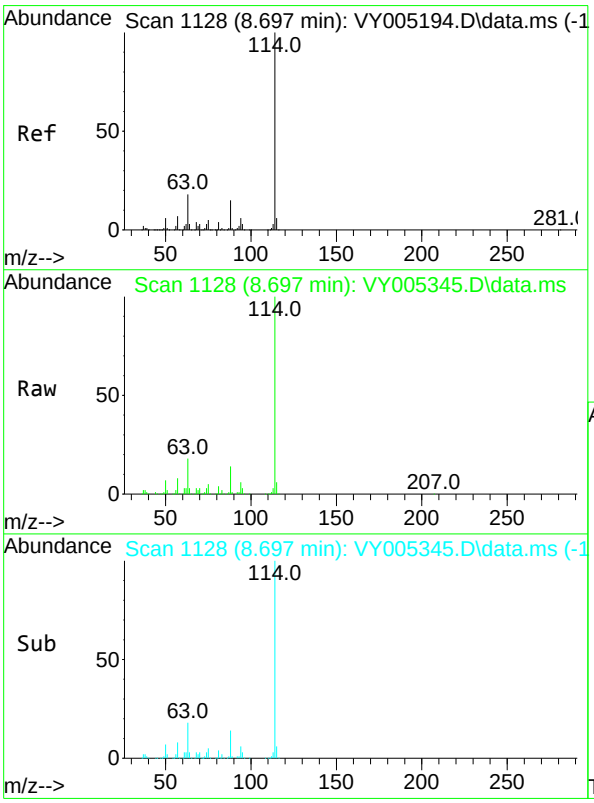


#33
1,2-Dichloroethane-d4
Concen: 64.640 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

Tgt Ion: 65 Resp: 56907

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	110.6

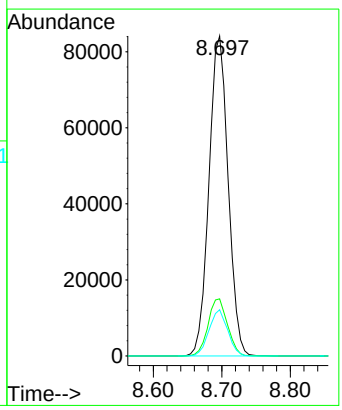




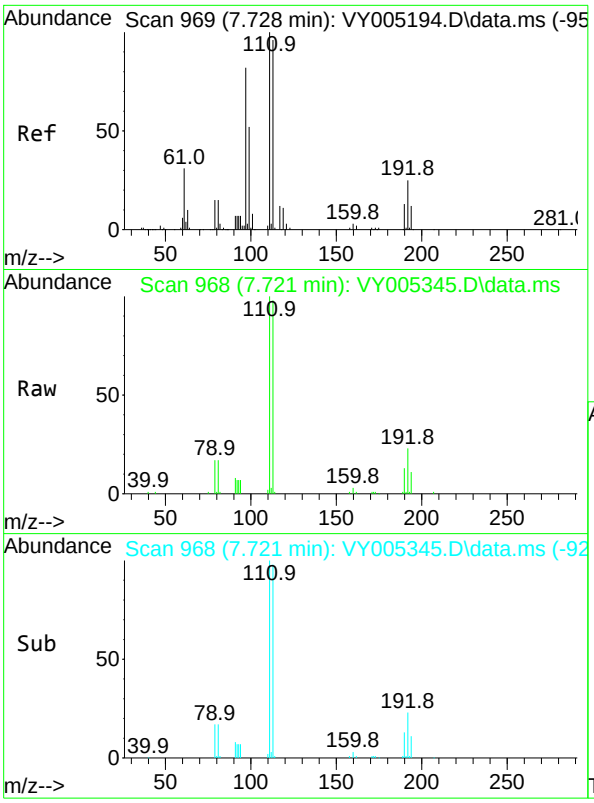
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

Tgt Ion:114 Resp: 163732

Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	35.2
88	14.5	0.0	29.4



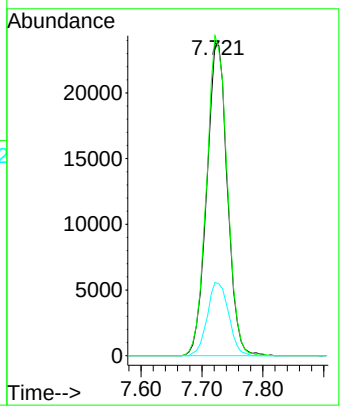
Instrument :
MSVOA_Y
ClientSampleId :
5

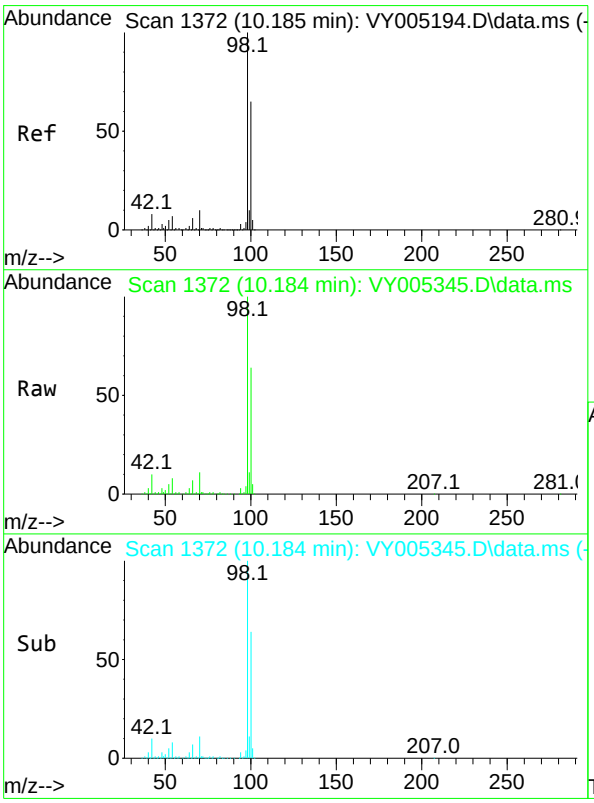


#35
Dibromofluoromethane
Concen: 57.905 ug/l
RT: 7.721 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

Tgt Ion:113 Resp: 55914

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	124.0
192	24.2	20.2	30.2

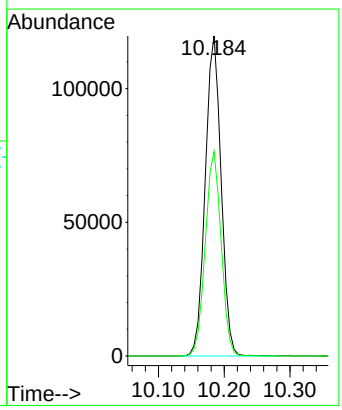


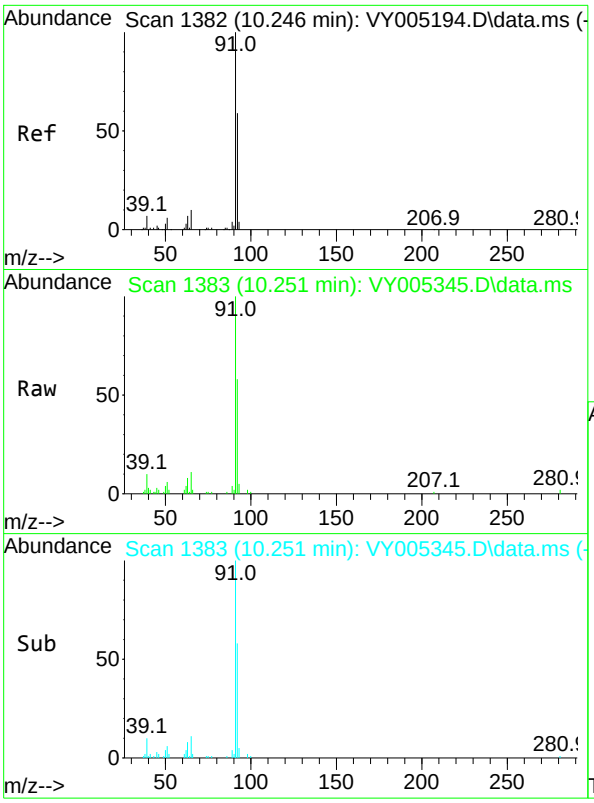


#50
Toluene-d8
Concen: 51.926 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

Tgt Ion: 98 Resp: 200518

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.9	77.9

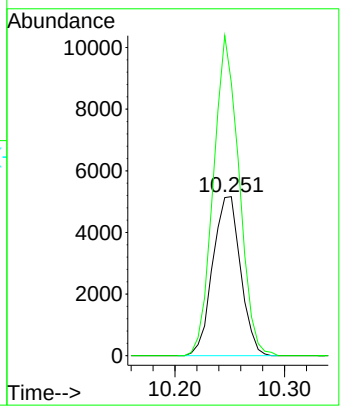




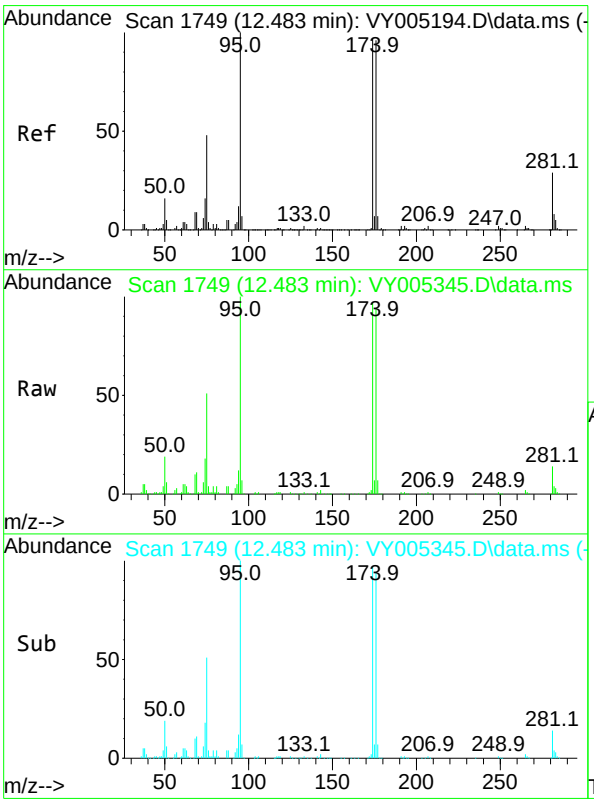
#52
Toluene
Concen: 3.348 ug/l
RT: 10.251 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

Tgt Ion: 92 Resp: 9098

Ion	Ratio	Lower	Upper
92	100		
91	185.6	138.3	207.5



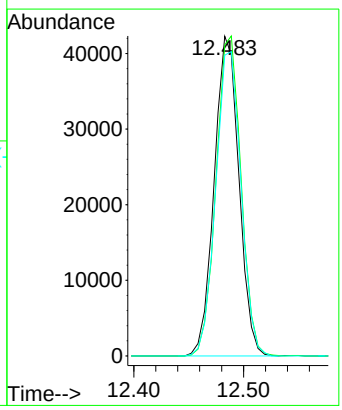
Instrument :
MSVOA_Y
ClientSampleId :
5

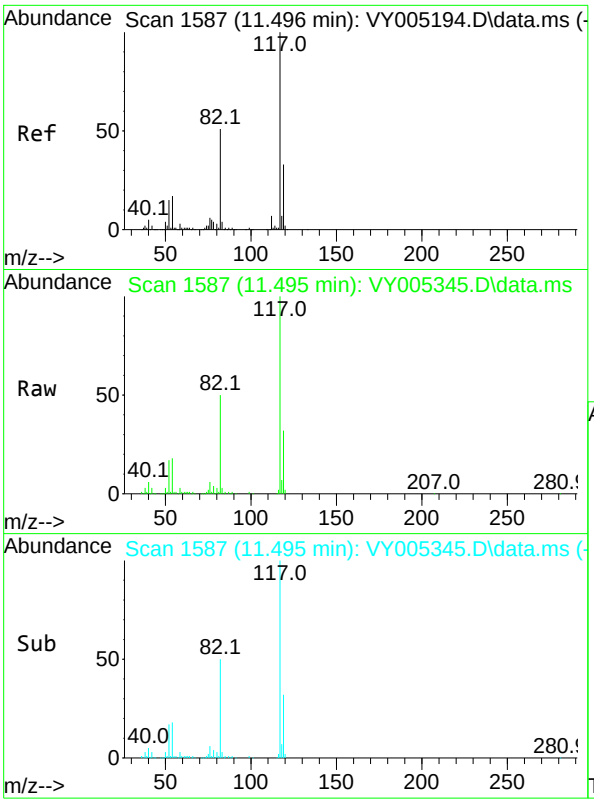


#62
4-Bromofluorobenzene
Concen: 51.433 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

Tgt Ion: 95 Resp: 66183

Ion	Ratio	Lower	Upper
95	100		
174	101.0	0.0	201.6
176	97.5	0.0	197.4

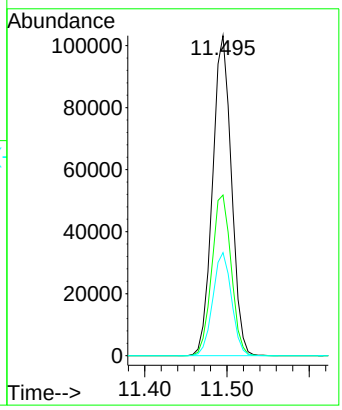




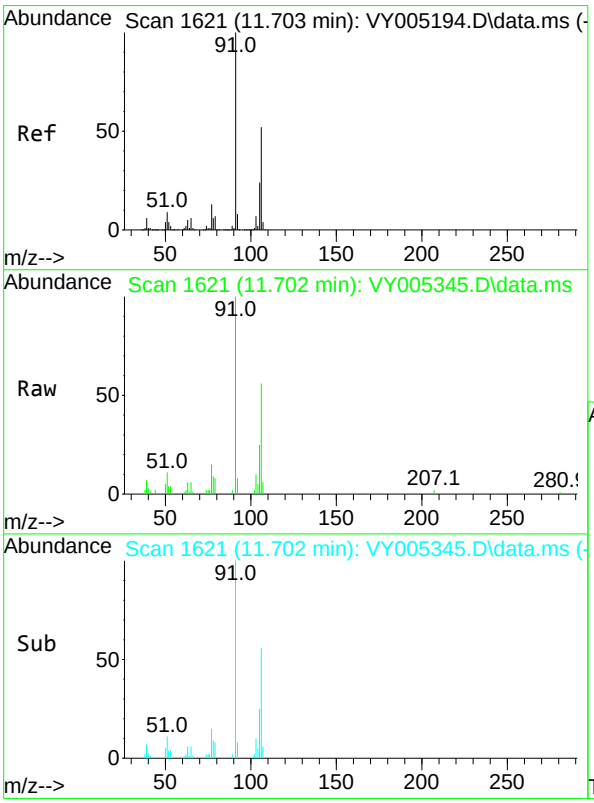
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

Tgt Ion:117 Resp: 164383

Ion	Ratio	Lower	Upper
117	100		
82	50.2	40.6	60.8
119	32.2	26.1	39.1



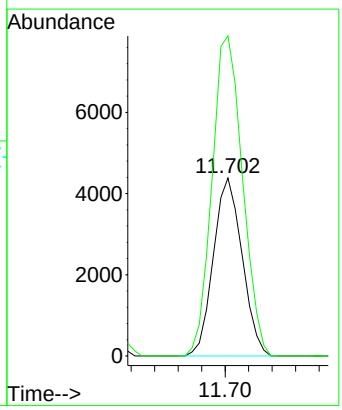
Instrument :
MSVOA_Y
ClientSampleId :
5



#68
m/p-Xylenes
Concen: 3.308 ug/l
RT: 11.702 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

Tgt Ion:106 Resp: 7447

Ion	Ratio	Lower	Upper
106	100		
91	190.5	154.8	232.2



Instrument :
MSVOA_Y
ClientSampleId :
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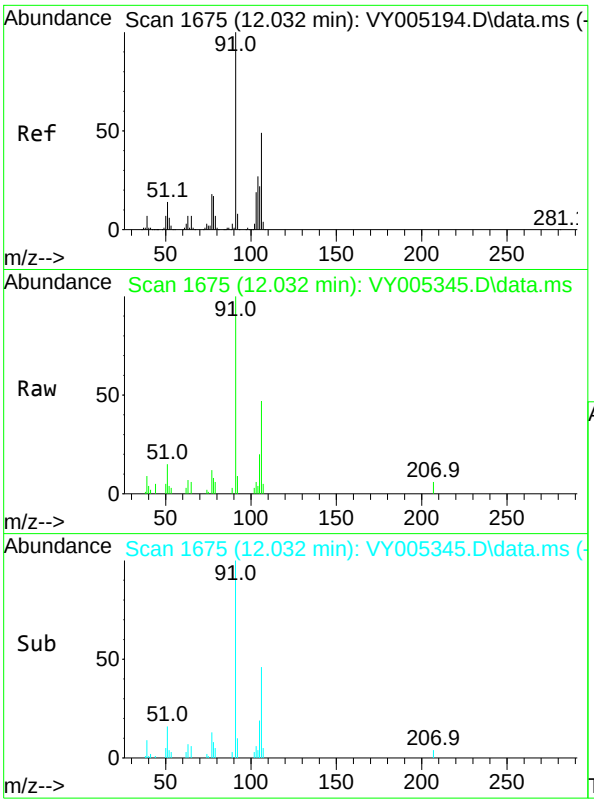
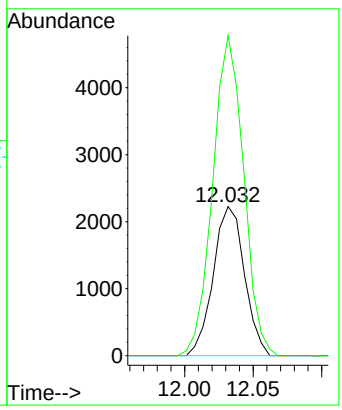
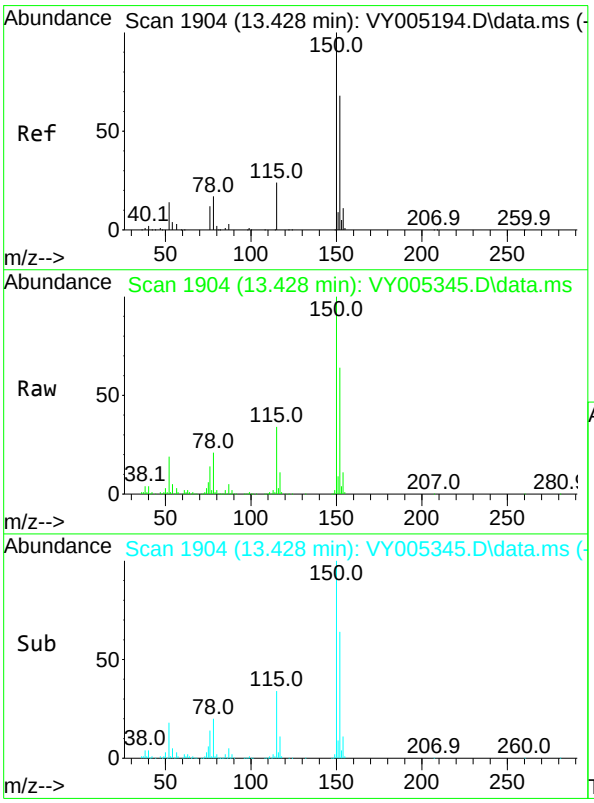


#69
o-Xylene
Concen: 1.652 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

Tgt Ion:106 Resp: 3522

Ion	Ratio	Lower	Upper
106	100		
91	212.6	101.6	304.8

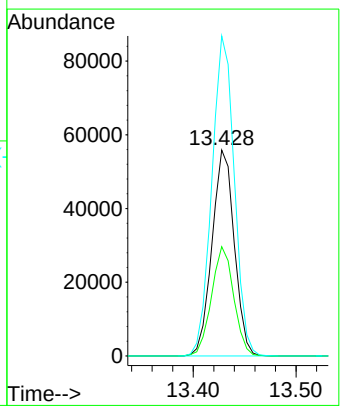


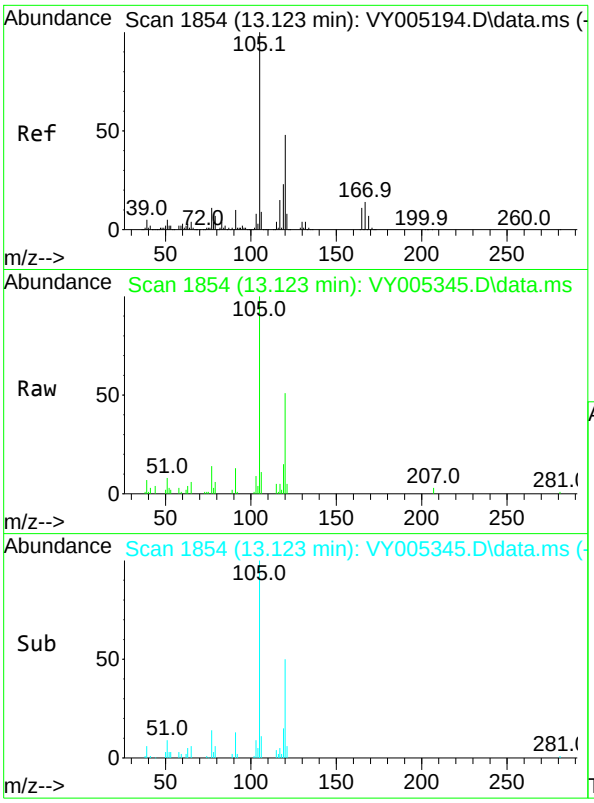


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

Tgt Ion:152 Resp: 83964

Ion	Ratio	Lower	Upper
152	100		
115	53.1	26.3	78.8
150	156.8	0.0	344.2

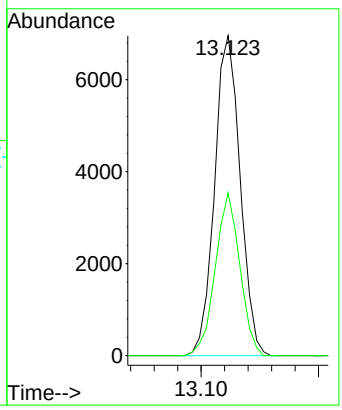




#84
1,2,4-Trimethylbenzene
Concen: 2.364 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

Tgt Ion:105 Resp: 10528

Ion	Ratio	Lower	Upper
105	100		
120	48.7	23.6	71.0



Instrument :
MSVOA_Y
ClientSampleId :
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