Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY071420\
Data File : VY003195.D
Acq On : 14 Jul 2020 14:57
Operator : SY/MD
Sample : L3288-01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : BS-DRUM

Quant Time: Jul 15 04:14:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	377203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	572397	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	509558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	245703	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	184575	57.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.94%			
35) Dibromofluoromethane	7.73	113	178899	54.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.62%			
50) Toluene-d8	10.18	98	681823	55.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.34%			
62) 4-Bromofluorobenzene	12.48	95	217223	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.20%			
Target Compounds						Qvalue
16) Acetone	3.96	43	13507	18.993	ug/l	100
20) Methylene Chloride	4.73	84	19516	Below Cal		96
25) 2-Butanone	7.00	43	4479	3.836	ug/l #	87
31) Cyclohexane	7.80	56	6468	1.117	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	26255	5.061	ug/l #	50
38) Carbon Tetrachloride	7.80	117	34210	6.388	ug/l #	18
49) 1,4-Dioxane	9.28	88	86	3.139	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	111825	51.416	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	111825	100.066	ug/l #	13

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

Quantitation Report (Not Reviewed)

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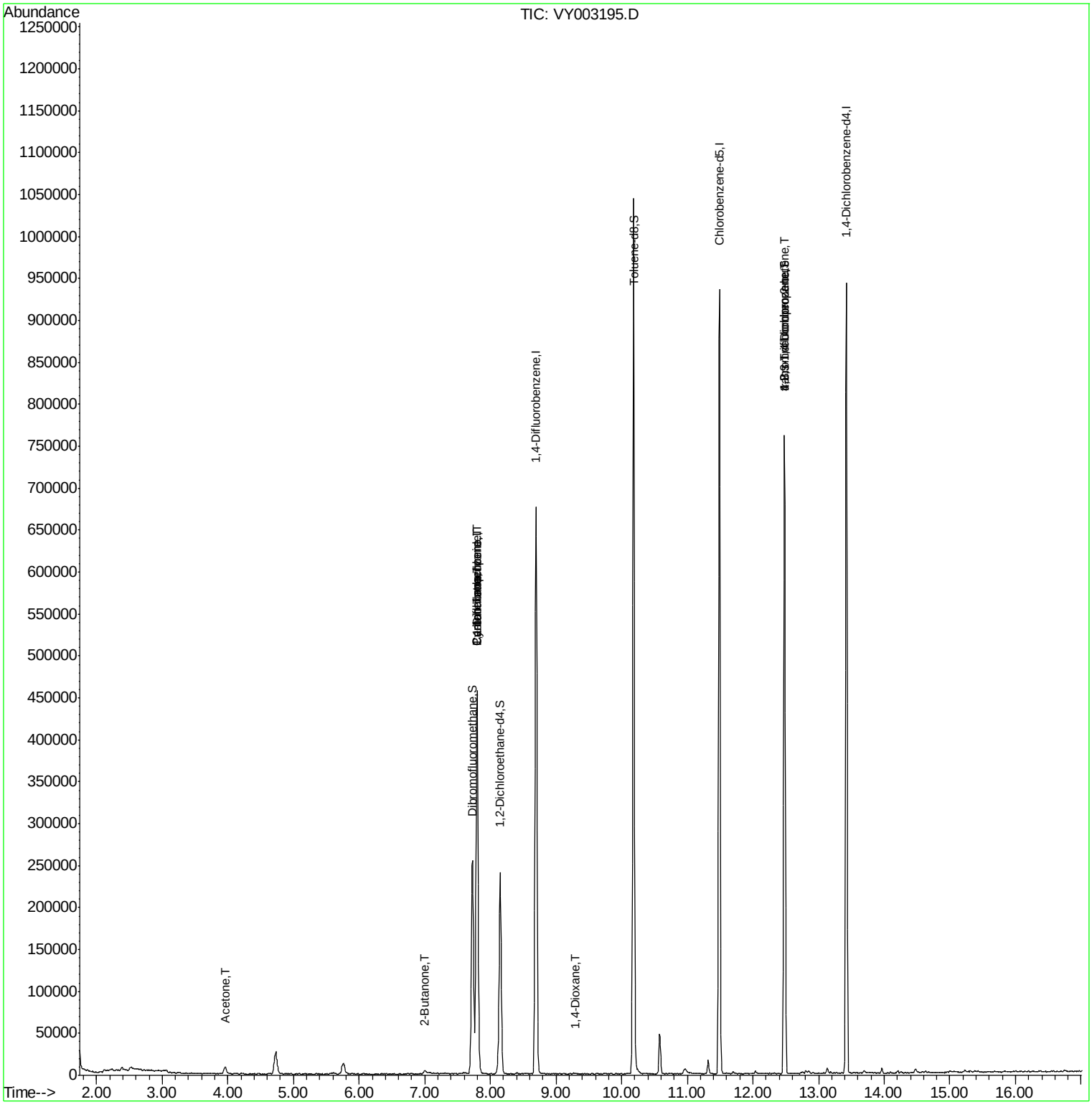
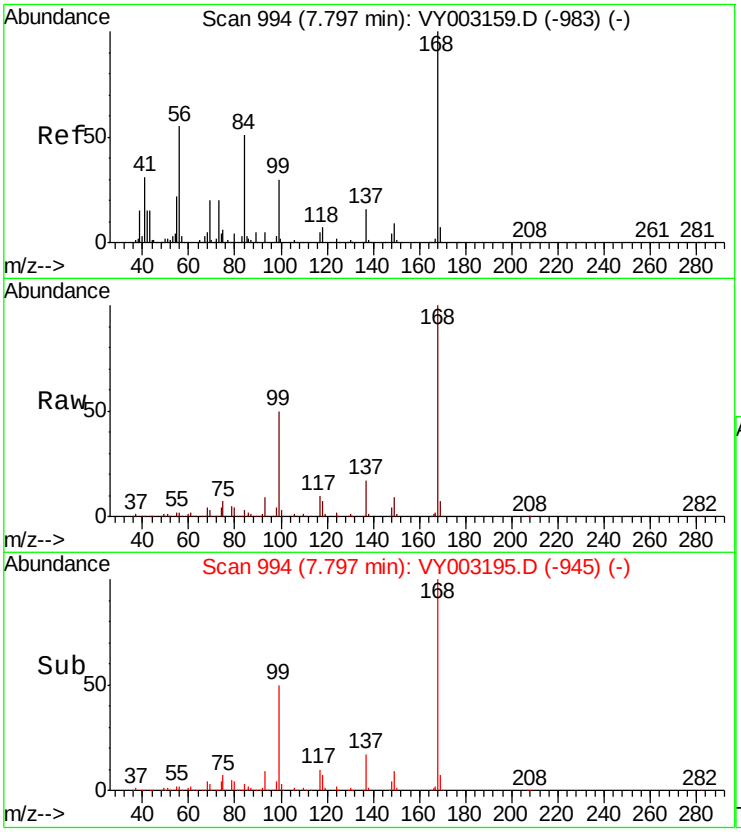


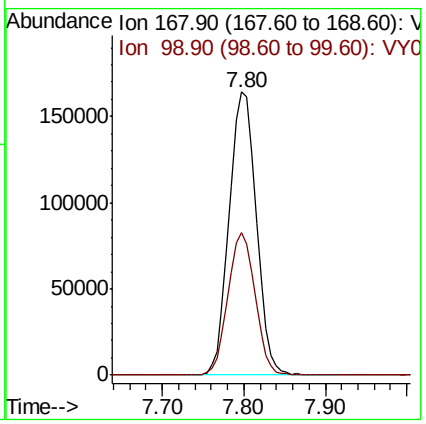


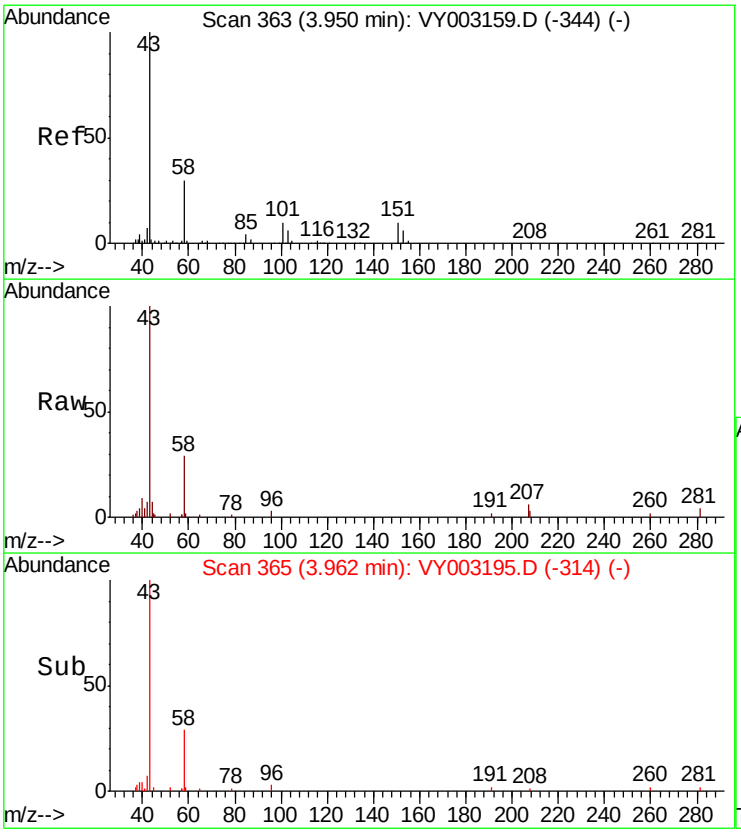
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY003195.D
Acq: 14 Jul 2020 14:57

Instrument :
MSVOA_Y
ClientSampleId :
BS-DRUM

Tgt Ion:168 Resp: 377203

Ion	Ratio	Lower	Upper
168	100		
99	50.5	37.3	55.9

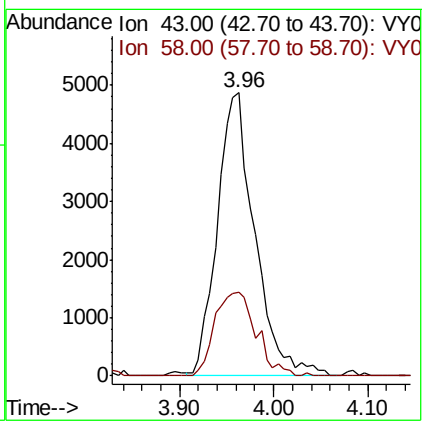


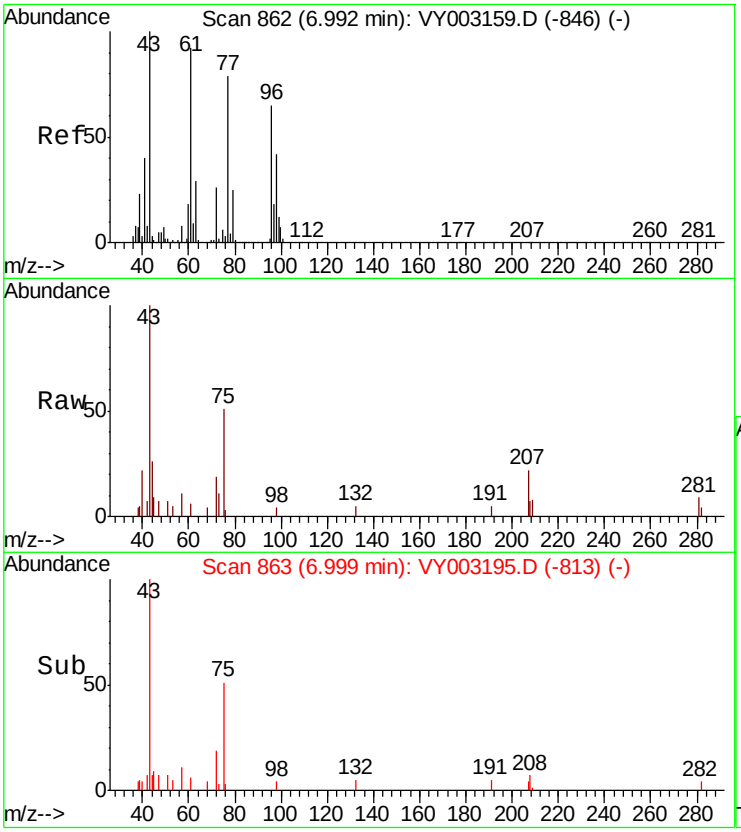


#16
Acetone
Concen: 18.993 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY003195.D
Acq: 14 Jul 2020 14:57

Tgt Ion: 43 Resp: 13507

Ion	Ratio	Lower	Upper
43	100		
58	29.5	23.8	35.6



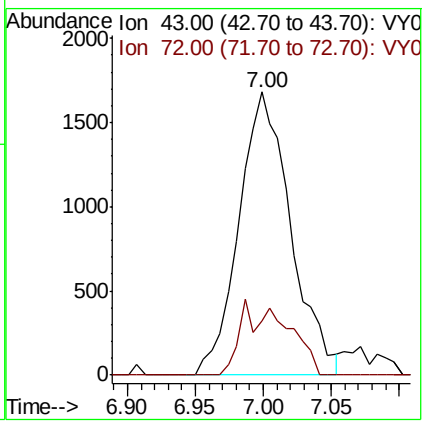


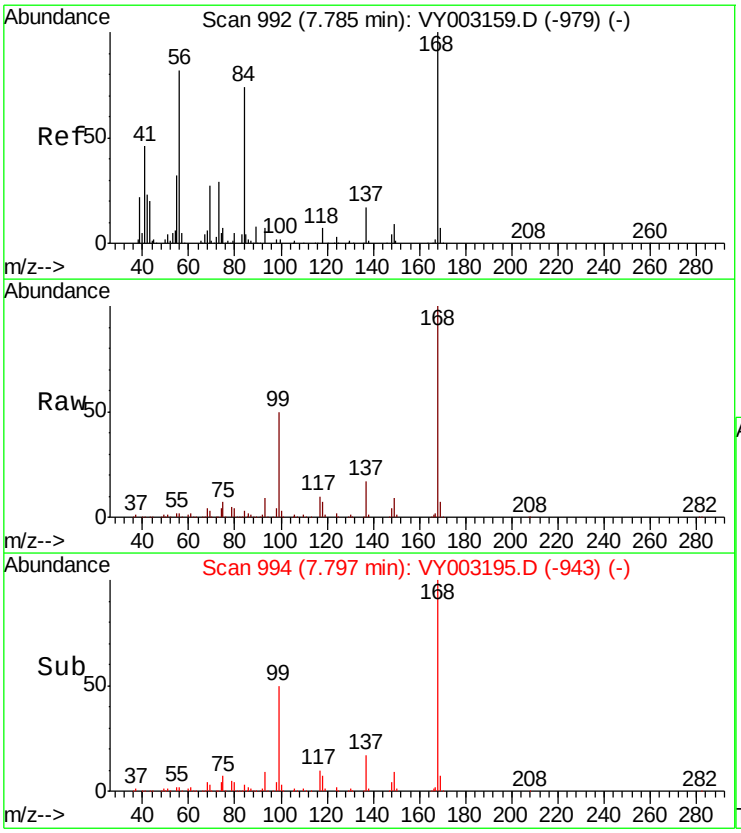
#25
2-Butanone
Concen: 3.836 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003195.D
Acq: 14 Jul 2020 14:57

Instrument :
MSVOA_Y
ClientSampleId :
BS-DRUM

Tgt Ion: 43 Resp: 4479

Ion	Ratio	Lower	Upper
43	100		
72	19.3	20.9	31.3#

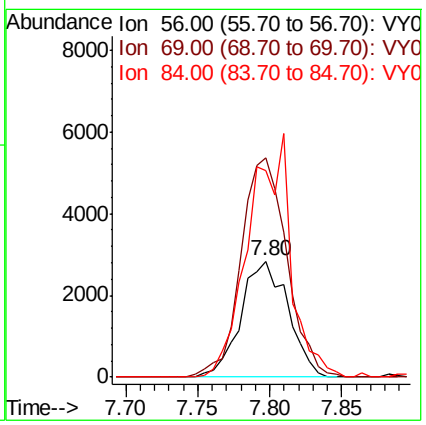


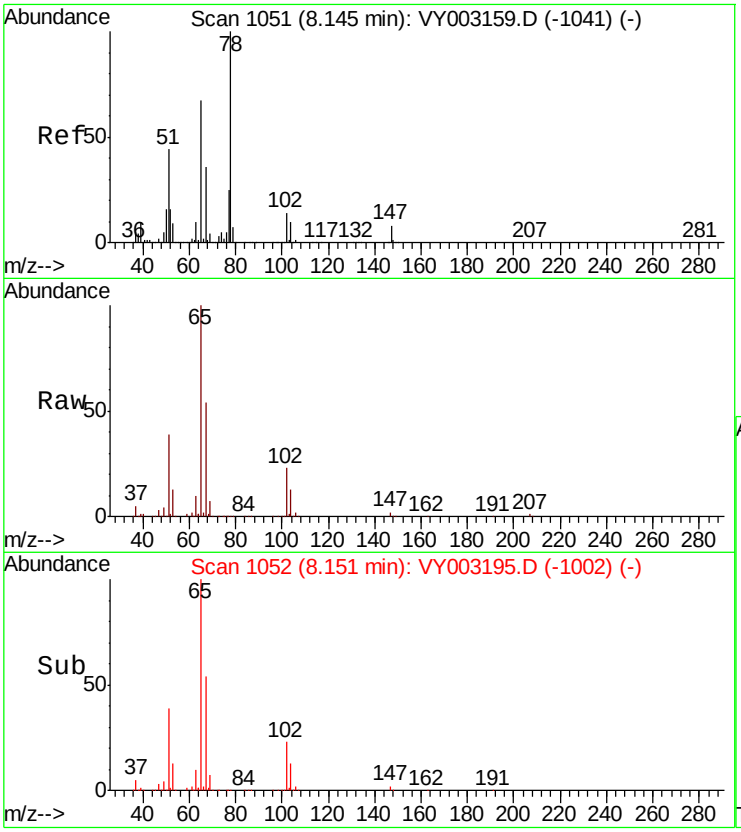


#31
Cyclohexane
Concen: 1.117 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003195.D
Acq: 14 Jul 2020 14:57

Tgt Ion: 56 Resp: 6468

Ion	Ratio	Lower	Upper
56	100		
69	189.0	26.7	40.1#
84	177.7	72.3	108.5#



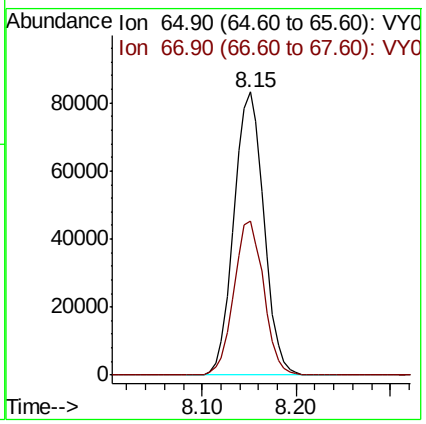


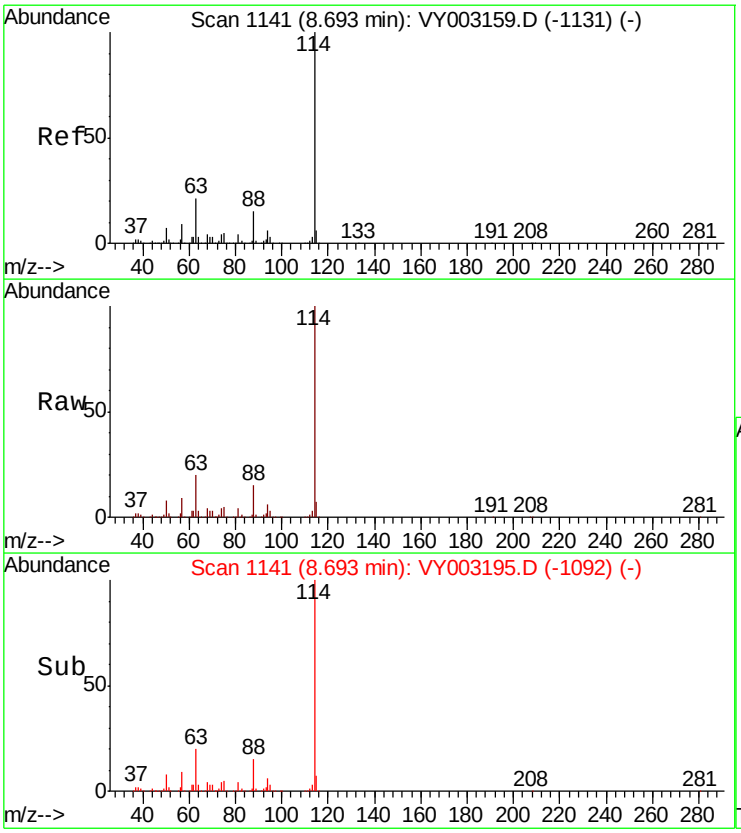
#33
1,2-Dichloroethane-d4
Concen: 57.975 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003195.D
Acq: 14 Jul 2020 14:57

Instrument :
MSVOA_Y
ClientSampleId :
BS-DRUM

Tgt Ion: 65 Resp: 184575

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	105.2

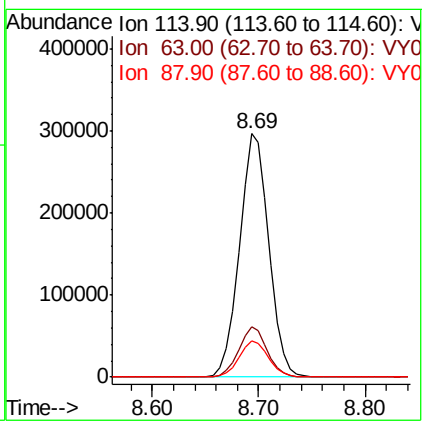


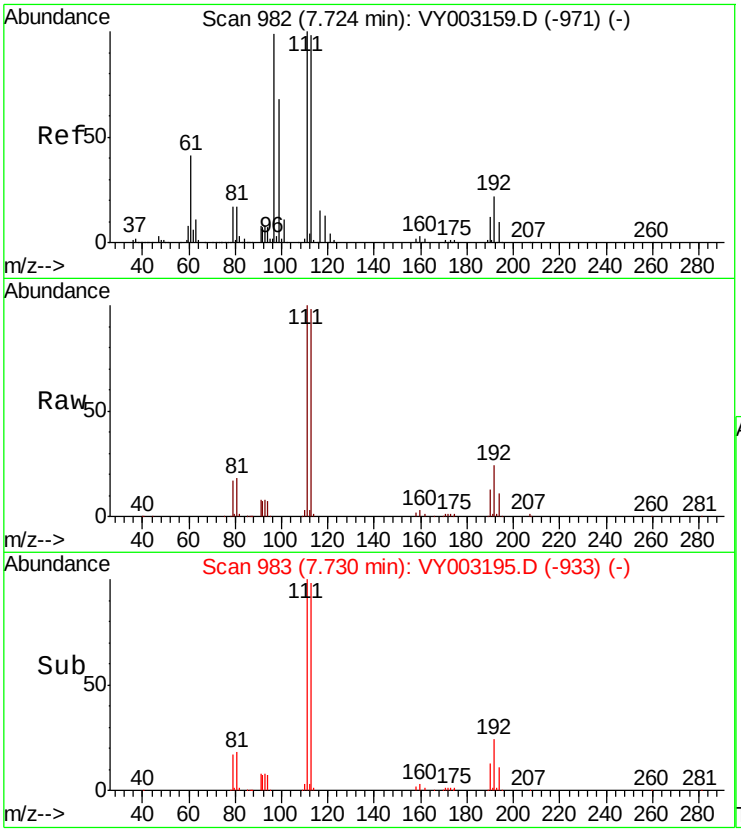


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY003195.D
Acq: 14 Jul 2020 14:57

Tgt Ion:114 Resp: 572397

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	41.2
88	14.8	0.0	30.2



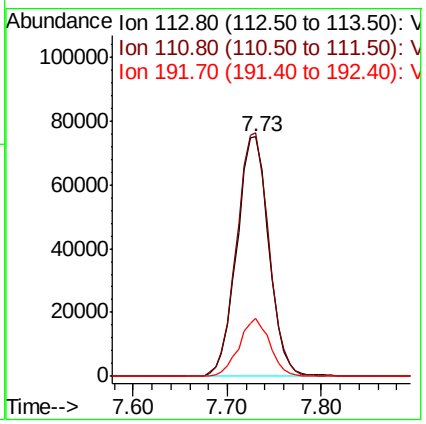


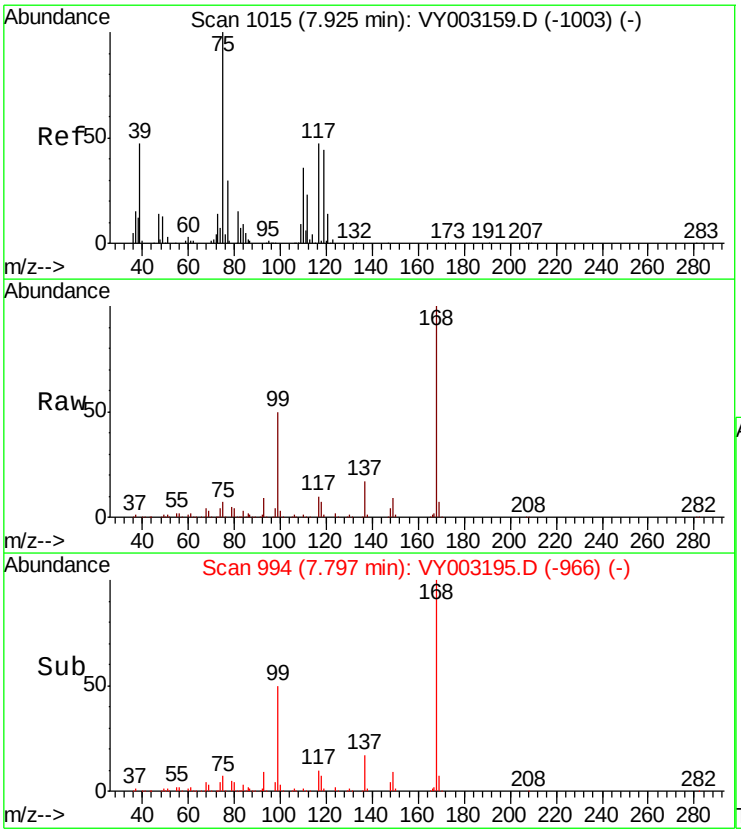
#35
Dibromofluoromethane
Concen: 54.310 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY003195.D
Acq: 14 Jul 2020 14:57

Instrument :
MSVOA_Y
ClientSampleId :
BS-DRUM

Tgt Ion:113 Resp: 178899

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.1	123.1
192	23.0	18.8	28.2

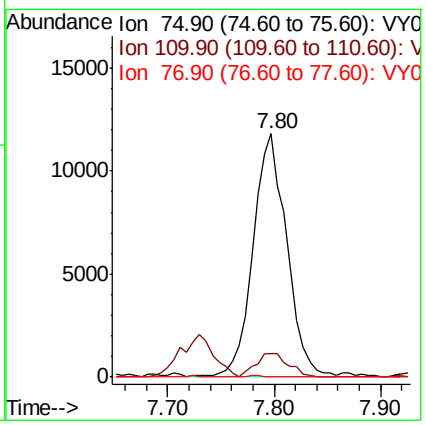


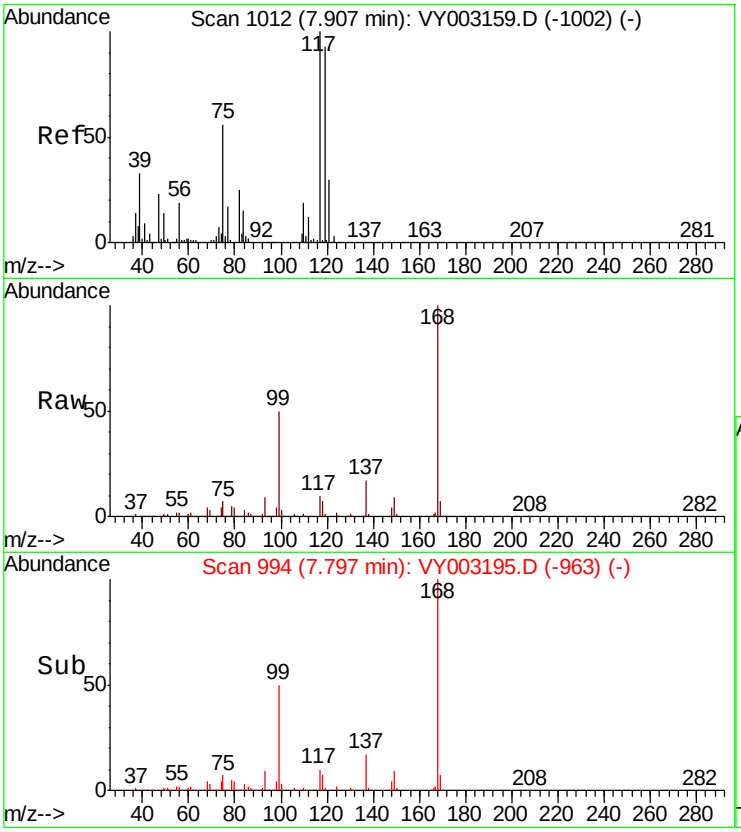


#36
1,1-Dichloropropene
Concen: 5.061 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY003195.D
Acq: 14 Jul 2020 14:57

Tgt Ion: 75 Resp: 26255

Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.1	54.1#
77	0.2	24.8	37.2#



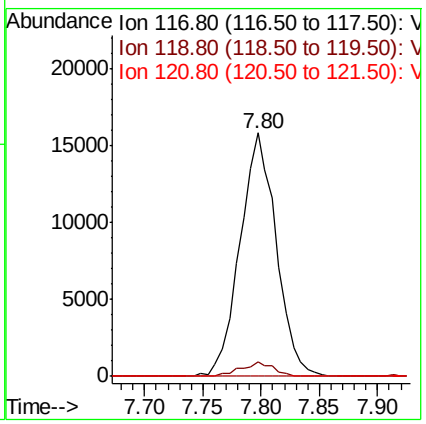


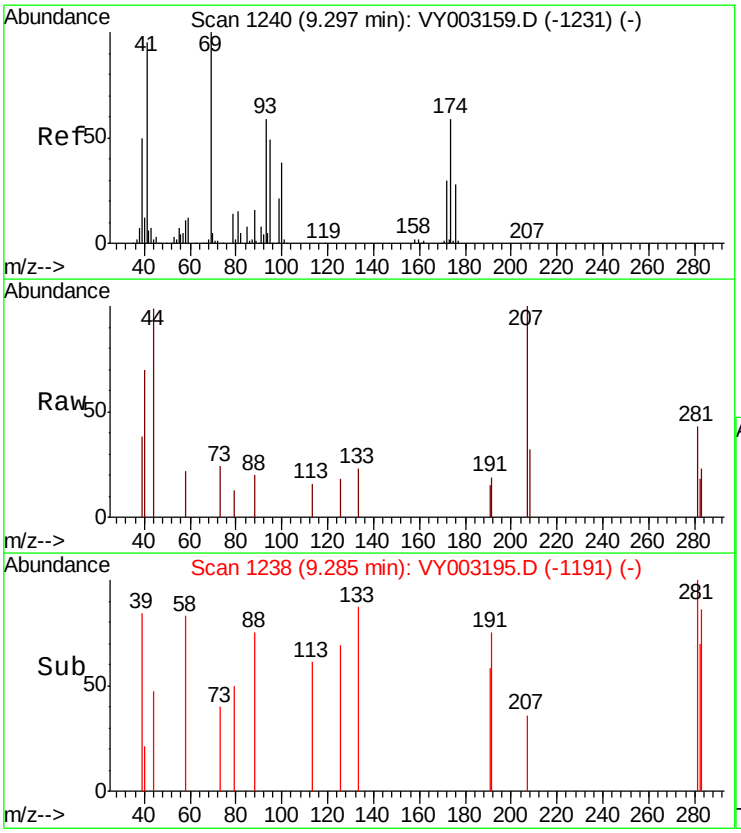
#38
Carbon Tetrachloride
Concen: 6.388 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY003195.D
Acq: 14 Jul 2020 14:57

Instrument : MSVOA_Y
ClientSampleId : BS-DRUM

Tgt Ion:117 Resp: 34210

Ion	Ratio	Lower	Upper
117	100		
119	6.1	74.5	111.7#
121	0.0	24.2	36.2#

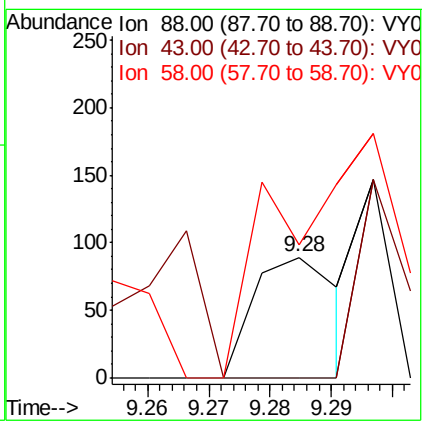


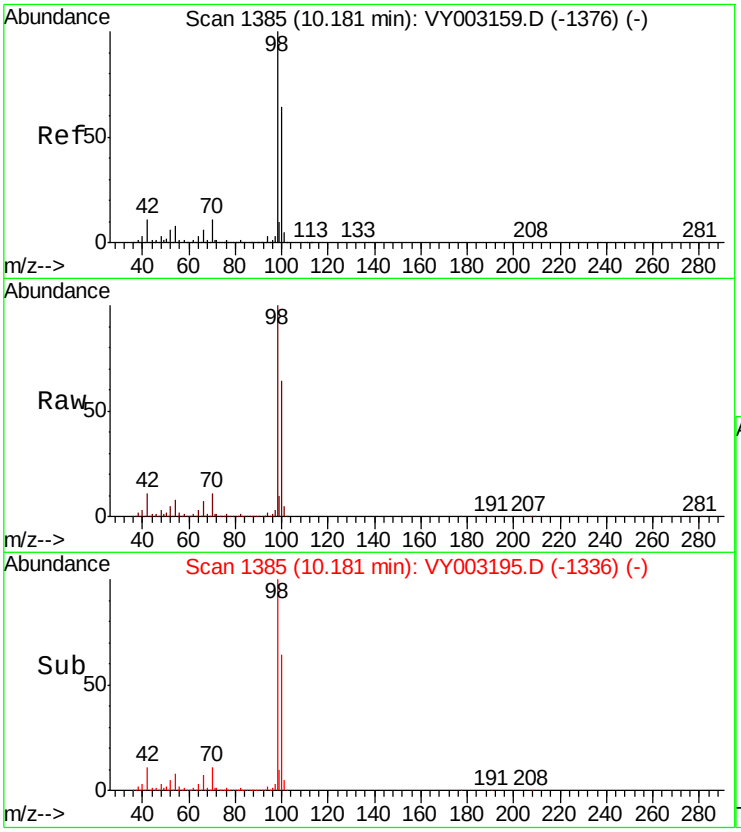


#49
1,4-Dioxane
Concen: 3.139 ug/l
RT: 9.28 min Scan# 1238
Delta R.T. -0.01 min
Lab File: VY003195.D
Acq: 14 Jul 2020 14:57

Tgt Ion: 88 Resp: 86

Ion	Ratio	Lower	Upper
88	100		
43	89.5	25.6	38.4#
58	370.9	47.8	71.6#



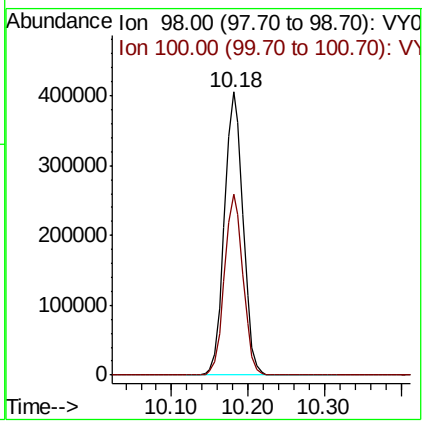


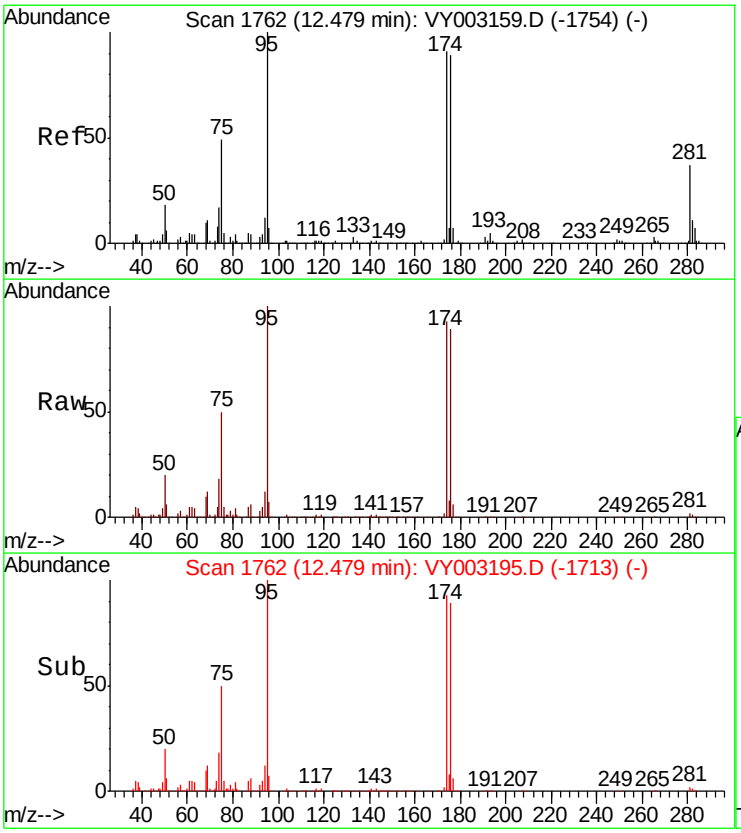
#50
Toluene-d8
Concen: 55.675 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003195.D
Acq: 14 Jul 2020 14:57

Instrument :
MSVOA_Y
ClientSampleId :
BS-DRUM

Tgt Ion: 98 Resp: 681823

Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.7	76.1

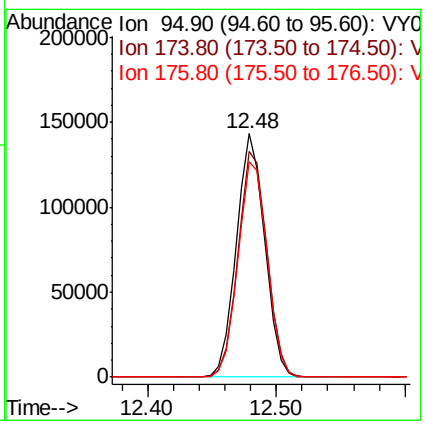


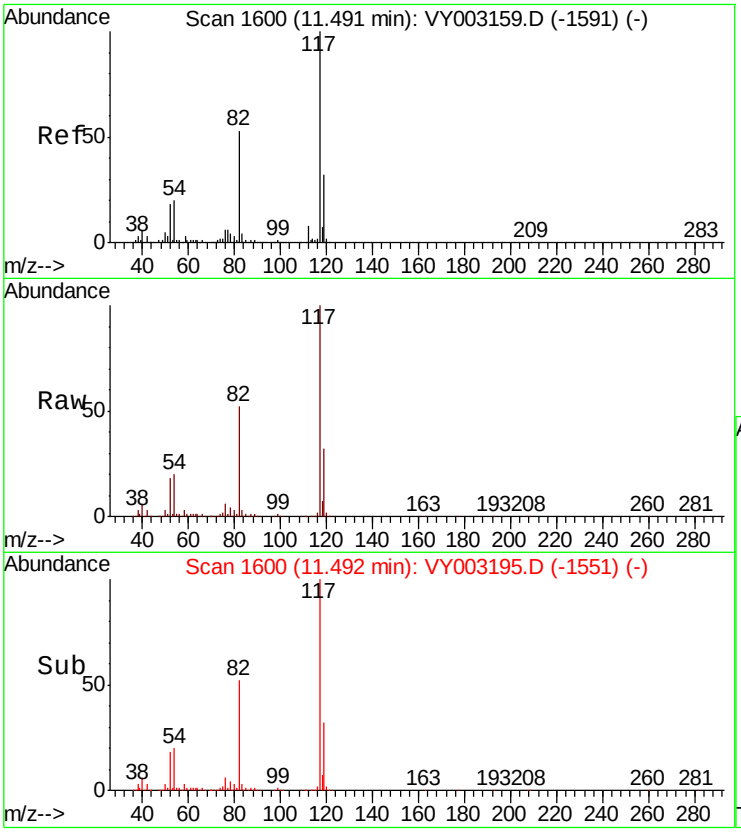


#62
4-Bromofluorobenzene
Concen: 49.099 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003195.D
Acq: 14 Jul 2020 14:57

Tgt Ion: 95 Resp: 217223

Ion	Ratio	Lower	Upper
95	100		
174	94.4	0.0	190.6
176	91.0	0.0	186.4



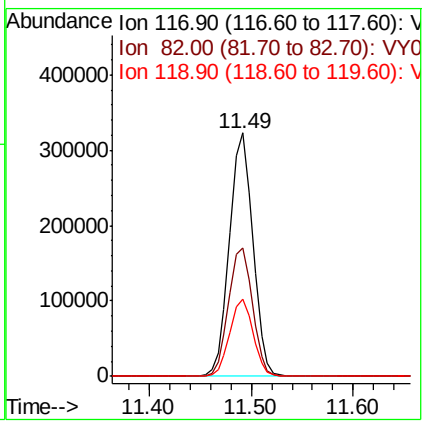


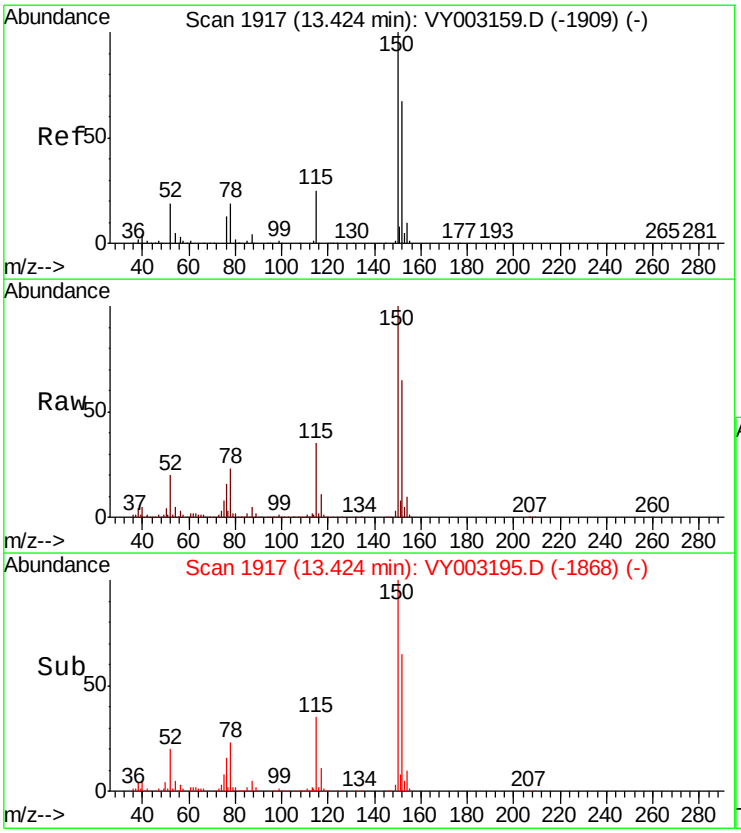
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003195.D
Acq: 14 Jul 2020 14:57

Instrument : MSVOA_Y
ClientSampleId : BS-DRUM

Tgt Ion:117 Resp: 509558

Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.0	63.0
119	31.9	25.5	38.3

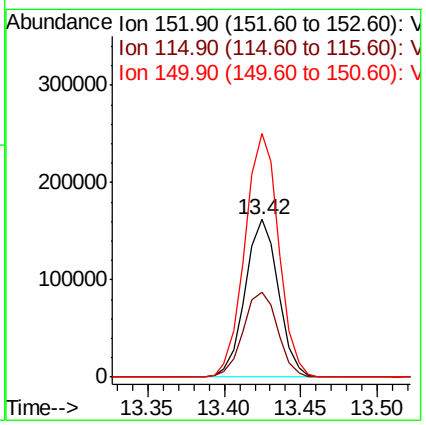


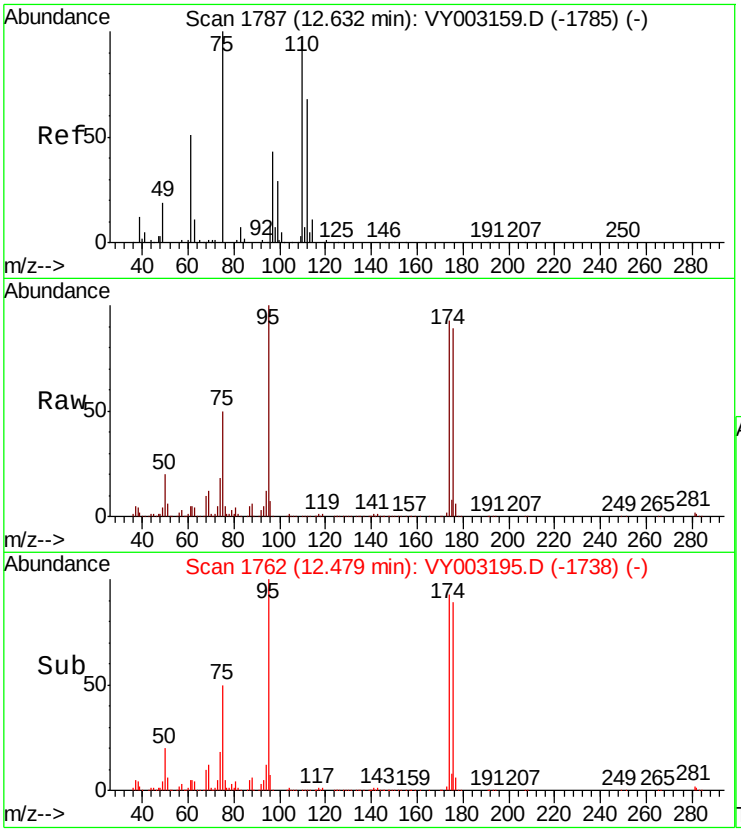


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003195.D
Acq: 14 Jul 2020 14:57

Tgt Ion:152 Resp: 245703

Ion	Ratio	Lower	Upper
152	100		
115	56.0	26.9	80.7
150	156.6	0.0	338.0



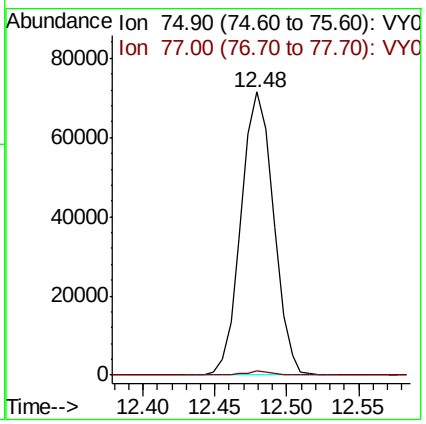


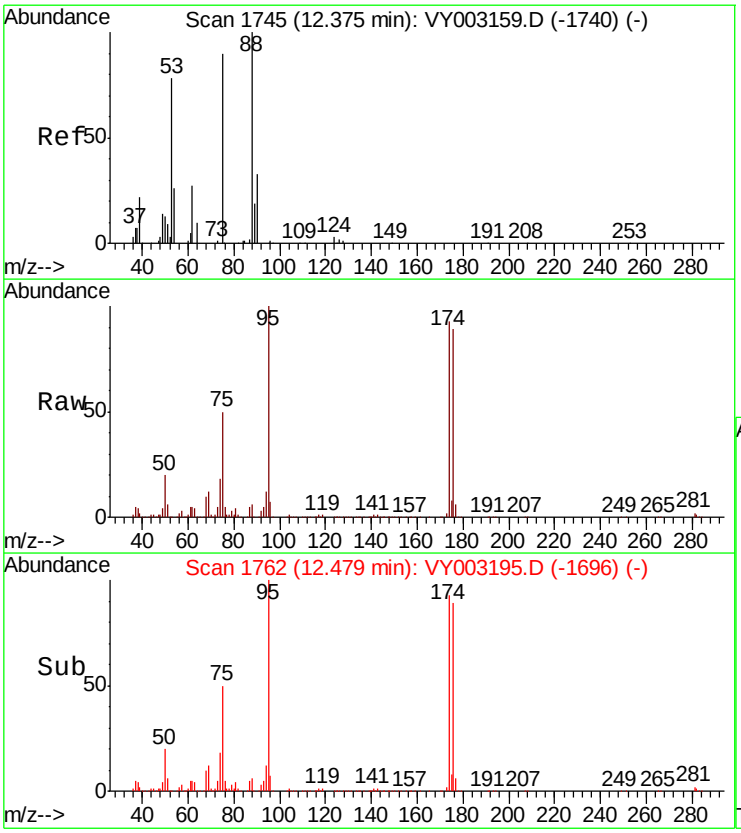
#76
1,2,3-Trichloropropane
Concen: 51.416 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003195.D
Acq: 14 Jul 2020 14:57

Instrument :
MSVOA_Y
ClientSampleId :
BS-DRUM

Tgt Ion: 75 Resp: 111825

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 100.066 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY003195.D
Acq: 14 Jul 2020 14:57

Tgt Ion: 75 Resp: 111825

Ion	Ratio	Lower	Upper
75	100		
53	0.1	72.0	108.0#
89	0.1	37.3	55.9#