Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
Data File : VY000878.D
Acq On : 05 Dec 2019 13:26
Operator : SY/MD
Sample : K6147-02
Misc : 5.10G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : P001-WC002

Quant Time: Dec 06 04:00:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	227927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	415839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	376311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	162191	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	138623	57.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 114.48%			
35) Dibromofluoromethane	7.73	113	122496	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.08%			
50) Toluene-d8	10.18	98	500664	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.34%			
62) 4-Bromofluorobenzene	12.48	95	165112	45.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.76%			
Target Compounds						Qvalue
5) Bromomethane	2.67	94	51	Below Cal	#	53
11) Tert butyl alcohol	4.95	59	1050	4.309	ug/l #	74
16) Acetone	3.96	43	2833	5.099	ug/l #	84
20) Methylene Chloride	4.72	84	7307	2.495	ug/l #	91
25) 2-Butanone	7.00	43	2461	2.398	ug/l #	79
28) Bromochloromethane	7.46	49	19	2.026	ug/l #	15
29) Tetrahydrofuran	7.37	42	820	1.206	ug/l #	73
31) Cyclohexane	7.80	56	5367	1.044	ug/l #	27
36) 1,1-Dichloropropene	7.80	75	19741	4.774	ug/l #	44
38) Carbon Tetrachloride	7.80	117	22840	6.203	ug/l #	14
76) 1,2,3-Trichloropropane	12.48	75	86136	46.874	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	86136	92.074	ug/l #	18

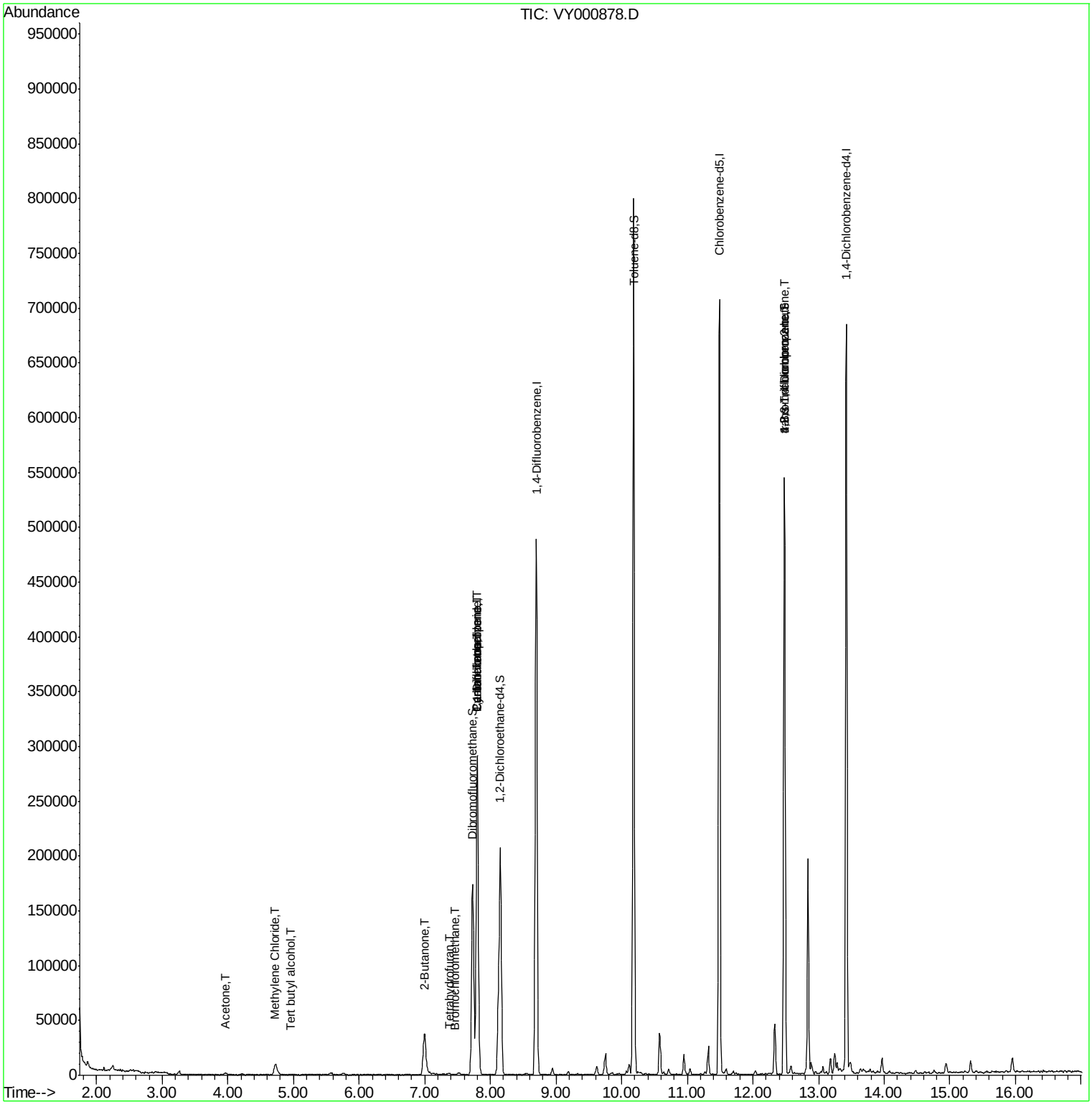
(#) = qualifier out of range (m) = manual integration (+) = signals summed

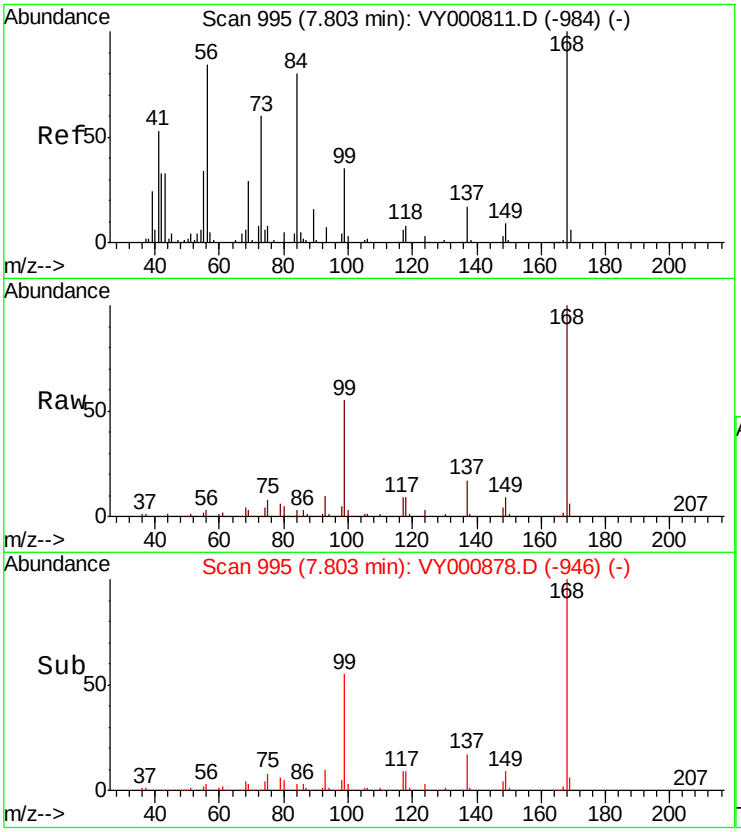
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120519\
Data File : VY000878.D
Acq On : 05 Dec 2019 13:26
Operator : SY/MD
Sample : K6147-02
Misc : 5.10G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : P001-WC002

Quant Time: Dec 06 04:00:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration



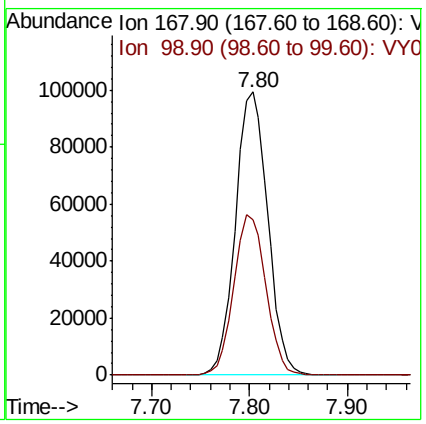


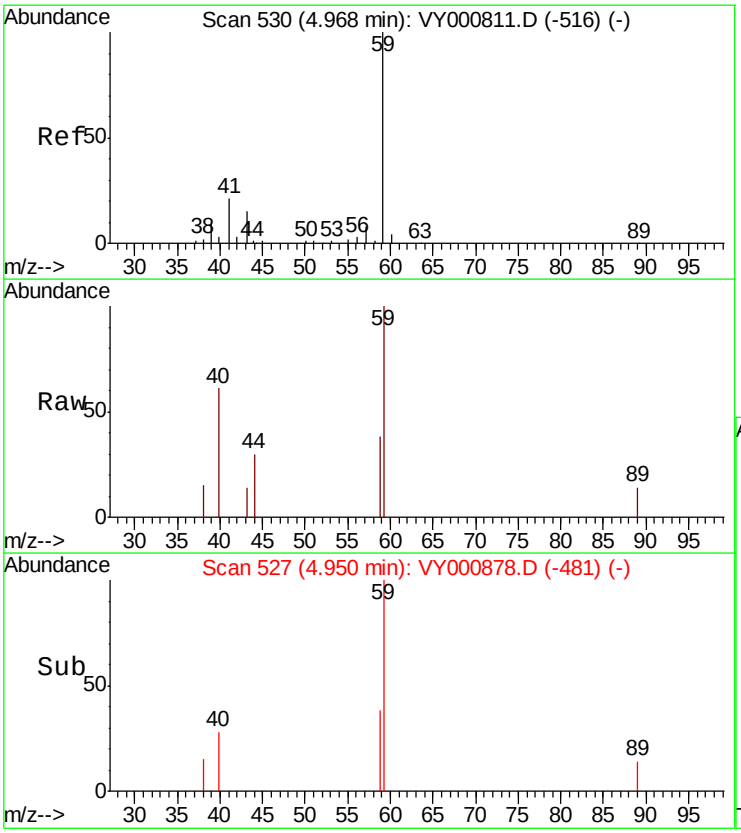
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000878.D
Acq: 05 Dec 2019 13:26

Instrument :
MSVOA_Y
ClientSampleId :
P001-WC002

Tgt Ion:168 Resp: 227927

Ion	Ratio	Lower	Upper
168	100		
99	54.7	45.0	67.6

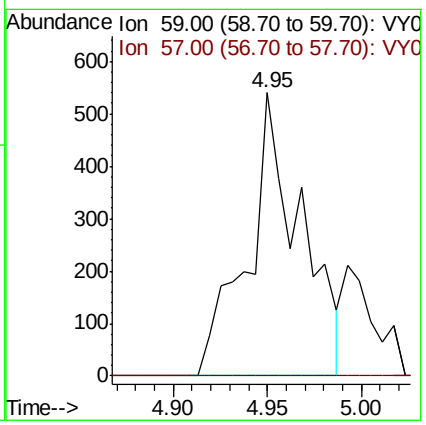


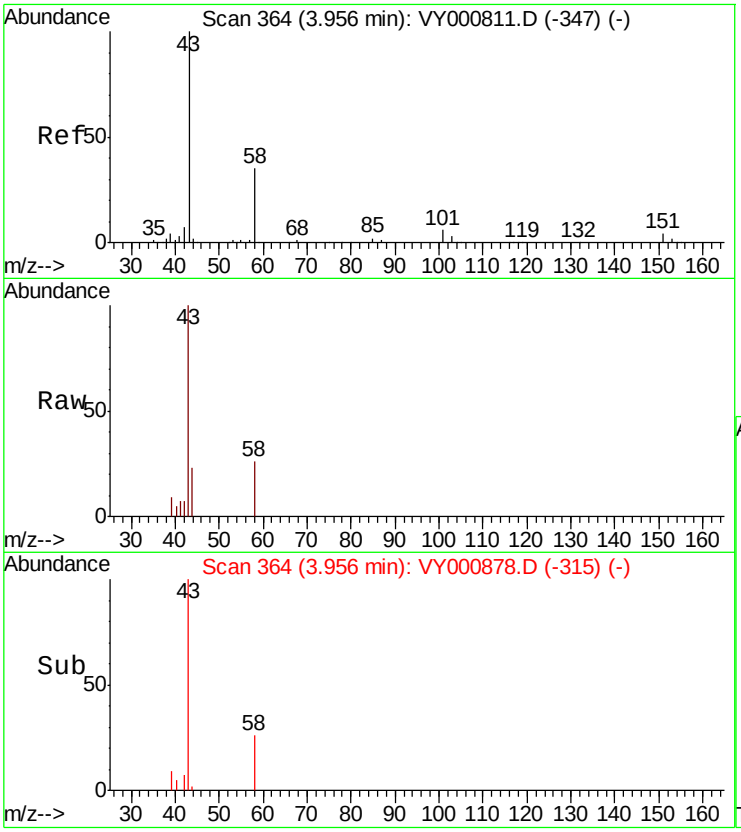


#11
Tert butyl alcohol
Concen: 4.309 ug/l
RT: 4.95 min Scan# 527
Delta R.T. -0.02 min
Lab File: VY000878.D
Acq: 05 Dec 2019 13:26

Tgt Ion: 59 Resp: 1050

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#



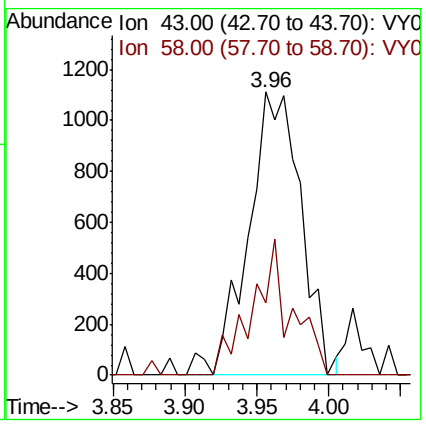


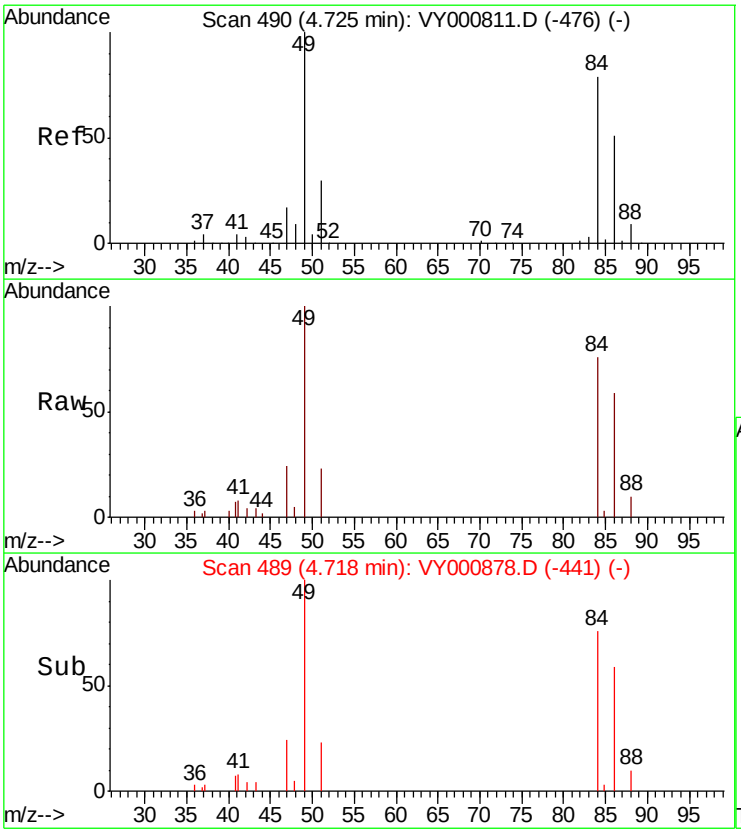
#16
Acetone
Concen: 5.099 ug/l
RT: 3.96 min Scan# 364
Delta R.T. -0.00 min
Lab File: VY000878.D
Acq: 05 Dec 2019 13:26

Instrument : MSVOA_Y
ClientSampleId : P001-WC002

Tgt Ion: 43 Resp: 2833

Ion	Ratio	Lower	Upper
43	100		
58	25.6	28.0	42.0#

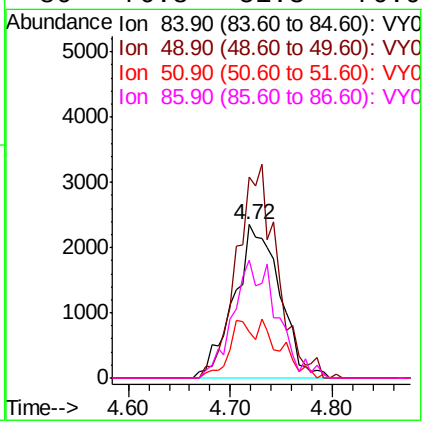


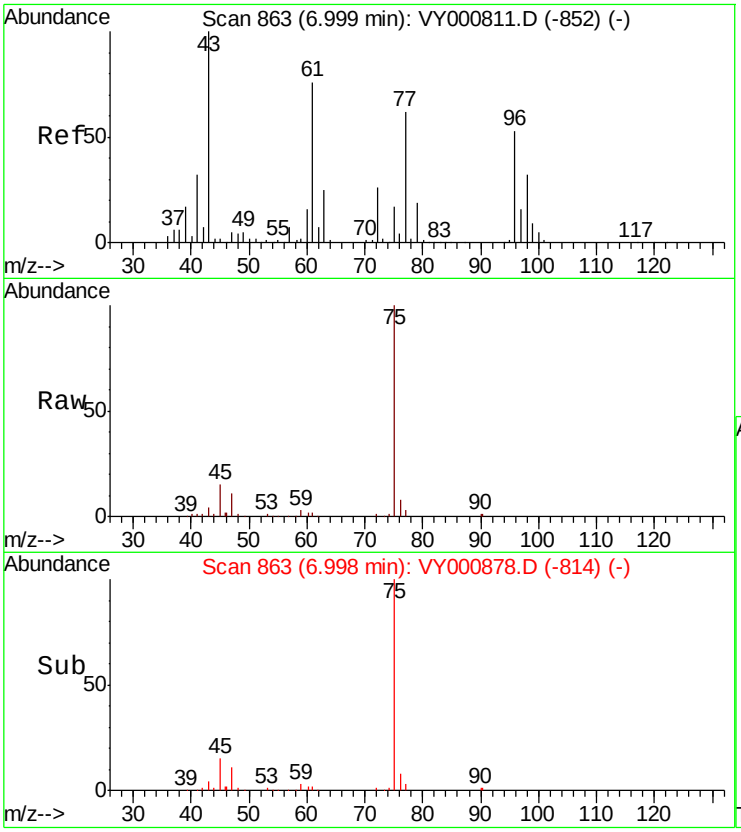


#20
Methylene Chloride
Concen: 2.495 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000878.D
Acq: 05 Dec 2019 13:26

Tgt Ion: 84 Resp: 7307

Ion	Ratio	Lower	Upper
84	100		
49	131.3	101.3	151.9
51	30.5	30.6	45.8#
86	76.8	51.3	76.9



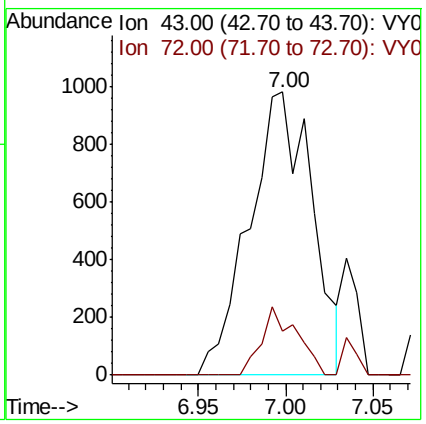


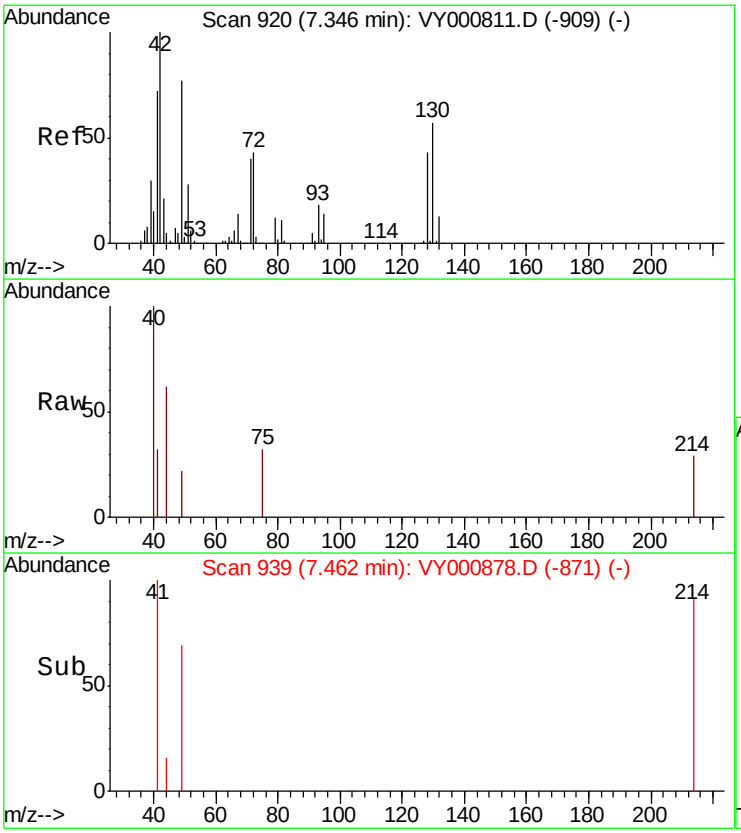
#25
2-Butanone
Concen: 2.398 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000878.D
Acq: 05 Dec 2019 13:26

Instrument : MSVOA_Y
ClientSampleId : P001-WC002

Tgt Ion: 43 Resp: 2461

Ion	Ratio	Lower	Upper
43	100		
72	15.4	21.0	31.4#

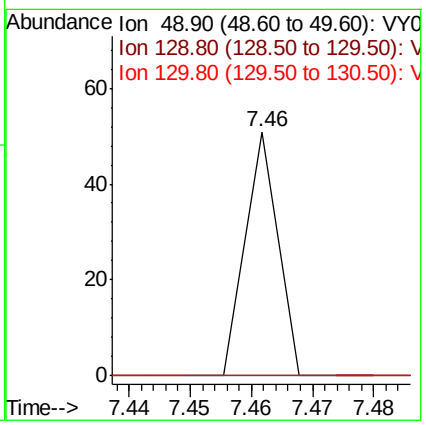


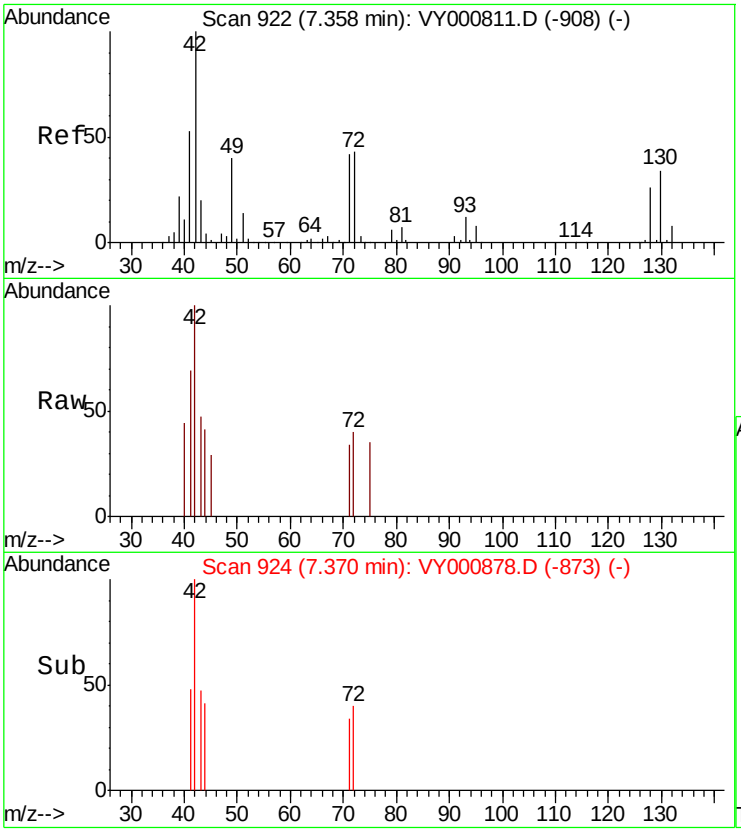


#28
Bromochloromethane
Concen: 2.026 ug/l
RT: 7.46 min Scan# 939
Delta R.T. 0.12 min
Lab File: VY000878.D
Acq: 05 Dec 2019 13:26

Tgt Ion: 49 Resp: 19

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	58.7	88.1#



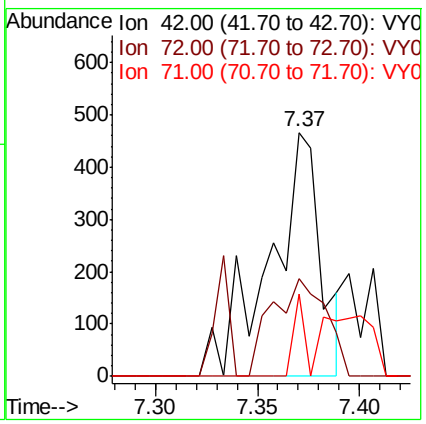


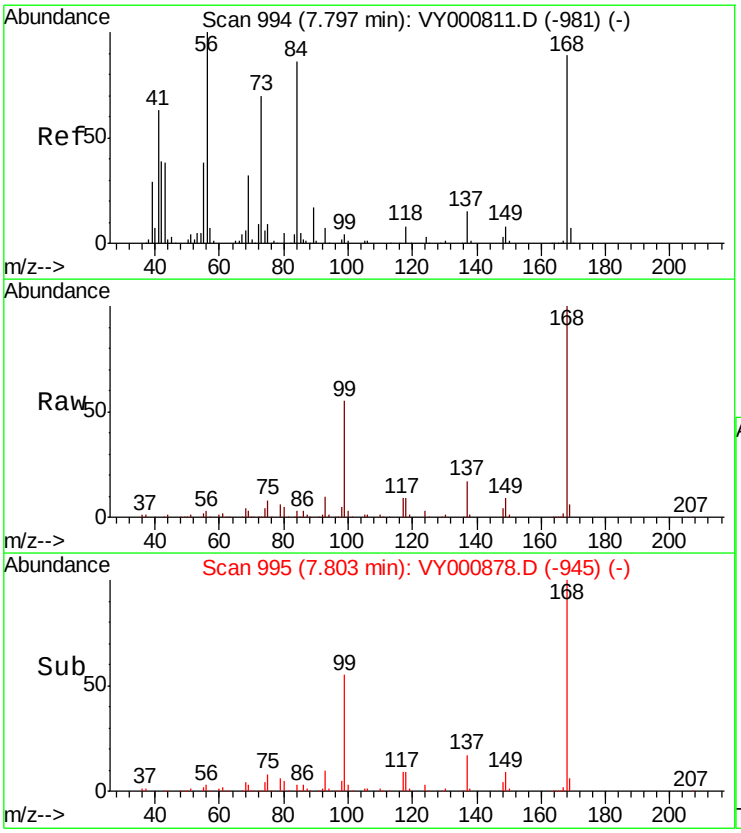
#29
Tetrahydrofuran
Concen: 1.206 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY000878.D
Acq: 05 Dec 2019 13:26

Instrument :
MSVOA_Y
ClientSampleId :
P001-WC002

Tgt Ion: 42 Resp: 820

Ion	Ratio	Lower	Upper
42	100		
72	42.3	35.1	52.7
71	7.1	32.8	49.2#

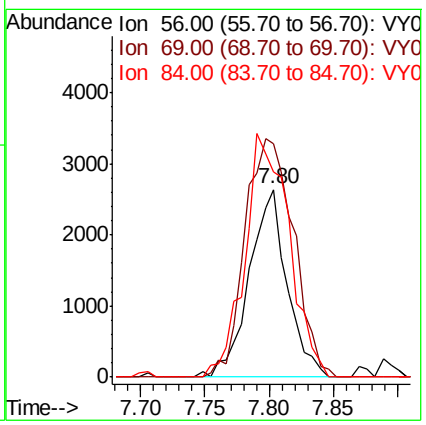


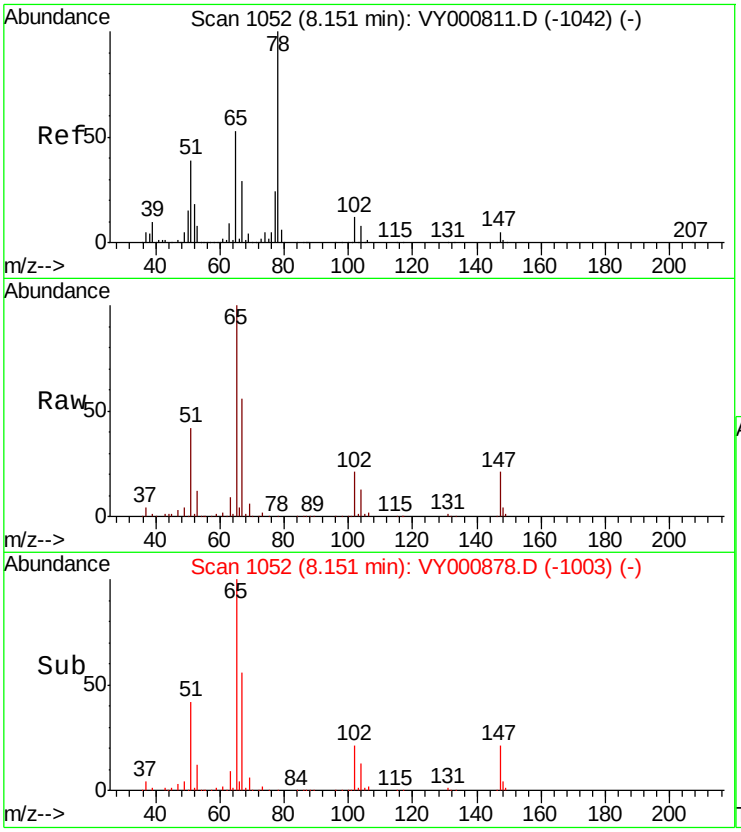


#31
Cyclohexane
Concen: 1.044 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000878.D
Acq: 05 Dec 2019 13:26

Tgt Ion: 56 Resp: 5367

Ion	Ratio	Lower	Upper
56	100		
69	124.6	25.9	38.9#
84	121.1	68.6	102.8#



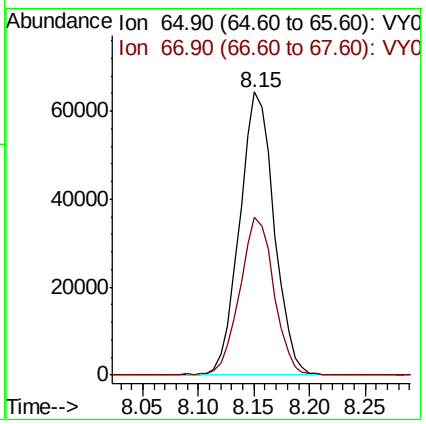


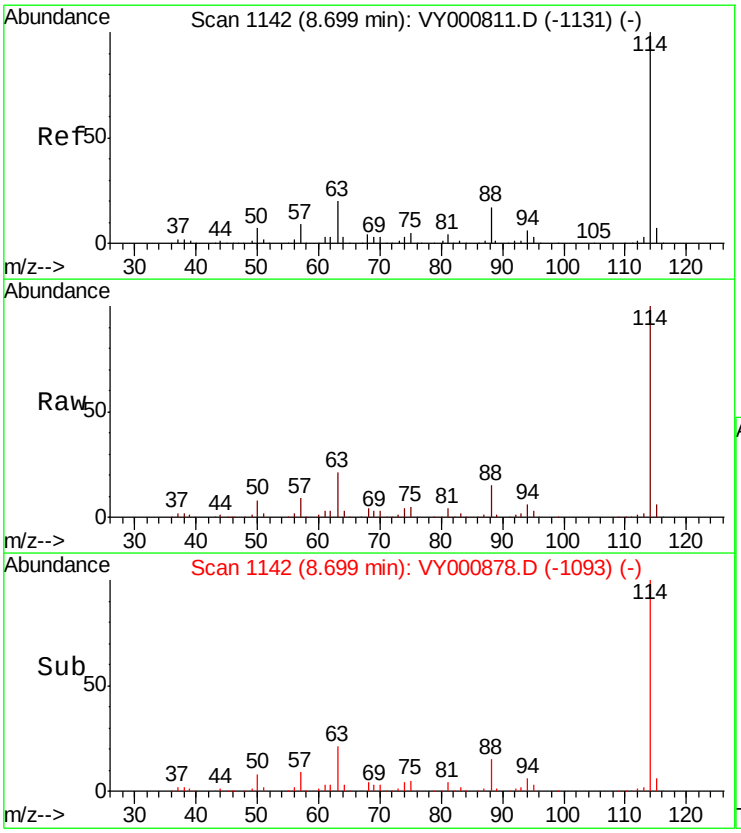
#33
1,2-Dichloroethane-d4
Concen: 57.237 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000878.D
Acq: 05 Dec 2019 13:26

Instrument :
MSVOA_Y
ClientSampleId :
P001-WC002

Tgt Ion: 65 Resp: 138623

Ion	Ratio	Lower	Upper
65	100		
67	55.7	0.0	112.0

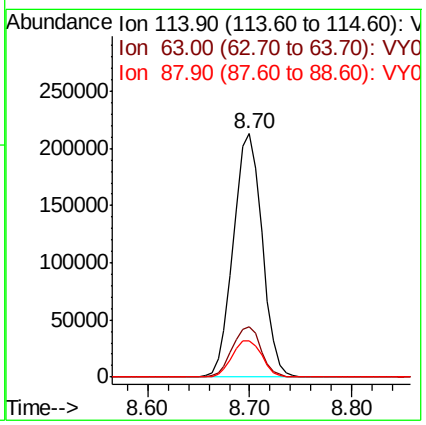


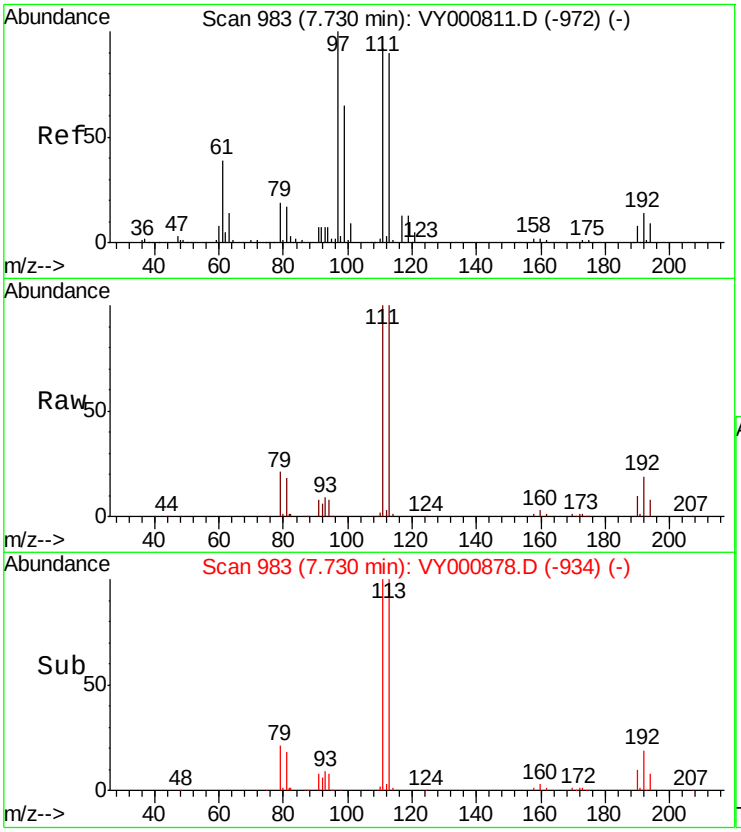


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VY000878.D
Acq: 05 Dec 2019 13:26

Tgt Ion:114 Resp: 415839

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	39.8
88	14.7	0.0	33.2



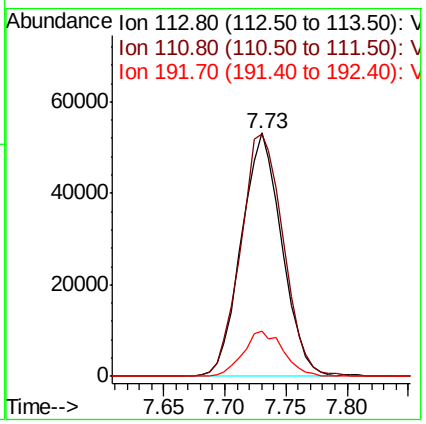


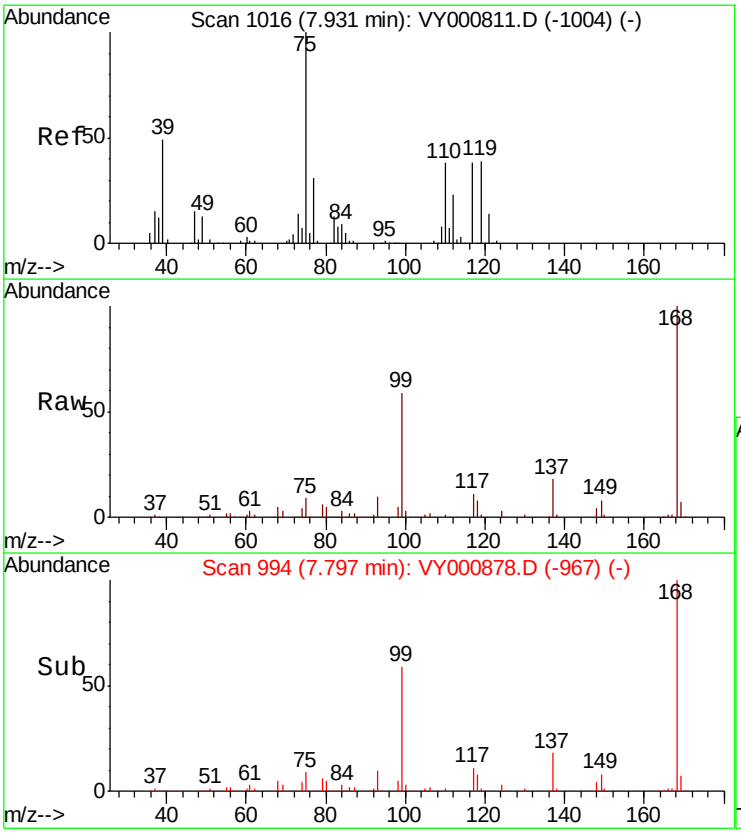
#35
Dibromofluoromethane
Concen: 50.545 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000878.D
Acq: 05 Dec 2019 13:26

Instrument :
MSVOA_Y
ClientSampleId :
P001-WC002

Tgt Ion:113 Resp: 122496

Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.4	123.6
192	18.5	14.2	21.2

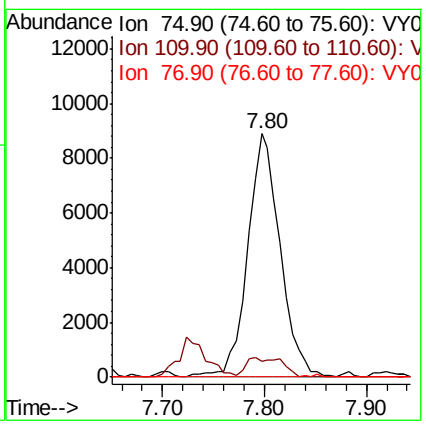


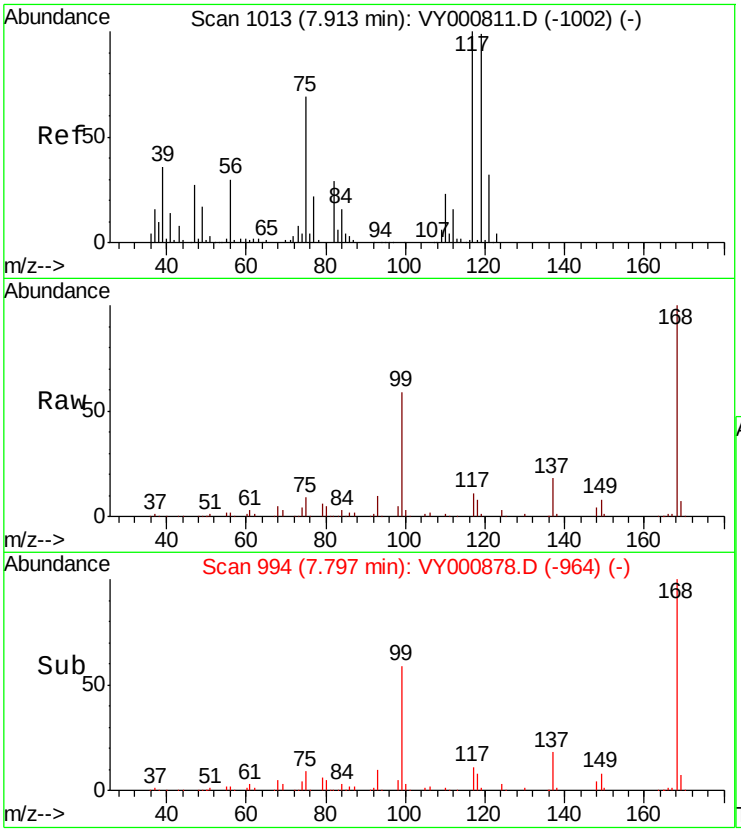


#36
1,1-Dichloropropene
Concen: 4.774 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY000878.D
Acq: 05 Dec 2019 13:26

Tgt Ion: 75 Resp: 19741

Ion	Ratio	Lower	Upper
75	100		
110	3.5	17.9	53.7#
77	0.0	24.7	37.1#



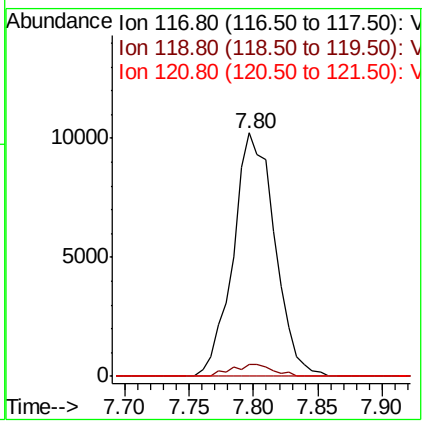


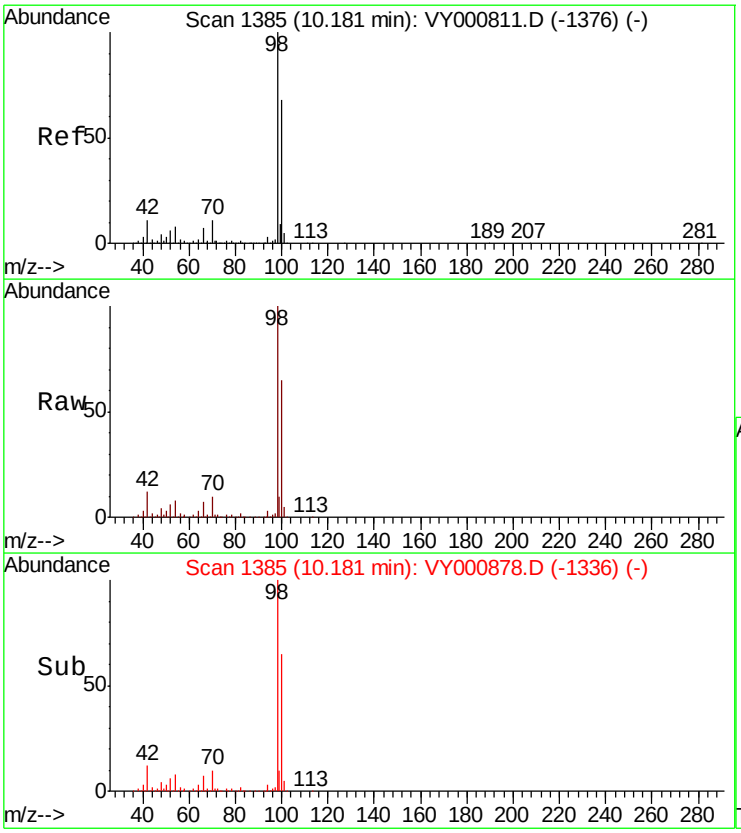
#38
Carbon Tetrachloride
Concen: 6.203 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000878.D
Acq: 05 Dec 2019 13:26

Instrument : MSVOA_Y
ClientSampleId : P001-WC002

Tgt Ion:117 Resp: 22840

Ion	Ratio	Lower	Upper
117	100		
119	5.0	79.3	118.9#
121	0.0	25.5	38.3#

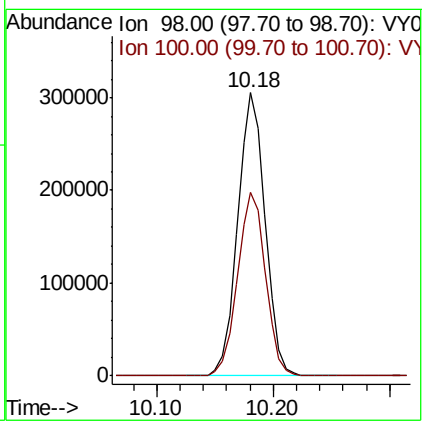


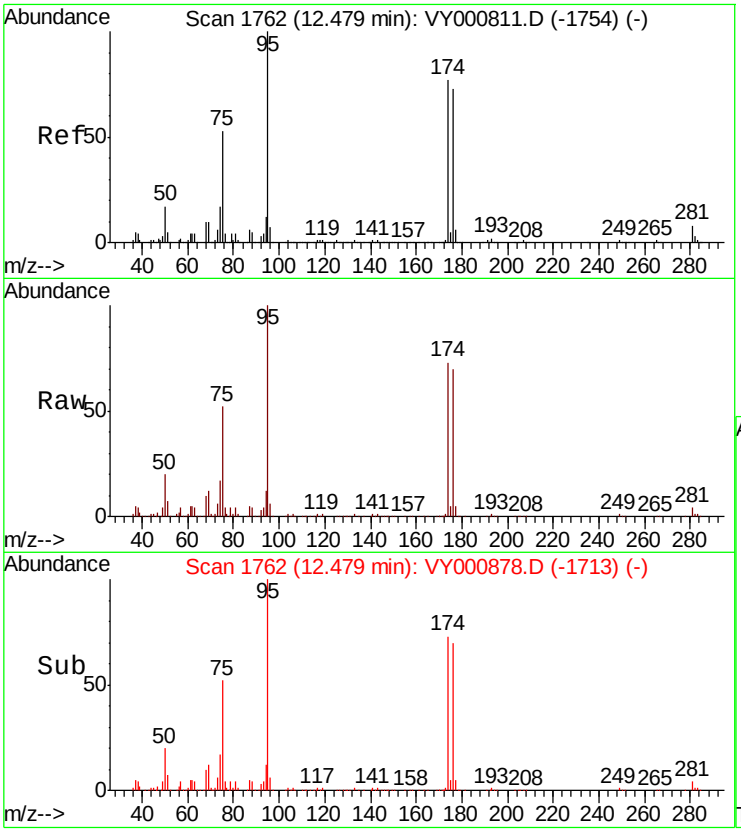


#50
Toluene-d8
Concen: 51.673 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000878.D
Acq: 05 Dec 2019 13:26

Tgt Ion: 98 Resp: 500664

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.1	79.7



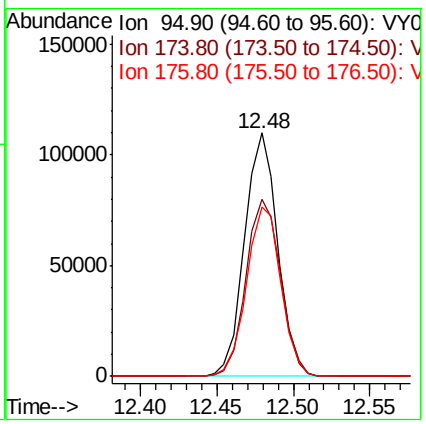


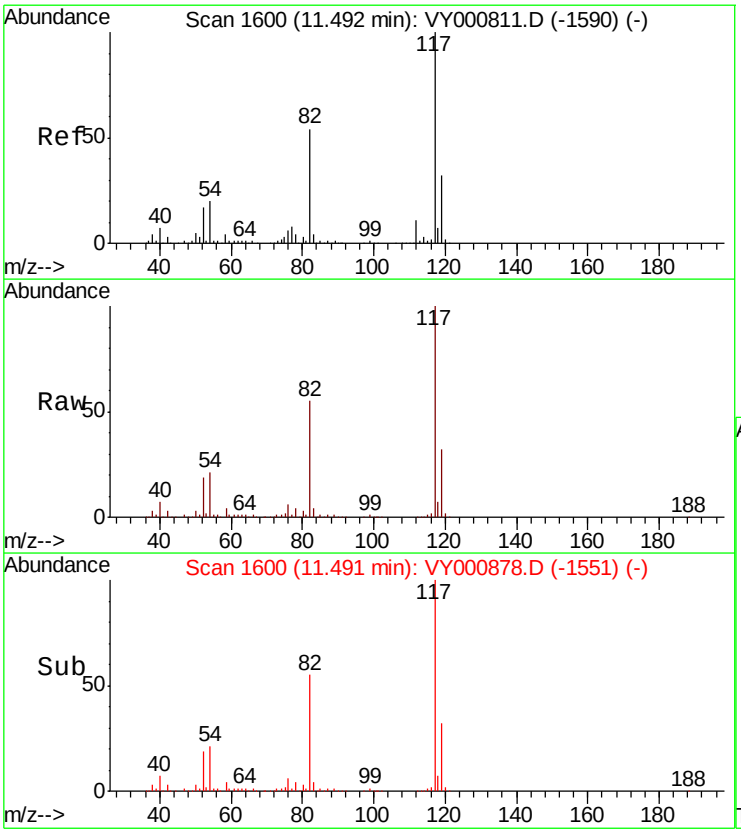
#62
4-Bromofluorobenzene
Concen: 45.376 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000878.D
Acq: 05 Dec 2019 13:26

Instrument :
MSVOA_Y
ClientSampleId :
P001-WC002

Tgt Ion: 95 Resp: 165112

Ion	Ratio	Lower	Upper
95	100		
174	76.4	0.0	150.6
176	72.6	0.0	145.2

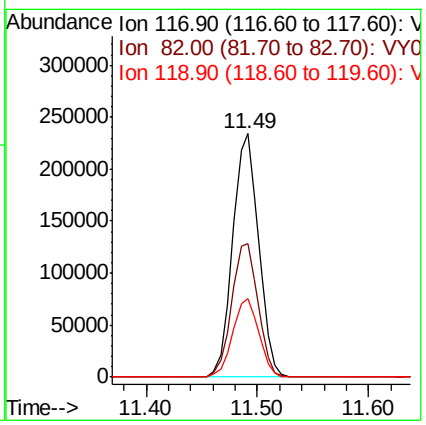


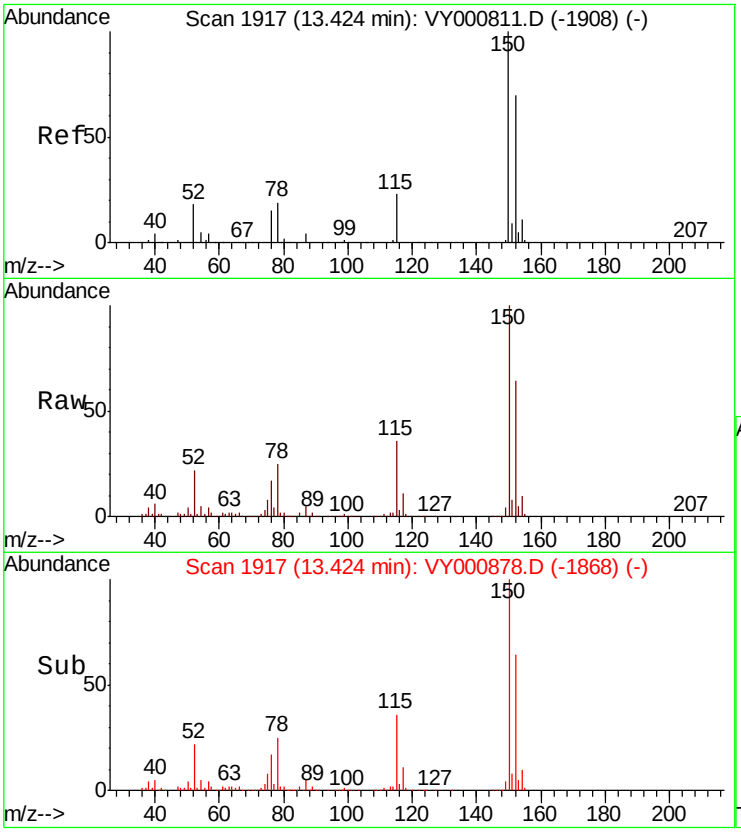


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000878.D
Acq: 05 Dec 2019 13:26

Tgt Ion:117 Resp: 376311

Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.1	64.7
119	32.0	25.3	37.9



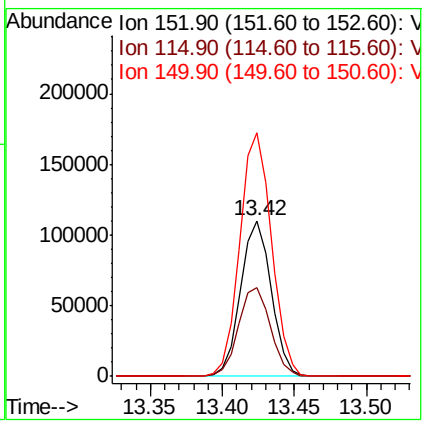


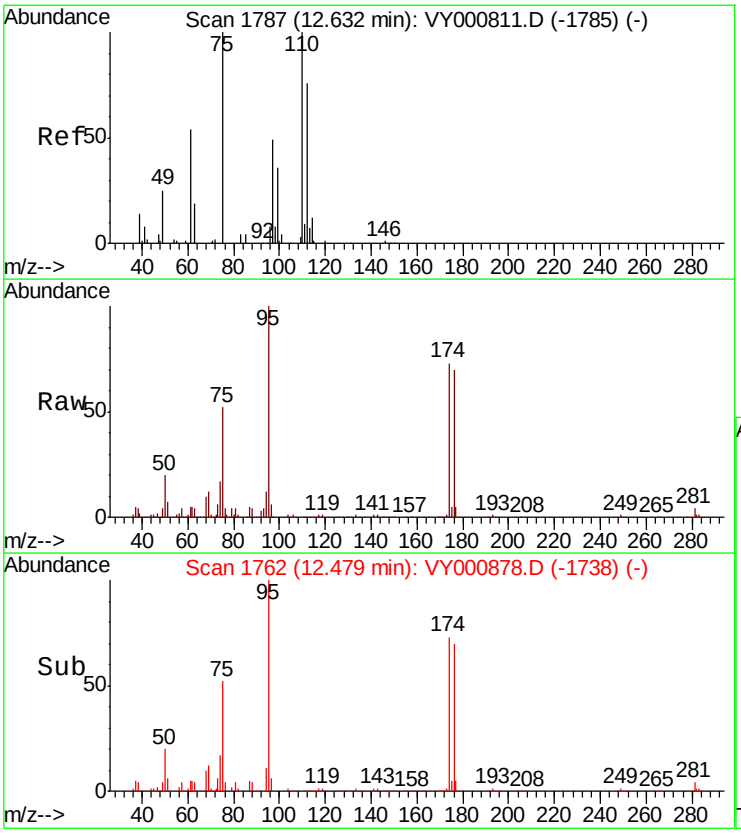
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000878.D
Acq: 05 Dec 2019 13:26

Instrument : MSVOA_Y
ClientSampleId : P001-WC002

Tgt Ion:152 Resp: 162191

Ion	Ratio	Lower	Upper
152	100		
115	59.8	29.3	87.8
150	161.1	0.0	351.2

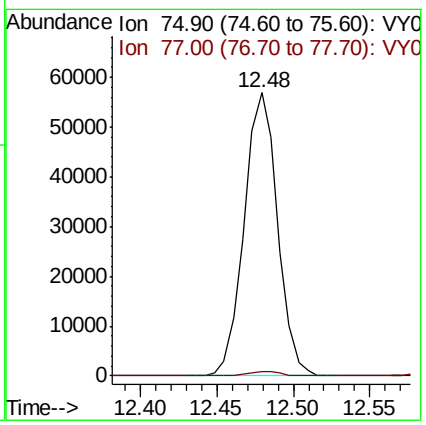


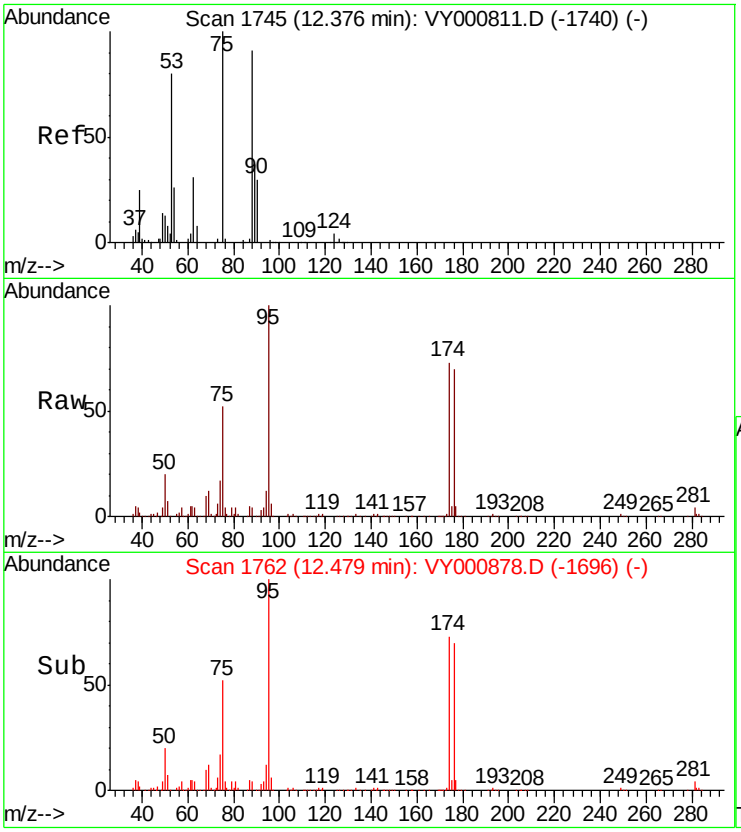


#76
1,2,3-Trichloropropane
Concen: 46.874 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000878.D
Acq: 05 Dec 2019 13:26

Tgt Ion: 75 Resp: 86136

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 92.074 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000878.D
Acq: 05 Dec 2019 13:26

Instrument :
MSVOA_Y
ClientSampleId :
P001-WC002

Tgt Ion: 75 Resp: 86136

Ion	Ratio	Lower	Upper
75	100		
53	0.0	64.6	96.8#
89	0.3	33.6	50.4#