Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY071020\
Data File : VY003169.D
Acq On : 10 Jul 2020 17:31
Operator : SY/MD
Sample : L3255-05RE
Misc : 7.02G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : CHRT-58RE

Quant Time: Jul 11 06:02:41 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	408397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	613573	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	465494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	134053	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	192657	55.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.78%			
35) Dibromofluoromethane	7.72	113	188266	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.64%			
50) Toluene-d8	10.18	98	679135	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.46%			
62) 4-Bromofluorobenzene	12.48	95	169885	35.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 71.64%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.96	59	770	2.066	ug/l #	86
13) Acrolein	3.74	56	519	1.604	ug/l	86
16) Acetone	3.96	43	29324	38.085	ug/l	98
25) 2-Butanone	6.99	43	7072	5.594	ug/l	92
31) Cyclohexane	7.79	56	7863	1.254	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	27987	5.033	ug/l #	50
38) Carbon Tetrachloride	7.79	117	36989	6.443	ug/l #	16
49) 1,4-Dioxane	9.32	88	48	1.634	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	86874	73.213	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	86874	142.486	ug/l #	14
93) 1,2,4-Trichlorobenzene	15.01	180	2695	1.048	ug/l #	3
95) Naphthalene	15.23	128	7365	1.733	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.39	180	9190	4.522	ug/l #	20

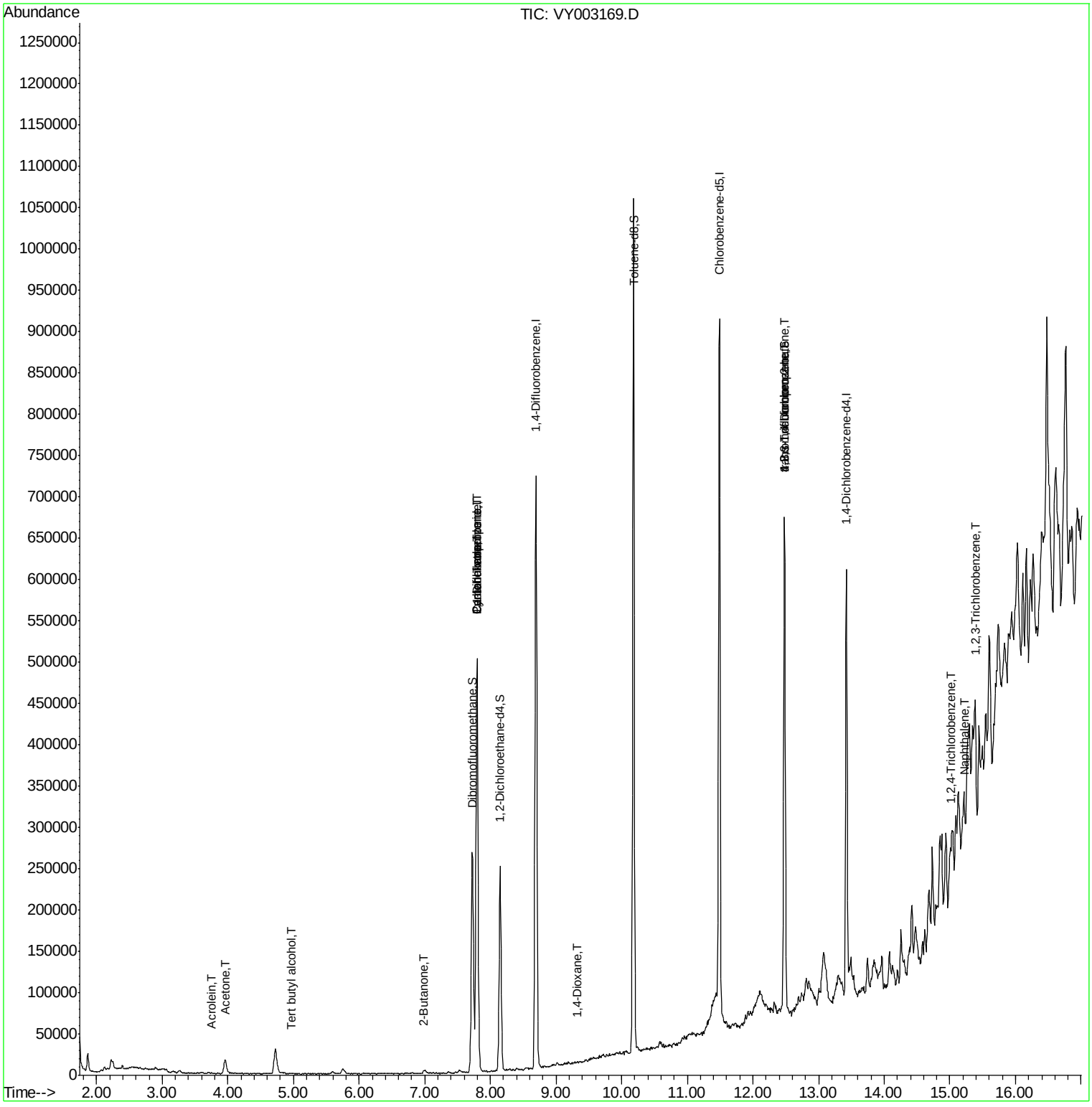
(#) = qualifier out of range (m) = manual integration (+) = signals summed

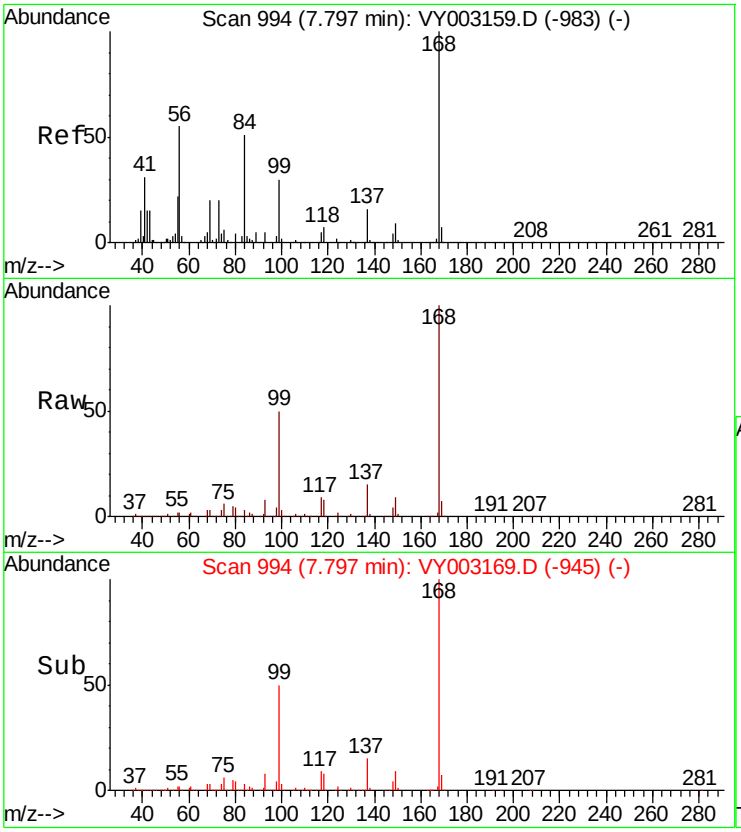
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY071020\
Data File : VY003169.D
Acq On : 10 Jul 2020 17:31
Operator : SY/MD
Sample : L3255-05RE
Misc : 7.02G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : CHRT-58RE

Quant Time: Jul 11 06:02:41 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



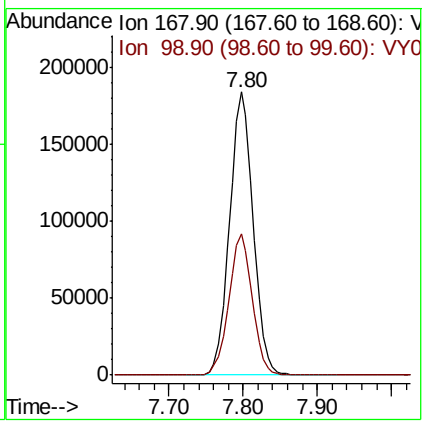


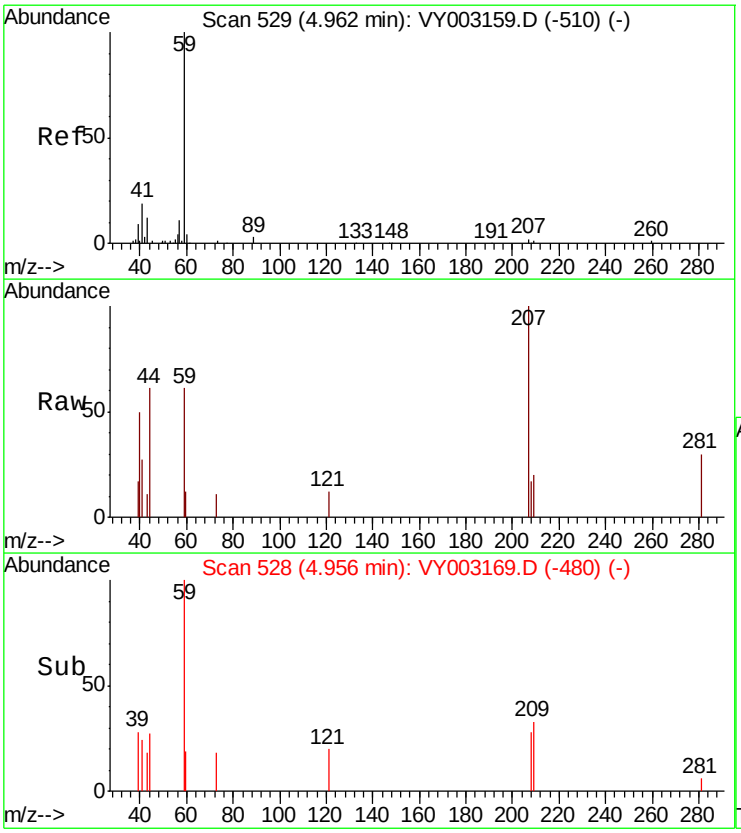
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY003169.D
Acq: 10 Jul 2020 17:31

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-58RE

Tgt Ion:168 Resp: 408397

Ion	Ratio	Lower	Upper
168	100		
99	49.8	37.3	55.9

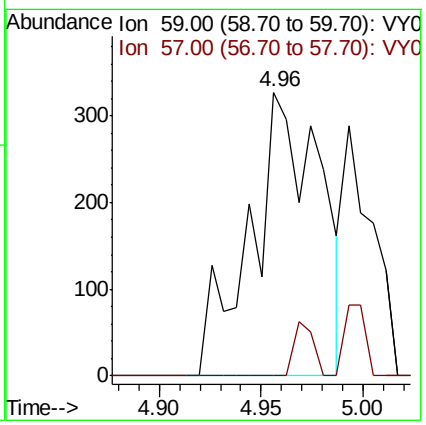


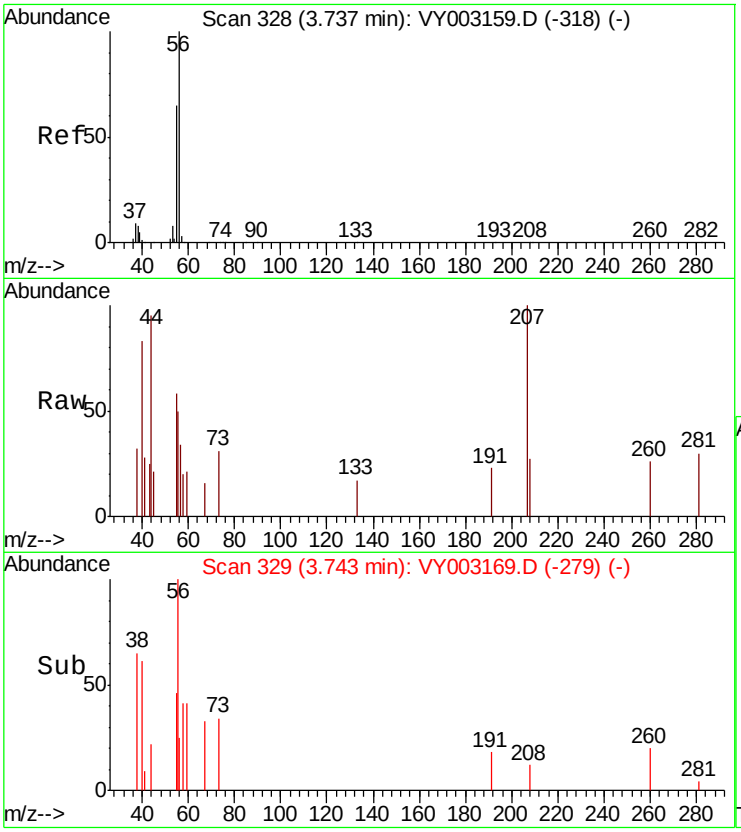


#11
Tert butyl alcohol
Concen: 2.066 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.01 min
Lab File: VY003169.D
Acq: 10 Jul 2020 17:31

Tgt Ion: 59 Resp: 770

Ion	Ratio	Lower	Upper
59	100		
57	5.3	8.4	12.6#



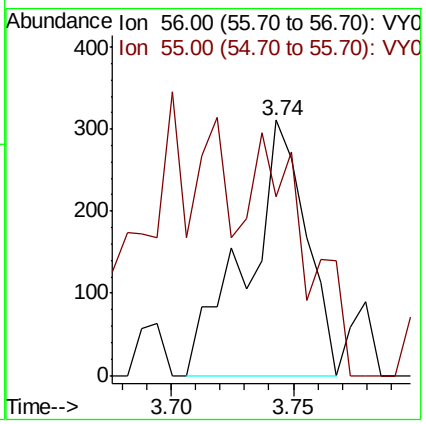


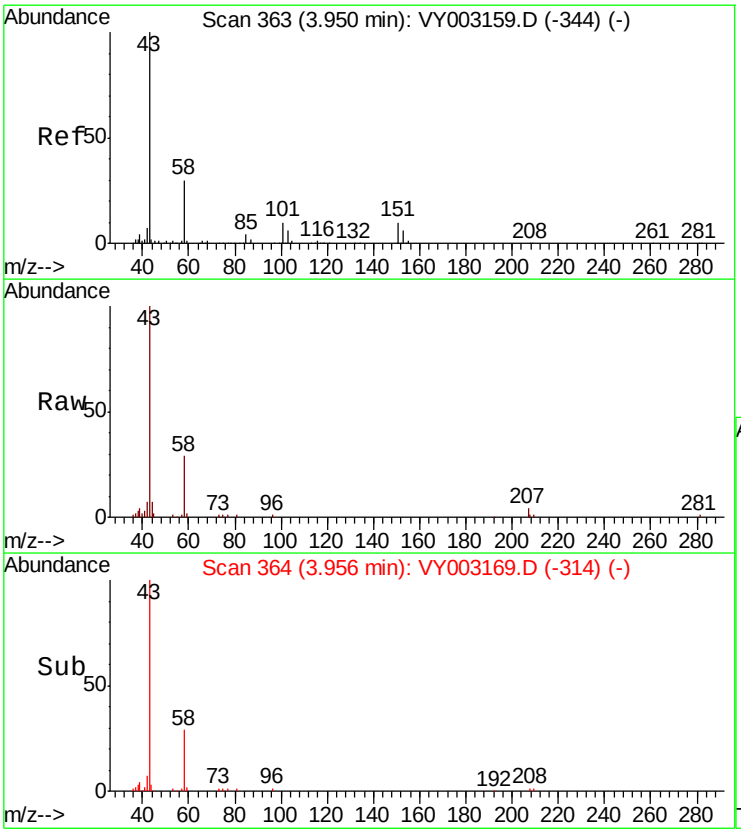
#13
Acrolein
Concen: 1.604 ug/l
RT: 3.74 min Scan# 329
Delta R.T. 0.01 min
Lab File: VY003169.D
Acq: 10 Jul 2020 17:31

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-58RE

Tgt Ion: 56 Resp: 519

Ion	Ratio	Lower	Upper
56	100		
55	81.5	56.0	84.0

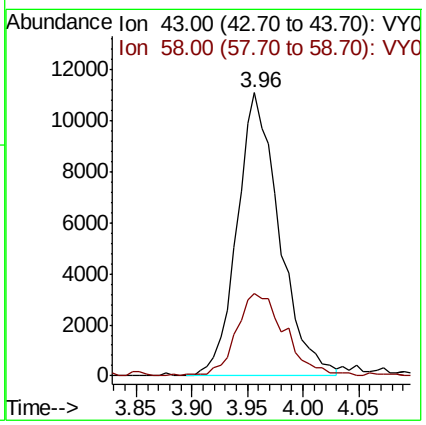


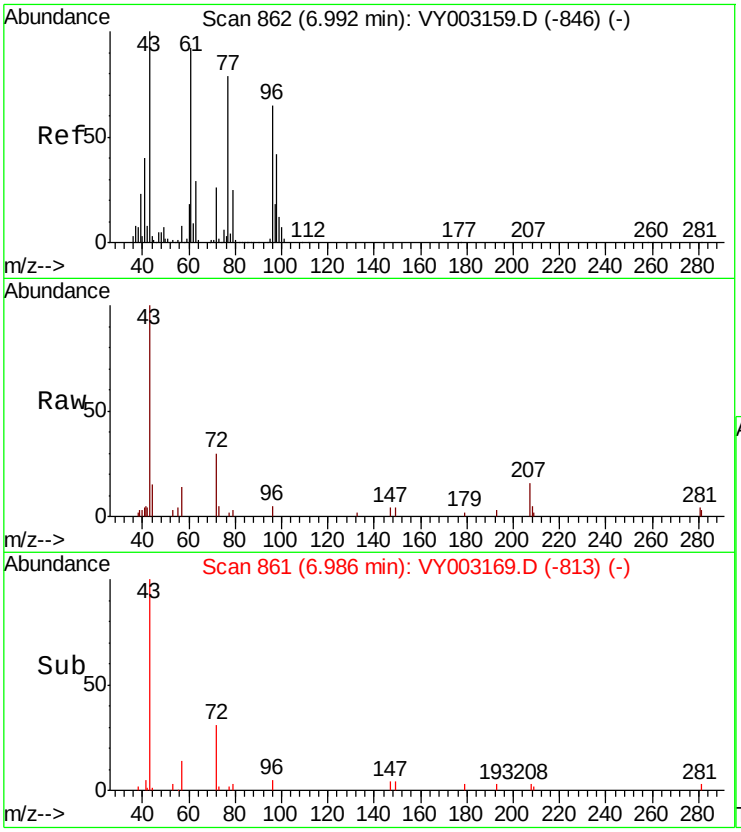


#16
Acetone
Concen: 38.085 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY003169.D
Acq: 10 Jul 2020 17:31

Tgt Ion: 43 Resp: 29324

Ion	Ratio	Lower	Upper
43	100		
58	28.4	23.8	35.6



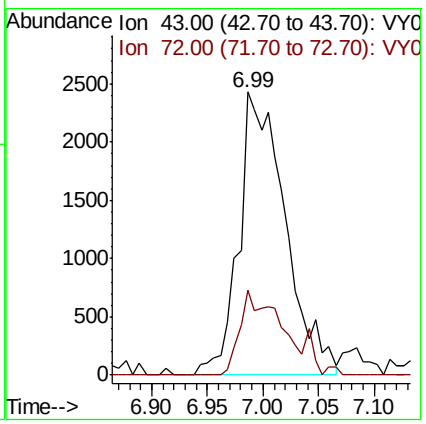


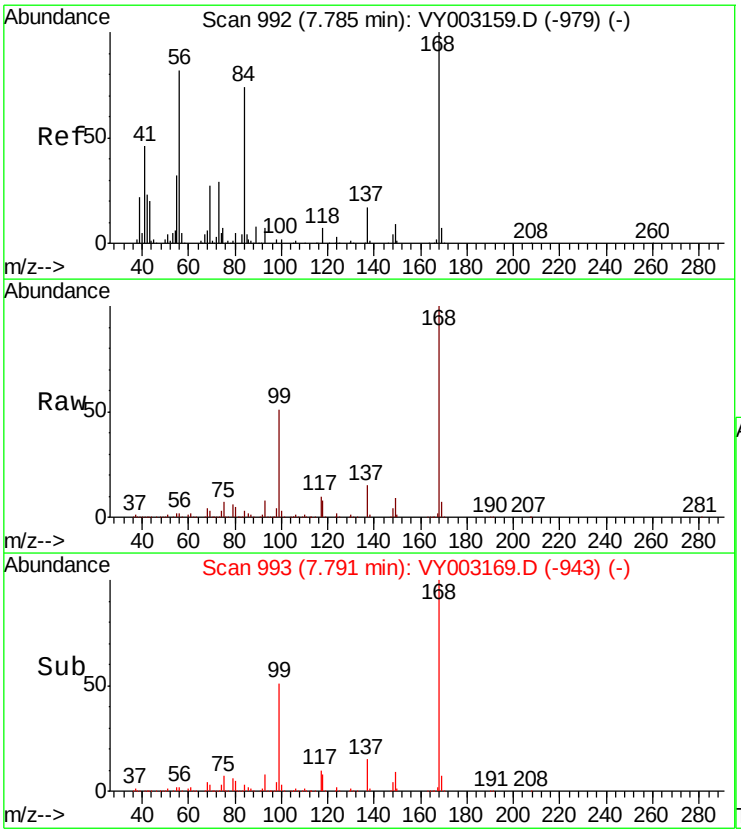
#25
2-Butanone
Concen: 5.594 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003169.D
Acq: 10 Jul 2020 17:31

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-58RE

Tgt Ion: 43 Resp: 7072

Ion	Ratio	Lower	Upper
43	100		
72	30.1	20.9	31.3

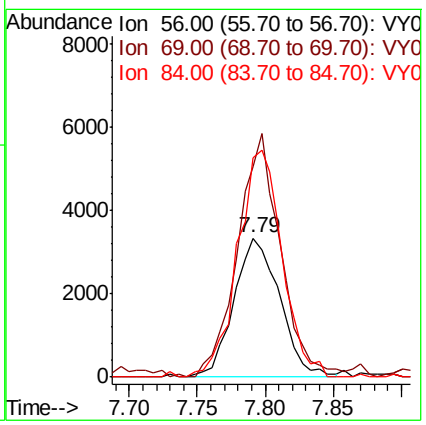


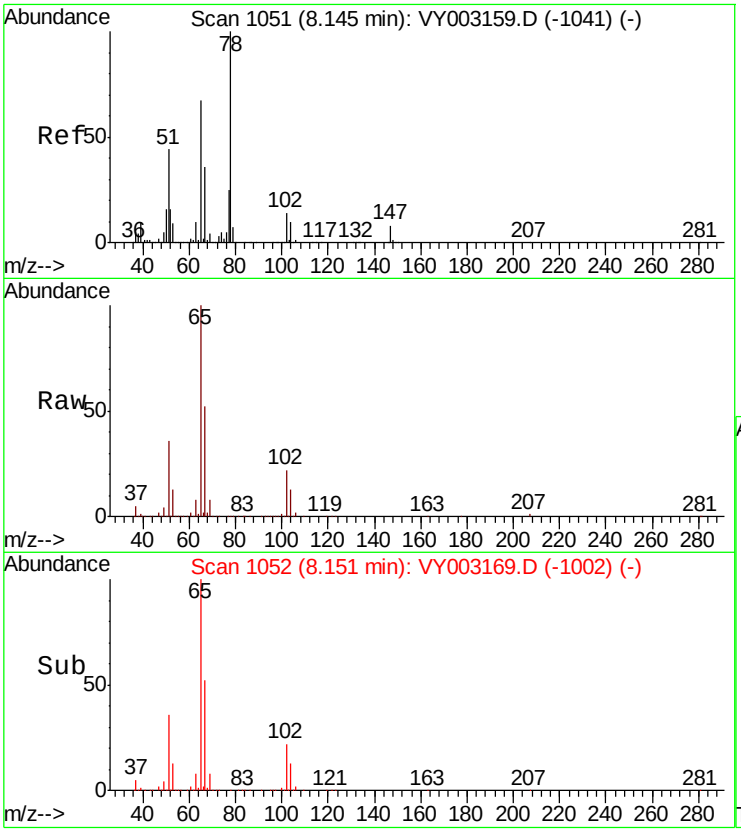


#31
Cyclohexane
Concen: 1.254 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003169.D
Acq: 10 Jul 2020 17:31

Tgt Ion: 56 Resp: 7863

Ion	Ratio	Lower	Upper
56	100		
69	150.9	26.7	40.1#
84	157.4	72.3	108.5#



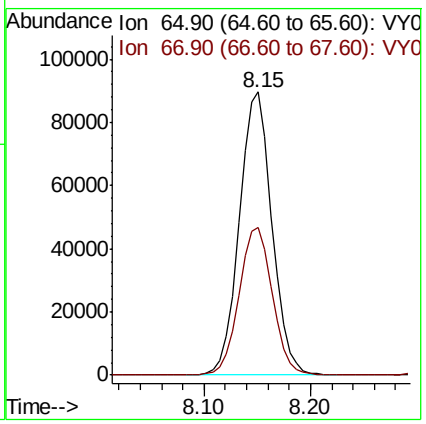


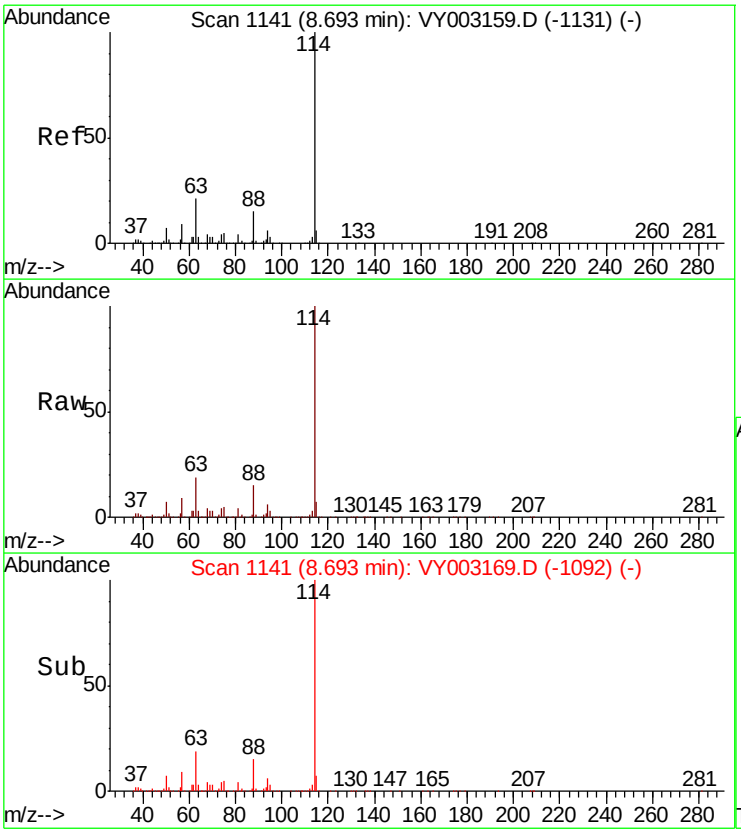
#33
1,2-Dichloroethane-d4
Concen: 55.891 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003169.D
Acq: 10 Jul 2020 17:31

Instrument : MSVOA_Y
ClientSampleId : CHRT-58RE

Tgt Ion: 65 Resp: 192657

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.2

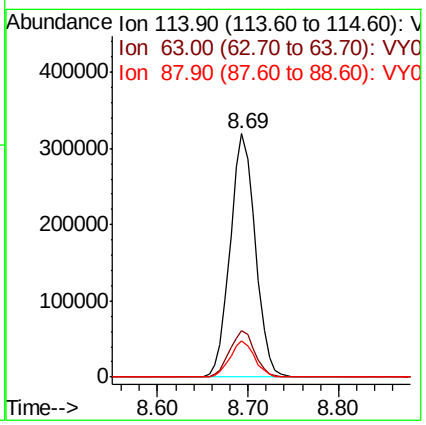


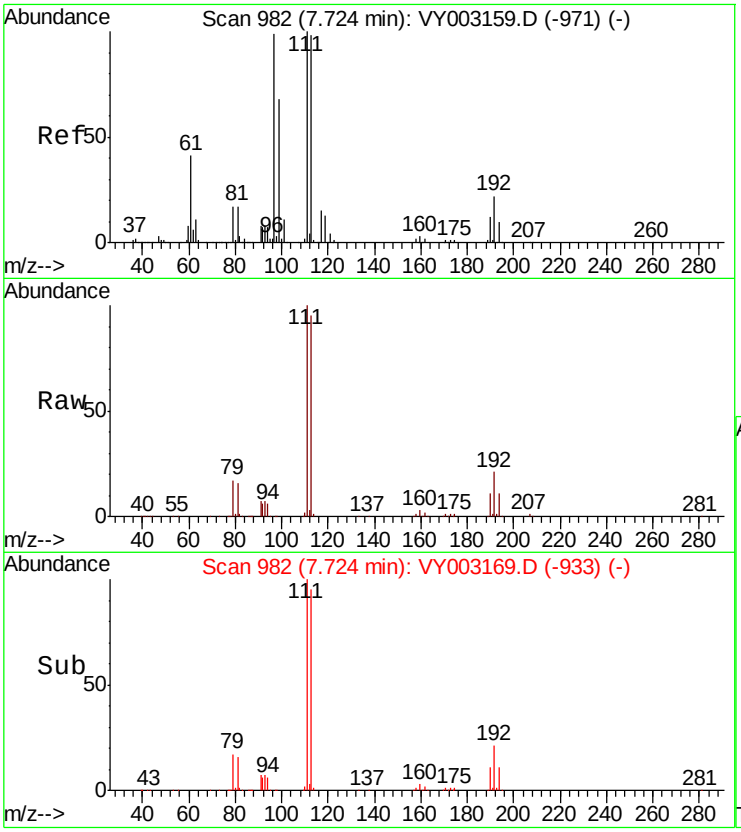


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY003169.D
Acq: 10 Jul 2020 17:31

Tgt Ion:114 Resp: 613573

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	41.2
88	14.7	0.0	30.2



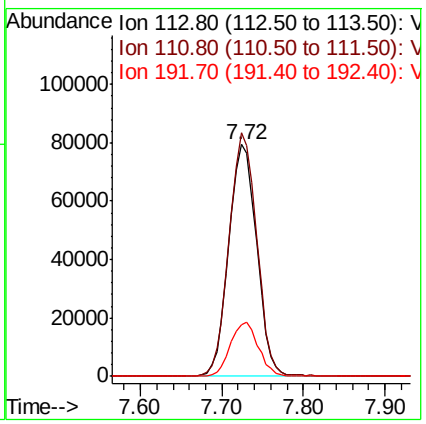


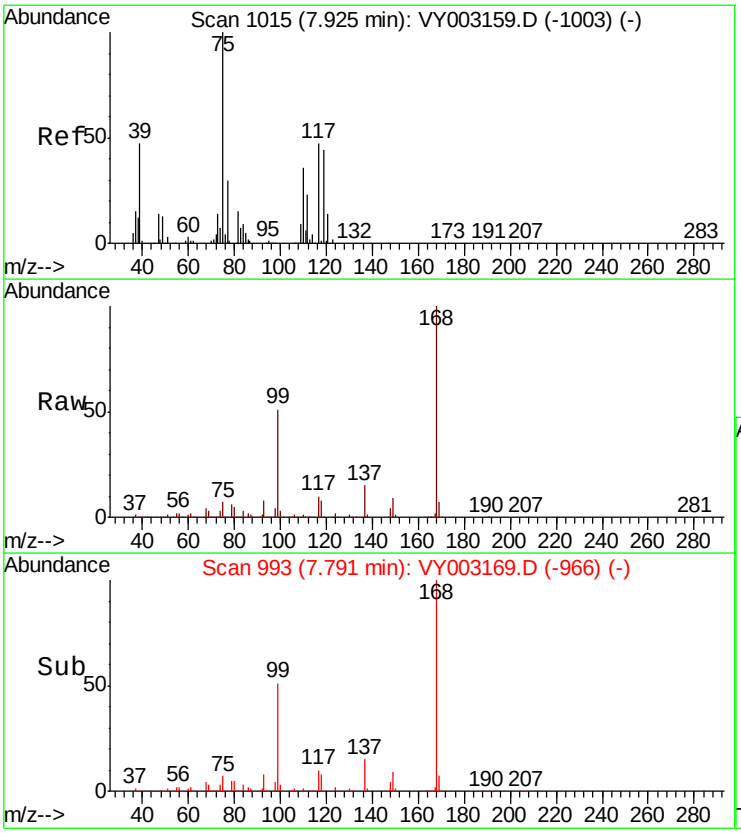
#35
Dibromofluoromethane
Concen: 53.319 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003169.D
Acq: 10 Jul 2020 17:31

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-58RE

Tgt Ion:113 Resp: 188266

Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.1	123.1
192	23.0	18.8	28.2

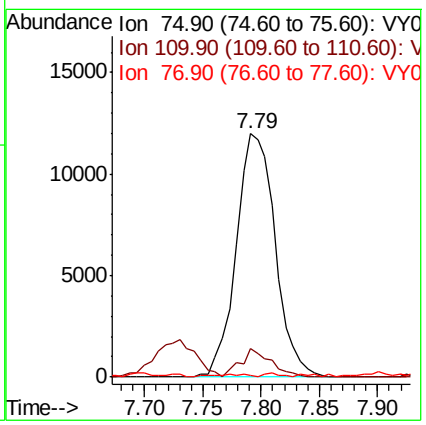


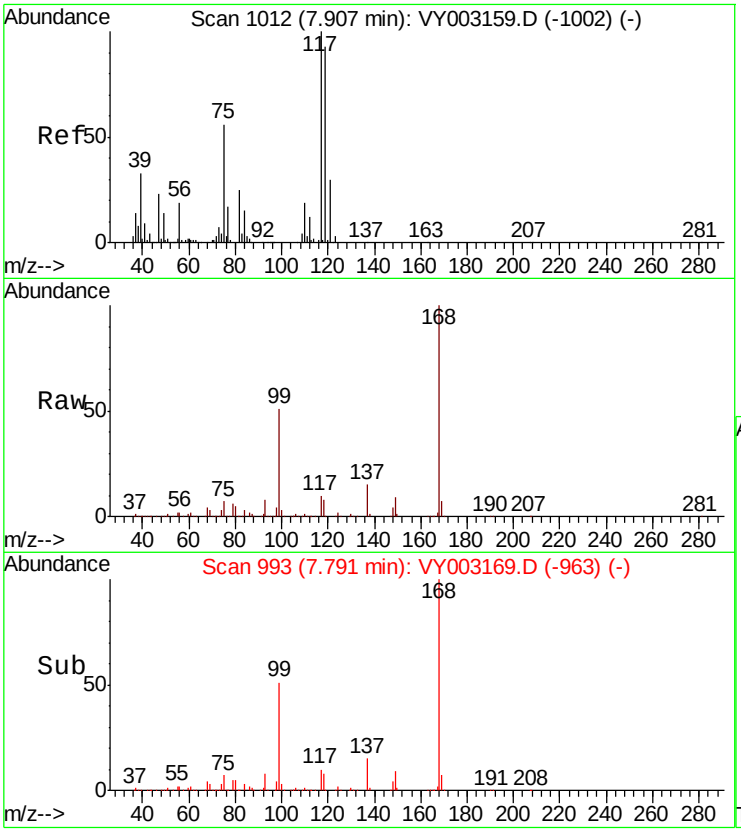


#36
1,1-Dichloropropene
Concen: 5.033 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.13 min
Lab File: VY003169.D
Acq: 10 Jul 2020 17:31

Tgt Ion: 75 Resp: 27987

Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.1#
77	1.0	24.8	37.2#



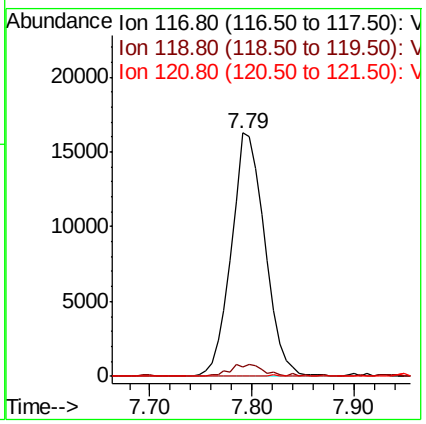


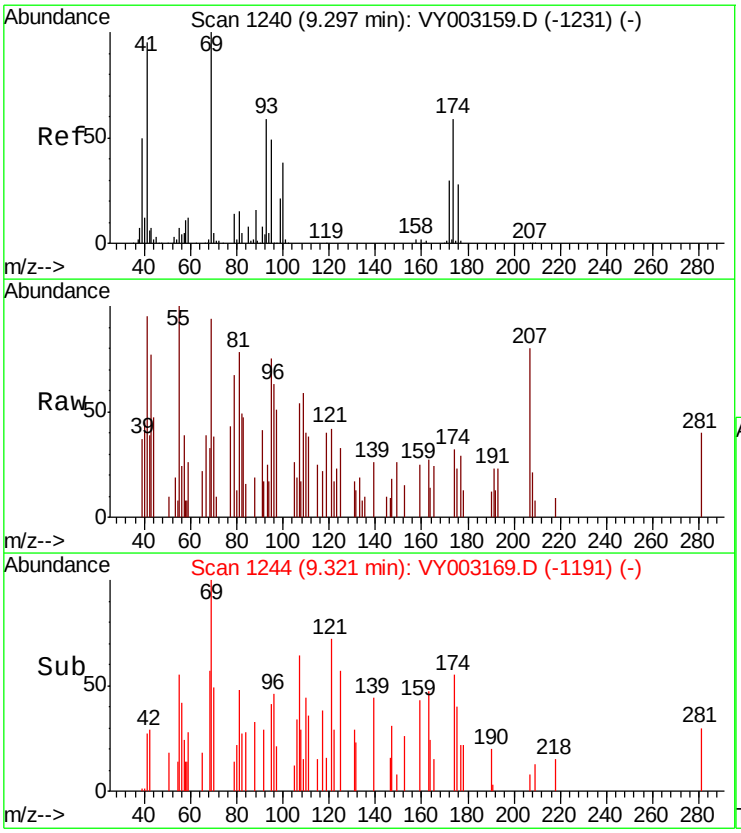
#38
Carbon Tetrachloride
Concen: 6.443 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.12 min
Lab File: VY003169.D
Acq: 10 Jul 2020 17:31

Instrument : MSVOA_Y
ClientSampleId : CHRT-58RE

Tgt Ion:117 Resp: 36989

Ion	Ratio	Lower	Upper
117	100		
119	4.0	74.5	111.7#
121	0.0	24.2	36.2#

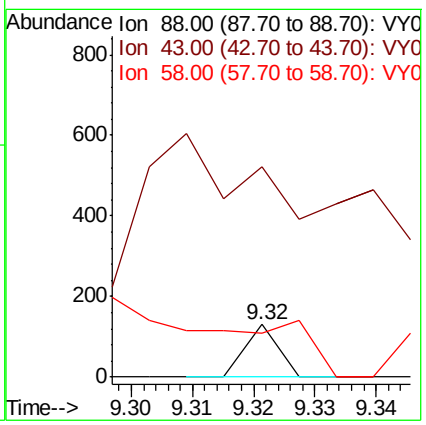


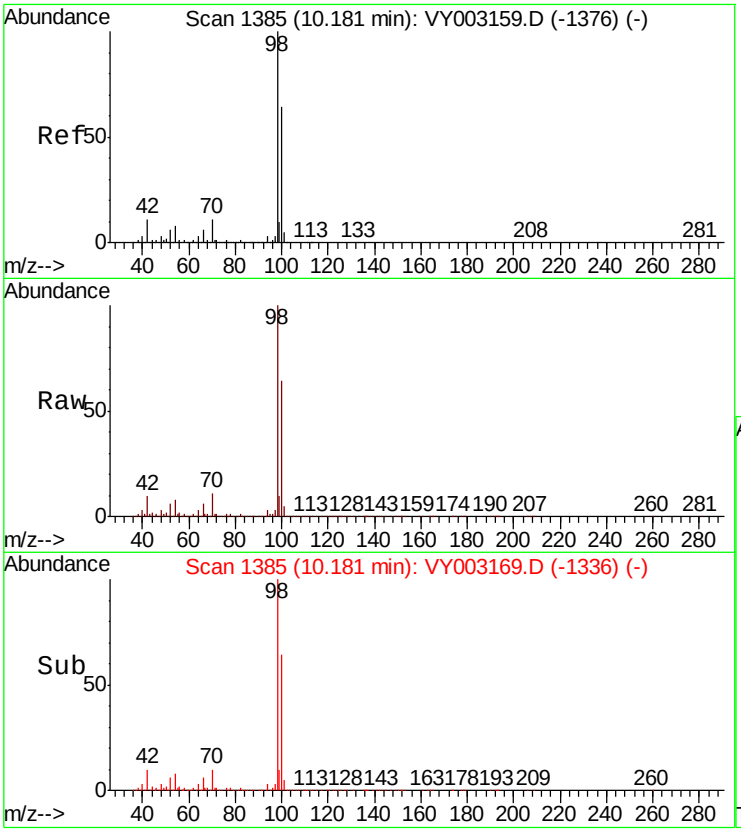


#49
1,4-Dioxane
Concen: 1.634 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.02 min
Lab File: VY003169.D
Acq: 10 Jul 2020 17:31

Tgt Ion: 88 Resp: 48

Ion	Ratio	Lower	Upper
88	100		
43	1477.1	25.6	38.4#
58	0.0	47.8	71.6#



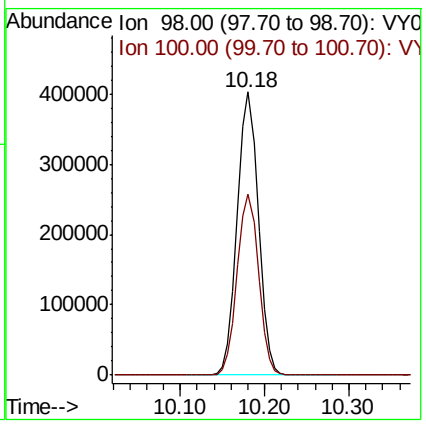


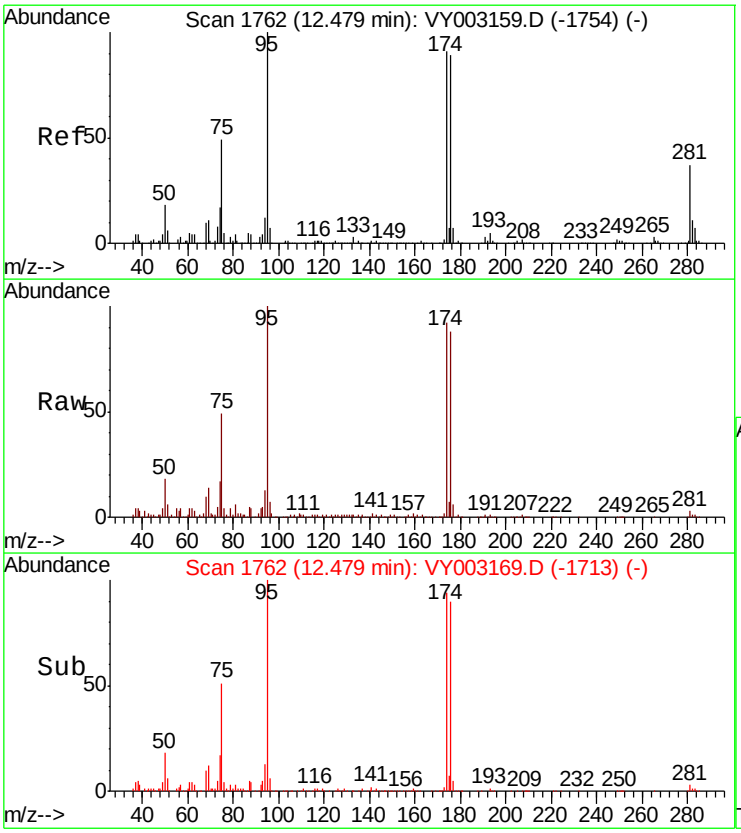
#50
Toluene-d8
Concen: 51.734 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003169.D
Acq: 10 Jul 2020 17:31

Instrument : MSVOA_Y
ClientSampleId : CHRT-58RE

Tgt Ion: 98 Resp: 679135

Ion	Ratio	Lower	Upper
98	100		
100	64.6	50.7	76.1

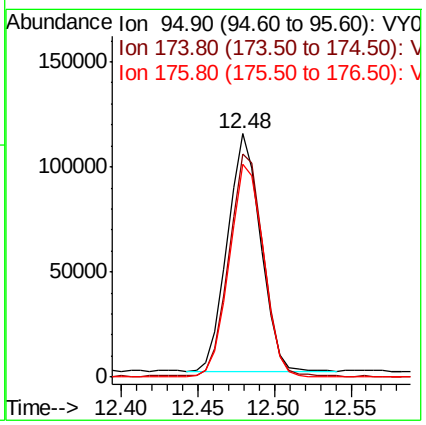


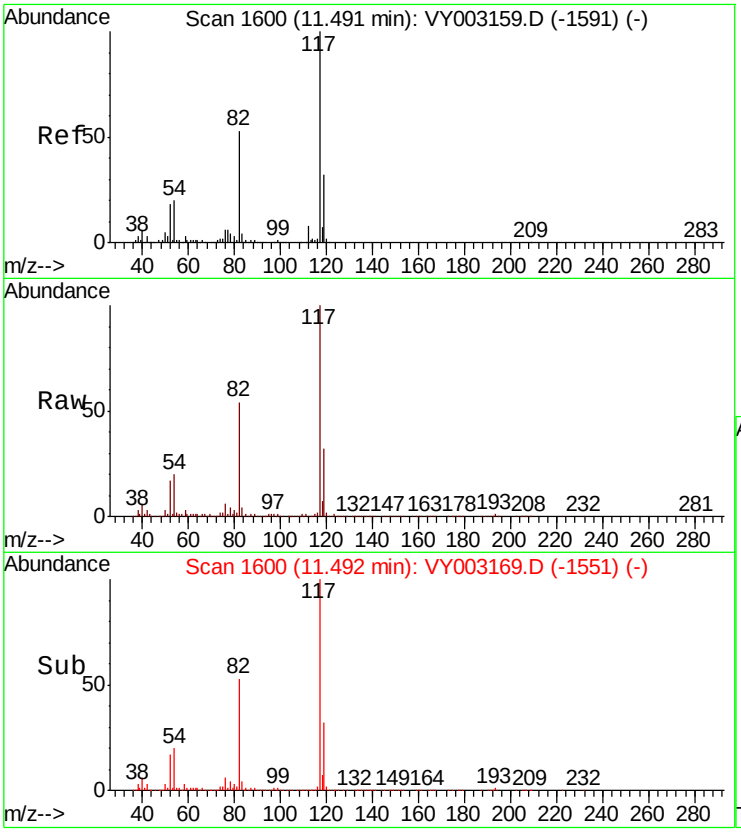


#62
4-Bromofluorobenzene
Concen: 35.822 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003169.D
Acq: 10 Jul 2020 17:31

Tgt Ion: 95 Resp: 169885

Ion	Ratio	Lower	Upper
95	100		
174	98.0	0.0	190.6
176	92.9	0.0	186.4



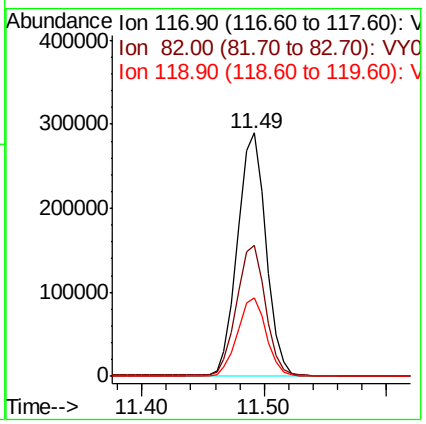


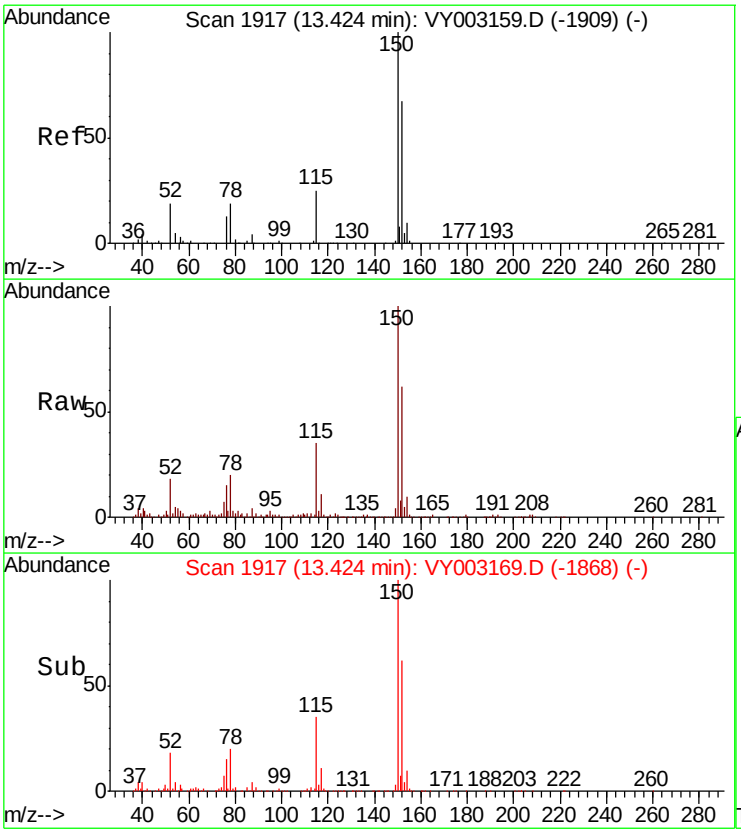
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003169.D
Acq: 10 Jul 2020 17:31

Instrument : MSVOA_Y
ClientSampleId : CHRT-58RE

Tgt Ion:117 Resp: 465494

Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.0	63.0
119	32.0	25.5	38.3

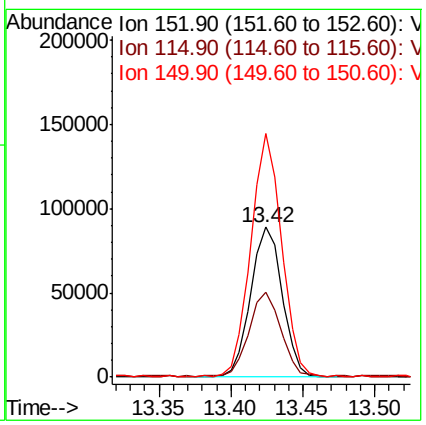


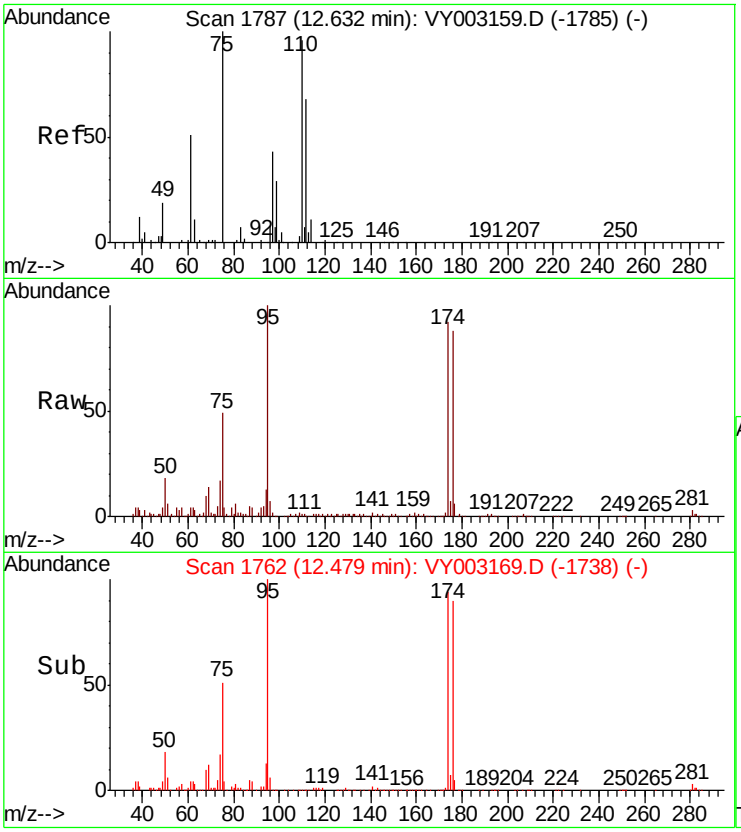


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003169.D
Acq: 10 Jul 2020 17:31

Tgt Ion:152 Resp: 134053

Ion	Ratio	Lower	Upper
152	100		
115	56.2	26.9	80.7
150	157.1	0.0	338.0



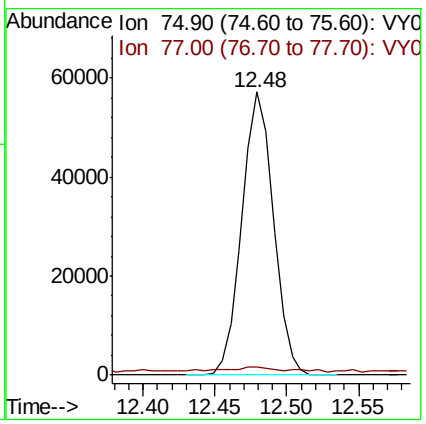


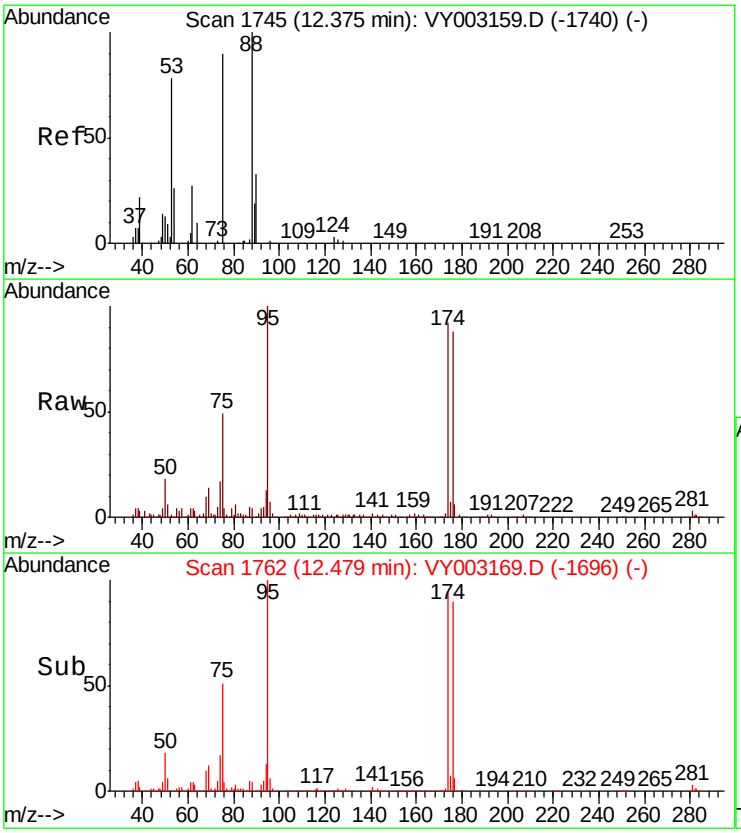
#76
1,2,3-Trichloropropane
Concen: 73.213 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003169.D
Acq: 10 Jul 2020 17:31

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-58RE

Tgt Ion: 75 Resp: 86874

Ion	Ratio	Lower	Upper
75	100		
77	2.1	0.0	0.0#

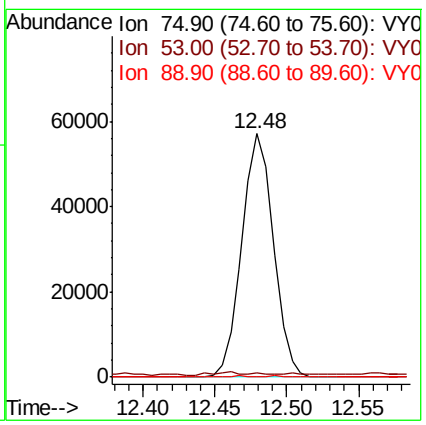


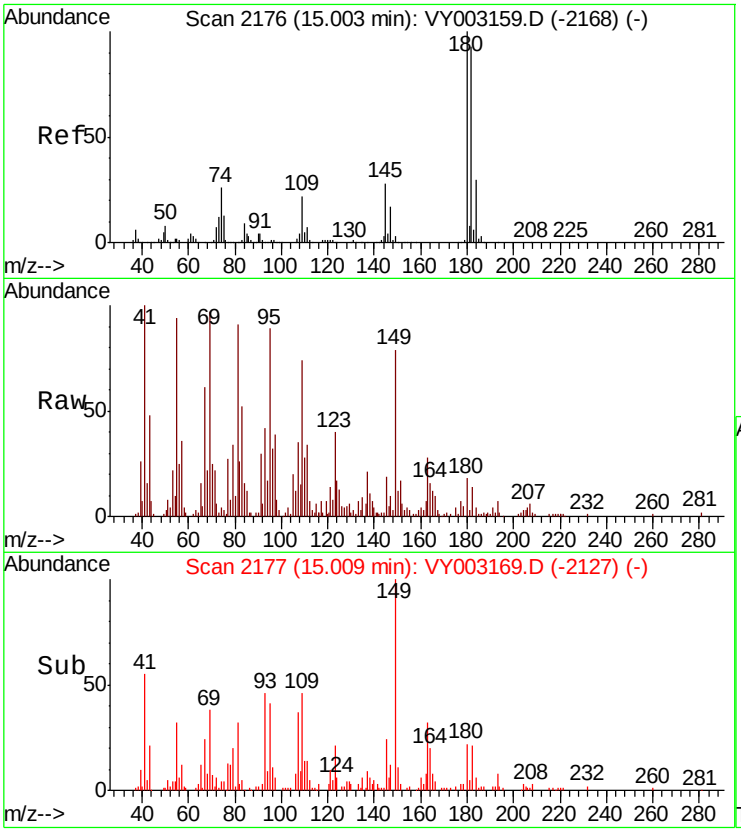


#81
trans-1,4-Dichloro-2-butene
Concen: 142.486 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY003169.D
Acq: 10 Jul 2020 17:31

Tgt Ion: 75 Resp: 86874

Ion	Ratio	Lower	Upper
75	100		
53	1.2	72.0	108.0#
89	0.3	37.3	55.9#



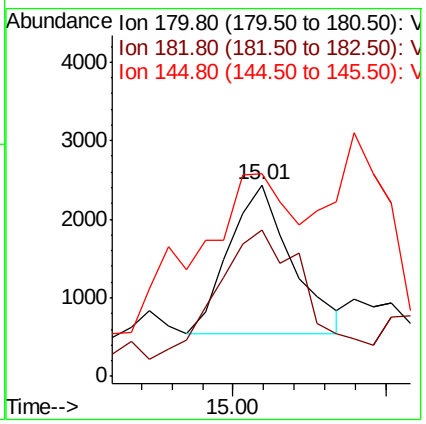


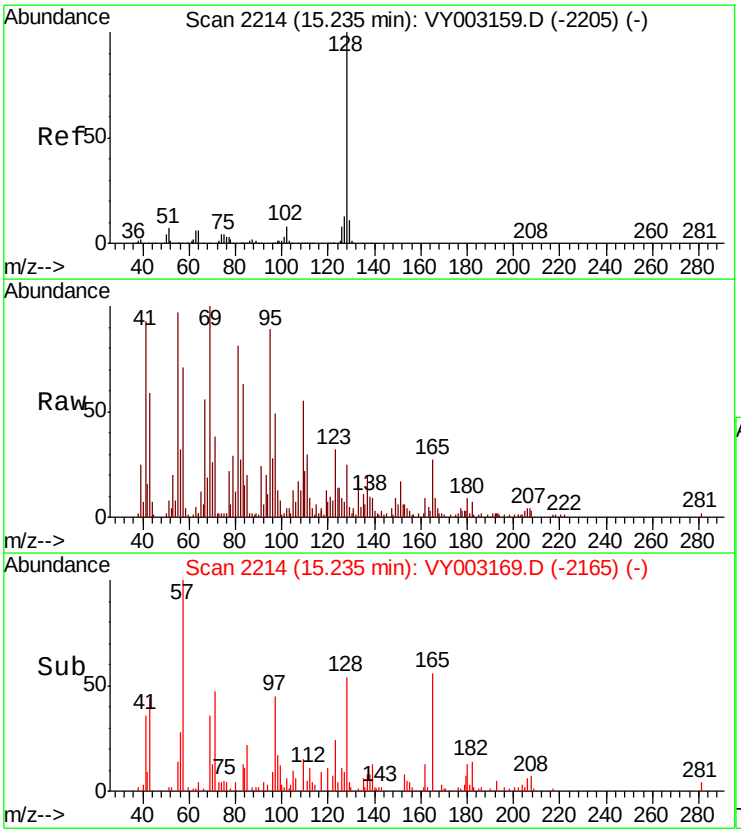
#93
1,2,4-Trichlorobenzene
Concen: 1.048 ug/l
RT: 15.01 min Scan# 2177
Delta R.T. 0.01 min
Lab File: VY003169.D
Acq: 10 Jul 2020 17:31

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-58RE

Tgt Ion:180 Resp: 2695

Ion	Ratio	Lower	Upper
180	100		
182	122.7	47.3	142.0
145	201.8	13.7	41.1#

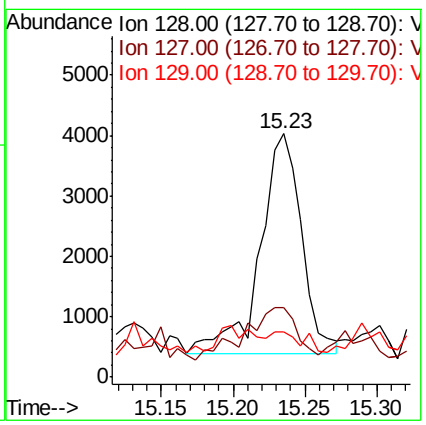


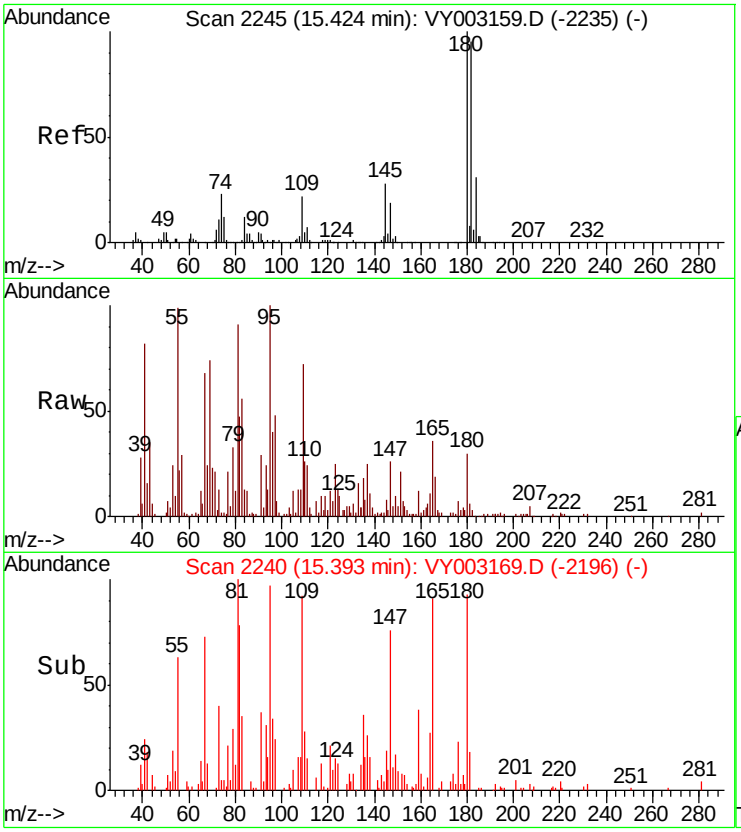


#95
Naphthalene
Concen: 1.733 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003169.D
Acq: 10 Jul 2020 17:31

Tgt Ion:128 Resp: 7365

Ion	Ratio	Lower	Upper
128	100		
127	29.6	10.9	16.3#
129	7.0	9.0	13.6#





#96
1,2,3-Trichlorobenzene
Concen: 4.522 ug/l
RT: 15.39 min Scan# 2240
Delta R.T. -0.03 min
Lab File: VY003169.D
Acq: 10 Jul 2020 17:31

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-58RE

Tgt Ion:180 Resp: 9190

Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.8	146.3#
145	20.5	14.9	44.5