Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071320\
Data File : VY003182.D
Acq On : 13 Jul 2020 13:47
Operator : SY/MD
Sample : L3276-02
Misc : 5.04G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VOC

Quant Time: Jul 14 03:56:32 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	438873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	641654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	580636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	276256	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	222151	59.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 119.94%			
35) Dibromofluoromethane	7.72	113	204247	55.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.62%			
50) Toluene-d8	10.18	98	764636	55.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.40%			
62) 4-Bromofluorobenzene	12.48	95	250290	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.94%			
Target Compounds						Qvalue
3) Chloromethane	2.12	50	5709	1.308	ug/l	100
11) Tert butyl alcohol	4.95	59	757	1.890	ug/l #	72
13) Acrolein	3.75	56	495	1.424	ug/l #	42
16) Acetone	3.96	43	12964	15.668	ug/l	96
20) Methylene Chloride	4.73	84	15751	Below Cal		95
25) 2-Butanone	7.00	43	4554	3.352	ug/l #	81
31) Cyclohexane	7.79	56	8154	1.210	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	31012	5.333	ug/l #	50
37) Ethyl Acetate	7.00	43	4554	1.454	ug/l #	72
38) Carbon Tetrachloride	7.79	117	37996	6.329	ug/l #	17
49) 1,4-Dioxane	9.31	88	335	10.907	ug/l #	82
76) 1,2,3-Trichloropropane	12.48	75	128014	52.350	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	128014	101.883	ug/l #	13

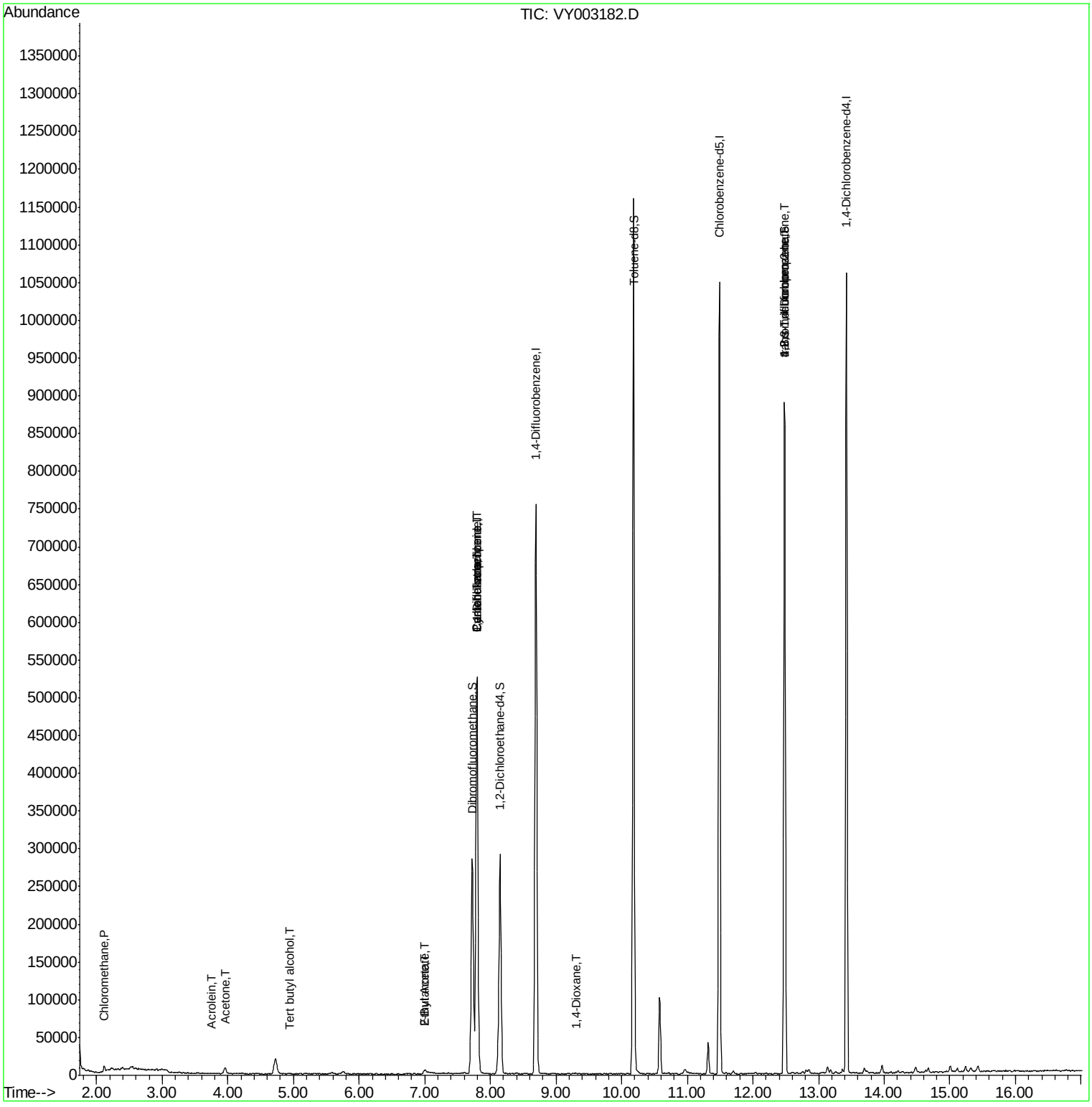
(#) = qualifier out of range (m) = manual integration (+) = signals summed

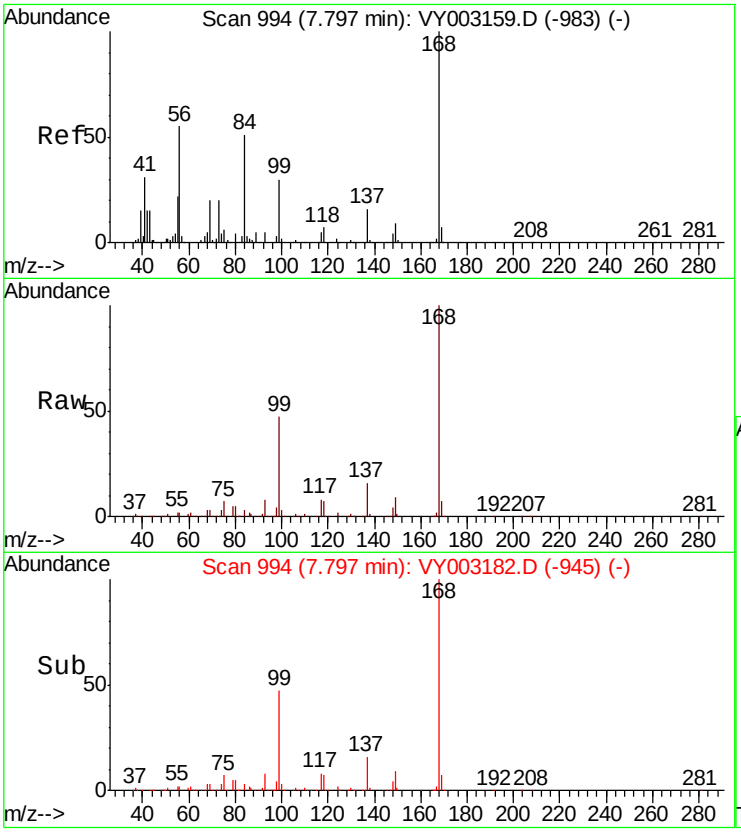
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY071320\
Data File : VY003182.D
Acq On : 13 Jul 2020 13:47
Operator : SY/MD
Sample : L3276-02
Misc : 5.04G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Quant Time: Jul 14 03:56:32 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



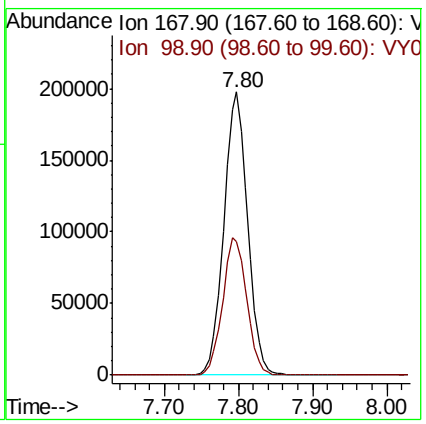


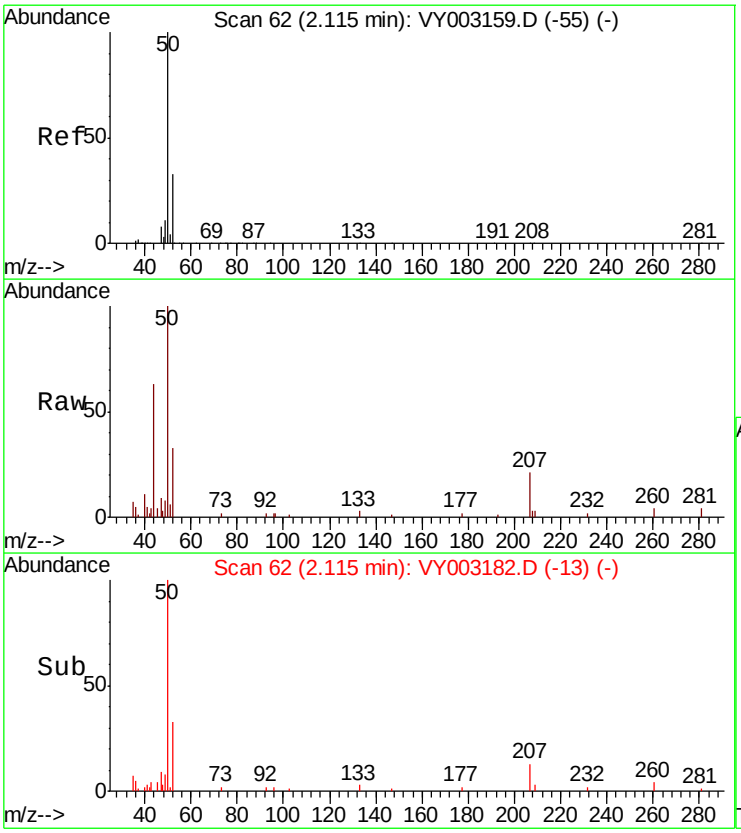
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY003182.D
Acq: 13 Jul 2020 13:47

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:168 Resp: 438873

Ion	Ratio	Lower	Upper
168	100		
99	47.4	37.3	55.9

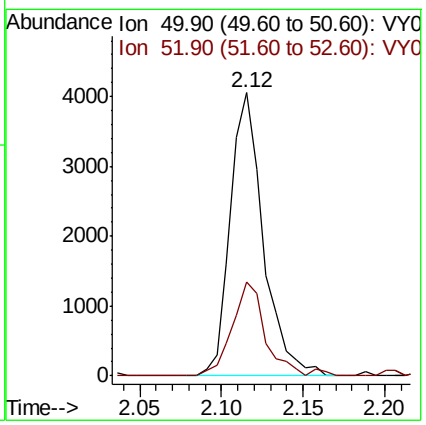


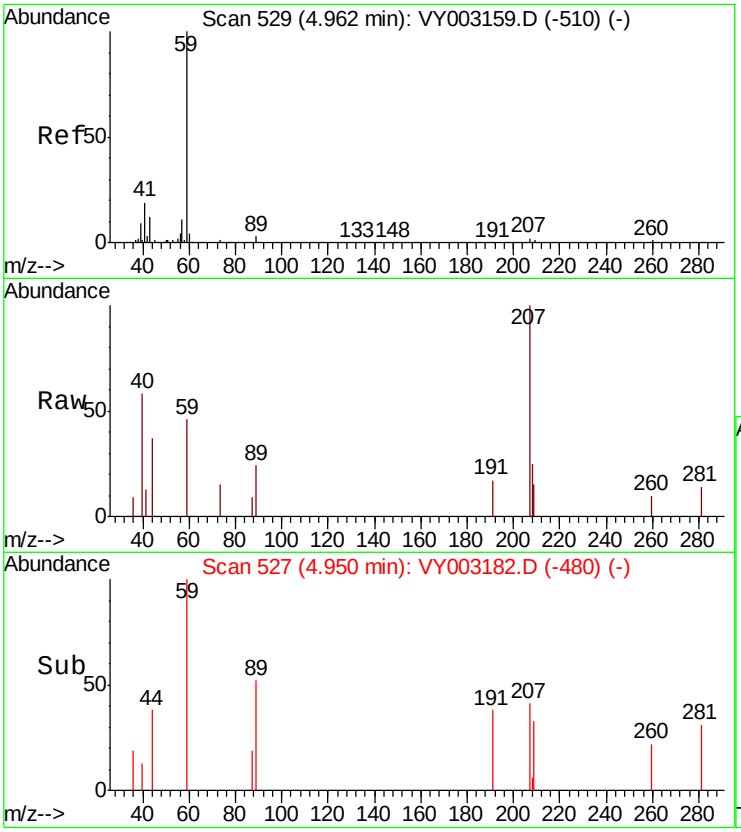


#3
Chloromethane
Concen: 1.308 ug/l
RT: 2.12 min Scan# 62
Delta R.T. 0.00 min
Lab File: VY003182.D
Acq: 13 Jul 2020 13:47

Tgt Ion: 50 Resp: 5709

Ion	Ratio	Lower	Upper
50	100		
52	33.1	26.6	39.8



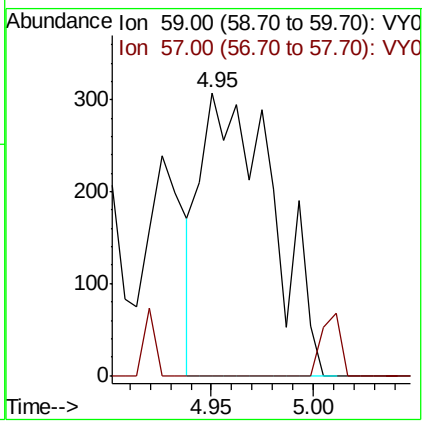


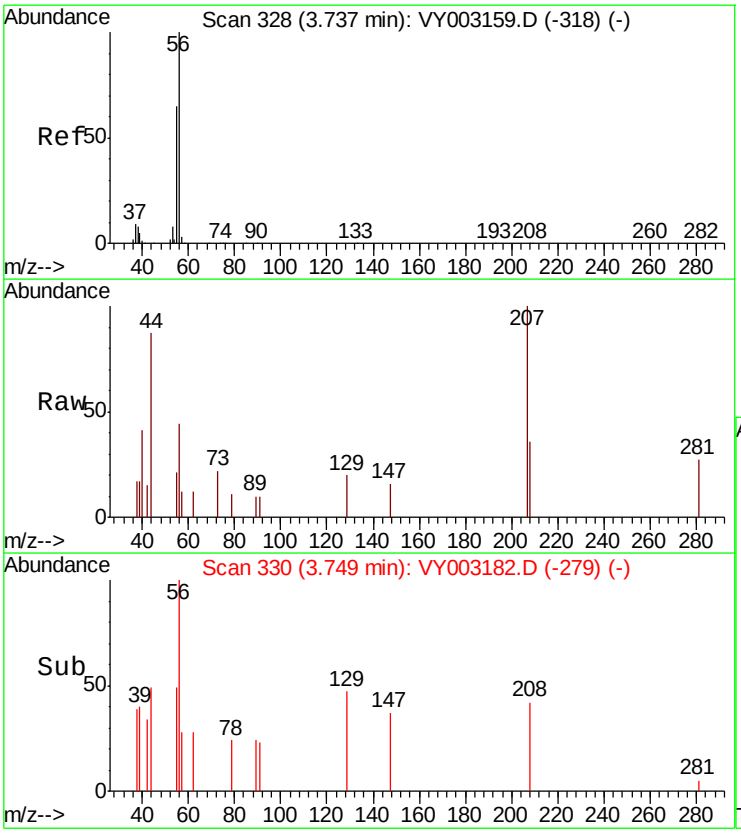
#11
Tert butyl alcohol
Concen: 1.890 ug/l
RT: 4.95 min Scan# 527
Delta R.T. -0.01 min
Lab File: VY003182.D
Acq: 13 Jul 2020 13:47

Instrument : MSVOA_Y
ClientSampleId : VOC

Tgt Ion: 59 Resp: 757

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#

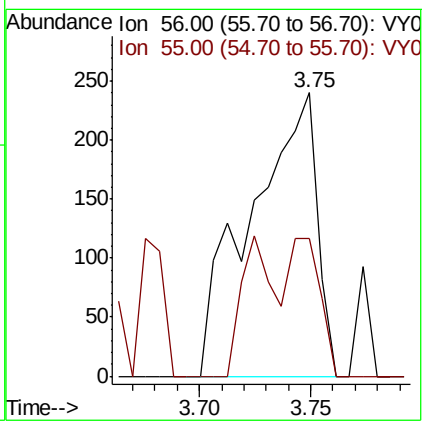


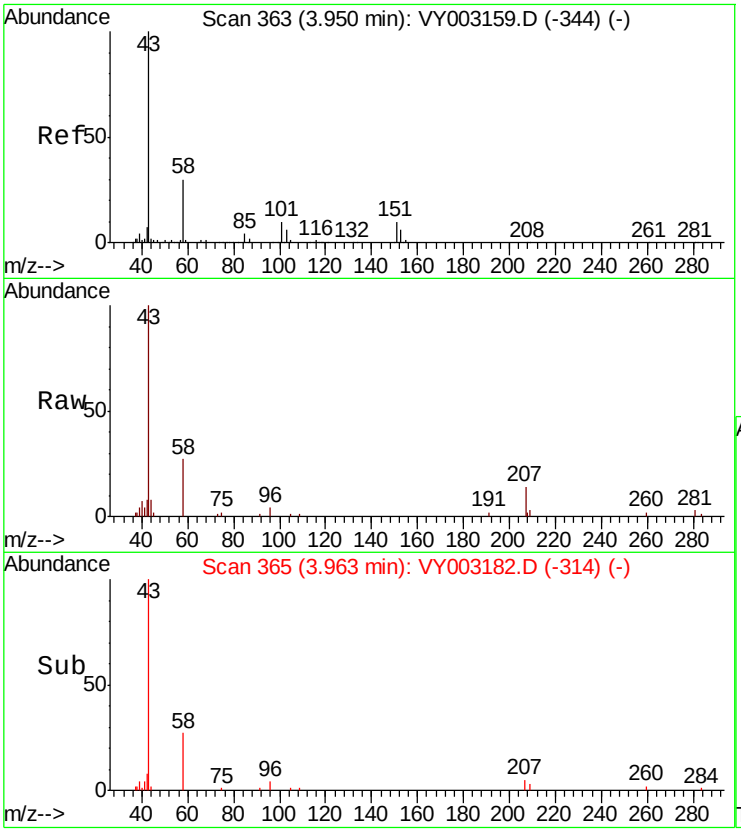


#13
Acrolein
Concen: 1.424 ug/l
RT: 3.75 min Scan# 330
Delta R.T. 0.01 min
Lab File: VY003182.D
Acq: 13 Jul 2020 13:47

Tgt Ion: 56 Resp: 495

Ion	Ratio	Lower	Upper
56	100		
55	22.2	56.0	84.0#



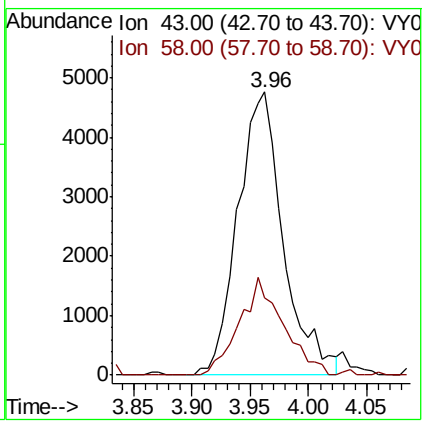


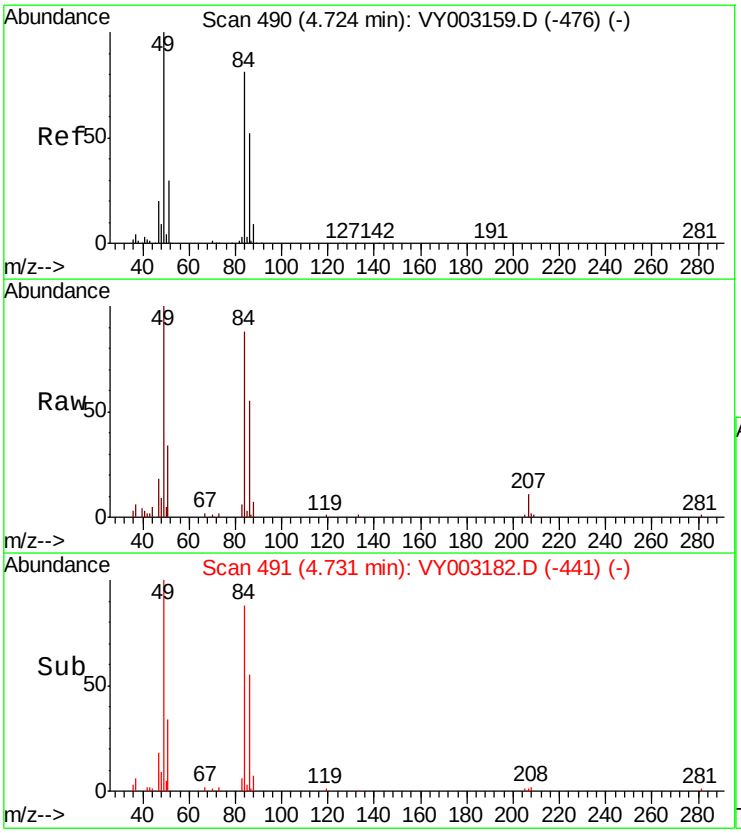
#16
Acetone
Concen: 15.668 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY003182.D
Acq: 13 Jul 2020 13:47

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 43 Resp: 12964

Ion	Ratio	Lower	Upper
43	100		
58	27.3	23.8	35.6

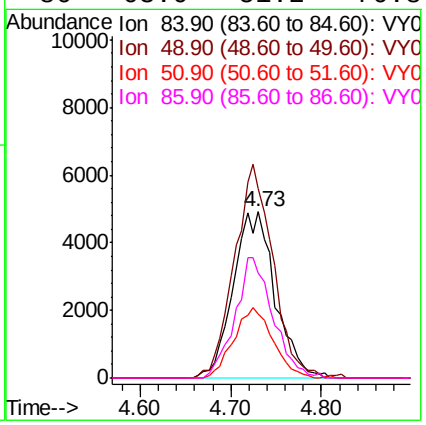


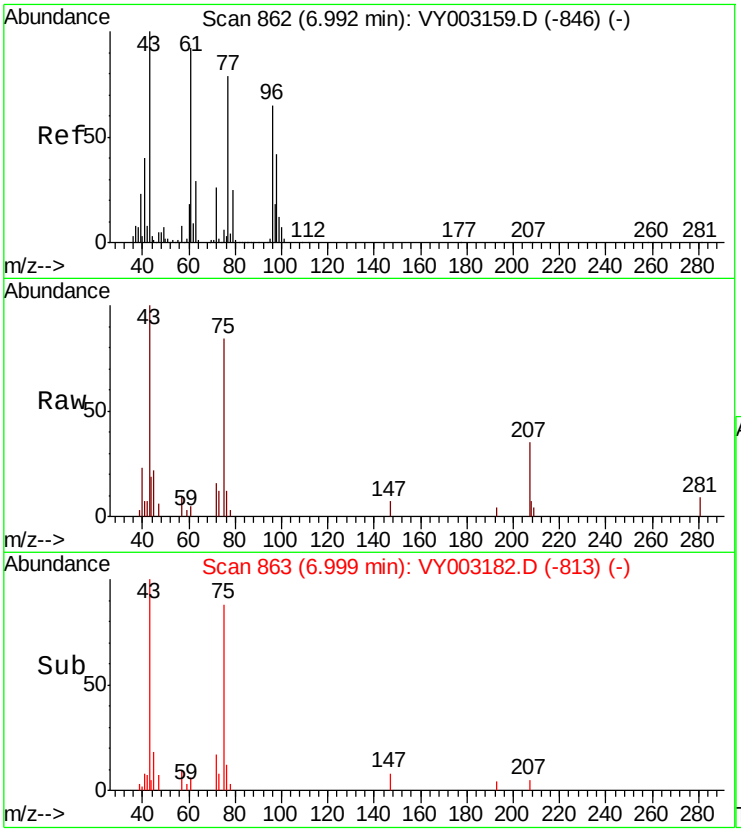


#20
Methylene Chloride
Concen: Below Cal
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY003182.D
Acq: 13 Jul 2020 13:47

Tgt Ion: 84 Resp: 15751

Ion	Ratio	Lower	Upper
84	100		
49	114.2	98.2	147.4
51	38.4	29.8	44.6
86	63.0	51.2	76.8



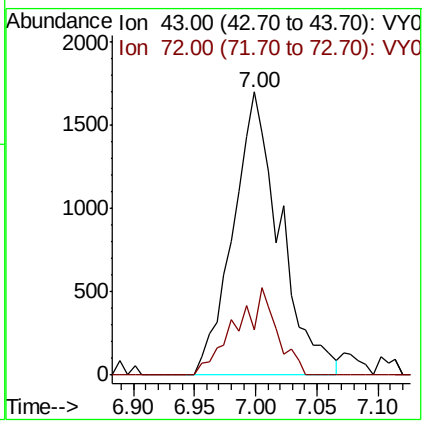


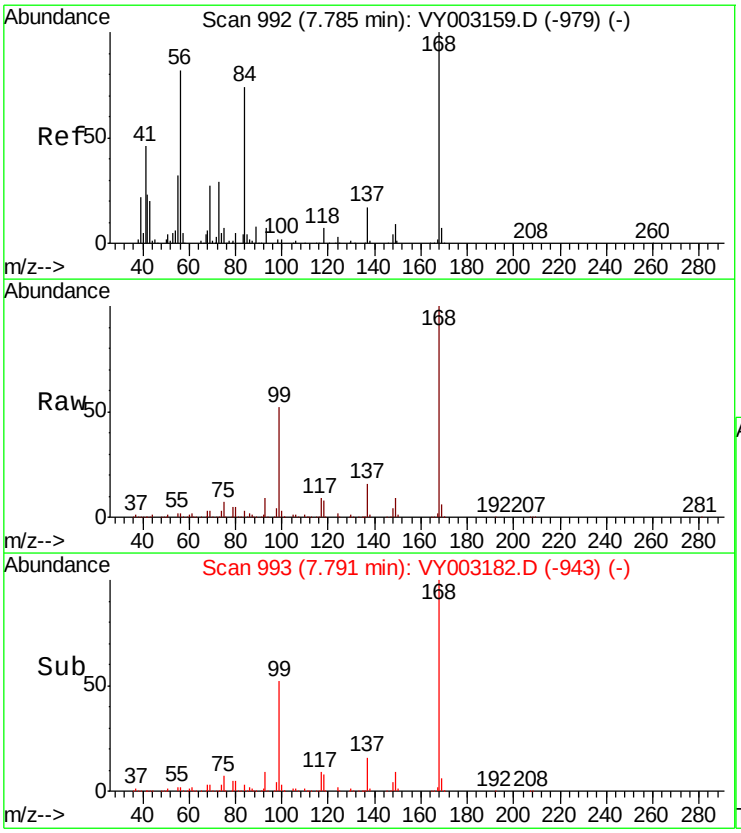
#25
2-Butanone
Concen: 3.352 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003182.D
Acq: 13 Jul 2020 13:47

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 43 Resp: 4554

Ion	Ratio	Lower	Upper
43	100		
72	16.2	20.9	31.3#

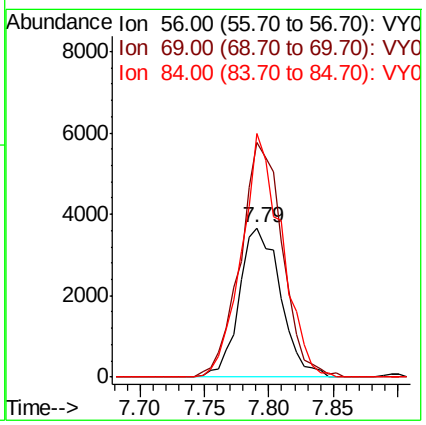


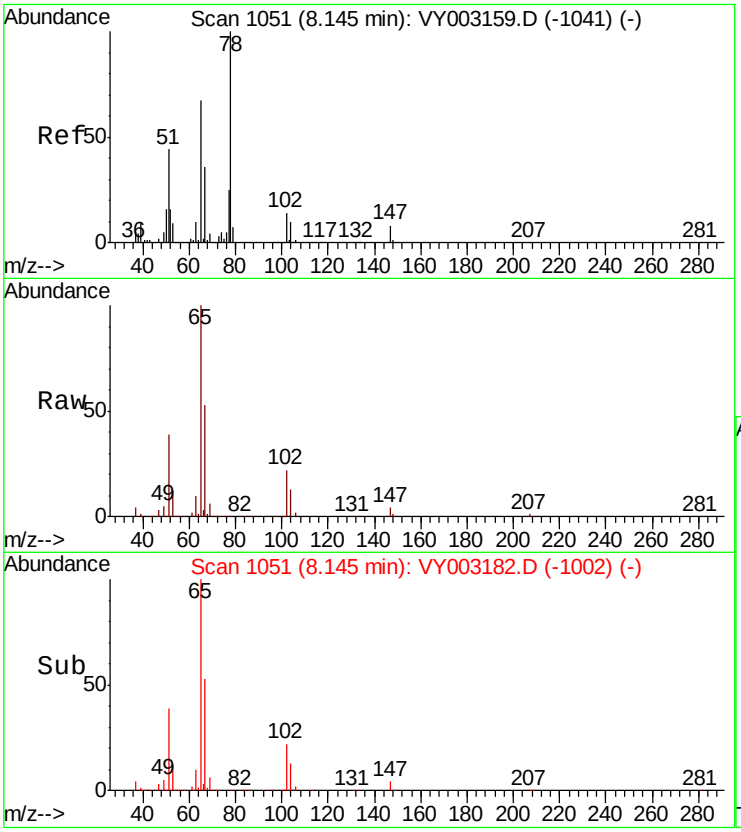


#31
Cyclohexane
Concen: 1.210 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003182.D
Acq: 13 Jul 2020 13:47

Tgt Ion: 56 Resp: 8154

Ion	Ratio	Lower	Upper
56	100		
69	157.5	26.7	40.1#
84	169.9	72.3	108.5#



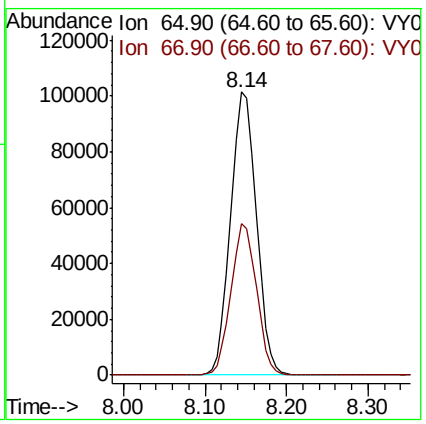


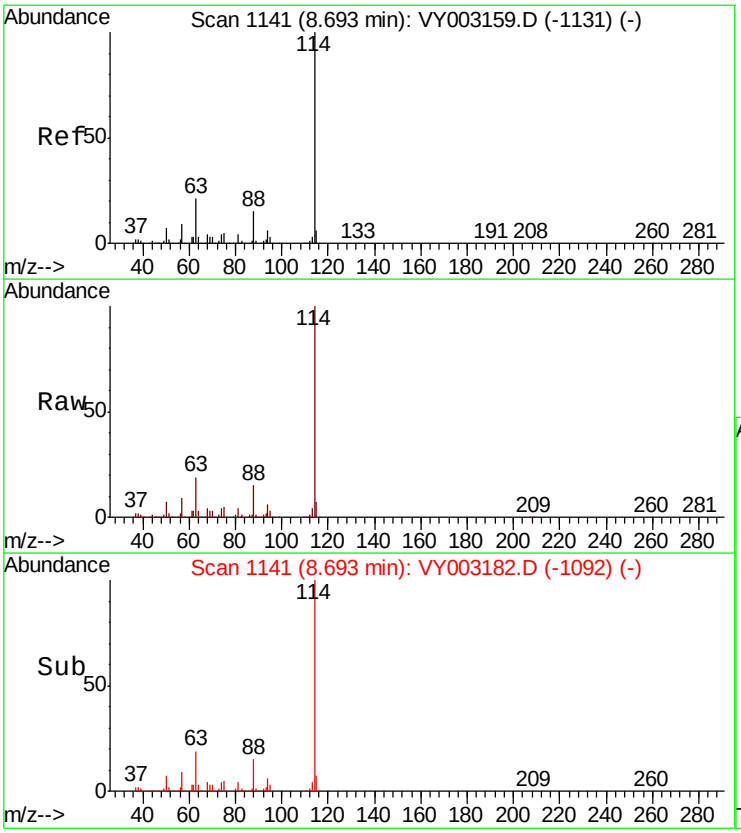
#33
1,2-Dichloroethane-d4
Concen: 59.972 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VY003182.D
Acq: 13 Jul 2020 13:47

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 65 Resp: 222151

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.2

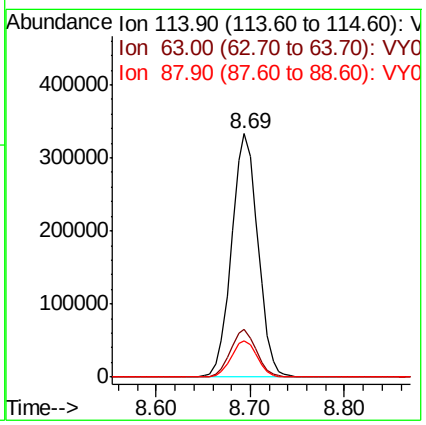


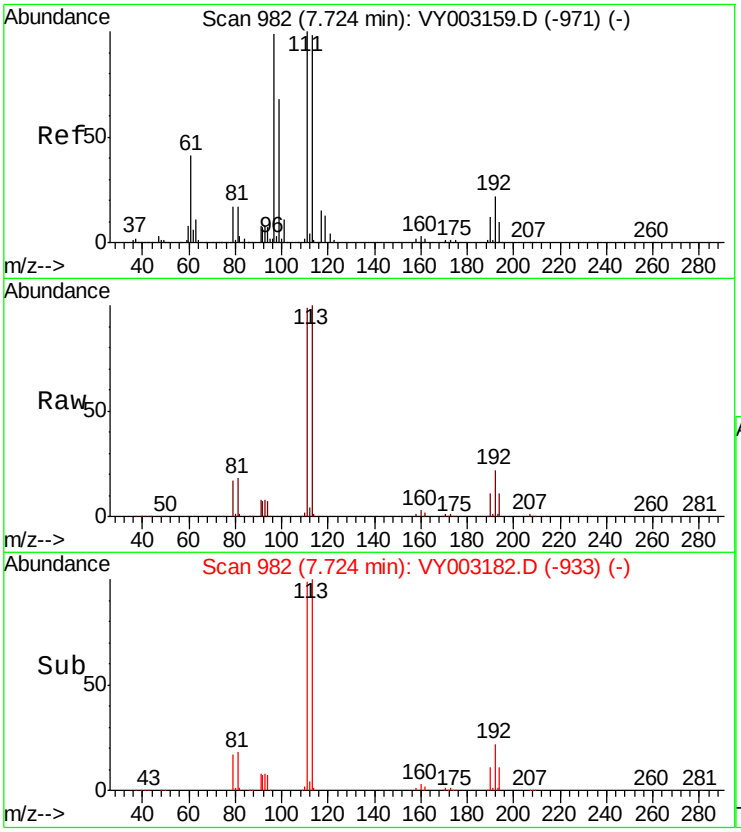


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY003182.D
Acq: 13 Jul 2020 13:47

Tgt Ion:114 Resp: 641654

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	41.2
88	14.6	0.0	30.2



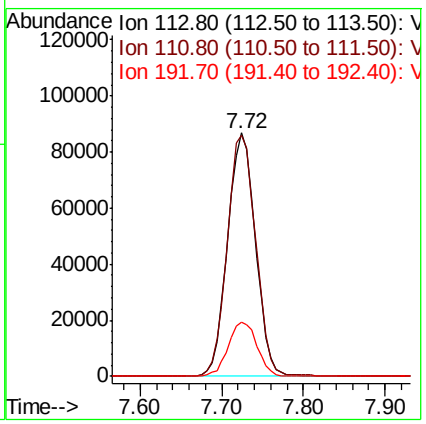


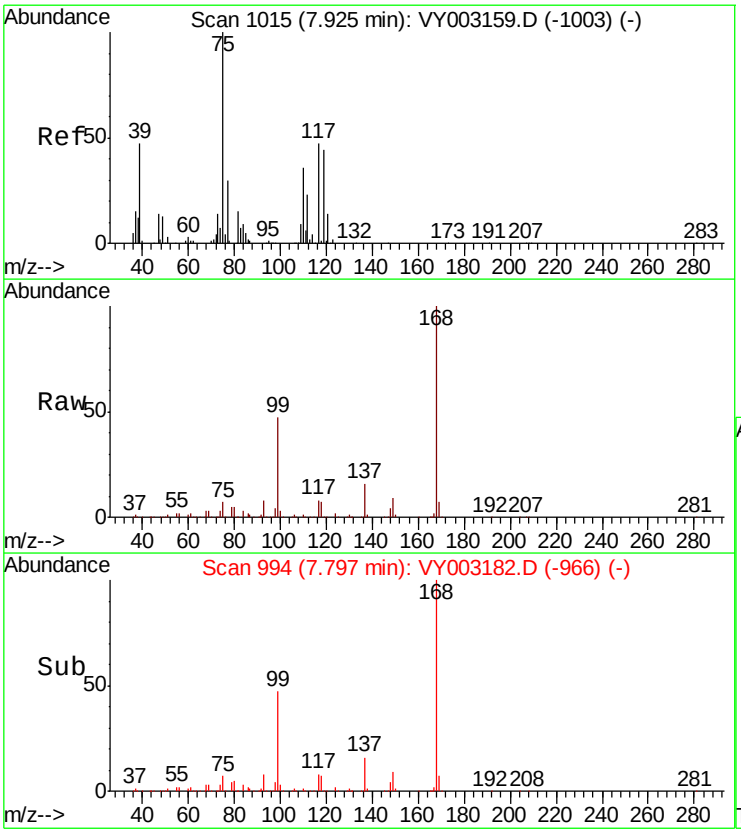
#35
Dibromofluoromethane
Concen: 55.313 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003182.D
Acq: 13 Jul 2020 13:47

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:113 Resp: 204247

Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.1	123.1
192	23.0	18.8	28.2

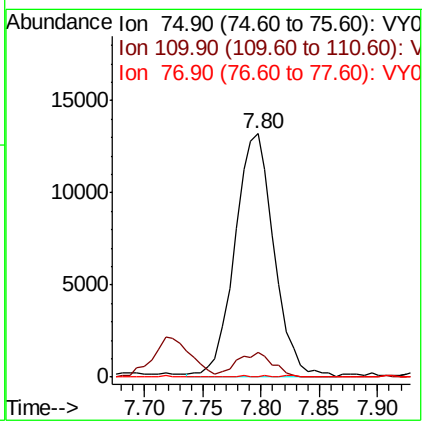


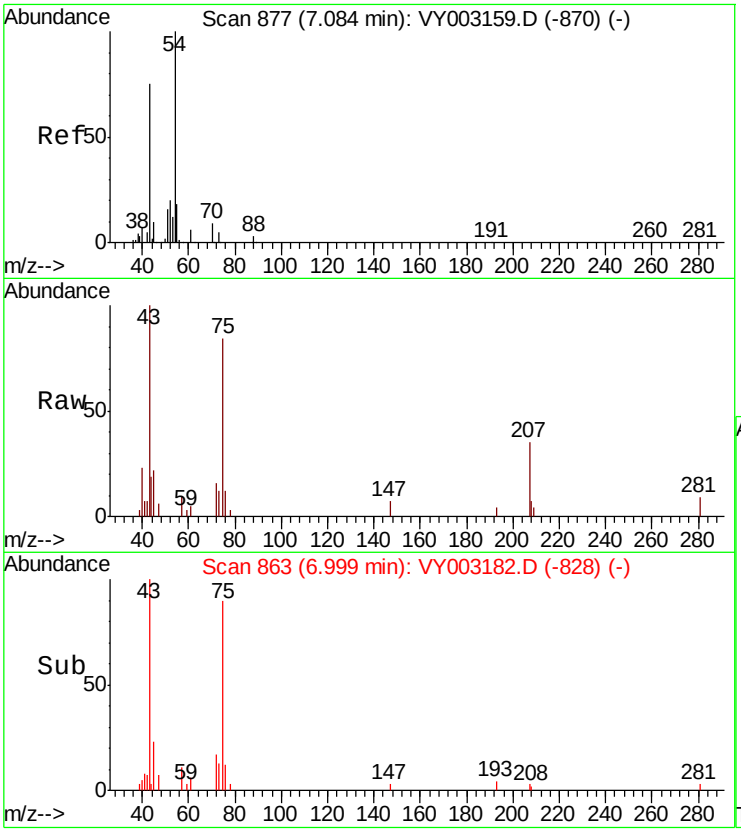


#36
1,1-Dichloropropene
Concen: 5.333 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY003182.D
Acq: 13 Jul 2020 13:47

Tgt Ion: 75 Resp: 31012

Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.1	54.1#
77	0.1	24.8	37.2#



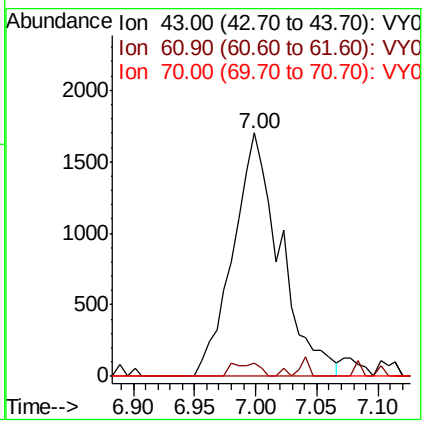


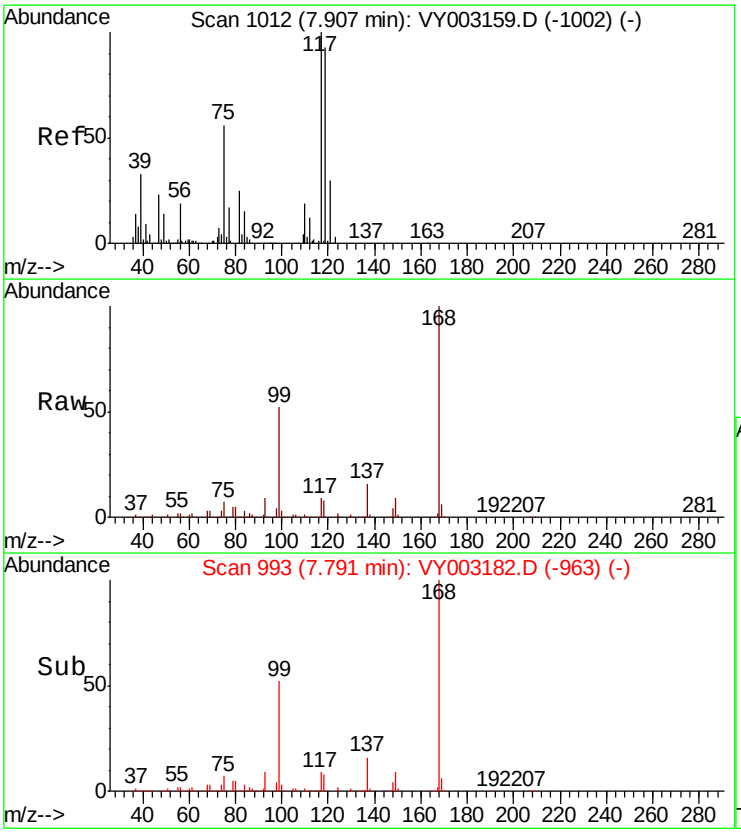
#37
Ethyl Acetate
Concen: 1.454 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.09 min
Lab File: VY003182.D
Acq: 13 Jul 2020 13:47

Instrument : MSVOA_Y
ClientSampleId : VOC

Tgt Ion: 43 Resp: 4554

Ion	Ratio	Lower	Upper
43	100		
61	3.2	11.8	17.6#
70	0.0	8.6	13.0#

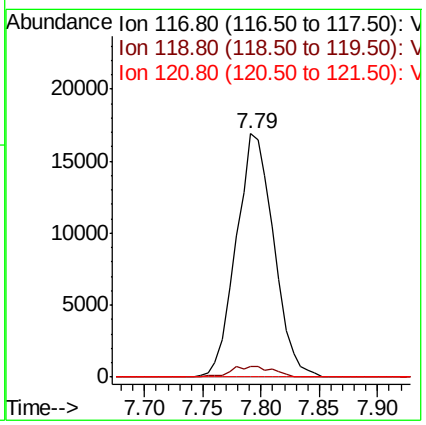


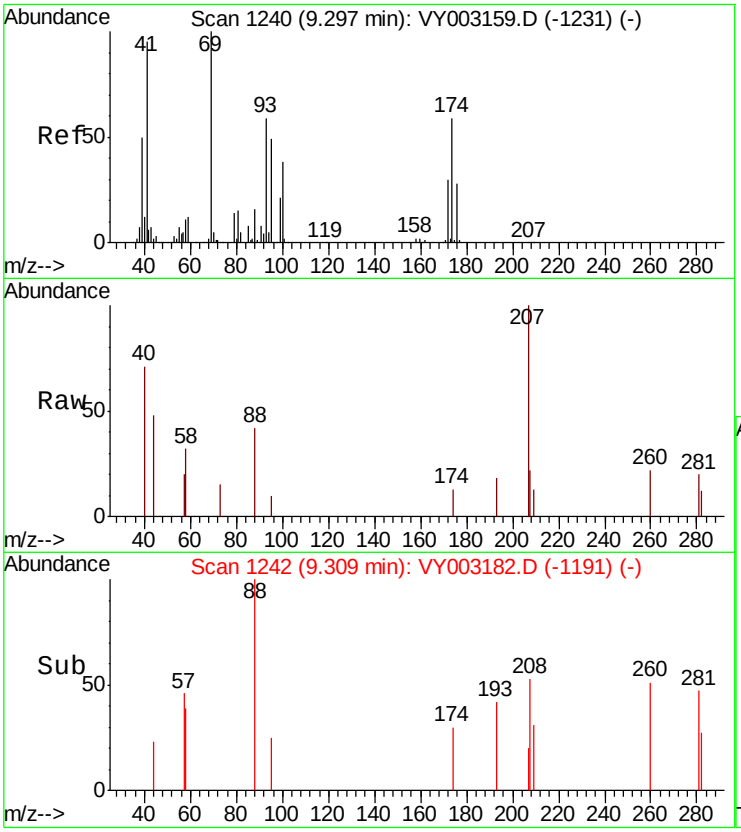


#38
Carbon Tetrachloride
Concen: 6.329 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.12 min
Lab File: VY003182.D
Acq: 13 Jul 2020 13:47

Tgt Ion:117 Resp: 37996

Ion	Ratio	Lower	Upper
117	100		
119	4.3	74.5	111.7#
121	0.0	24.2	36.2#



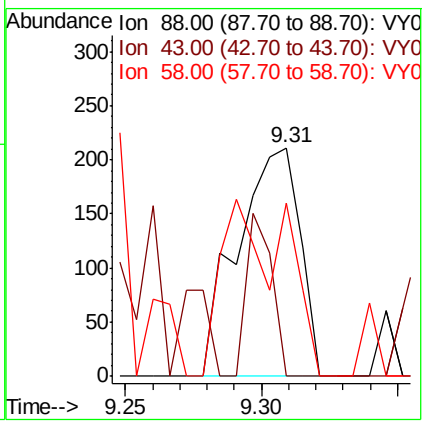


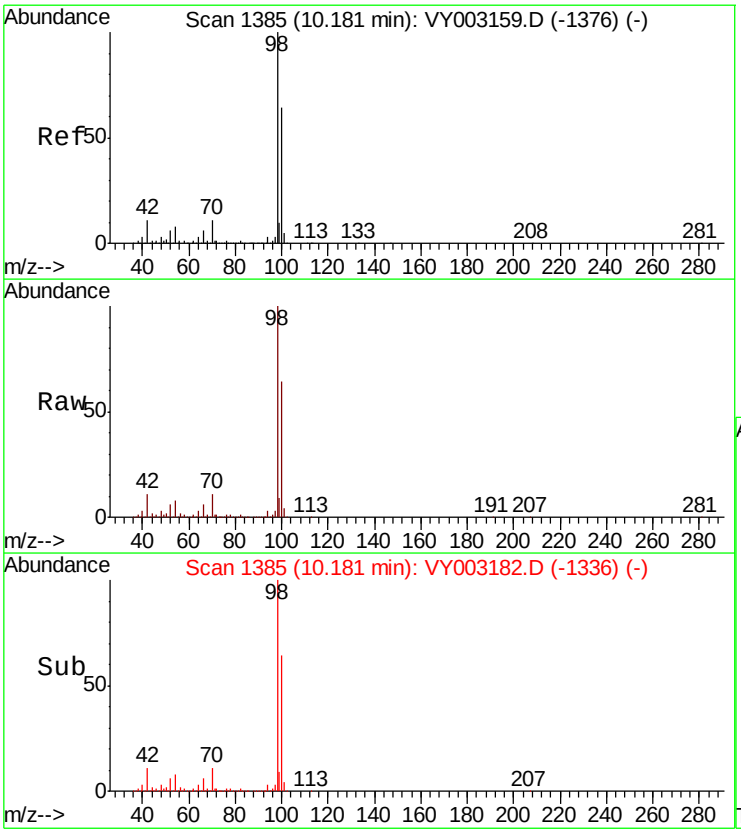
#49
1,4-Dioxane
Concen: 10.907 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY003182.D
Acq: 13 Jul 2020 13:47

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 88 Resp: 335

Ion	Ratio	Lower	Upper
88	100		
43	29.0	25.6	38.4
58	78.2	47.8	71.6#

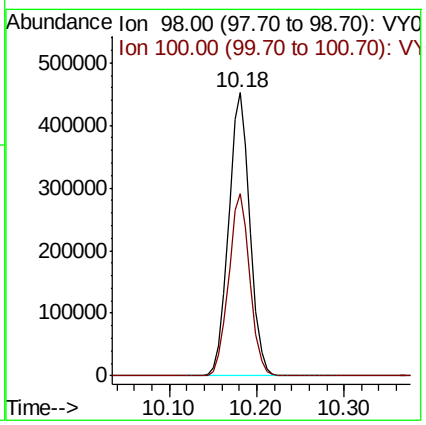


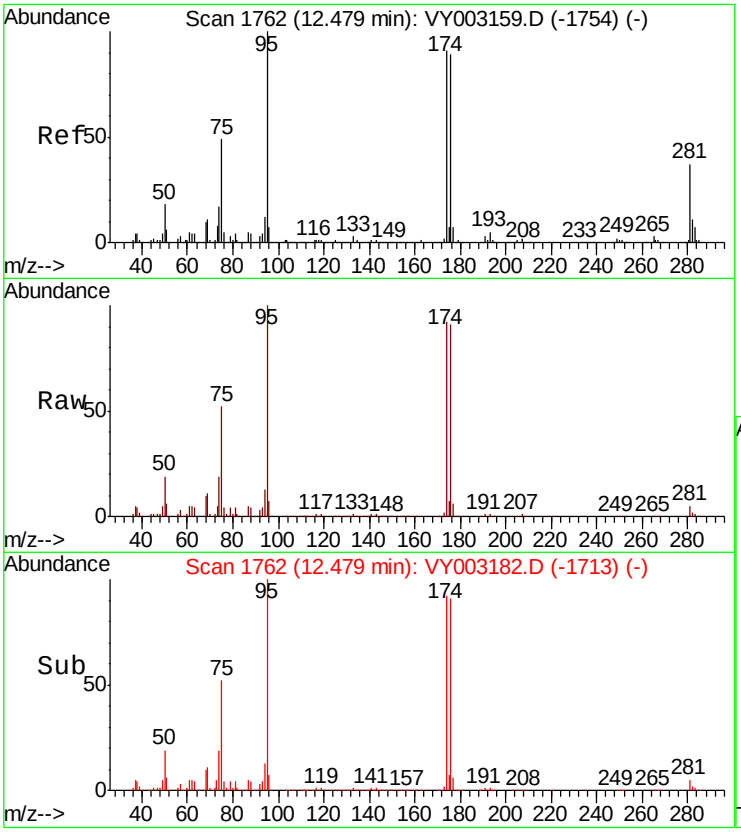


#50
Toluene-d8
Concen: 55.698 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003182.D
Acq: 13 Jul 2020 13:47

Tgt Ion: 98 Resp: 764636

Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.7	76.1



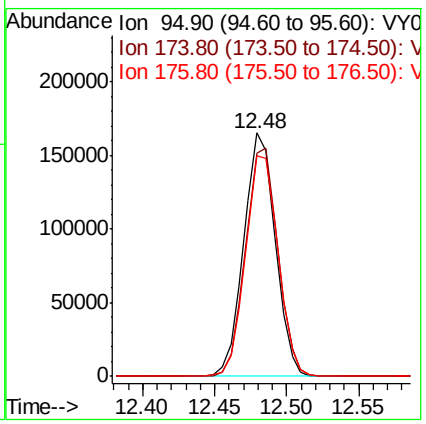


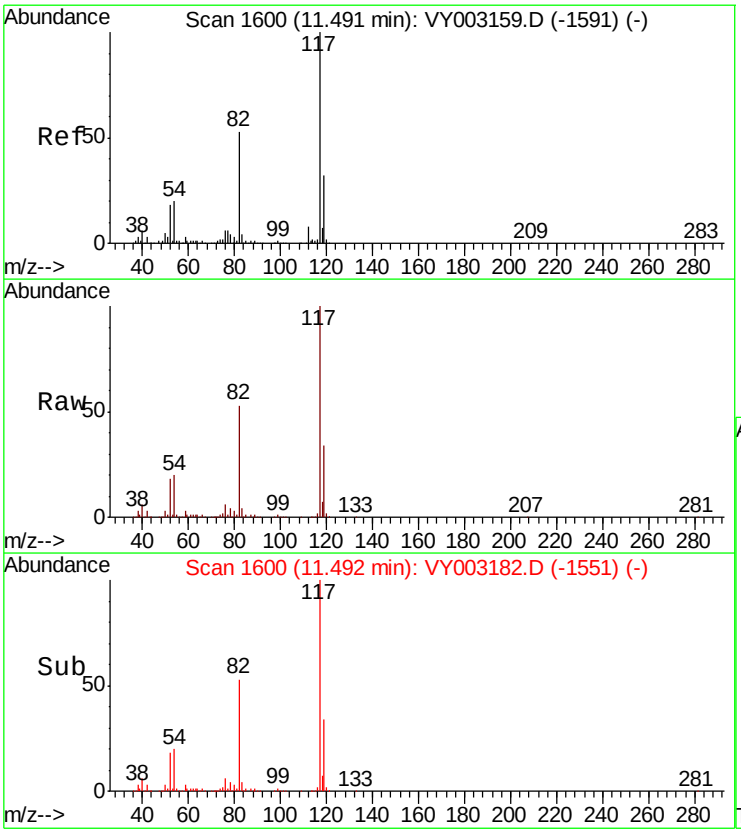
#62
4-Bromofluorobenzene
Concen: 50.467 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003182.D
Acq: 13 Jul 2020 13:47

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 95 Resp: 250290

Ion	Ratio	Lower	Upper
95	100		
174	95.8	0.0	190.6
176	93.4	0.0	186.4

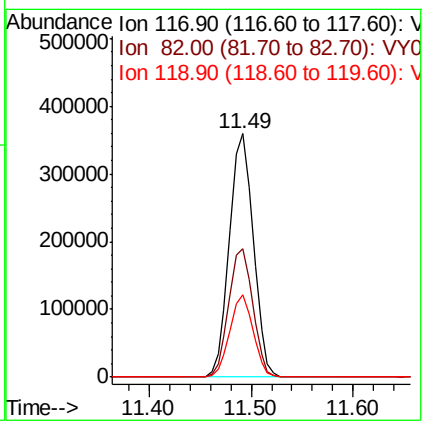


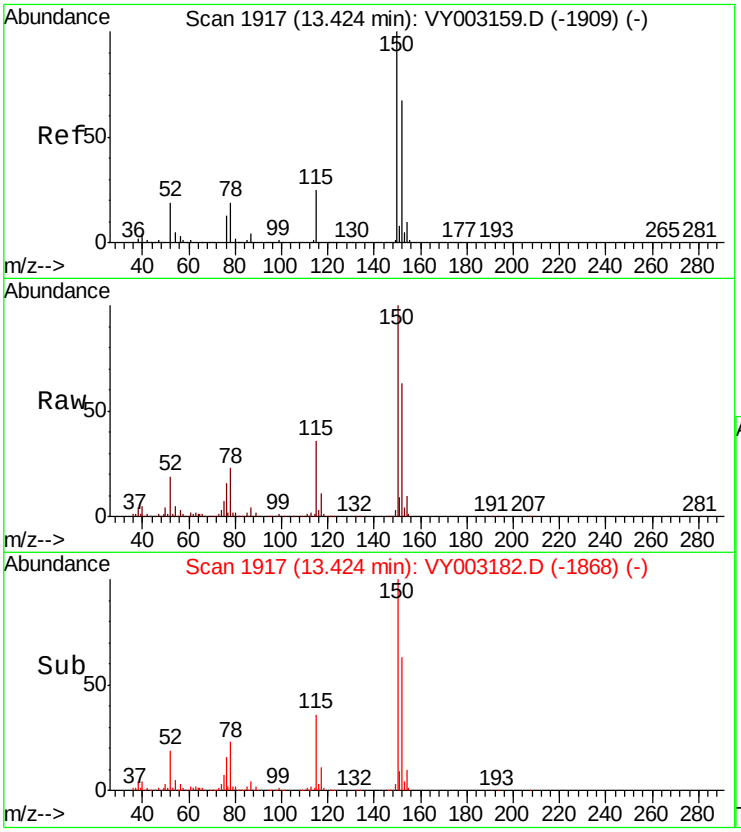


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003182.D
Acq: 13 Jul 2020 13:47

Tgt Ion:117 Resp: 580636

Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.0	63.0
119	33.7	25.5	38.3



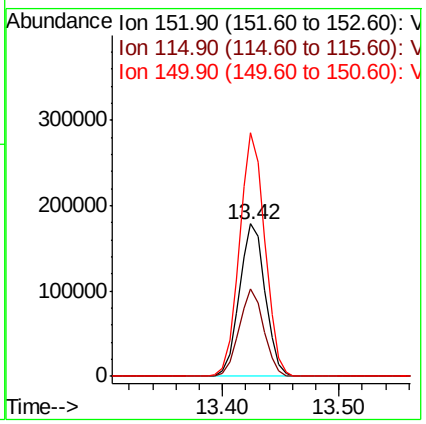


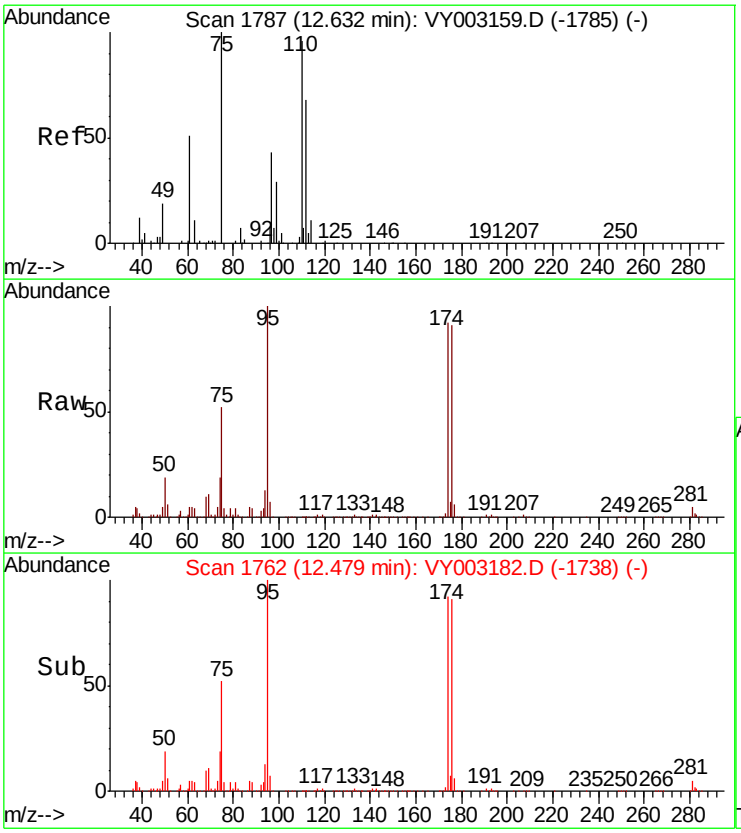
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003182.D
Acq: 13 Jul 2020 13:47

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:152 Resp: 276256

Ion	Ratio	Lower	Upper
152	100		
115	55.4	26.9	80.7
150	157.1	0.0	338.0

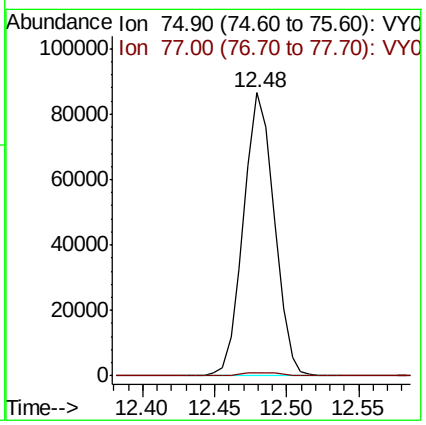


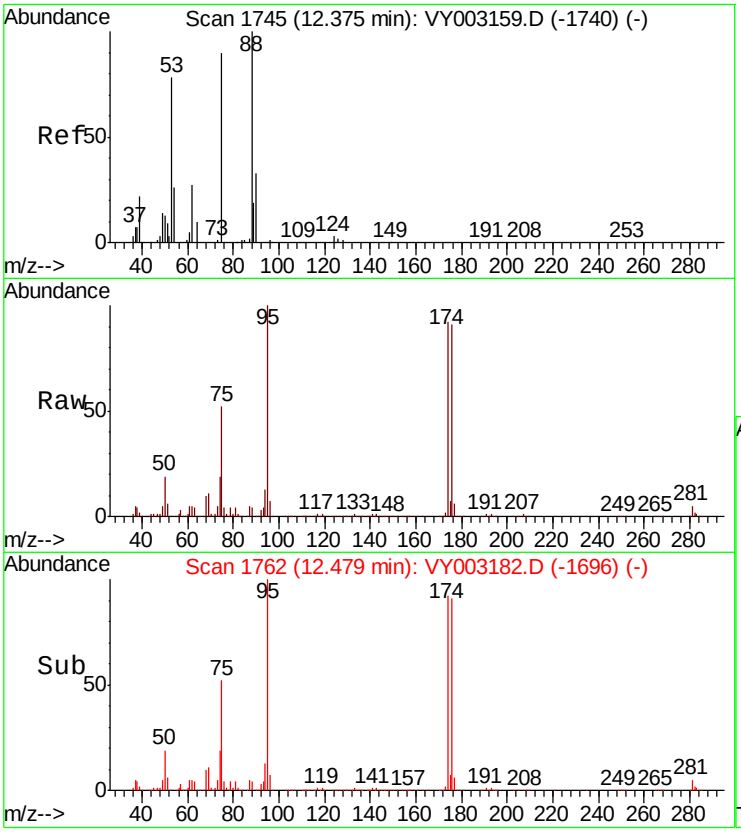


#76
1,2,3-Trichloropropane
Concen: 52.350 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003182.D
Acq: 13 Jul 2020 13:47

Tgt Ion: 75 Resp: 128014

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 101.883 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY003182.D
Acq: 13 Jul 2020 13:47

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 75 Resp: 128014

Ion	Ratio	Lower	Upper
75	100		
53	0.0	72.0	108.0#
89	0.0	37.3	55.9#