Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY071420\
Data File : VY003193.D
Acq On : 14 Jul 2020 14:09
Operator : SY/MD
Sample : L3289-01
Misc : 6.38G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : IRON-1

Quant Time: Jul 15 04:13:57 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	396353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	598630	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	546028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	272940	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	194227	58.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 116.12%			
35) Dibromofluoromethane	7.73	113	183733	53.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.66%			
50) Toluene-d8	10.18	98	718867	56.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.26%			
62) 4-Bromofluorobenzene	12.48	95	236218	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.10%			
Target Compounds						Qvalue
13) Acrolein	3.75	56	389	1.239	ug/l #	52
16) Acetone	3.96	43	14924	19.972	ug/l	90
20) Methylene Chloride	4.73	84	36912	4.856	ug/l	98
25) 2-Butanone	7.00	43	3726	3.037	ug/l	98
29) Tetrahydrofuran	7.36	42	3988	4.838	ug/l	88
31) Cyclohexane	7.80	56	6865	1.128	ug/l #	3
36) 1,1-Dichloropropene	7.79	75	27238	5.020	ug/l #	50
38) Carbon Tetrachloride	7.80	117	36155	6.455	ug/l #	17
41) Methacrylonitrile	7.36	41	2407	1.368	ug/l #	19
49) 1,4-Dioxane	9.28	88	153	5.339	ug/l #	45
52) Toluene	10.24	92	15846	1.660	ug/l	95
76) 1,2,3-Trichloropropane	12.48	75	120352	49.815	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	120352	96.949	ug/l #	13

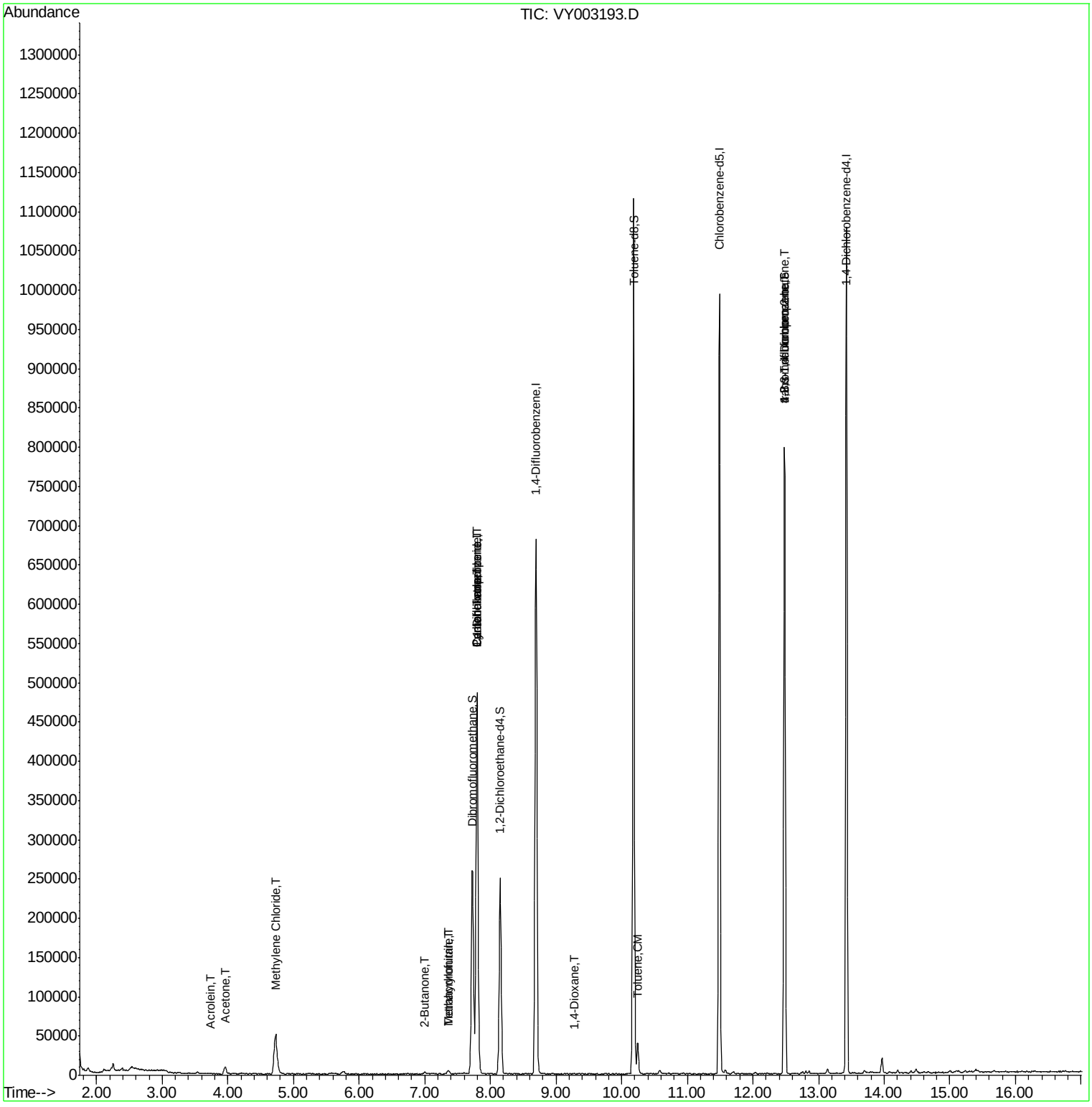
(#) = qualifier out of range (m) = manual integration (+) = signals summed

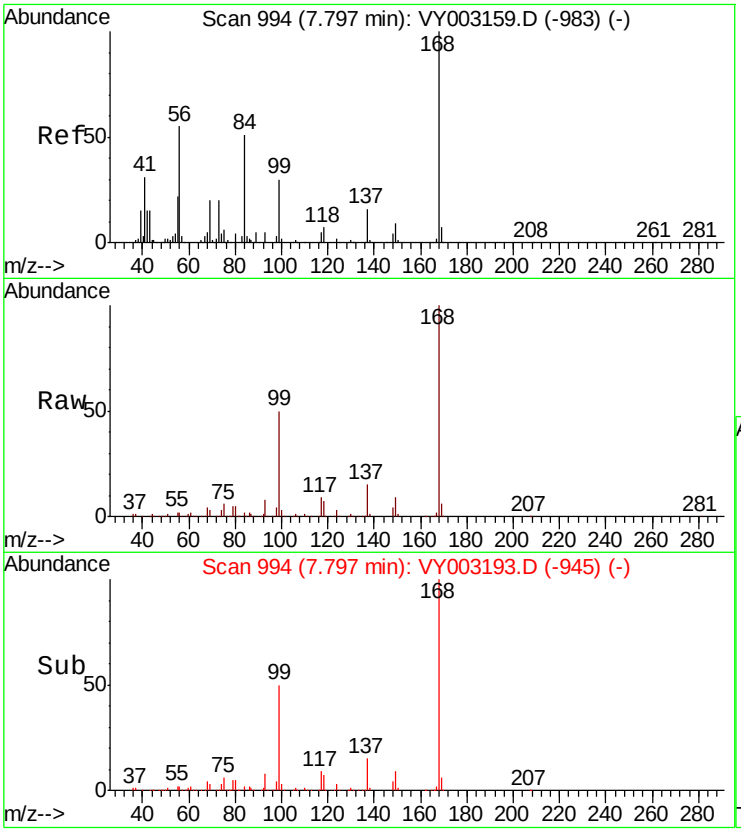
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY071420\
Data File : VY003193.D
Acq On : 14 Jul 2020 14:09
Operator : SY/MD
Sample : L3289-01
Misc : 6.38G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
IRON-1

Quant Time: Jul 15 04:13:57 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



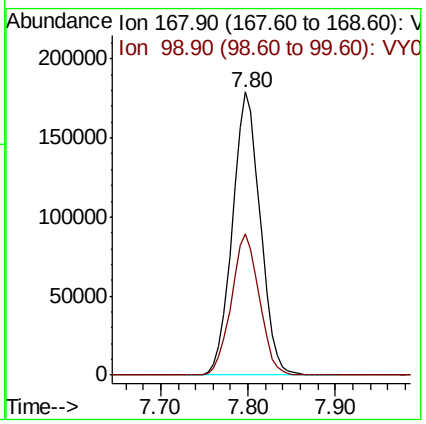


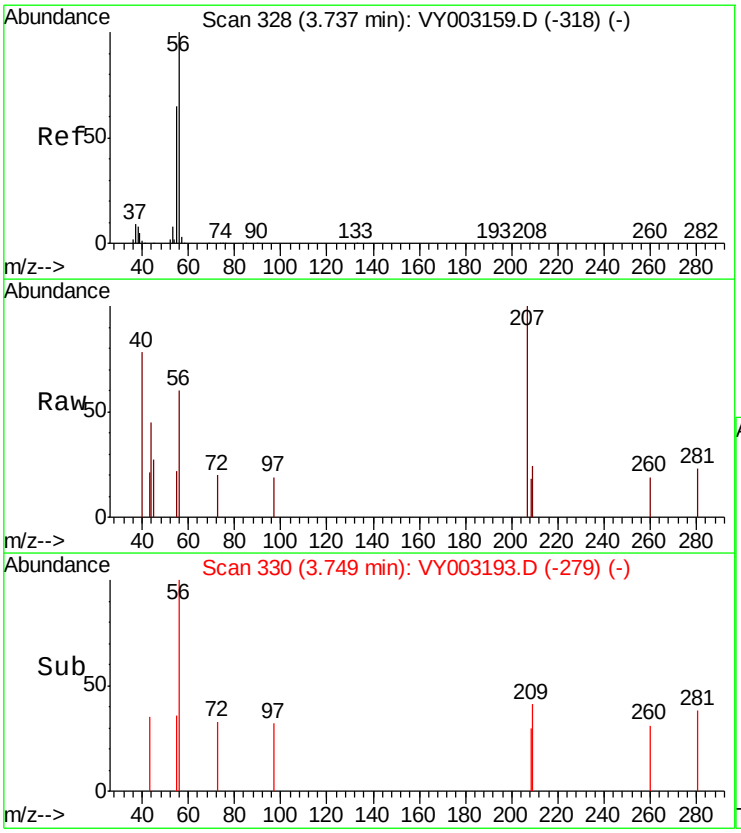
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.00 min
Lab File: VY003193.D
Acq: 14 Jul 2020 14:09

Instrument :
MSVOA_Y
ClientSampleId :
IRON-1

Tgt Ion:168 Resp: 396353

Ion	Ratio	Lower	Upper
168	100		
99	50.0	37.3	55.9

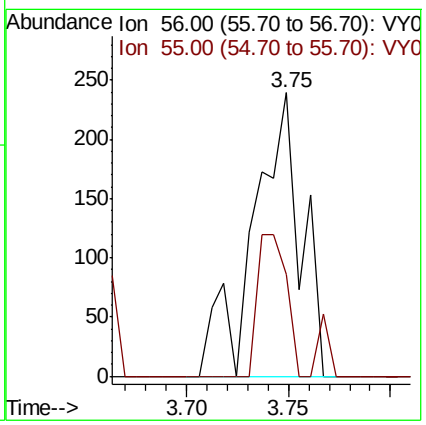


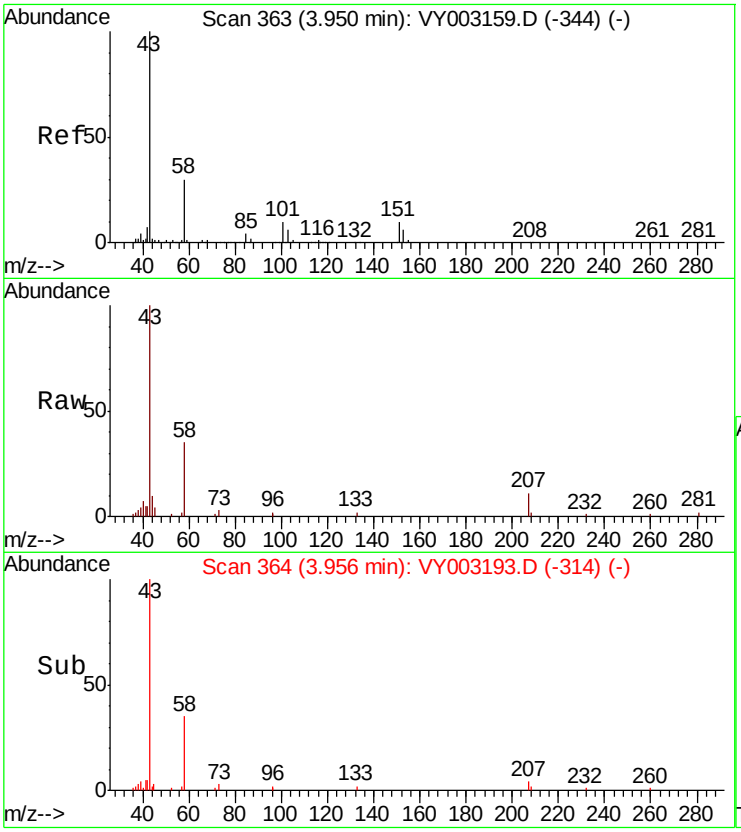


#13
Acrolein
Concen: 1.239 ug/l
RT: 3.75 min Scan# 330
Delta R.T. 0.01 min
Lab File: VY003193.D
Acq: 14 Jul 2020 14:09

Tgt Ion: 56 Resp: 389

Ion	Ratio	Lower	Upper
56	100		
55	30.6	56.0	84.0#



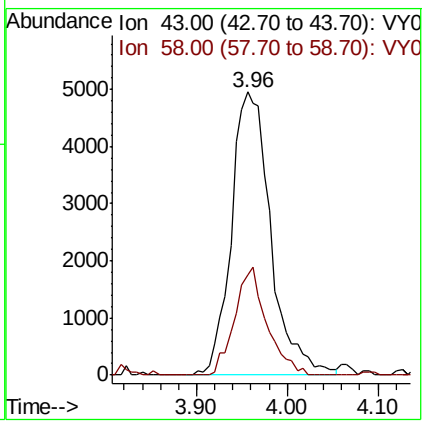


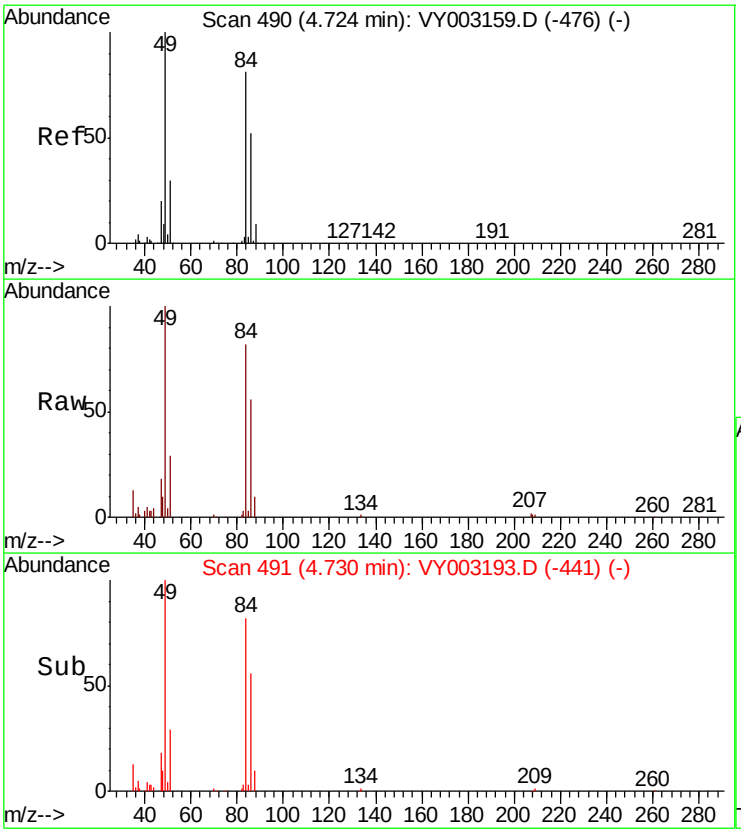
#16
Acetone
Concen: 19.972 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY003193.D
Acq: 14 Jul 2020 14:09

Instrument : MSVOA_Y
ClientSampleId : IRON-1

Tgt Ion: 43 Resp: 14924

Ion	Ratio	Lower	Upper
43	100		
58	35.3	23.8	35.6

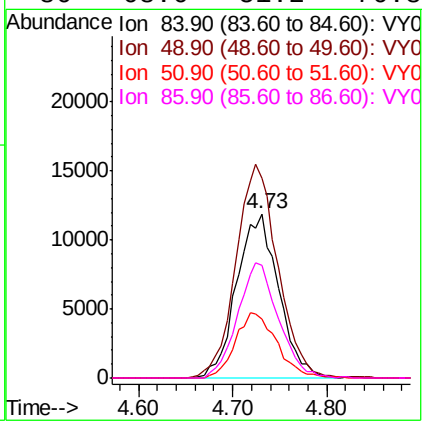


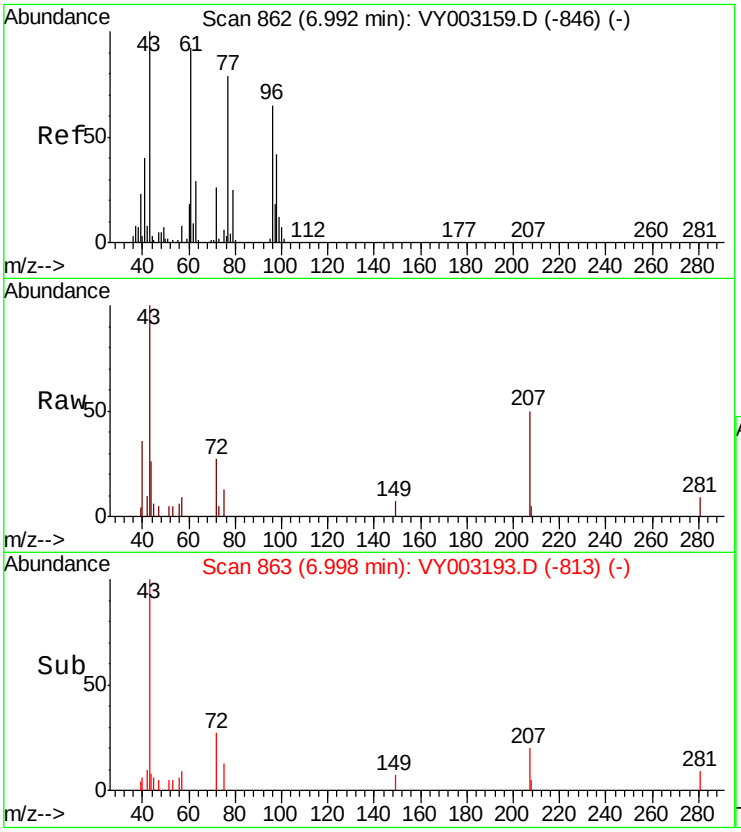


#20
Methylene Chloride
Concen: 4.856 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY003193.D
Acq: 14 Jul 2020 14:09

Tgt Ion: 84 Resp: 36912

Ion	Ratio	Lower	Upper
84	100		
49	122.0	98.2	147.4
51	35.8	29.8	44.6
86	68.6	51.2	76.8



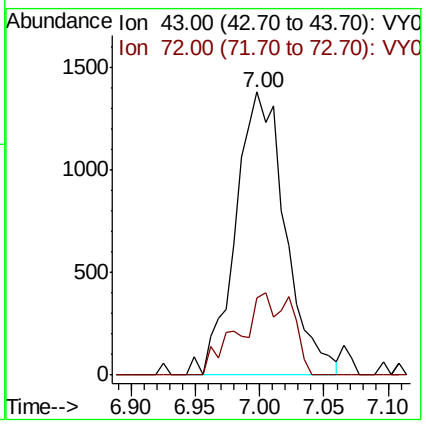


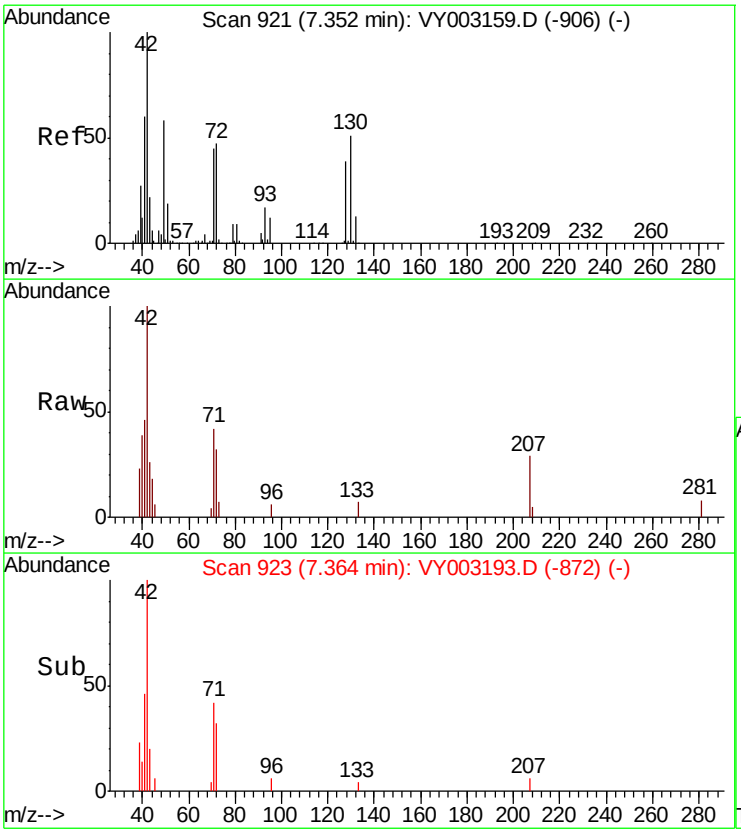
#25
2-Butanone
Concen: 3.037 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003193.D
Acq: 14 Jul 2020 14:09

Instrument :
MSVOA_Y
ClientSampleId :
IRON-1

Tgt Ion: 43 Resp: 3726

Ion	Ratio	Lower	Upper
43	100		
72	27.2	20.9	31.3

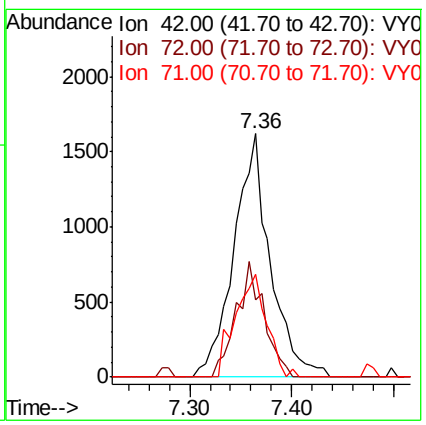


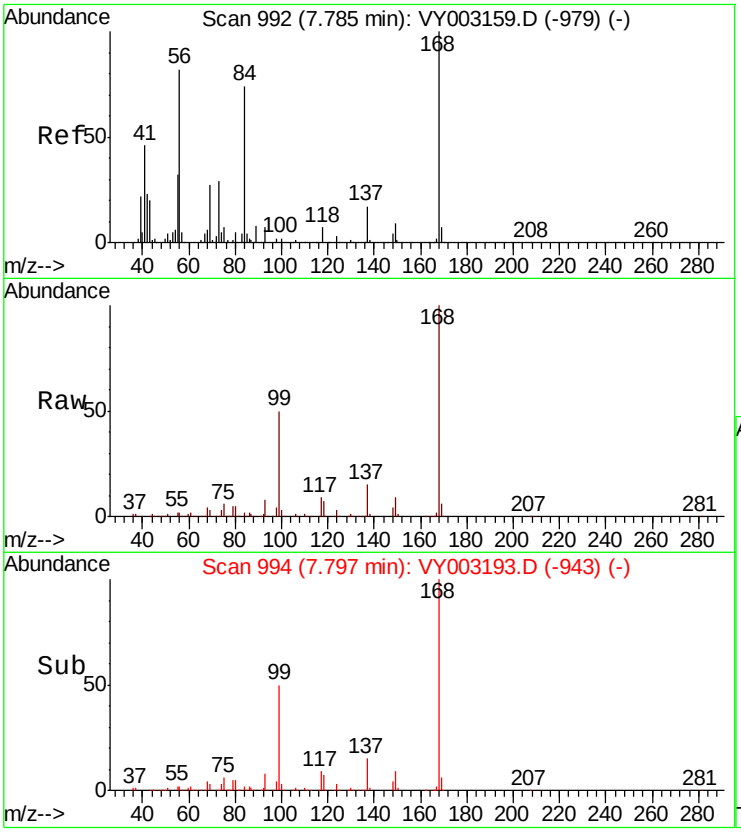


#29
Tetrahydrofuran
Concen: 4.838 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY003193.D
Acq: 14 Jul 2020 14:09

Tgt Ion: 42 Resp: 3988

Ion	Ratio	Lower	Upper
42	100		
72	36.7	36.7	55.1
71	36.6	34.2	51.4



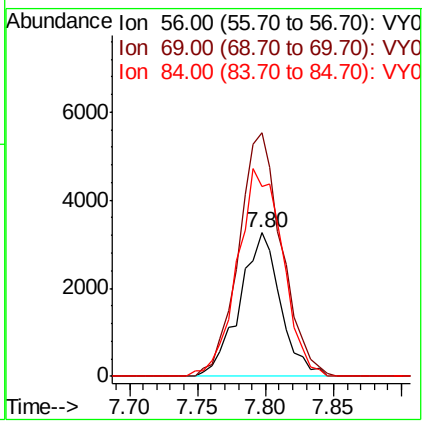


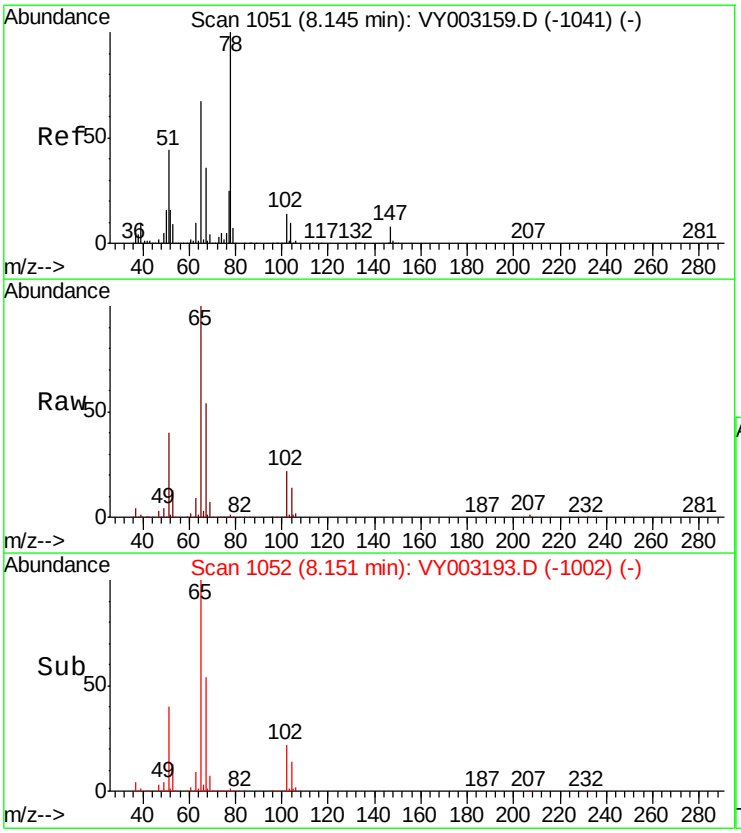
#31
Cyclohexane
Concen: 1.128 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003193.D
Acq: 14 Jul 2020 14:09

Instrument :
MSVOA_Y
ClientSampleId :
IRON-1

Tgt Ion: 56 Resp: 6865

Ion	Ratio	Lower	Upper
56	100		
69	169.4	26.7	40.1#
84	132.2	72.3	108.5#

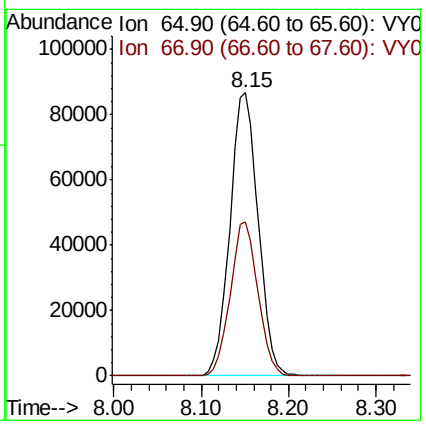


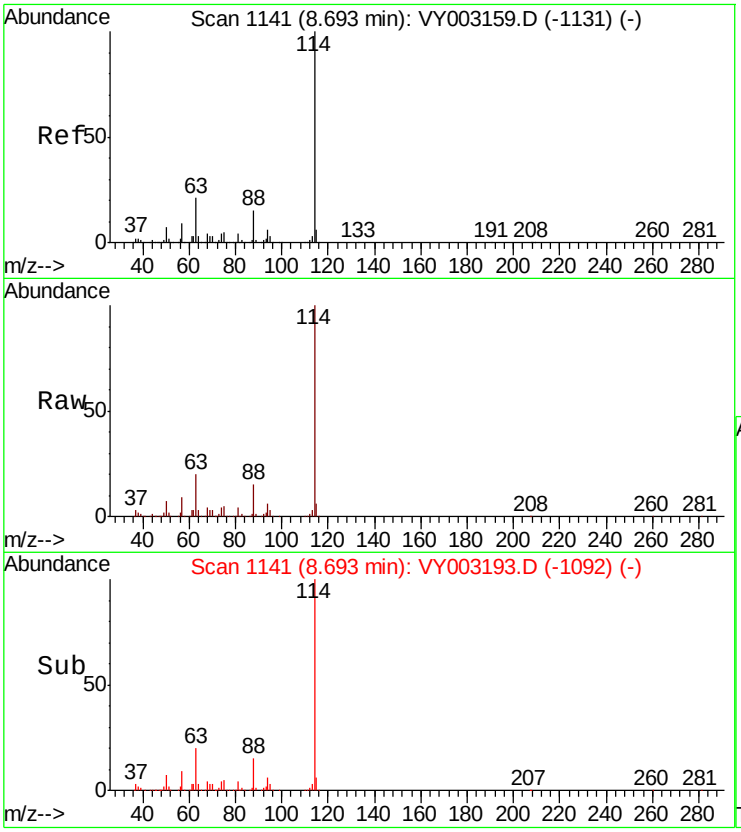


#33
1,2-Dichloroethane-d4
Concen: 58.059 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003193.D
Acq: 14 Jul 2020 14:09

Tgt Ion: 65 Resp: 194227

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	105.2



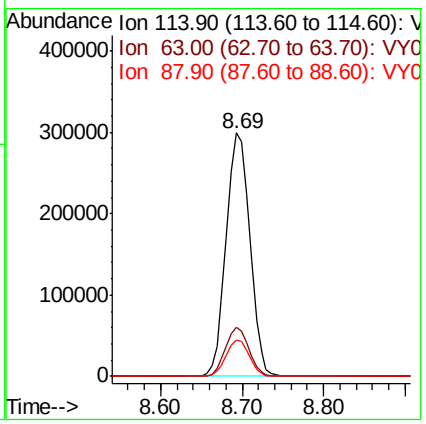


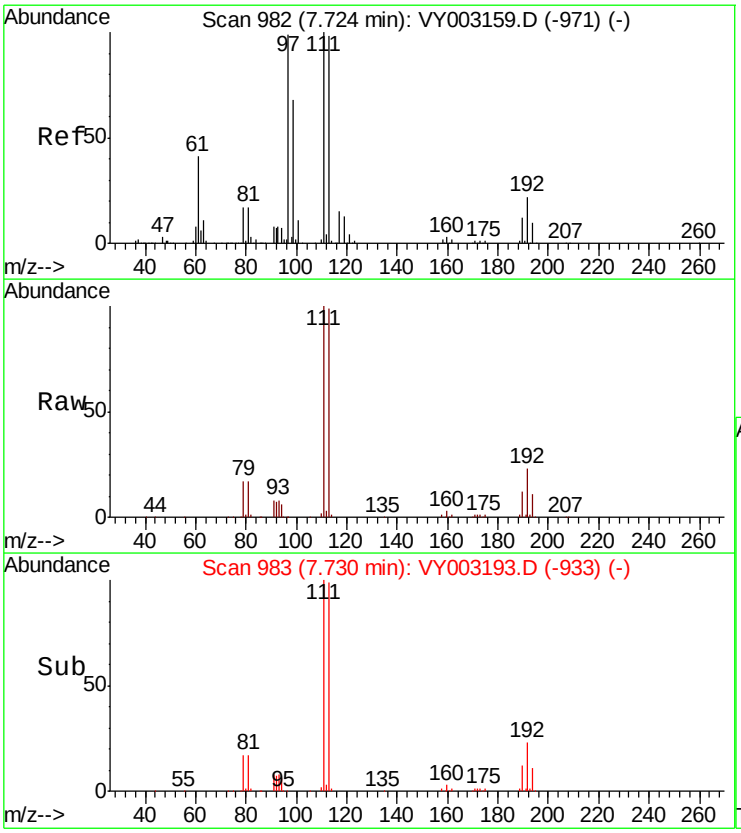
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VY003193.D
Acq: 14 Jul 2020 14:09

Instrument :
MSVOA_Y
ClientSampleId :
IRON-1

Tgt Ion:114 Resp: 598630

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	41.2
88	15.1	0.0	30.2

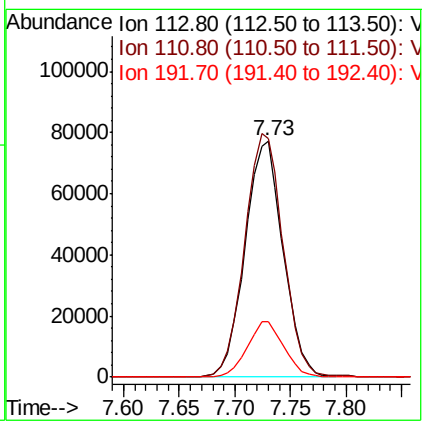


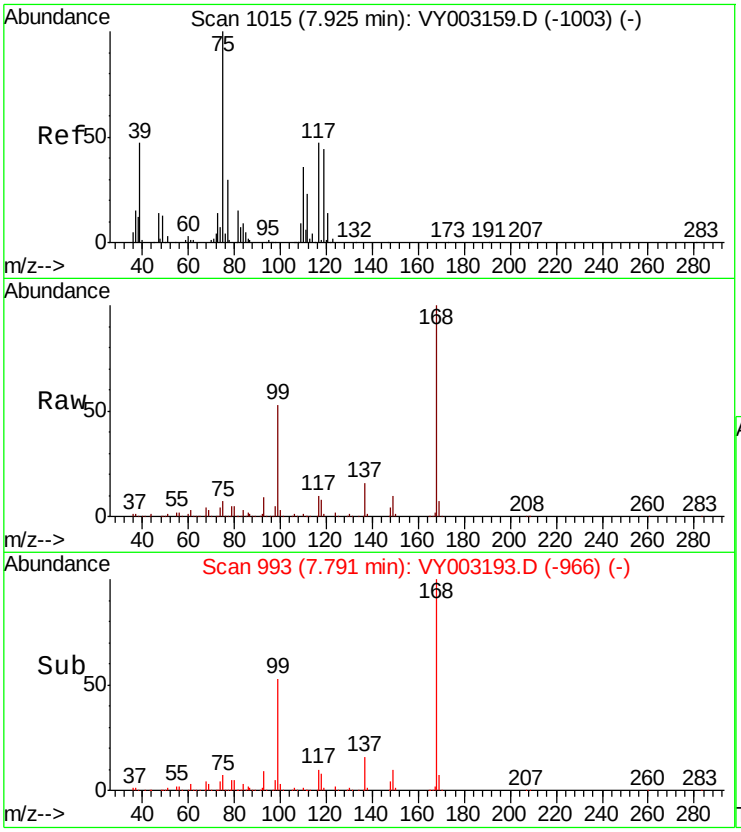


#35
Dibromofluoromethane
Concen: 53.334 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY003193.D
Acq: 14 Jul 2020 14:09

Tgt Ion:113 Resp: 183733

Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.1	123.1
192	22.7	18.8	28.2



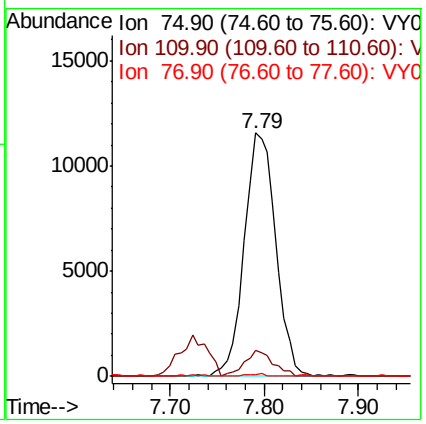


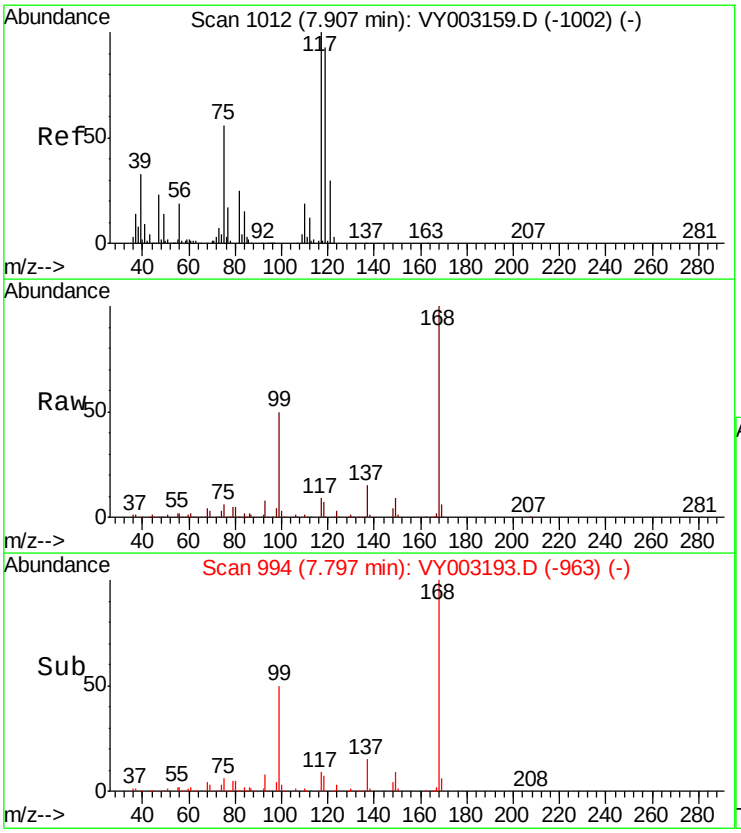
#36
1,1-Dichloropropene
Concen: 5.020 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.13 min
Lab File: VY003193.D
Acq: 14 Jul 2020 14:09

Instrument :
MSVOA_Y
ClientSampleId :
IRON-1

Tgt Ion: 75 Resp: 27238

Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.1	54.1#
77	0.6	24.8	37.2#

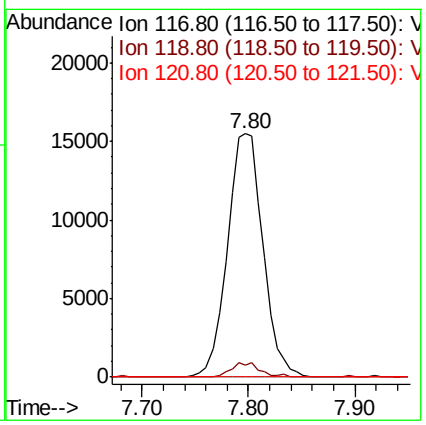


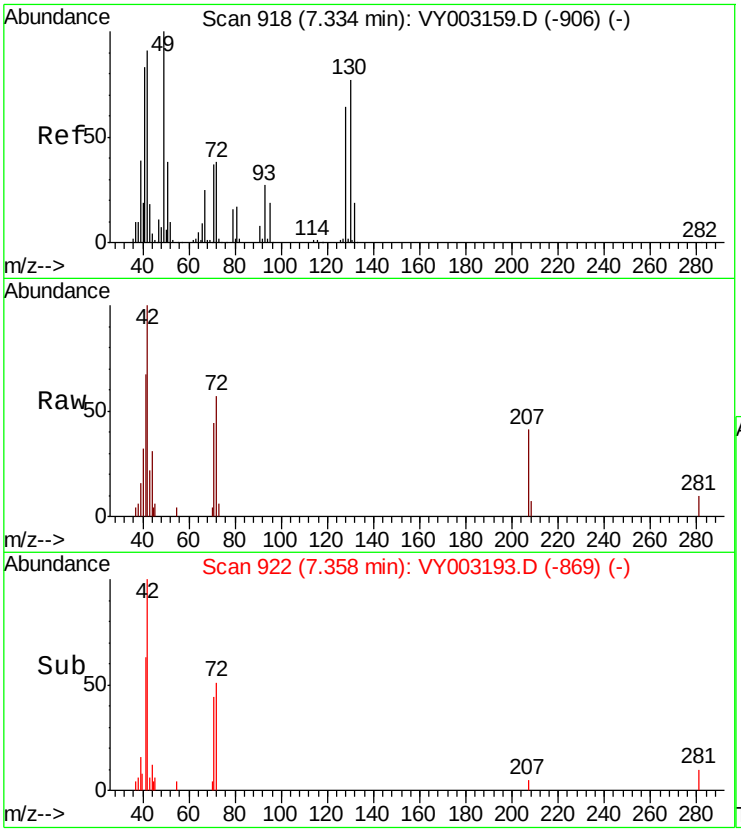


#38
Carbon Tetrachloride
Concen: 6.455 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY003193.D
Acq: 14 Jul 2020 14:09

Tgt Ion:117 Resp: 36155

Ion	Ratio	Lower	Upper
117	100		
119	4.7	74.5	111.7#
121	0.0	24.2	36.2#



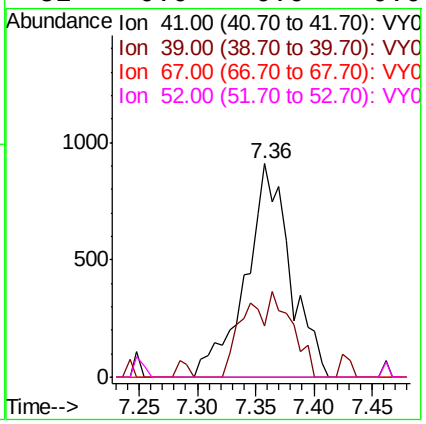


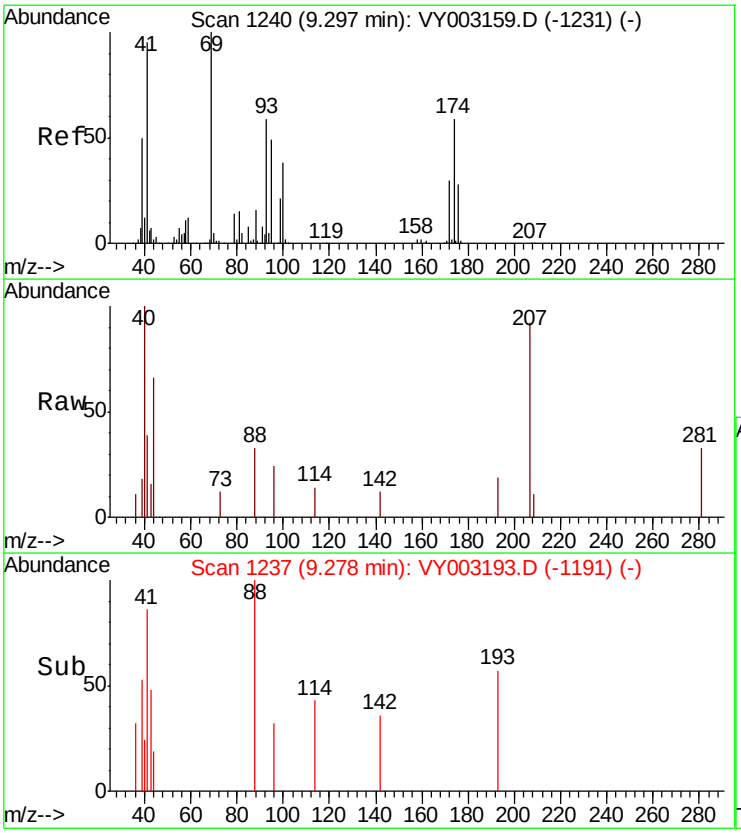
#41
Methacrylonitrile
Concen: 1.368 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.02 min
Lab File: VY003193.D
Acq: 14 Jul 2020 14:09

Instrument : MSVOA_Y
ClientSampleId : IRON-1

Tgt Ion: 41 Resp: 2407

Ion	Ratio	Lower	Upper
41	100		
39	21.4	83.3	124.9#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

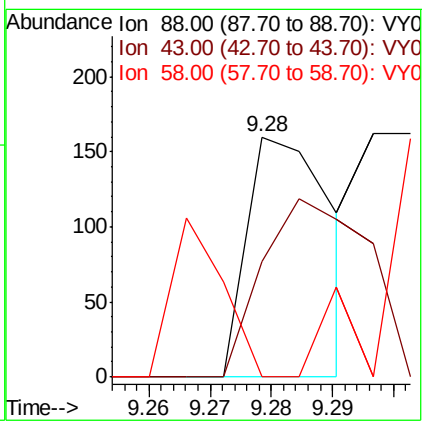


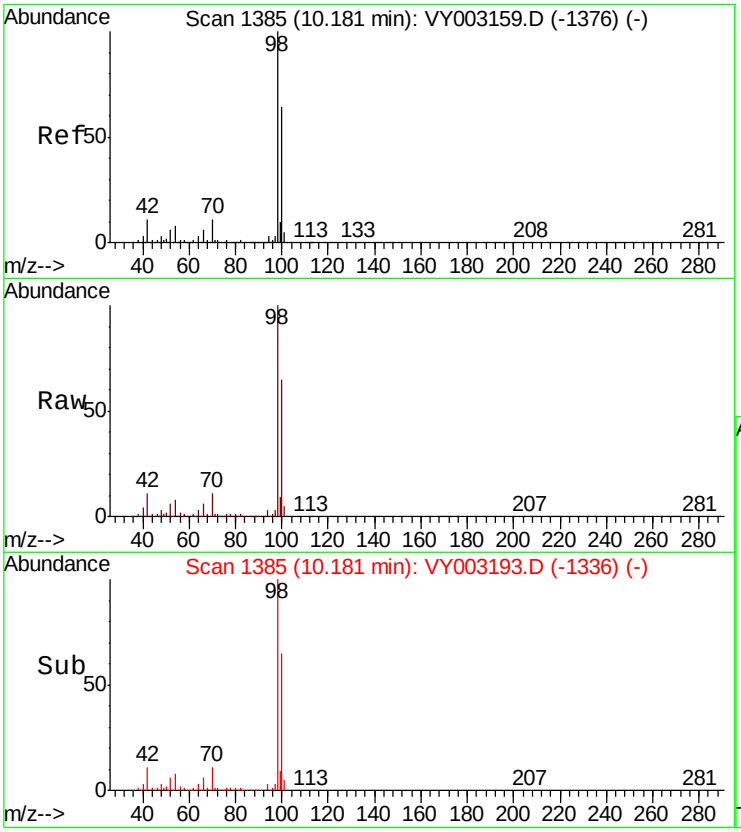


#49
1,4-Dioxane
Concen: 5.339 ug/l
RT: 9.28 min Scan# 1237
Delta R.T. -0.02 min
Lab File: VY003193.D
Acq: 14 Jul 2020 14:09

Tgt Ion: 88 Resp: 153

Ion	Ratio	Lower	Upper
88	100		
43	93.5	25.6	38.4#
58	40.5	47.8	71.6#



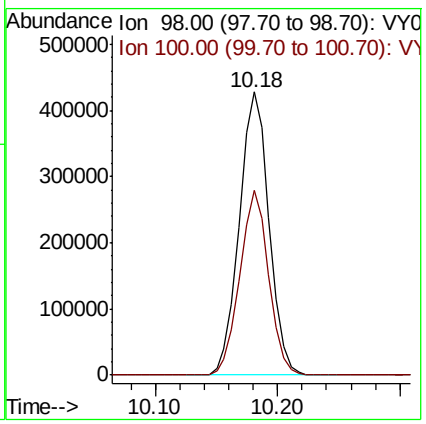


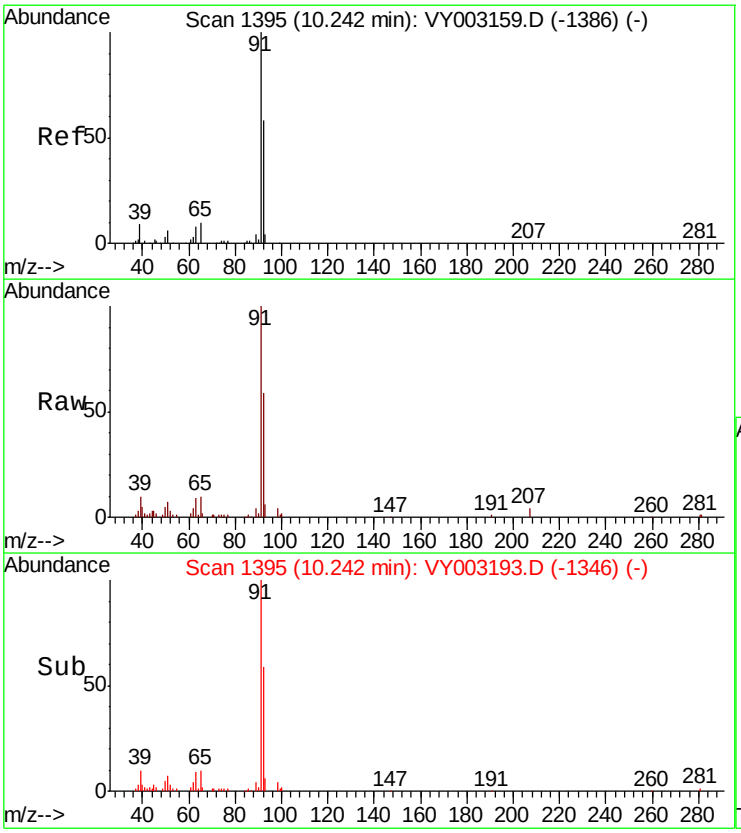
#50
Toluene-d8
Concen: 56.127 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003193.D
Acq: 14 Jul 2020 14:09

Instrument :
MSVOA_Y
ClientSampleId :
IRON-1

Tgt Ion: 98 Resp: 718867

Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.7	76.1

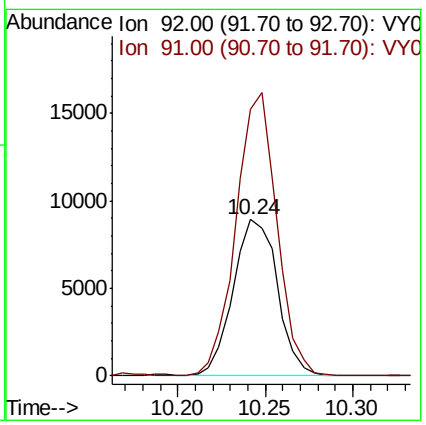


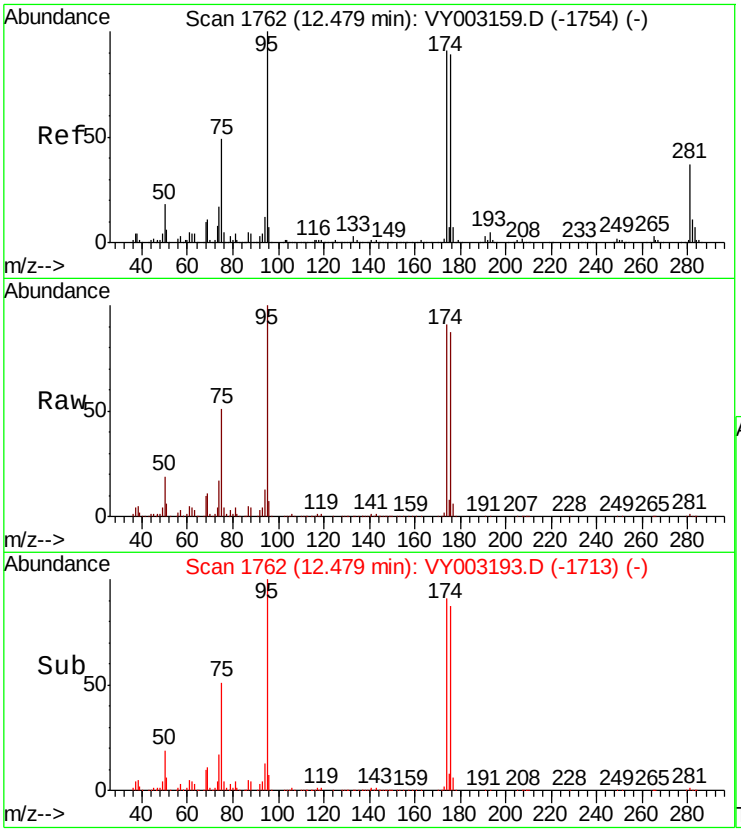


#52
Toluene
Concen: 1.660 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003193.D
Acq: 14 Jul 2020 14:09

Tgt Ion: 92 Resp: 15846

Ion	Ratio	Lower	Upper
92	100		
91	167.3	139.7	209.5



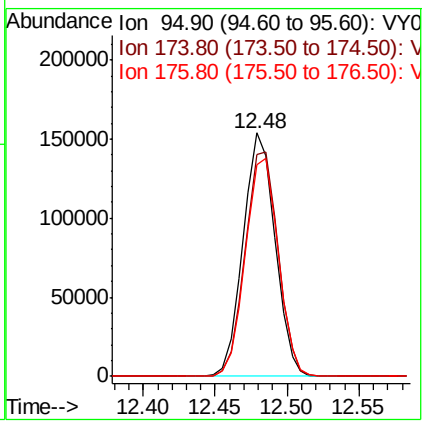


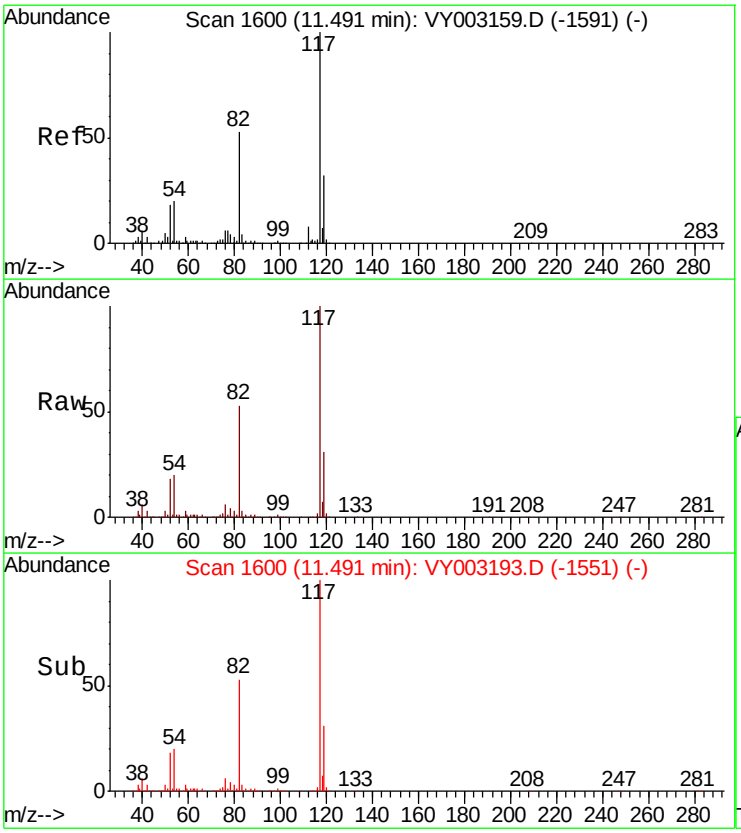
#62
4-Bromofluorobenzene
Concen: 51.053 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003193.D
Acq: 14 Jul 2020 14:09

Instrument :
MSVOA_Y
ClientSampleId :
IRON-1

Tgt Ion: 95 Resp: 236218

Ion	Ratio	Lower	Upper
95	100		
174	95.0	0.0	190.6
176	92.1	0.0	186.4

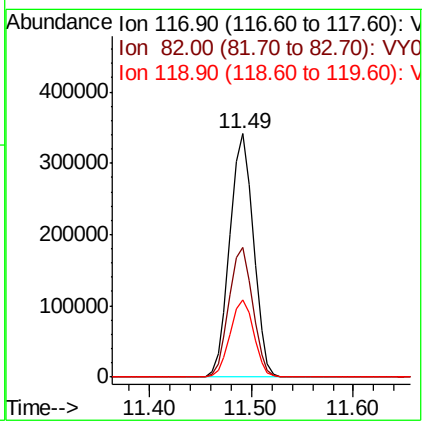


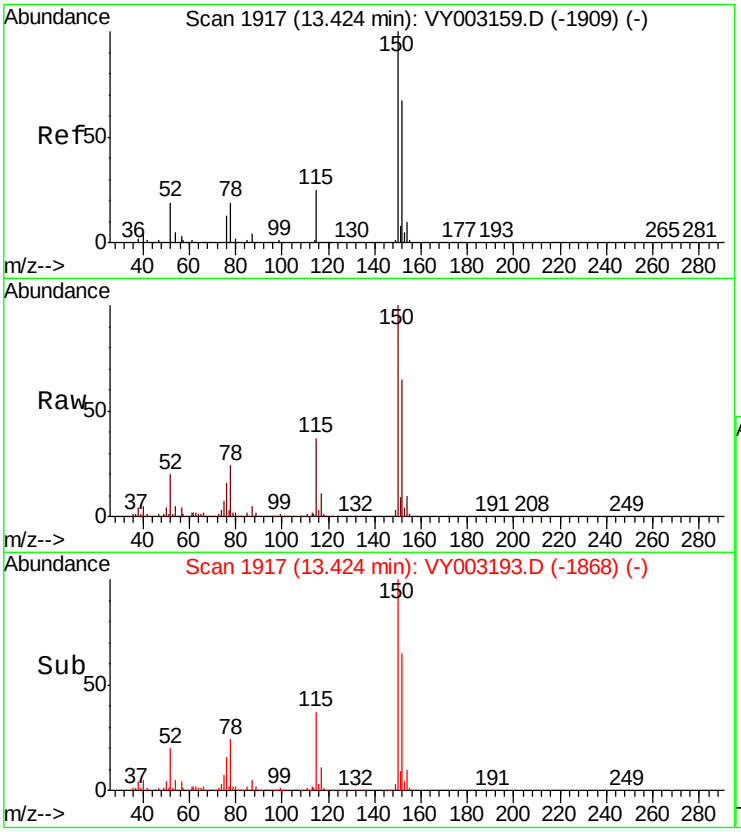


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003193.D
Acq: 14 Jul 2020 14:09

Tgt Ion:117 Resp: 546028

Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.0	63.0
119	31.5	25.5	38.3



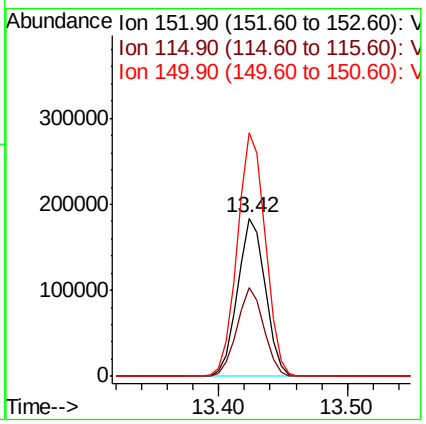


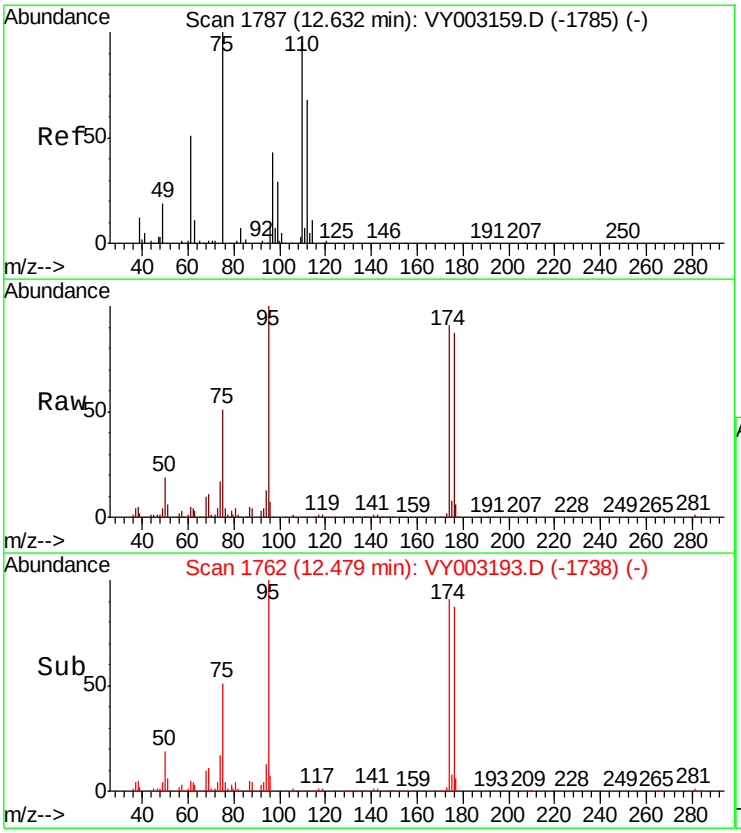
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003193.D
Acq: 14 Jul 2020 14:09

Instrument :
MSVOA_Y
ClientSampleId :
IRON-1

Tgt Ion:152 Resp: 272940

Ion	Ratio	Lower	Upper
152	100		
115	54.6	26.9	80.7
150	155.6	0.0	338.0

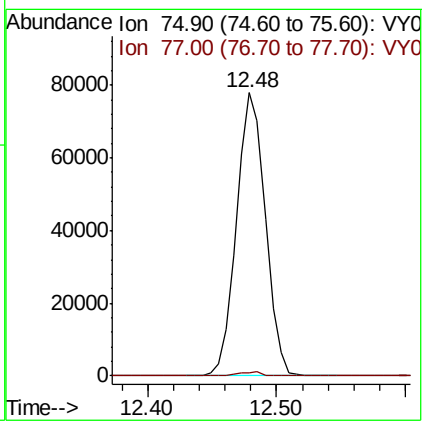


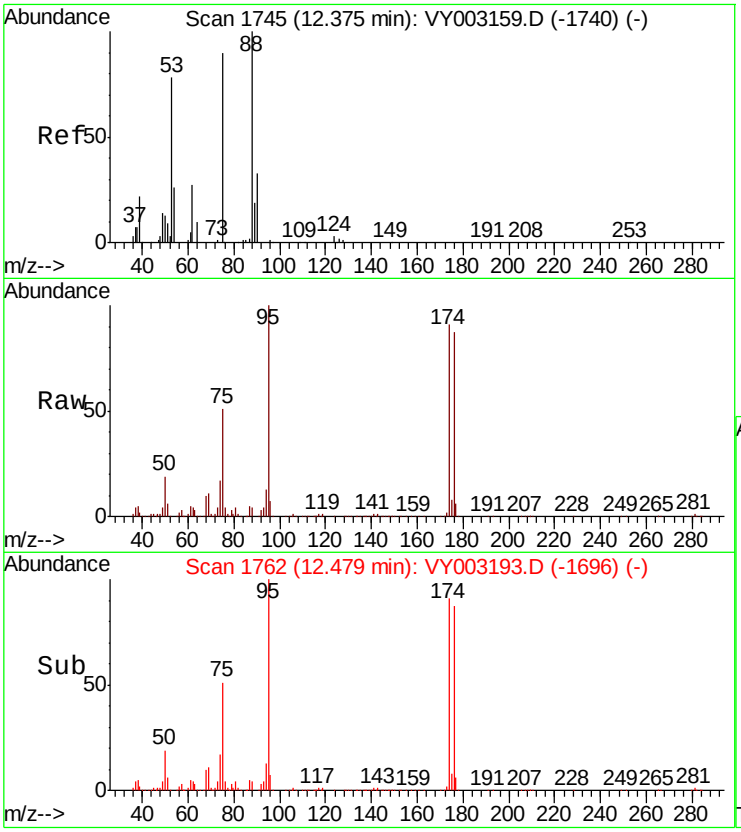


#76
1,2,3-Trichloropropane
Concen: 49.815 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003193.D
Acq: 14 Jul 2020 14:09

Tgt Ion: 75 Resp: 120352

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 96.949 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY003193.D
Acq: 14 Jul 2020 14:09

Instrument :
MSVOA_Y
ClientSampleId :
IRON-1

Tgt Ion: 75 Resp: 120352

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