Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY092019\
Data File : VY000120.D
Acq On : 20 Sep 2019 19:57
Operator : SY/MD
Sample : K4938-05
Misc : 5.09g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Sep 20 23:50:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 05:38:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	83838	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	182529	50.00 ug/l	0.00
63) Chlorobenzene-d5	11.49	117	151298	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	58079	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.15	65	51714	53.61 ug/l	0.00
Spiked Amount 50.000			Recovery =	107.22%	
35) Dibromofluoromethane	7.72	113	49704	44.97 ug/l	0.00
Spiked Amount 50.000			Recovery =	89.94%	
50) Toluene-d8	10.18	98	216008	49.76 ug/l	0.00
Spiked Amount 50.000			Recovery =	99.52%	
62) 4-Bromofluorobenzene	12.48	95	68926	42.77 ug/l	0.00
Spiked Amount 50.000			Recovery =	85.54%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.90	85	103	Below Cal #	42
3) Chloromethane	2.11	50	1413	Below Cal	94
5) Bromomethane	2.89	94	27	Below Cal #	6
11) Tert butyl alcohol	4.95	59	324	2.833 ug/l #	73
13) Acrolein	3.78	56	49	Below Cal #	13
16) Acetone	3.96	43	984	4.381 ug/l #	74
17) Carbon Disulfide	4.29	76	40	Below Cal #	77
20) Methylene Chloride	4.72	84	8254	7.813 ug/l #	78
25) 2-Butanone	6.99	43	1294	3.181 ug/l #	44
29) Tetrahydrofuran	7.35	42	48399	198.196 ug/l	98
31) Cyclohexane	7.79	56	2269	Below Cal #	41
36) 1,1-Dichloropropene	7.80	75	8622	6.317 ug/l #	45
37) Ethyl Acetate	6.99	43	1294	1.422 ug/l #	19
38) Carbon Tetrachloride	7.79	117	9461	7.345 ug/l #	19
41) Methacrylonitrile	7.35	41	24879	38.514 ug/l #	35
49) 1,4-Dioxane	9.37	88	27	2.180 ug/l #	26
76) 1,2,3-Trichloropropane	12.48	75	35188	43.061 ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	35188	82.817 ug/l #	19

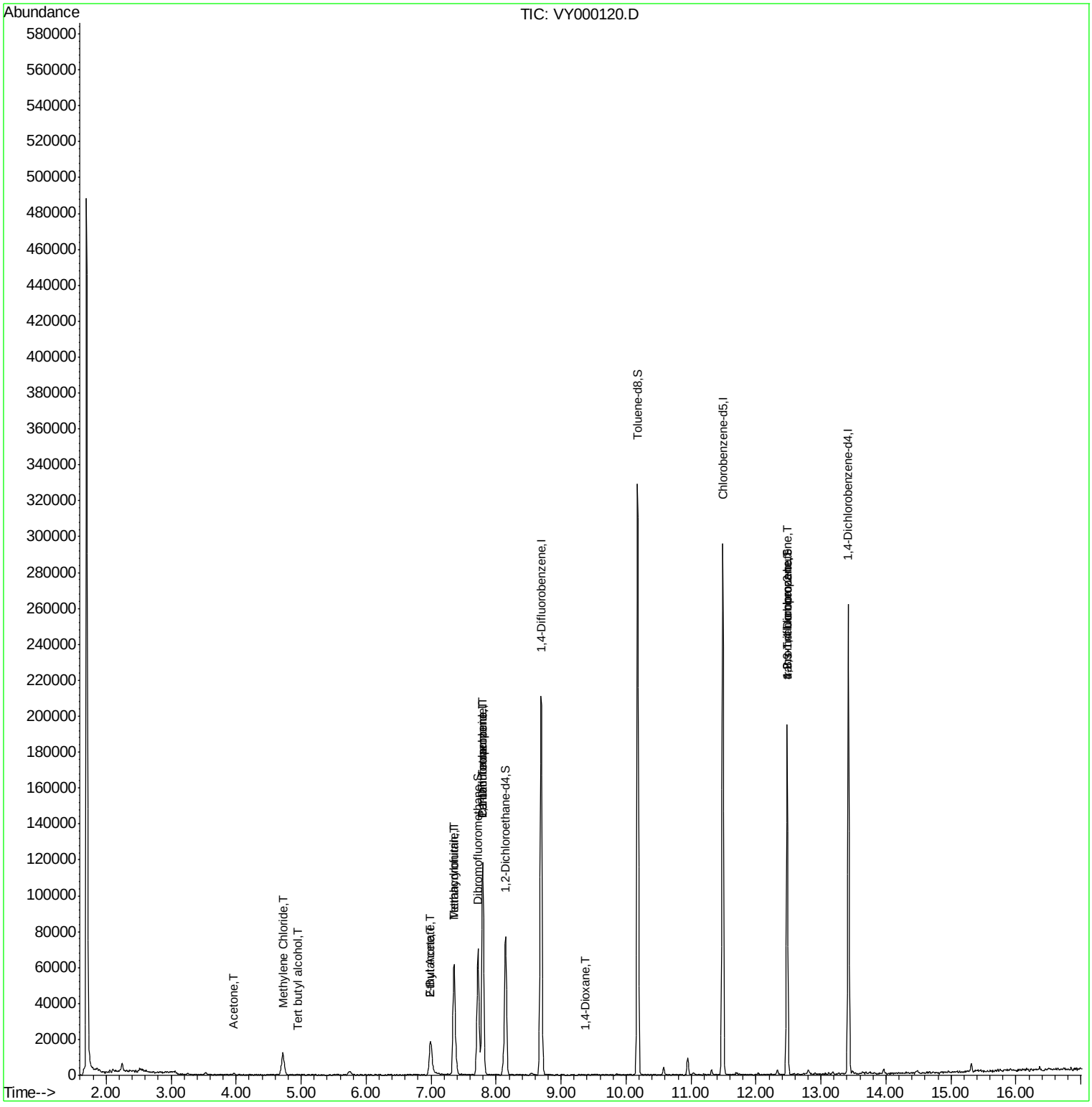
(#) = qualifier out of range (m) = manual integration (+) = signals summed

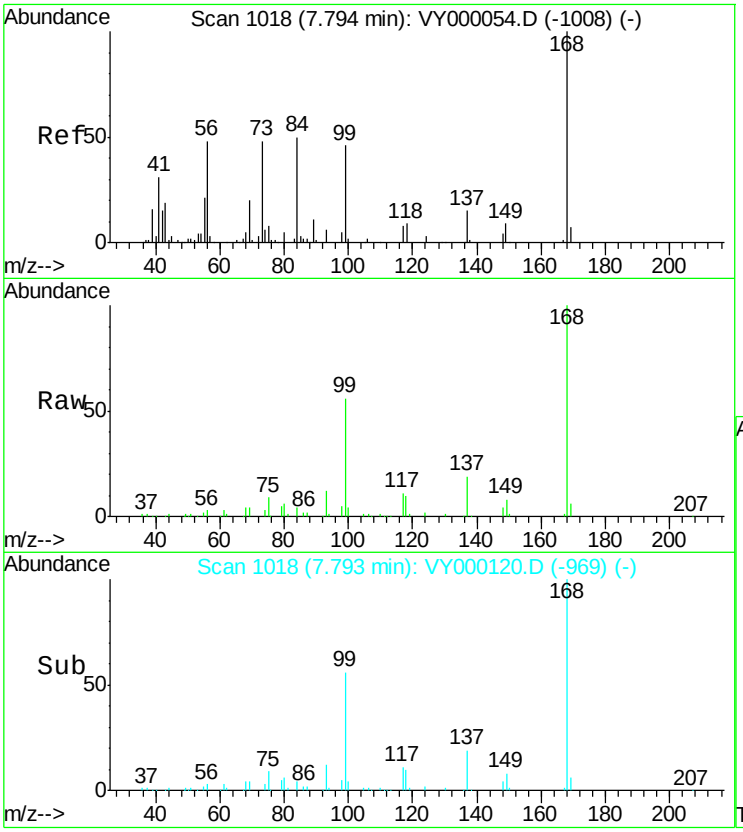
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY092019\
Data File : VY000120.D
Acq On : 20 Sep 2019 19:57
Operator : SY/MD
Sample : K4938-05
Misc : 5.09g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 20 23:50:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 05:38:39 2019
Response via : Initial Calibration



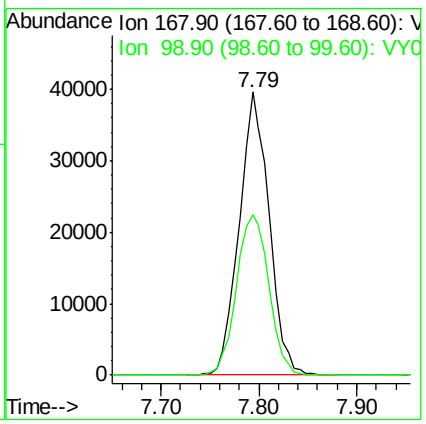


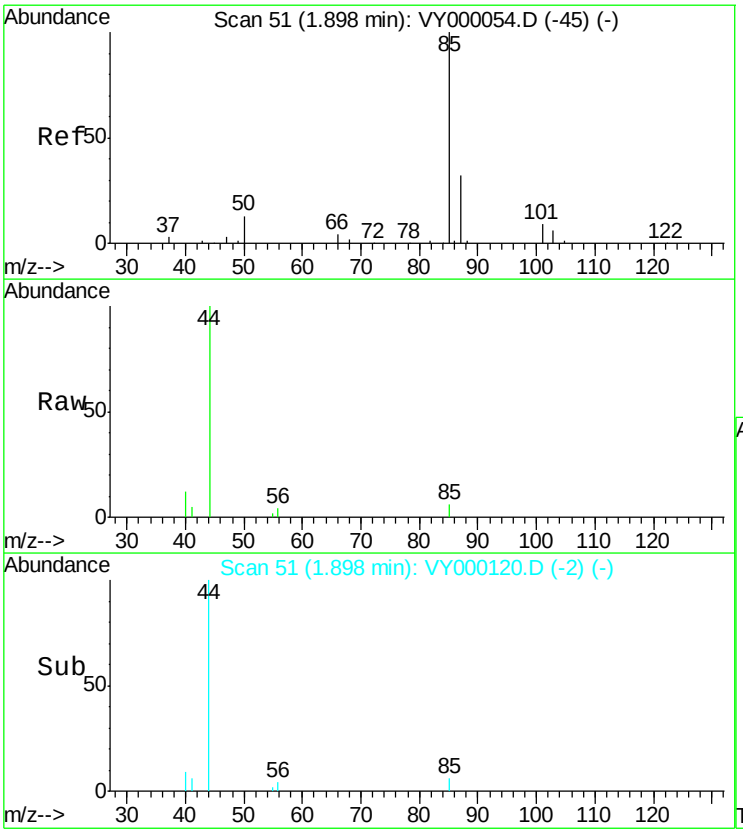
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.79 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VY000120.D
Acq: 20 Sep 2019 19:57

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 83838

Ion	Ratio	Lower	Upper
168	100		
99	56.5	44.2	66.2

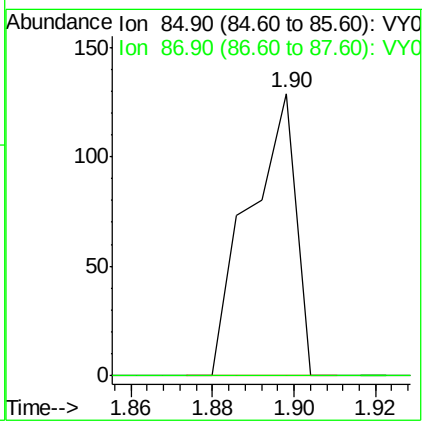


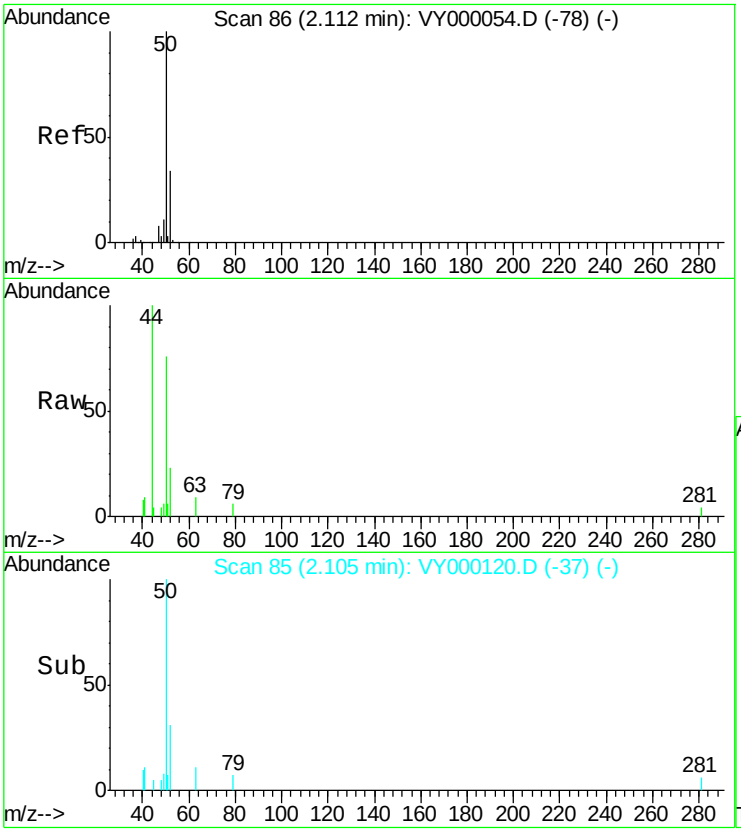


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.90 min Scan# 51
Delta R.T. 0.00 min
Lab File: VY000120.D
Acq: 20 Sep 2019 19:57

Tgt Ion: 85 Resp: 103

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.2	48.5#



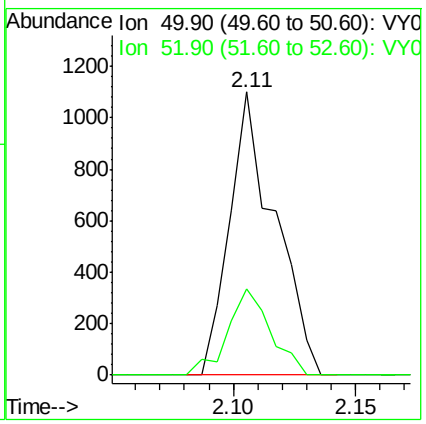


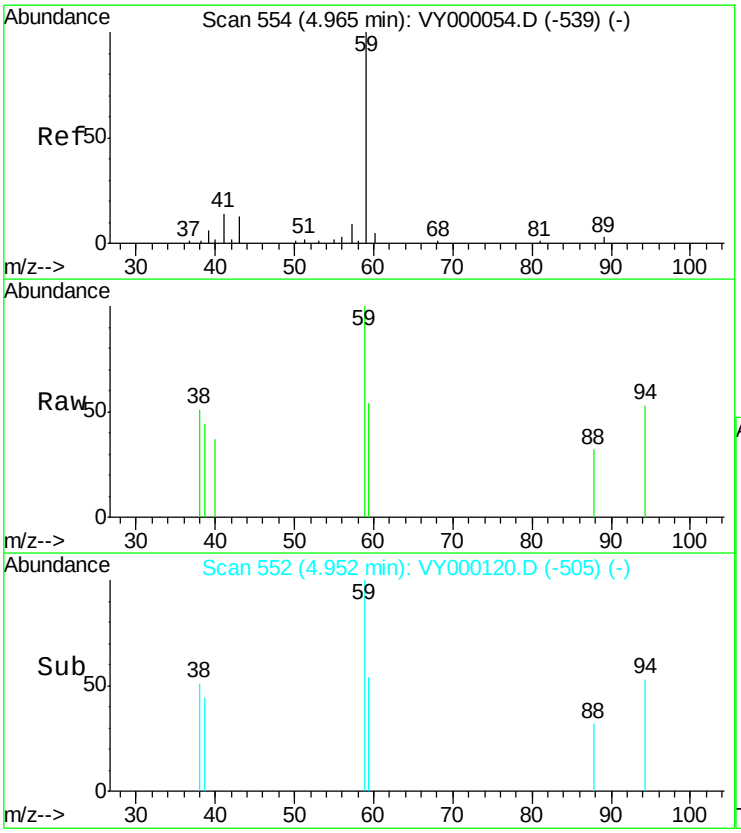
#3
Chloromethane
Concen: Below Cal
RT: 2.11 min Scan# 85
Delta R.T. -0.01 min
Lab File: VY000120.D
Acq: 20 Sep 2019 19:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 1413

Ion	Ratio	Lower	Upper
50	100		
52	30.5	27.3	40.9

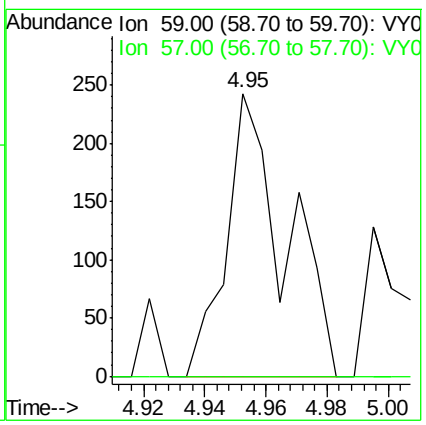


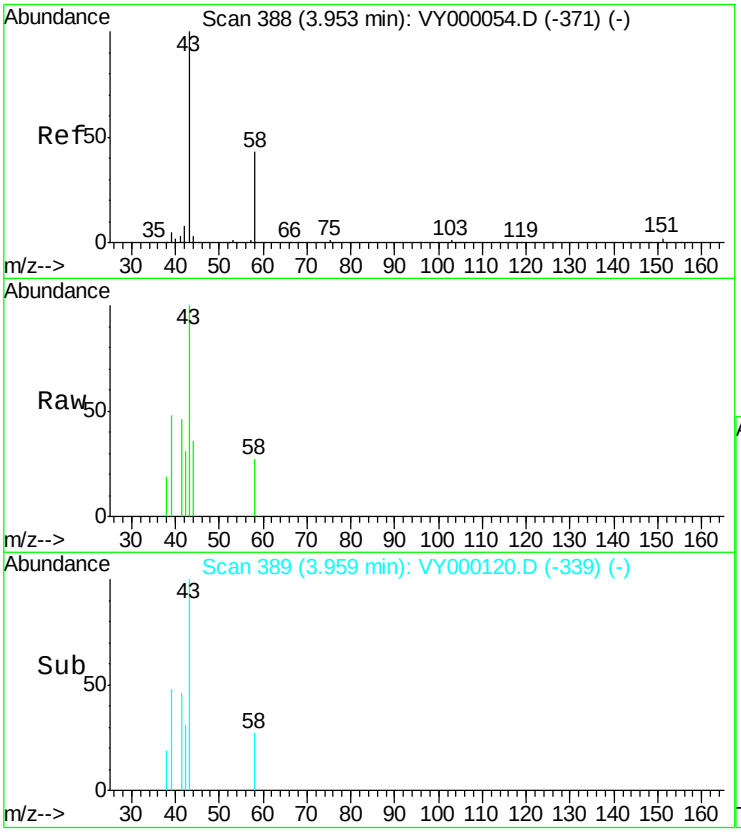


#11
Tert butyl alcohol
Concen: 2.833 ug/l
RT: 4.95 min Scan# 552
Delta R.T. -0.01 min
Lab File: VY000120.D
Acq: 20 Sep 2019 19:57

Tgt Ion: 59 Resp: 324

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0#



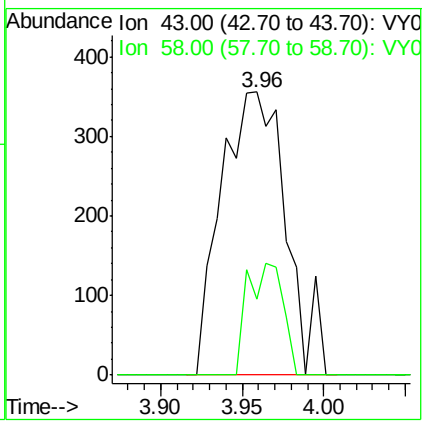


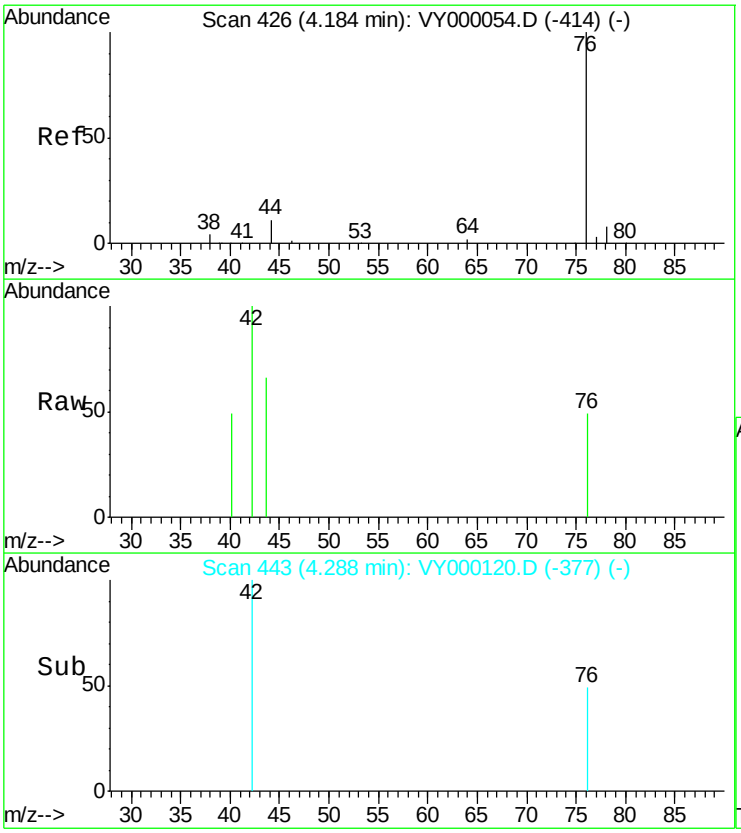
#16
Acetone
Concen: 4.381 ug/l
RT: 3.96 min Scan# 389
Delta R.T. 0.01 min
Lab File: VY000120.D
Acq: 20 Sep 2019 19:57

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 984

Ion	Ratio	Lower	Upper
43	100		
58	26.7	34.5	51.7#

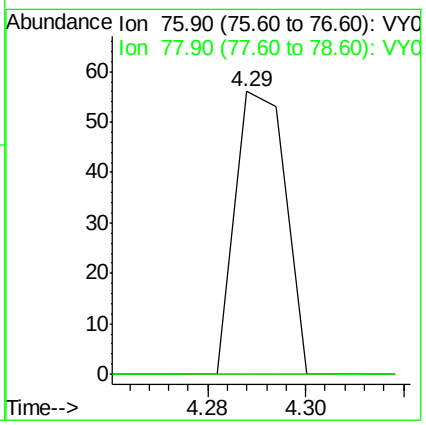


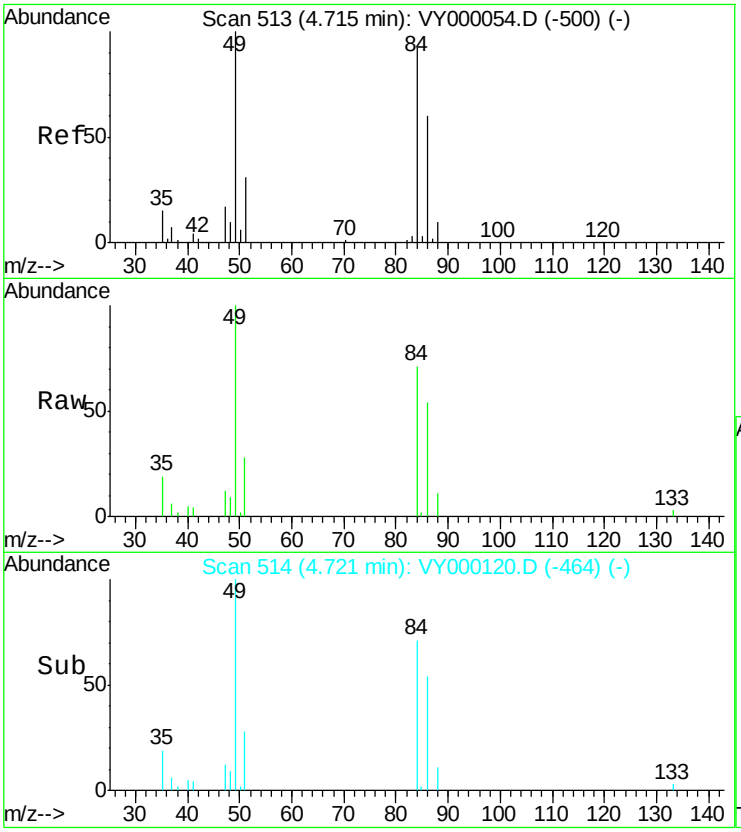


#17
Carbon Disulfide
Concen: Below Cal
RT: 4.29 min Scan# 443
Delta R.T. 0.10 min
Lab File: VY000120.D
Acq: 20 Sep 2019 19:57

Tgt Ion: 76 Resp: 40

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.6	9.8#



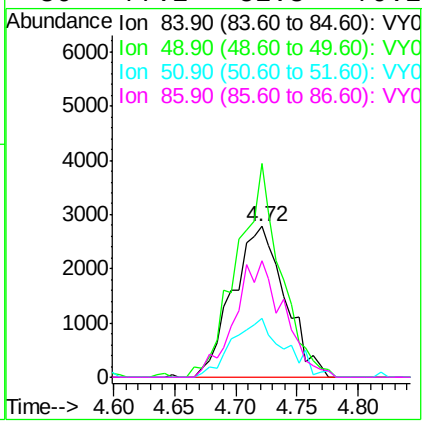


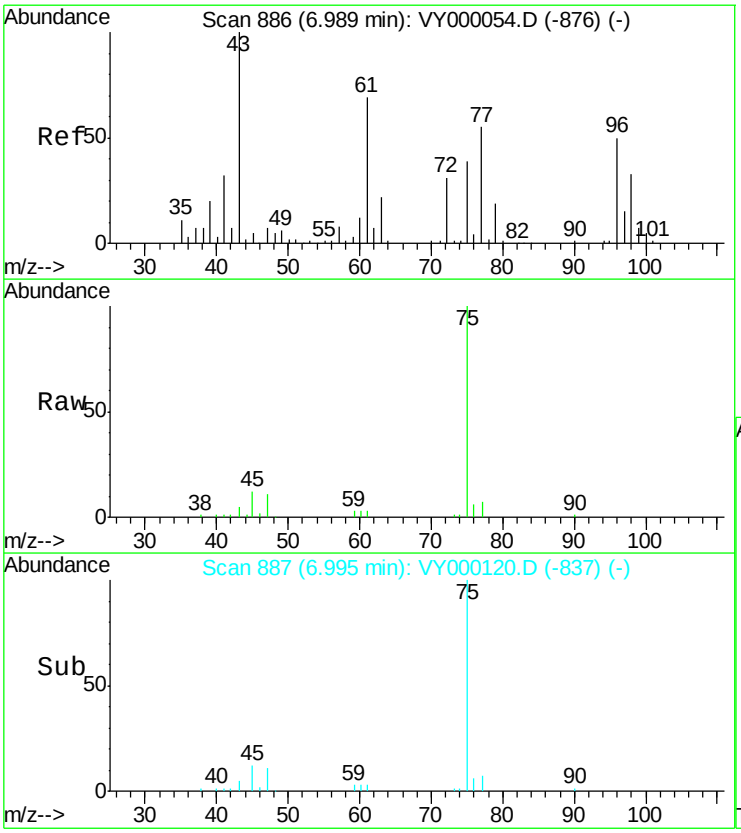
#20
Methylene Chloride
Concen: 7.813 ug/l
RT: 4.72 min Scan# 514
Delta R.T. 0.01 min
Lab File: VY000120.D
Acq: 20 Sep 2019 19:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 8254

Ion	Ratio	Lower	Upper
84	100		
49	141.7	87.4	131.0#
51	39.1	27.2	40.8
86	77.2	52.8	79.2

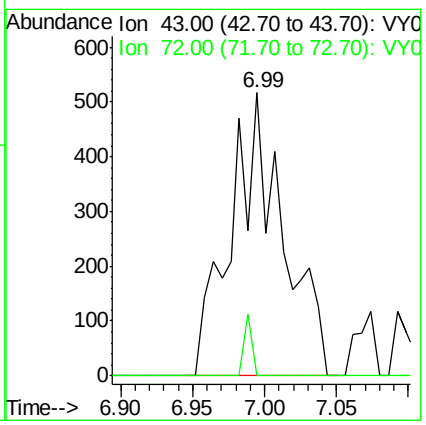


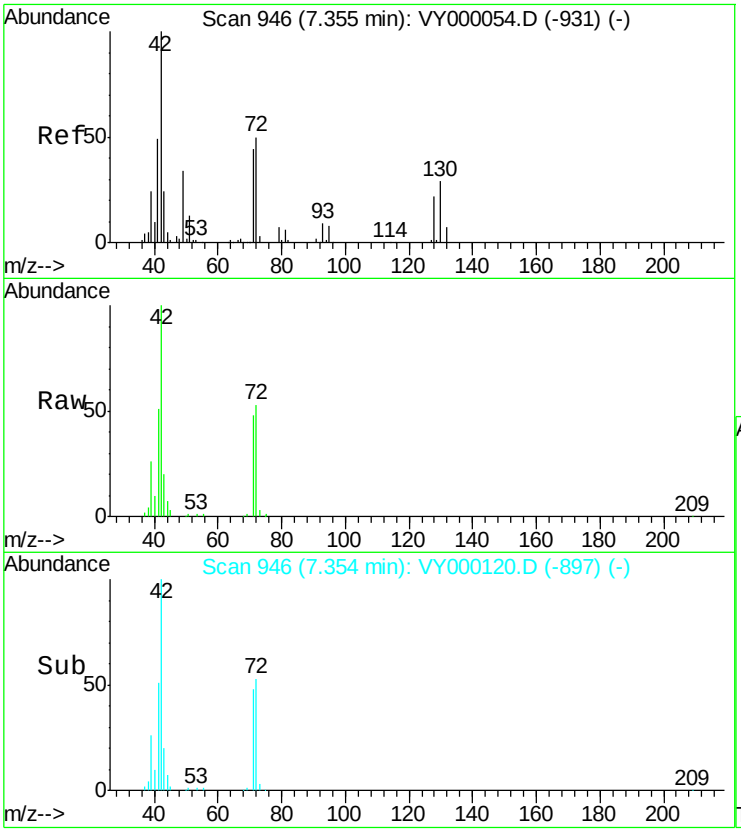


#25
2-Butanone
Concen: 3.181 ug/l
RT: 6.99 min Scan# 887
Delta R.T. 0.01 min
Lab File: VY000120.D
Acq: 20 Sep 2019 19:57

Tgt Ion: 43 Resp: 1294

Ion	Ratio	Lower	Upper
43	100		
72	0.0	24.7	37.1#



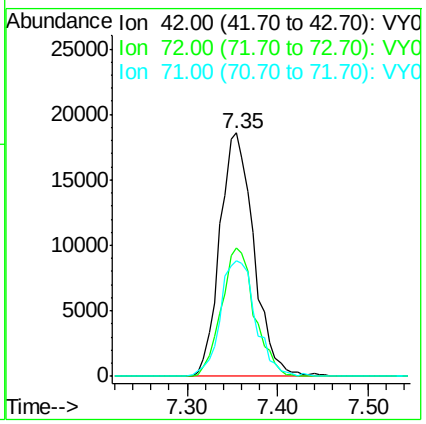


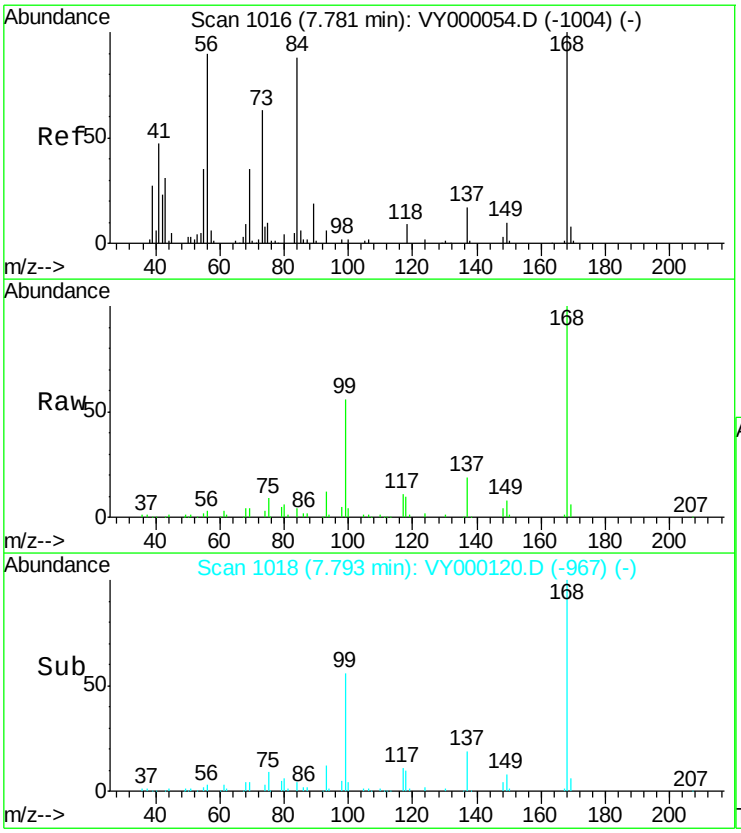
#29
Tetrahydrofuran
Concen: 198.196 ug/l
RT: 7.35 min Scan# 946
Delta R.T. -0.00 min
Lab File: VY000120.D
Acq: 20 Sep 2019 19:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 42 Resp: 48399

Ion	Ratio	Lower	Upper
42	100		
72	51.2	41.8	62.6
71	49.3	38.6	58.0

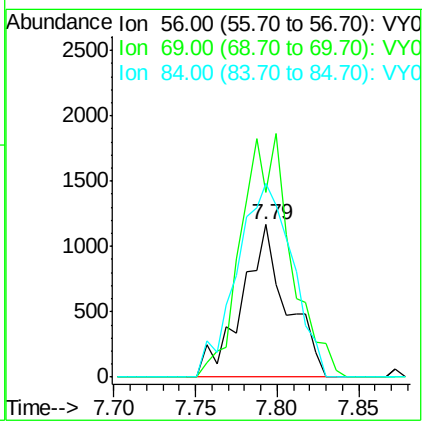


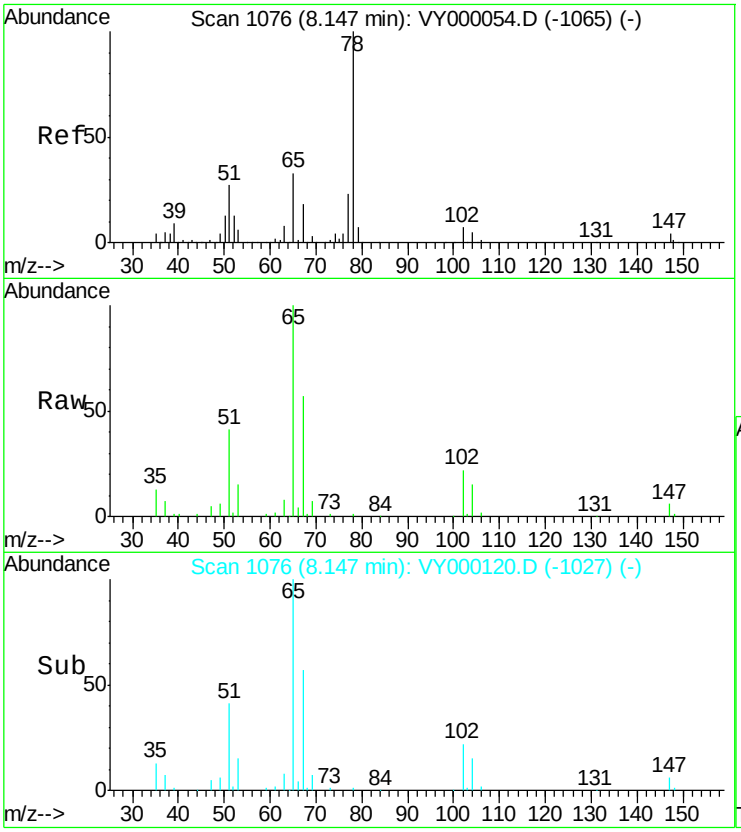


#31
Cyclohexane
Concen: Below Cal
RT: 7.79 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VY000120.D
Acq: 20 Sep 2019 19:57

Tgt Ion: 56 Resp: 2269

Ion	Ratio	Lower	Upper
56	100		
69	121.3	30.9	46.3#
84	126.9	78.5	117.7#



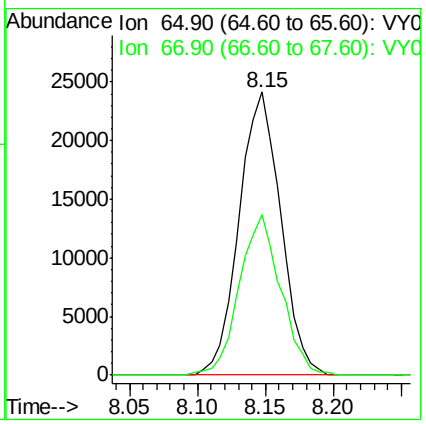


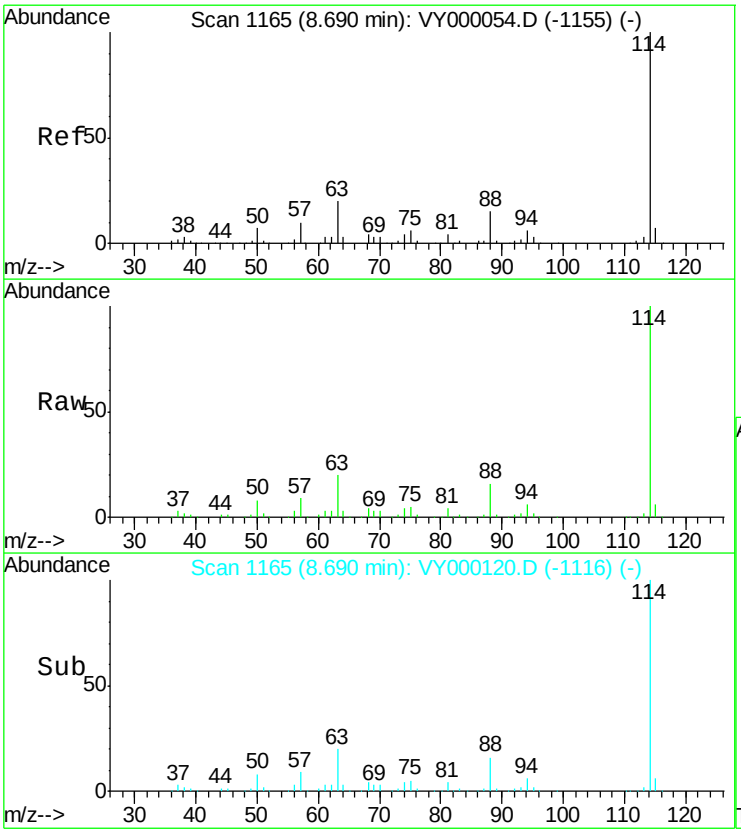
#33
1,2-Dichloroethane-d4
Concen: 53.614 ug/l
RT: 8.15 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VY000120.D
Acq: 20 Sep 2019 19:57

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 51714

Ion	Ratio	Lower	Upper
65	100		
67	56.3	0.0	111.0

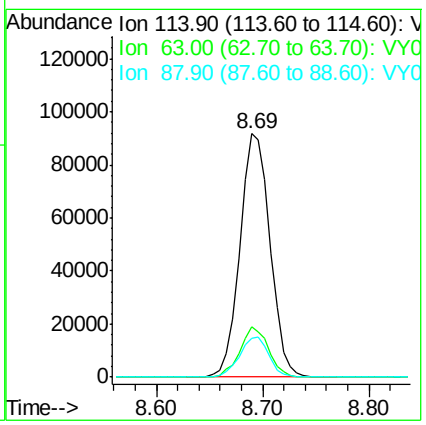


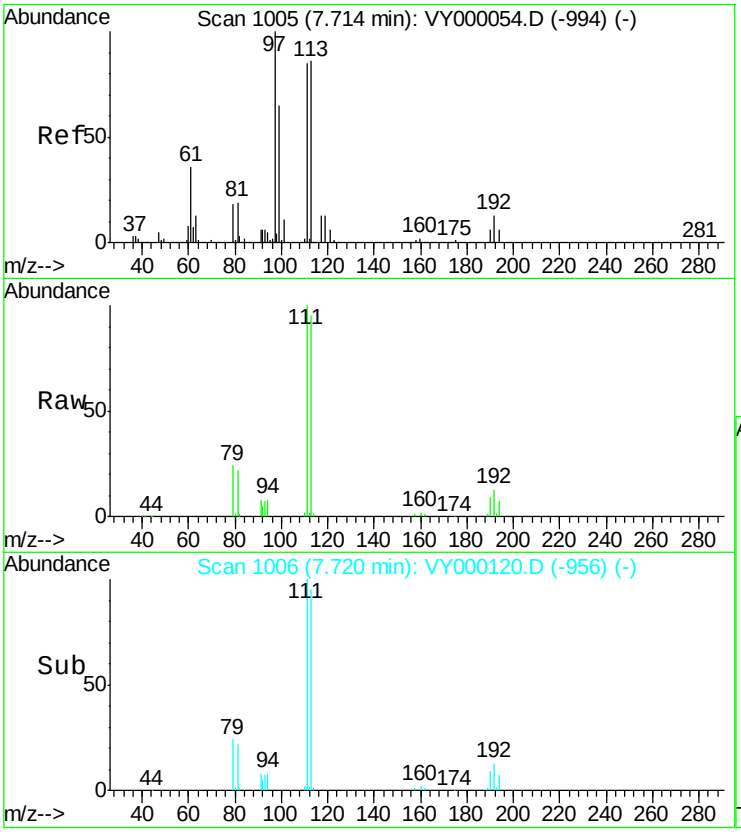


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1165
Delta R.T. -0.00 min
Lab File: VY000120.D
Acq: 20 Sep 2019 19:57

Tgt Ion:114 Resp: 182529

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.4
88	16.0	0.0	30.2



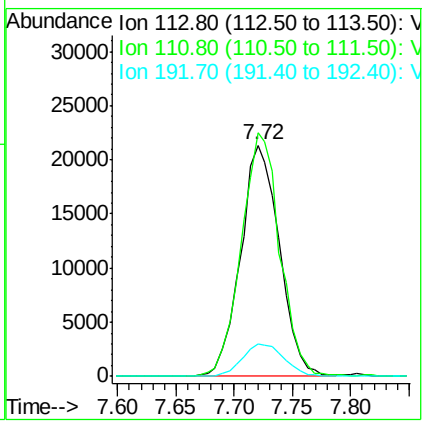


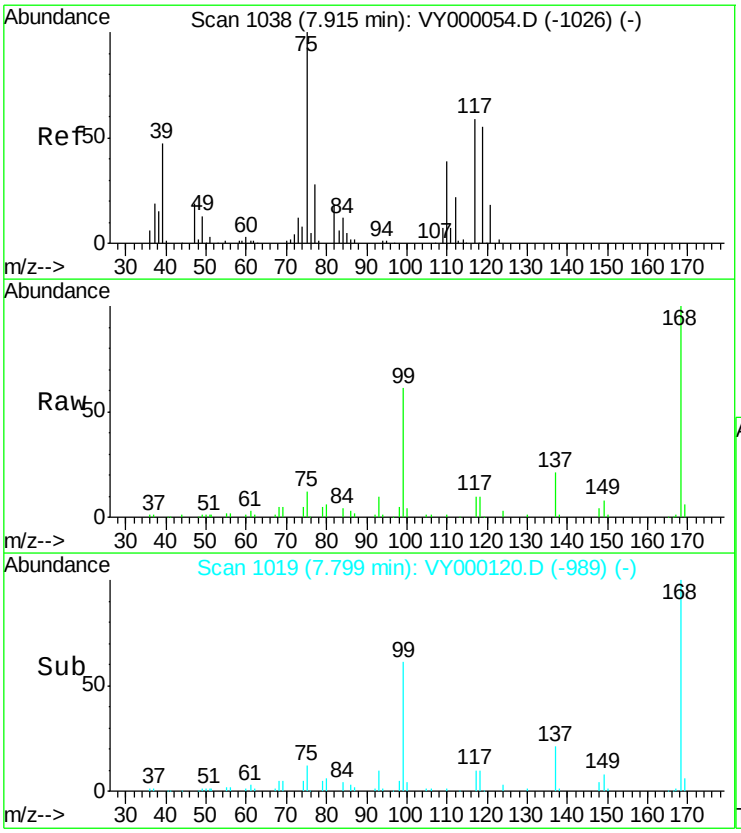
#35
Dibromofluoromethane
Concen: 44.974 ug/l
RT: 7.72 min Scan# 1006
Delta R.T. 0.01 min
Lab File: VY000120.D
Acq: 20 Sep 2019 19:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 49704

Ion	Ratio	Lower	Upper
113	100		
111	104.7	81.7	122.5
192	15.0	13.4	20.2

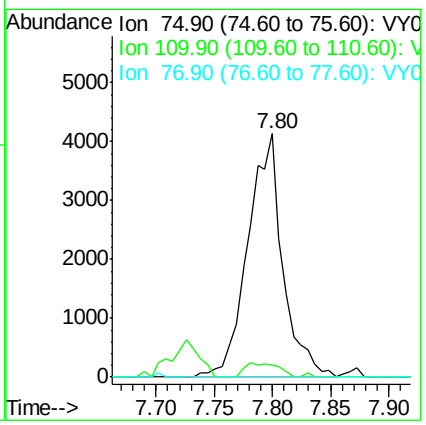


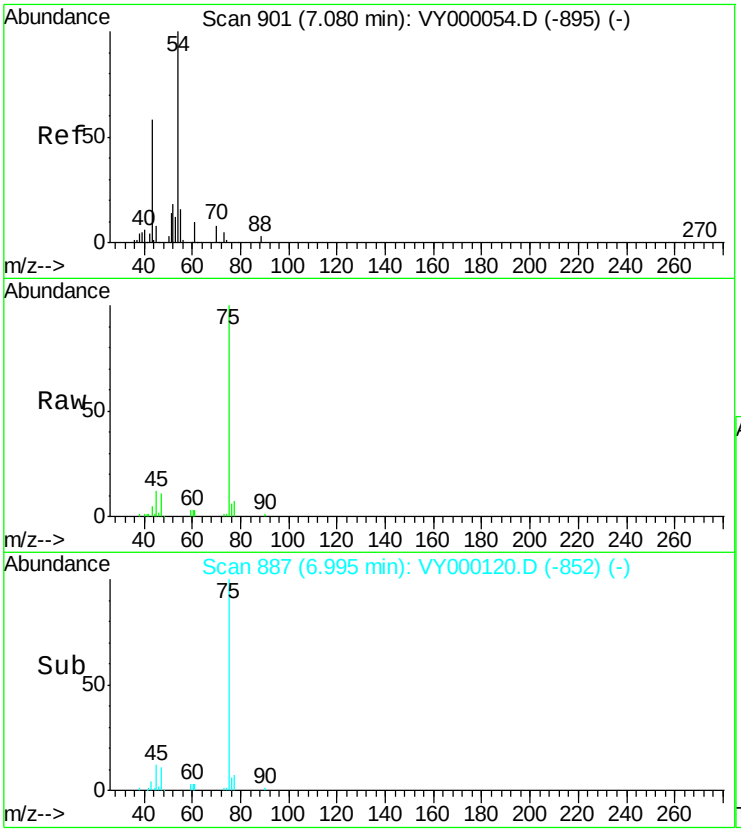


#36
1,1-Dichloropropene
Concen: 6.317 ug/l
RT: 7.80 min Scan# 1019
Delta R.T. -0.12 min
Lab File: VY000120.D
Acq: 20 Sep 2019 19:57

Tgt Ion: 75 Resp: 8622

Ion	Ratio	Lower	Upper
75	100		
110	5.6	19.6	58.7#
77	0.0	24.3	36.5#



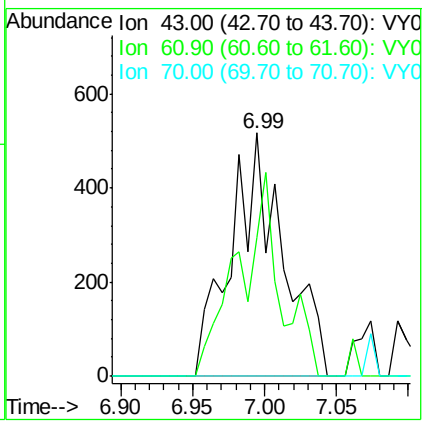


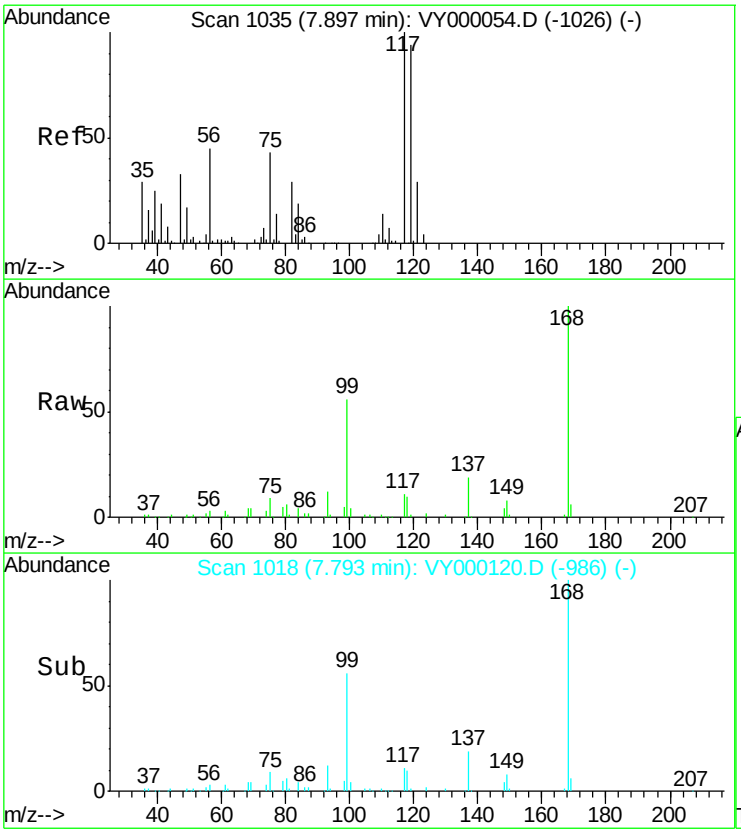
#37
Ethyl Acetate
Concen: 1.422 ug/l
RT: 6.99 min Scan# 887
Delta R.T. -0.09 min
Lab File: VY000120.D
Acq: 20 Sep 2019 19:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1294

Ion	Ratio	Lower	Upper
43	100		
61	68.5	14.1	21.1#
70	0.0	10.6	15.8#

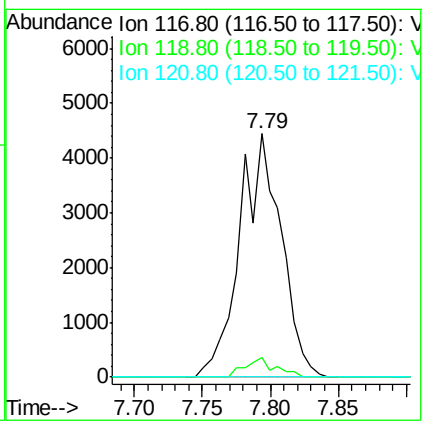


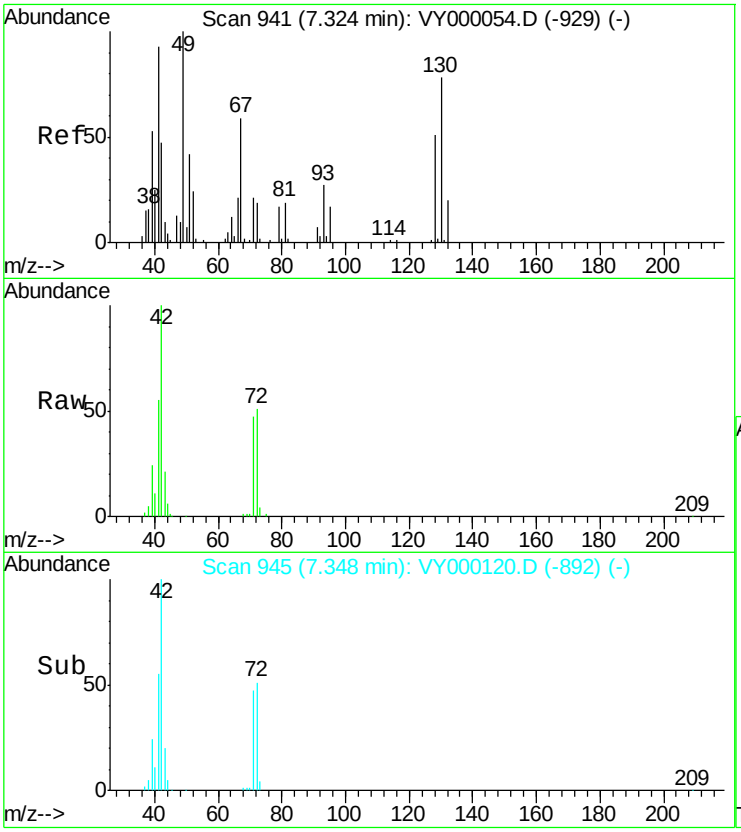


#38
Carbon Tetrachloride
Concen: 7.345 ug/l
RT: 7.79 min Scan# 1018
Delta R.T. -0.10 min
Lab File: VY000120.D
Acq: 20 Sep 2019 19:57

Tgt Ion:117 Resp: 9461

Ion	Ratio	Lower	Upper
117	100		
119	8.1	75.0	112.6#
121	0.0	22.8	34.2#



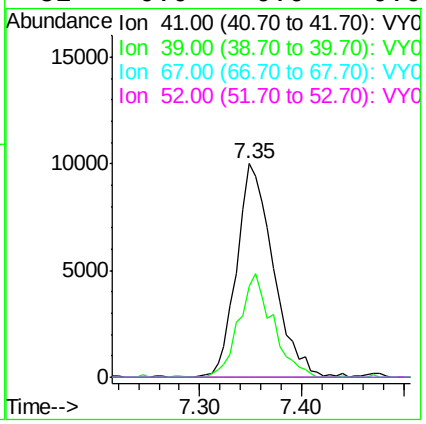


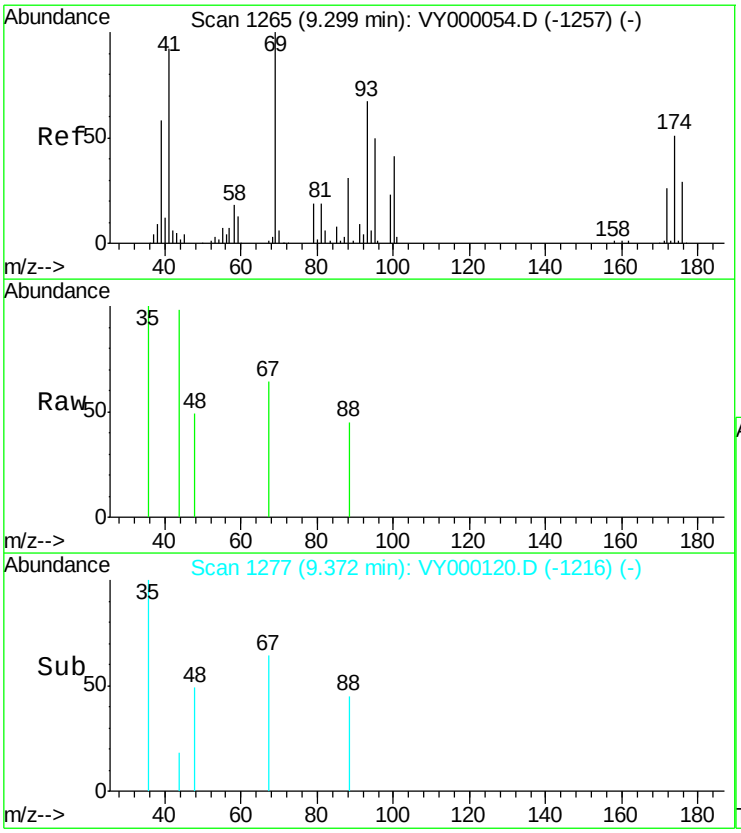
#41
Methacrylonitrile
Concen: 38.514 ug/l
RT: 7.35 min Scan# 945
Delta R.T. 0.02 min
Lab File: VY000120.D
Acq: 20 Sep 2019 19:57

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 24879

Ion	Ratio	Lower	Upper
41	100		
39	44.8	91.8	137.6#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

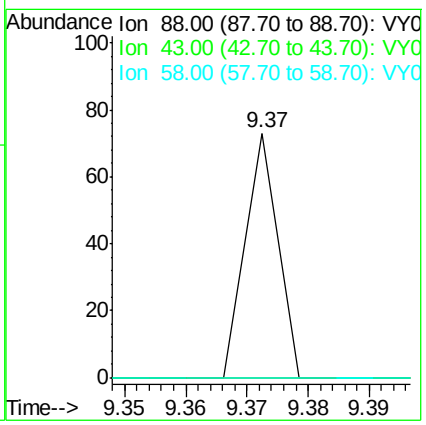


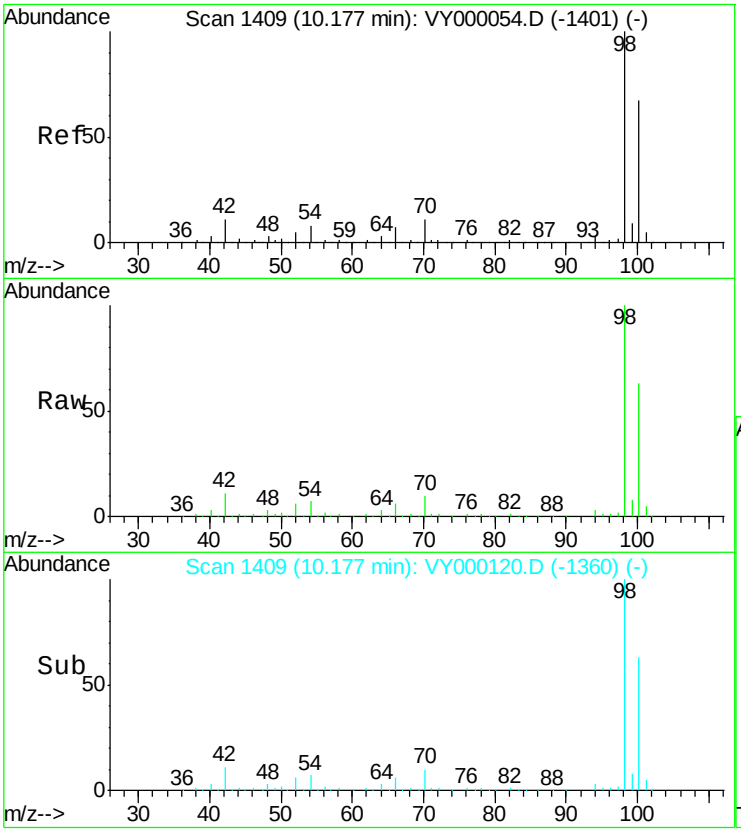


#49
1,4-Dioxane
Concen: 2.180 ug/l
RT: 9.37 min Scan# 1277
Delta R.T. 0.07 min
Lab File: VY000120.D
Acq: 20 Sep 2019 19:57

Tgt Ion: 88 Resp: 27

Ion	Ratio	Lower	Upper
88	100		
43	0.0	18.7	28.1#
58	0.0	53.0	79.6#



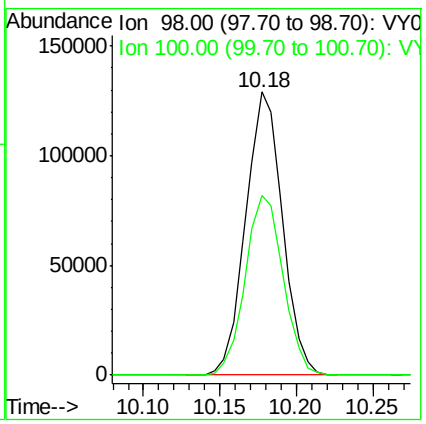


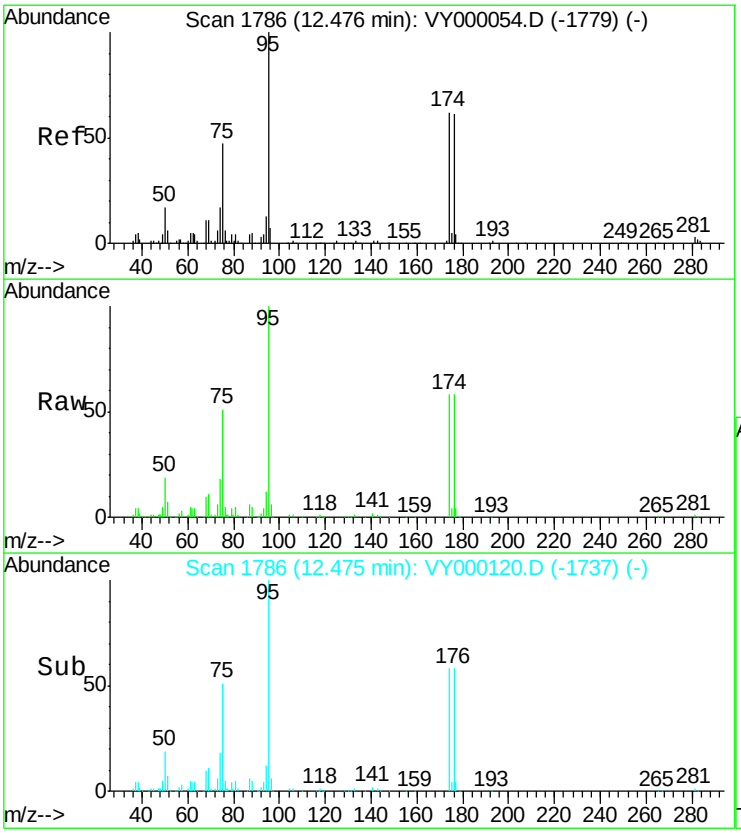
#50
Toluene-d8
Concen: 49.763 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000120.D
Acq: 20 Sep 2019 19:57

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 216008

Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.1	79.7

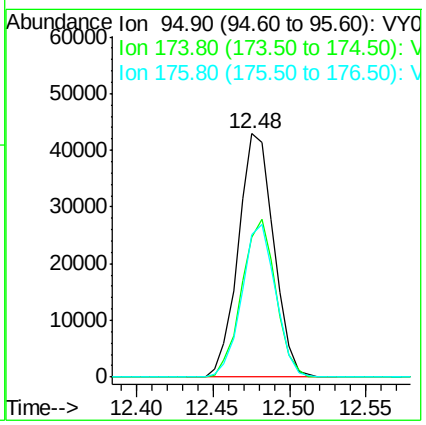


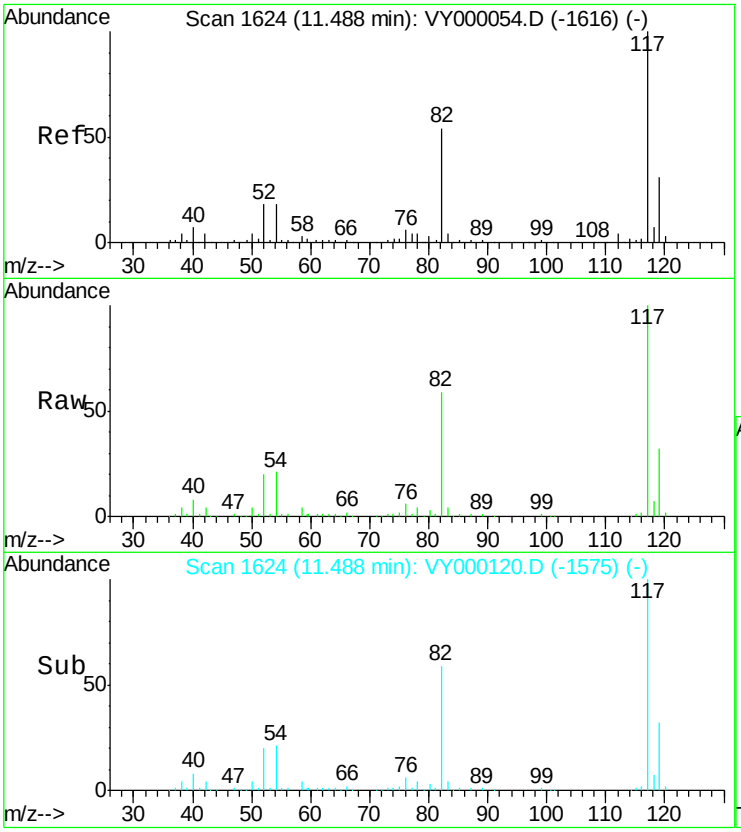


#62
4-Bromofluorobenzene
Concen: 42.768 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.00 min
Lab File: VY000120.D
Acq: 20 Sep 2019 19:57

Tgt Ion: 95 Resp: 68926

Ion	Ratio	Lower	Upper
95	100		
174	62.0	0.0	137.2
176	60.0	0.0	135.0



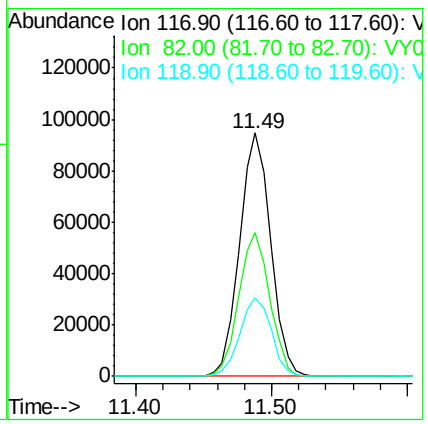


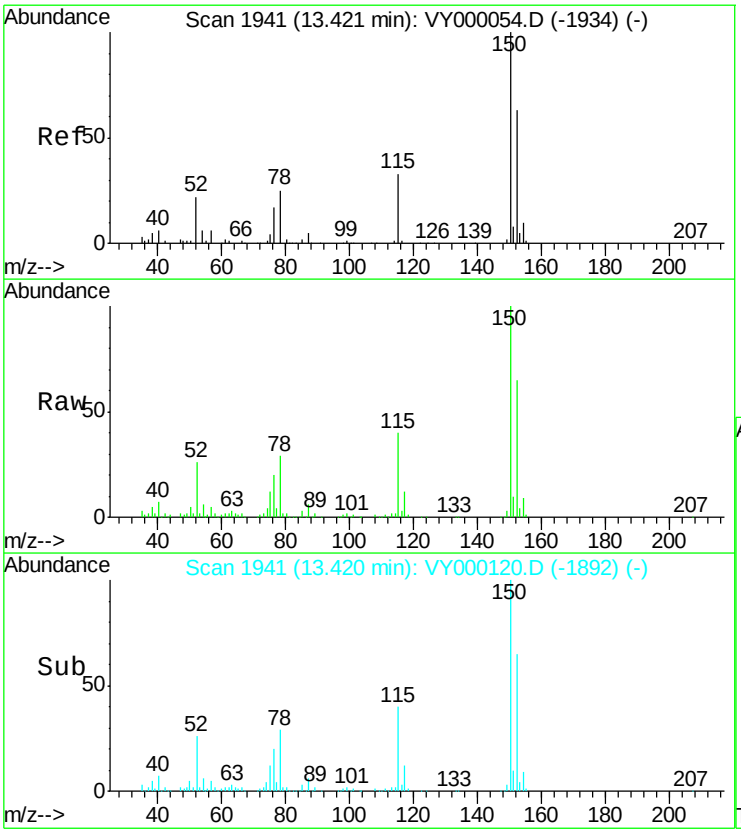
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000120.D
Acq: 20 Sep 2019 19:57

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 151298

Ion	Ratio	Lower	Upper
117	100		
82	58.9	43.5	65.3
119	32.2	24.6	36.8

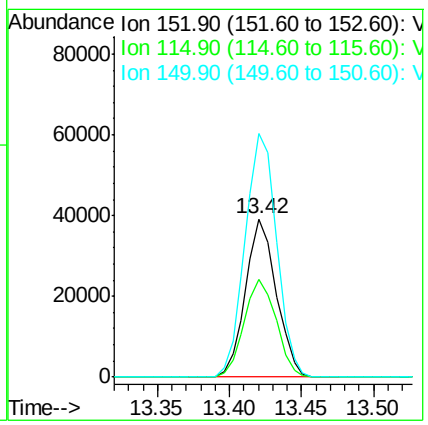


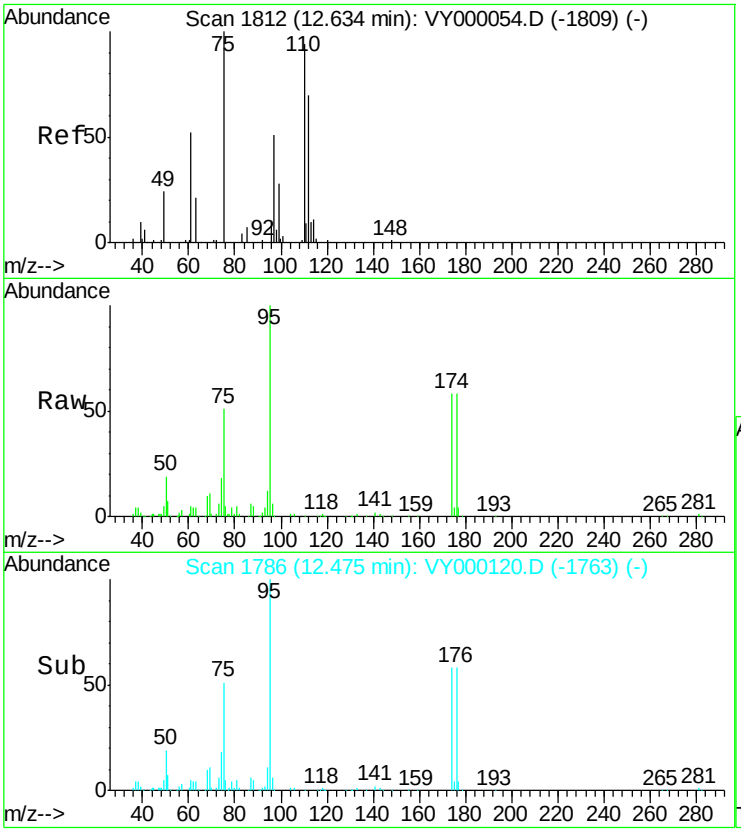


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000120.D
Acq: 20 Sep 2019 19:57

Tgt Ion:152 Resp: 58079

Ion	Ratio	Lower	Upper
152	100		
115	63.9	30.7	92.1
150	157.7	0.0	351.6



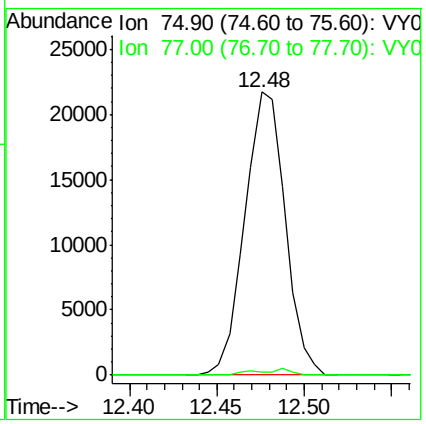


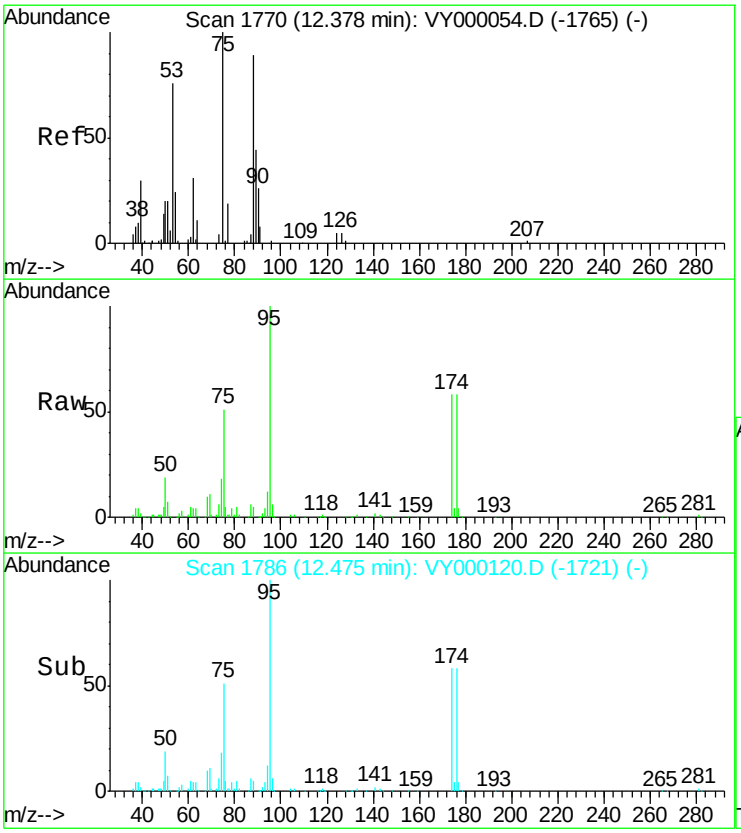
#76
1,2,3-Trichloropropane
Concen: 43.061 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.16 min
Lab File: VY000120.D
Acq: 20 Sep 2019 19:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 35188

Ion	Ratio	Lower	Upper
75	100		
77	2.0	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 82.817 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. 0.10 min
Lab File: VY000120.D
Acq: 20 Sep 2019 19:57

Tgt Ion: 75 Resp: 35188

Ion	Ratio	Lower	Upper
75	100		
53	0.0	60.9	91.3#
89	0.3	35.3	52.9#