Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY092019\
Data File : VY000112.D
Acq On : 20 Sep 2019 16:51
Operator : SY/MD
Sample : K4878-28RE
Misc : 4.55g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Sep 20 23:48:54 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	84826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	175544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	128652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	30555	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	54863	56.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.44%			
35) Dibromofluoromethane	7.72	113	51636	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.16%			
50) Toluene-d8	10.18	98	209223	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.24%			
62) 4-Bromofluorobenzene	12.48	95	47284	30.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 61.02%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	31	Below Cal	#	42
3) Chloromethane	2.11	50	1846	Below Cal	#	58
5) Bromomethane	2.57	94	42	Below Cal	#	6
11) Tert butyl alcohol	4.98	59	127	1.098 ug/l	#	73
13) Acrolein	3.82	56	81	Below Cal	#	13
16) Acetone	3.96	43	466	2.051 ug/l	#	66
17) Carbon Disulfide	4.20	76	7883	1.857 ug/l		96
20) Methylene Chloride	4.71	84	3716	3.476 ug/l	#	83
31) Cyclohexane	7.80	56	2444	Below Cal	#	31
36) 1,1-Dichloropropene	7.79	75	8533	6.501 ug/l	#	49
38) Carbon Tetrachloride	7.79	117	9203	7.429 ug/l	#	15
41) Methacrylonitrile	7.33	41	165	4.530 ug/l	#	1
76) 1,2,3-Trichloropropane	12.48	75	22966	53.421 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.48	75	22966	102.742 ug/l	#	19
92) 1,2-Dibromo-3-Chloropropan	14.53	75	1455	14.098 ug/l	#	27

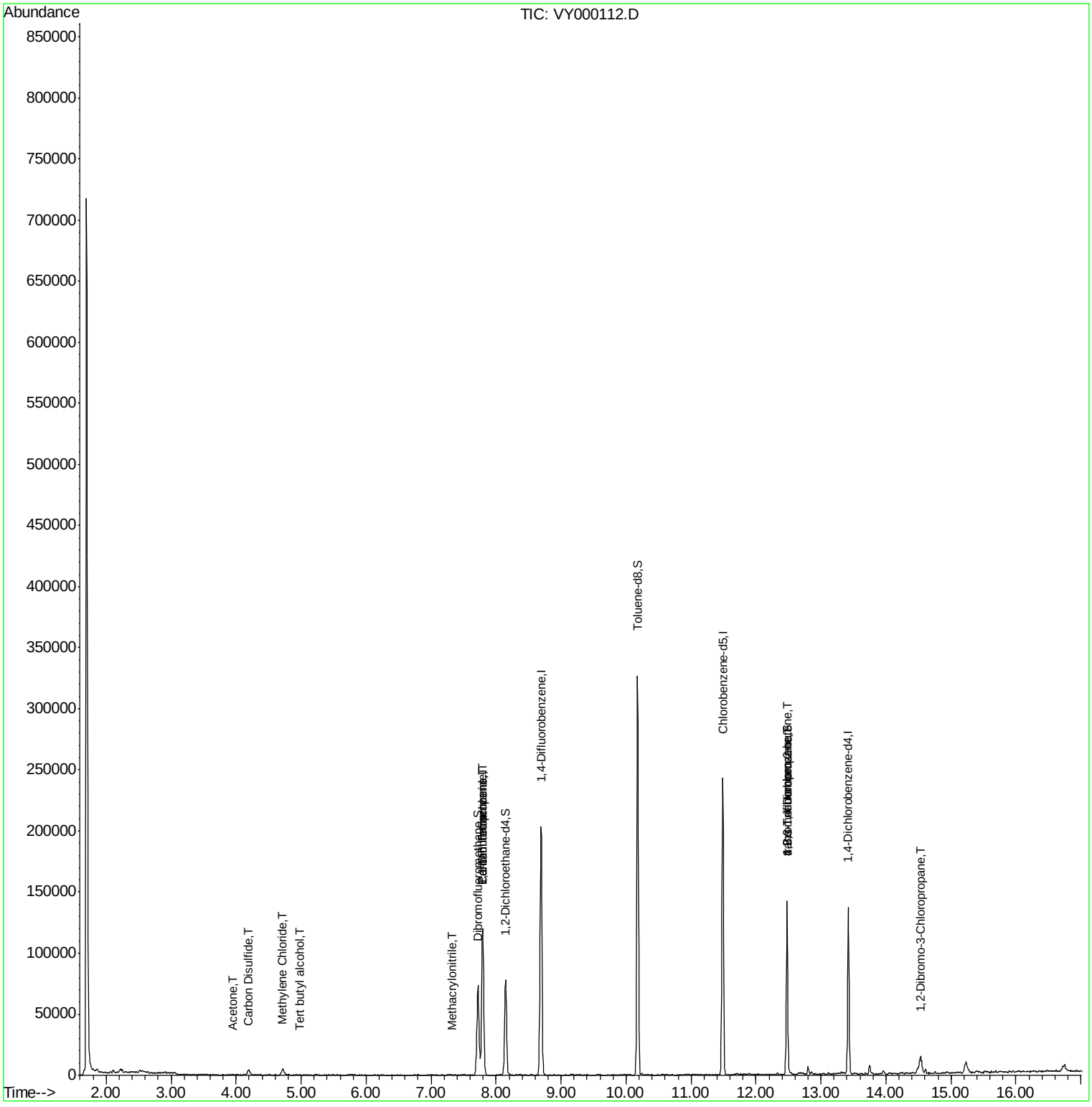
(#) = qualifier out of range (m) = manual integration (+) = signals summed

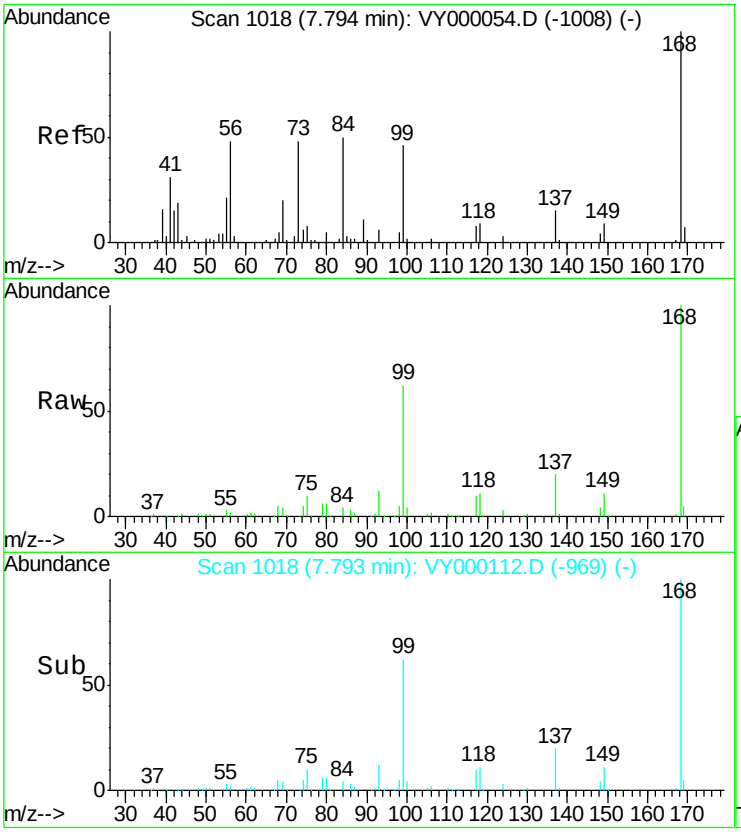
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY092019\
Data File : VY000112.D
Acq On : 20 Sep 2019 16:51
Operator : SY/MD
Sample : K4878-28RE
Misc : 4.55g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 20 23:48:54 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



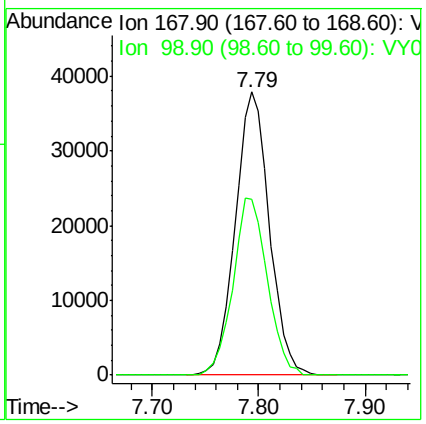


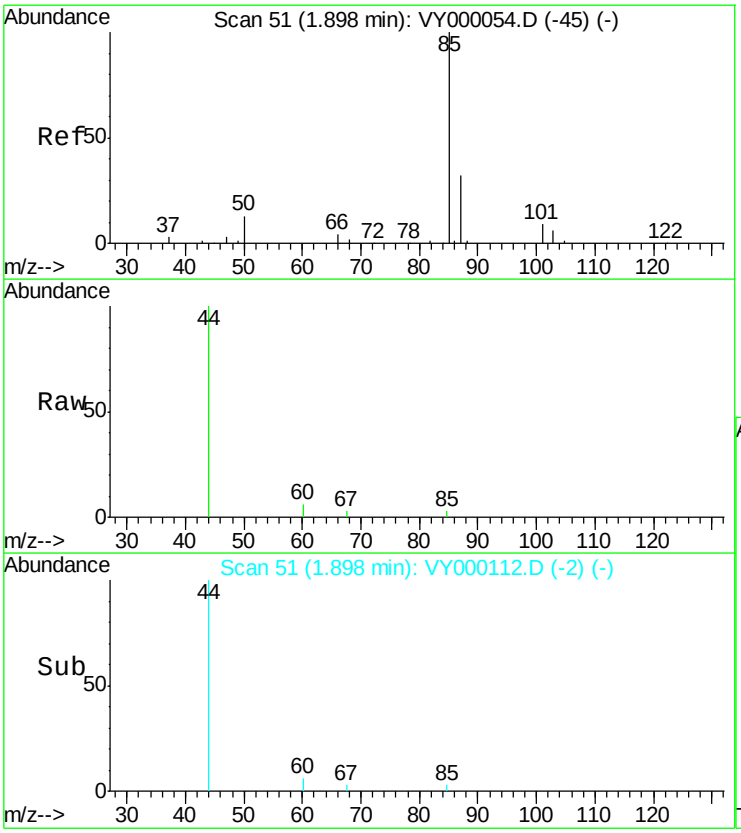
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.79 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VY000112.D
Acq: 20 Sep 2019 16:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 84826

Ion	Ratio	Lower	Upper
168	100		
99	62.0	44.2	66.2

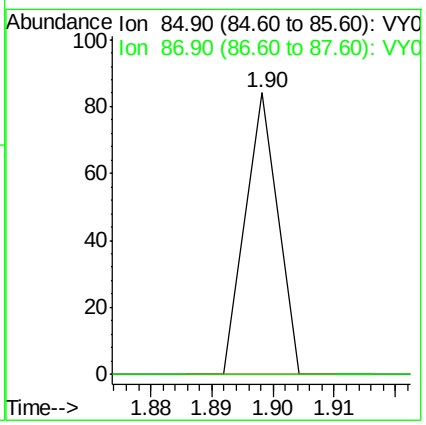


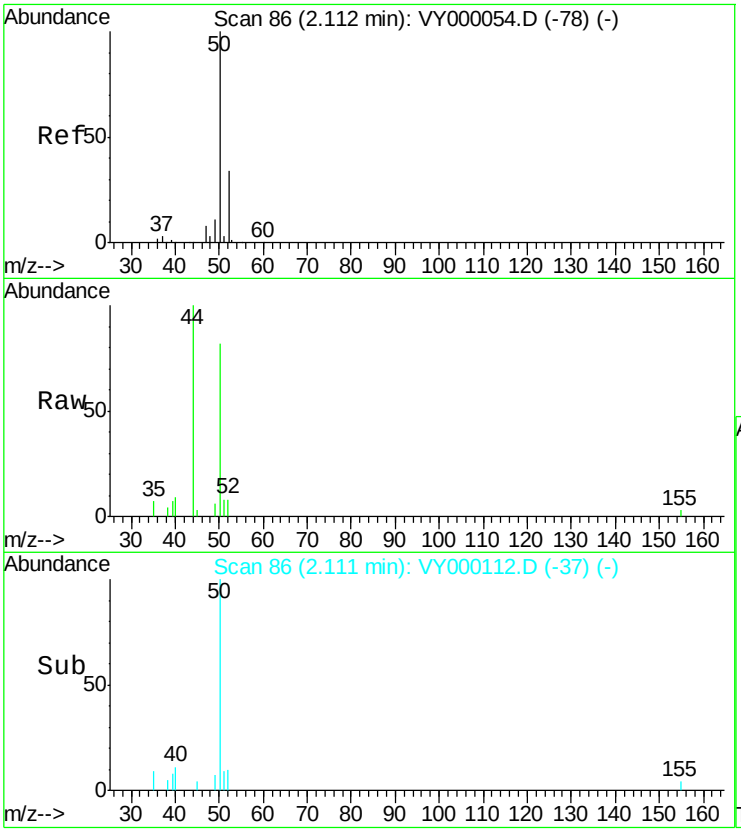


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.90 min Scan# 51
Delta R.T. 0.00 min
Lab File: VY000112.D
Acq: 20 Sep 2019 16:51

Tgt Ion: 85 Resp: 31

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.2	48.5#



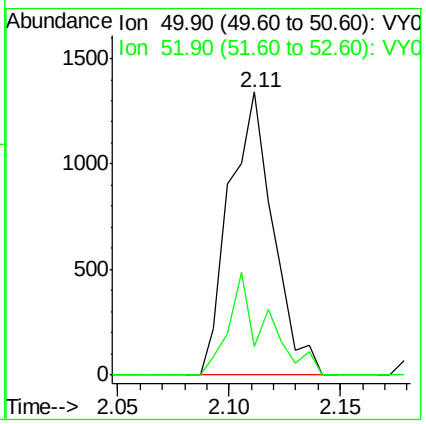


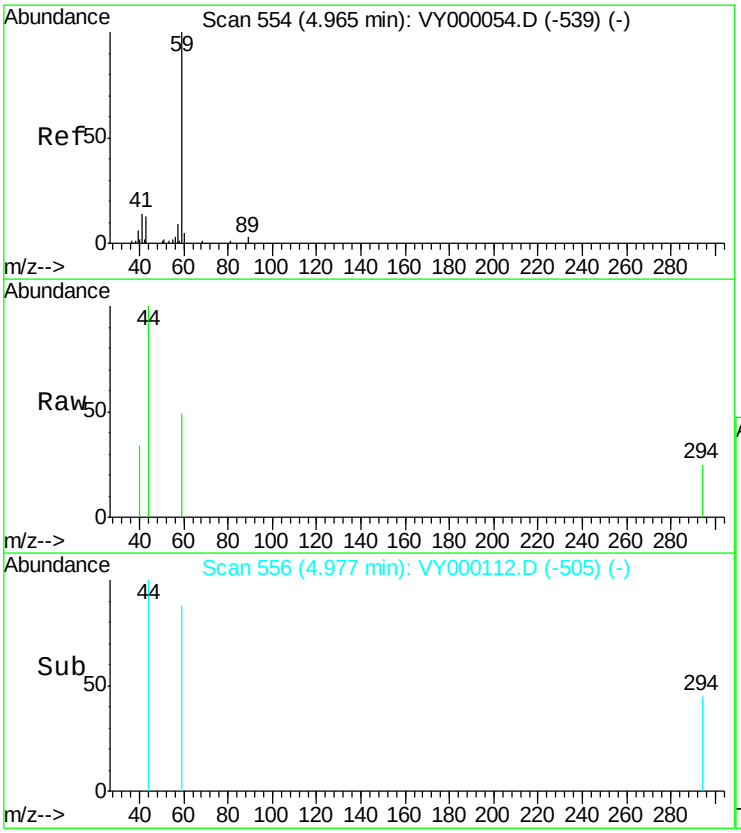
#3
Chloromethane
Concen: Below Cal
RT: 2.11 min Scan# 86
Delta R.T. 0.00 min
Lab File: VY000112.D
Acq: 20 Sep 2019 16:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 1846

Ion	Ratio	Lower	Upper
50	100		
52	10.0	27.3	40.9#

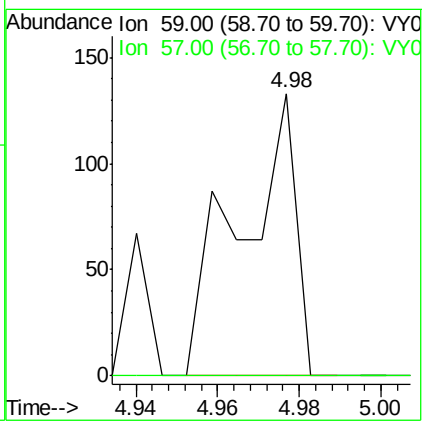


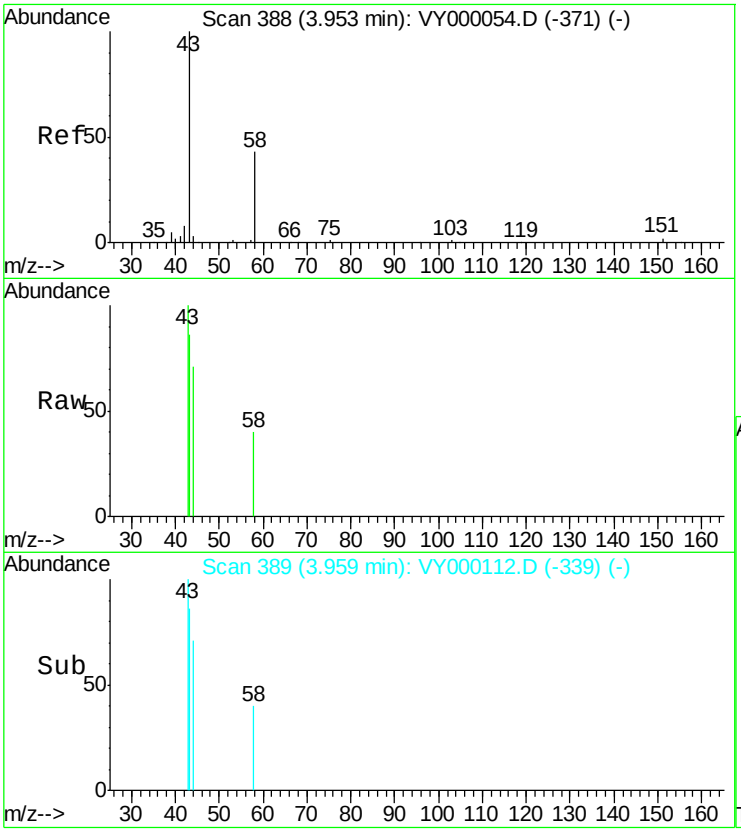


#11
Tert butyl alcohol
Concen: 1.098 ug/l
RT: 4.98 min Scan# 556
Delta R.T. 0.01 min
Lab File: VY000112.D
Acq: 20 Sep 2019 16:51

Tgt Ion: 59 Resp: 127

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0#



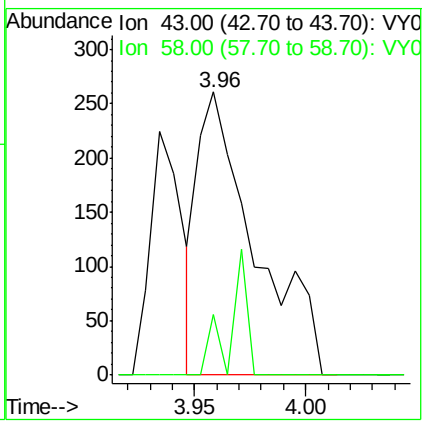


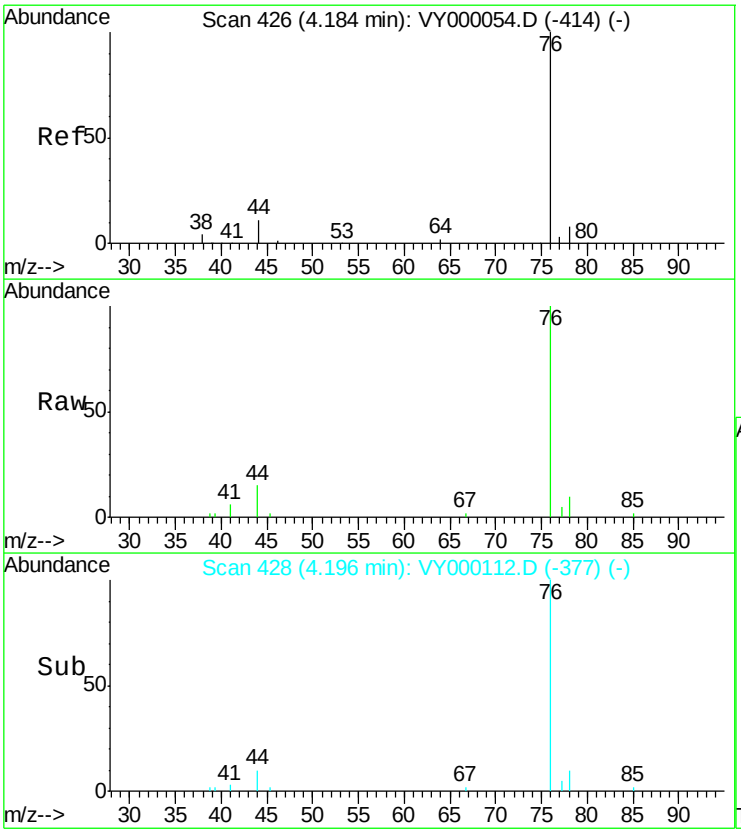
#16
Acetone
Concen: 2.051 ug/l
RT: 3.96 min Scan# 389
Delta R.T. 0.01 min
Lab File: VY000112.D
Acq: 20 Sep 2019 16:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 466

Ion	Ratio	Lower	Upper
43	100		
58	21.5	34.5	51.7#

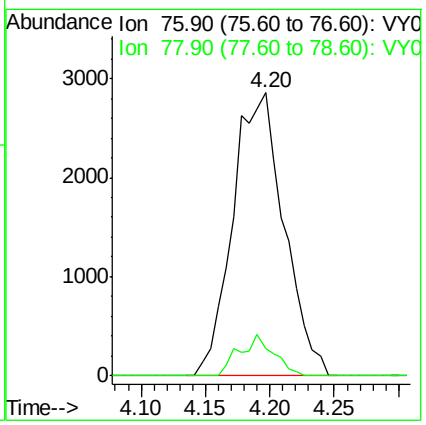


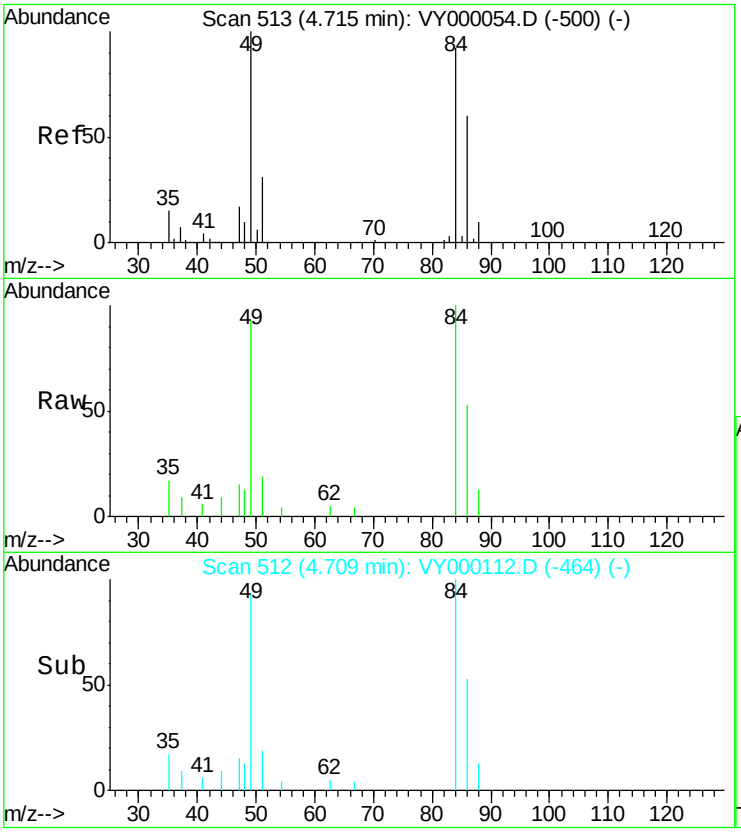


#17
Carbon Disulfide
Concen: 1.857 ug/l
RT: 4.20 min Scan# 428
Delta R.T. 0.01 min
Lab File: VY000112.D
Acq: 20 Sep 2019 16:51

Tgt Ion: 76 Resp: 7883

Ion	Ratio	Lower	Upper
76	100		
78	9.7	6.6	9.8



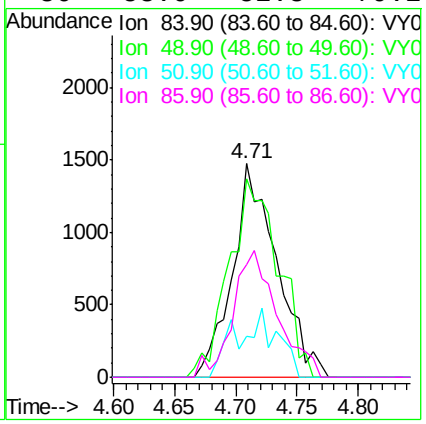


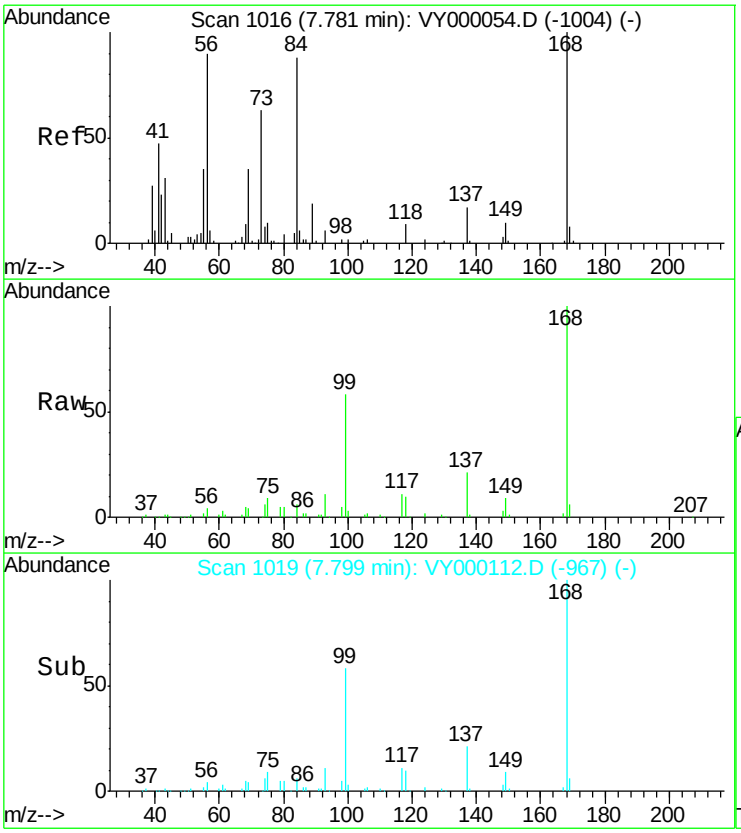
#20
Methylene Chloride
Concen: 3.476 ug/l
RT: 4.71 min Scan# 512
Delta R.T. -0.01 min
Lab File: VY000112.D
Acq: 20 Sep 2019 16:51

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 3716

Ion	Ratio	Lower	Upper
84	100		
49	93.0	87.4	131.0
51	18.9	27.2	40.8#
86	53.0	52.8	79.2

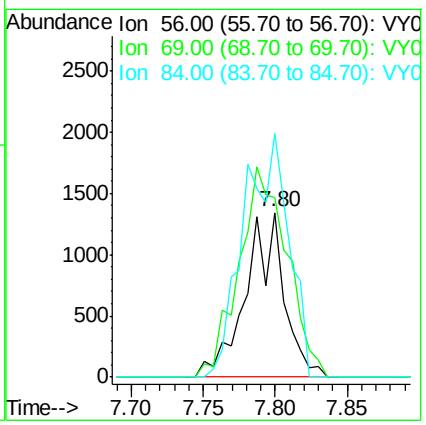


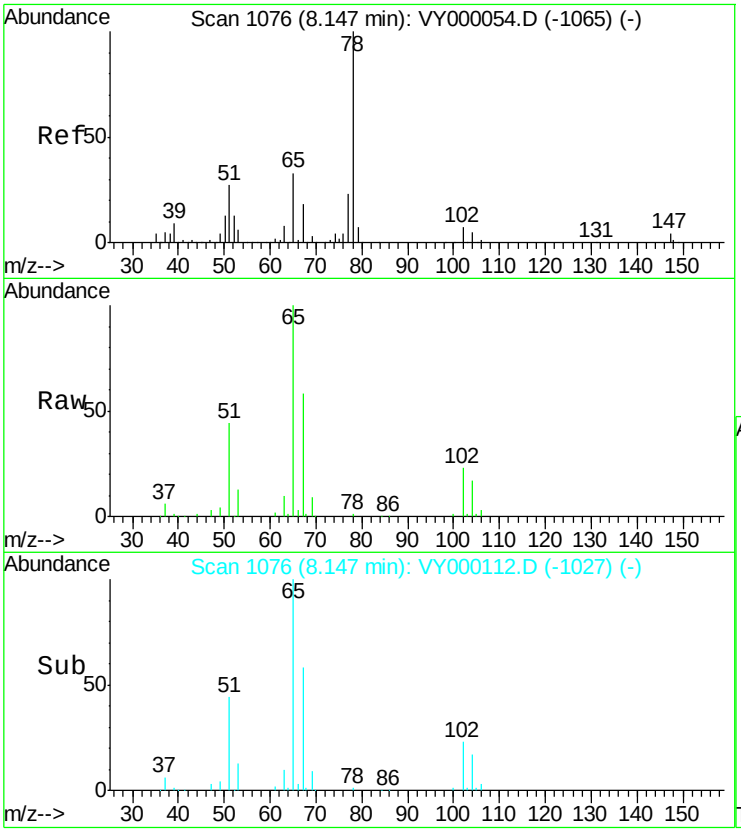


#31
Cyclohexane
Concen: Below Cal
RT: 7.80 min Scan# 1019
Delta R.T. 0.02 min
Lab File: VY000112.D
Acq: 20 Sep 2019 16:51

Tgt Ion: 56 Resp: 2444

Ion	Ratio	Lower	Upper
56	100		
69	108.9	30.9	46.3#
84	147.7	78.5	117.7#



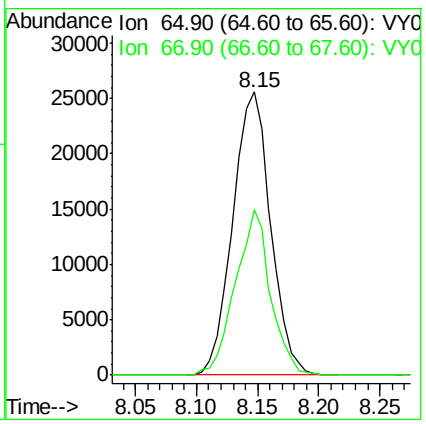


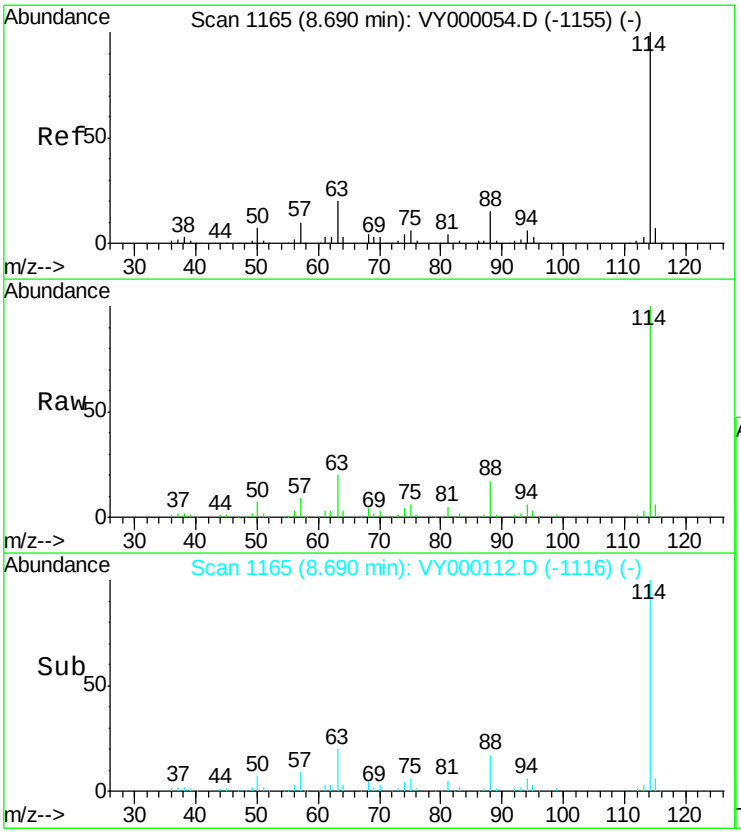
#33
1,2-Dichloroethane-d4
Concen: 56.216 ug/l
RT: 8.15 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VY000112.D
Acq: 20 Sep 2019 16:51

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 54863

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	111.0

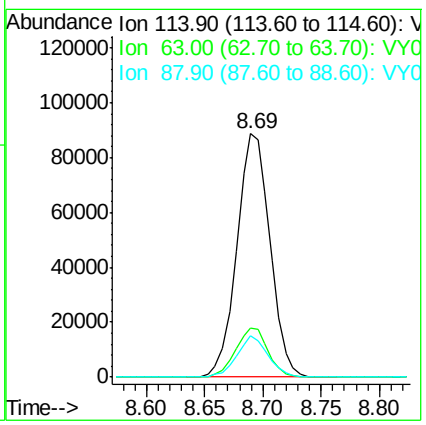


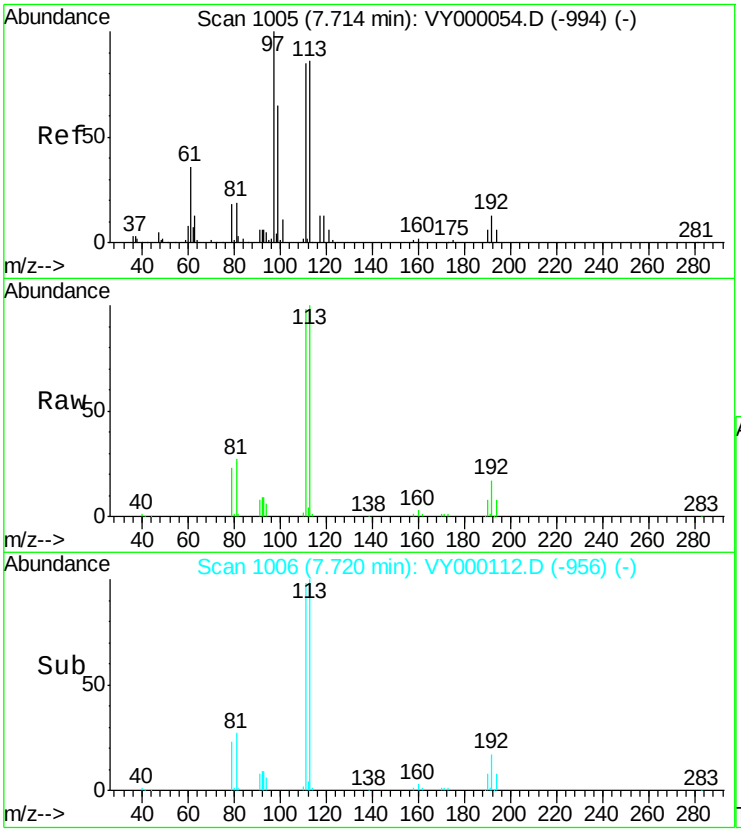


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1165
Delta R.T. -0.00 min
Lab File: VY000112.D
Acq: 20 Sep 2019 16:51

Tgt Ion:114 Resp: 175544

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.4
88	17.0	0.0	30.2



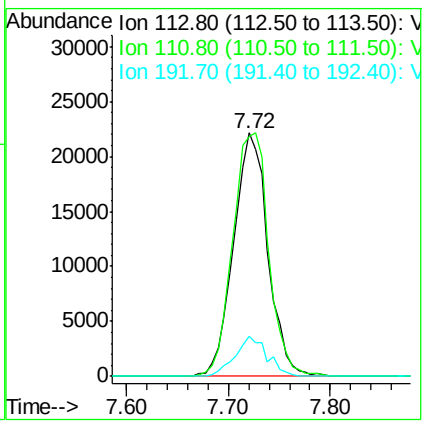


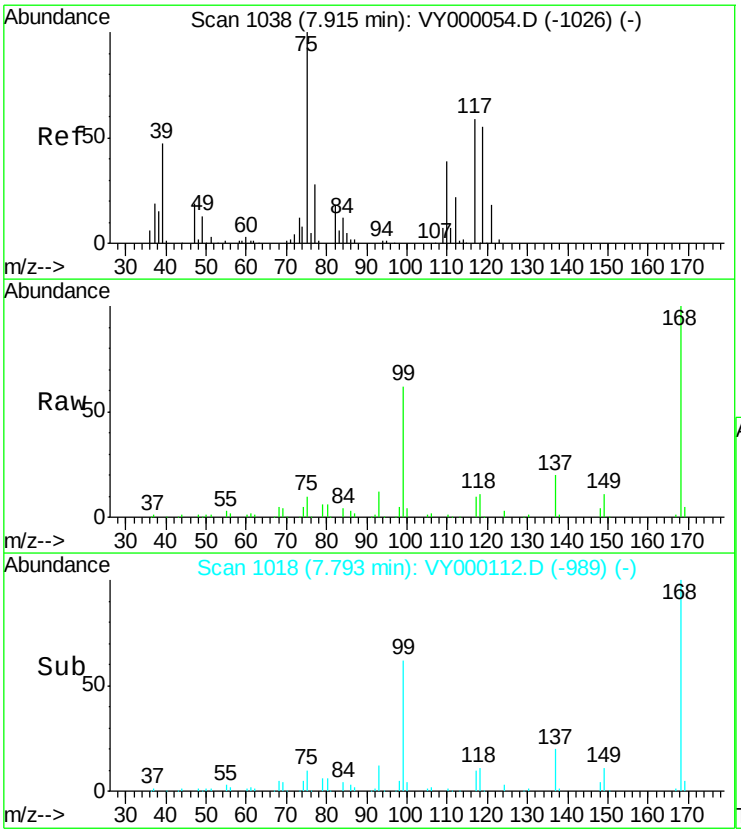
#35
Dibromofluoromethane
Concen: 48.581 ug/l
RT: 7.72 min Scan# 1006
Delta R.T. 0.01 min
Lab File: VY000112.D
Acq: 20 Sep 2019 16:51

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 51636

Ion	Ratio	Lower	Upper
113	100		
111	104.7	81.7	122.5
192	15.4	13.4	20.2

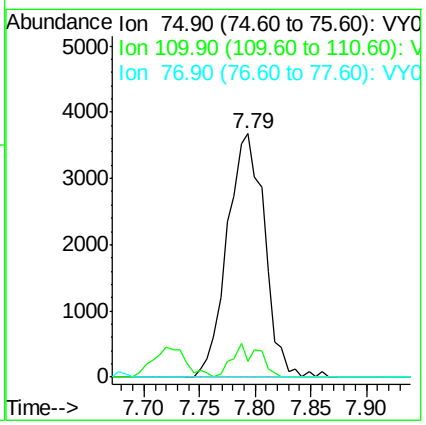


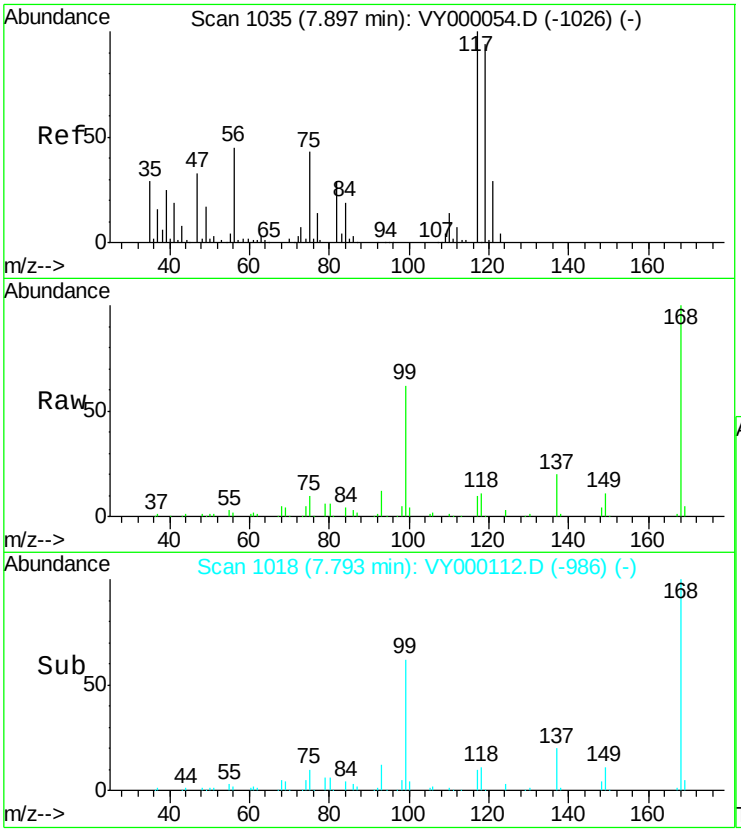


#36
1,1-Dichloropropene
Concen: 6.501 ug/l
RT: 7.79 min Scan# 1018
Delta R.T. -0.12 min
Lab File: VY000112.D
Acq: 20 Sep 2019 16:51

Tgt Ion: 75 Resp: 8533

Ion	Ratio	Lower	Upper
75	100		
110	9.9	19.6	58.7#
77	0.0	24.3	36.5#



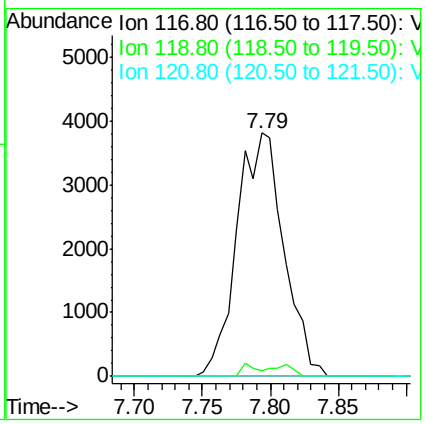


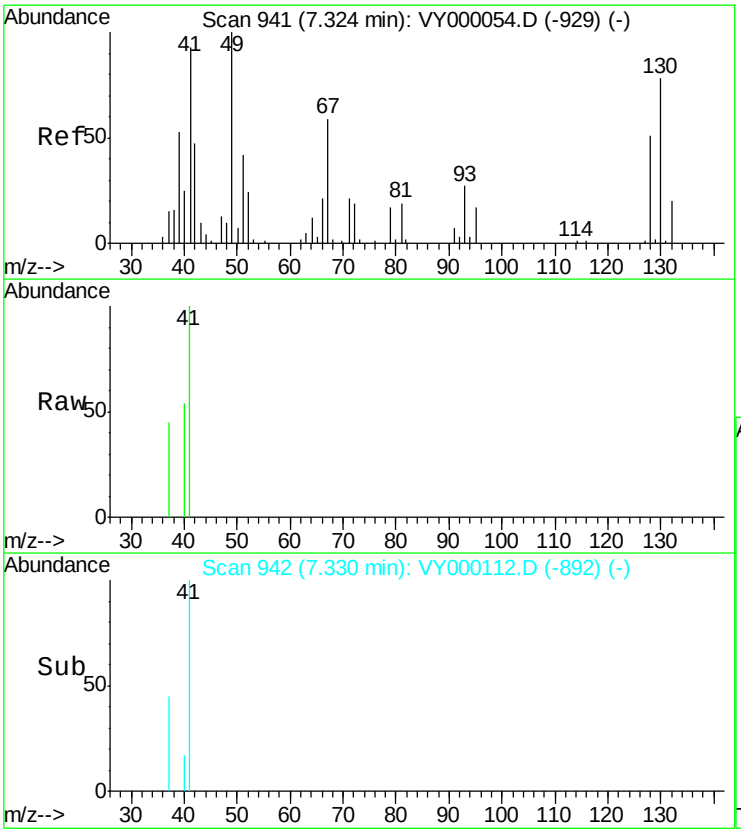
#38
Carbon Tetrachloride
Concen: 7.429 ug/l
RT: 7.79 min Scan# 1018
Delta R.T. -0.10 min
Lab File: VY000112.D
Acq: 20 Sep 2019 16:51

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 9203

Ion	Ratio	Lower	Upper
117	100		
119	2.4	75.0	112.6#
121	0.0	22.8	34.2#

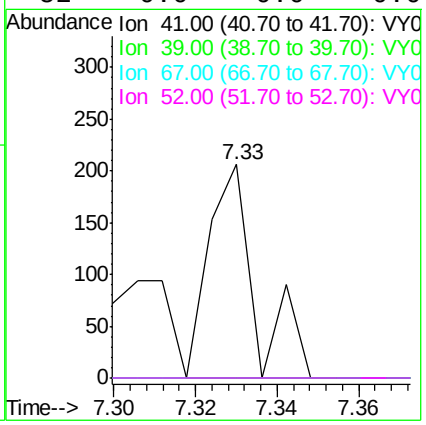


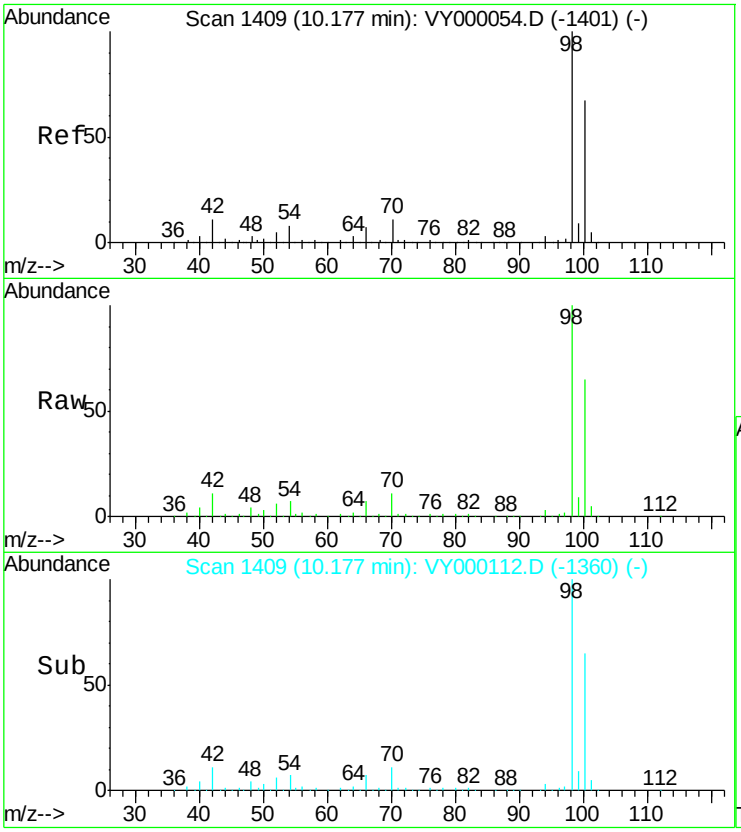


#41
Methacrylonitrile
Concen: 4.530 ug/l
RT: 7.33 min Scan# 942
Delta R.T. 0.01 min
Lab File: VY000112.D
Acq: 20 Sep 2019 16:51

Tgt Ion: 41 Resp: 165

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



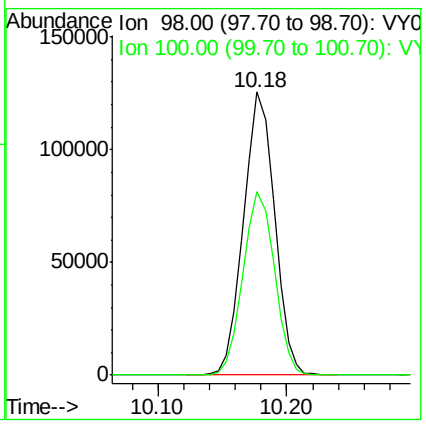


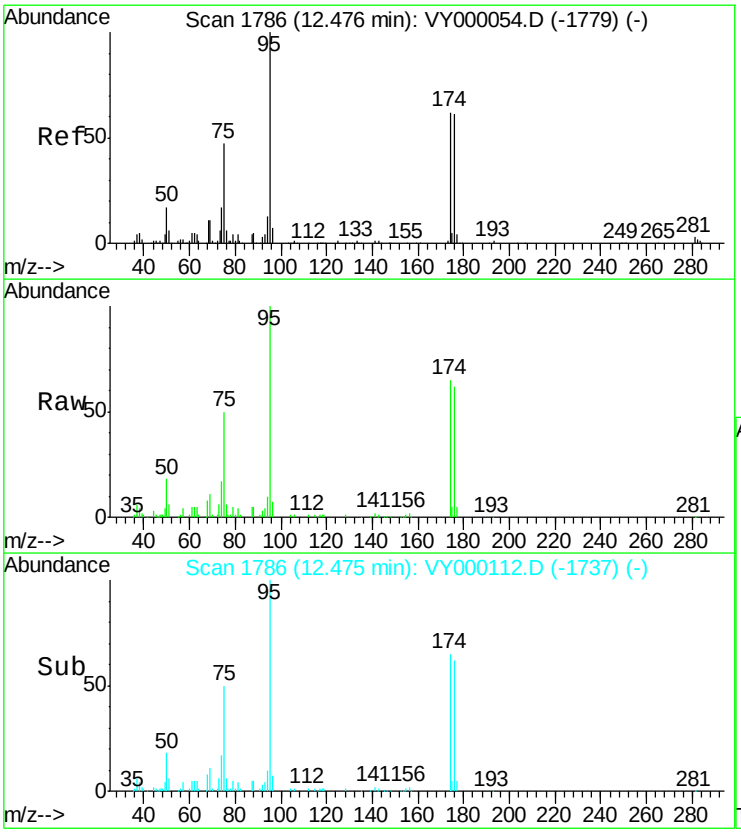
#50
Toluene-d8
Concen: 50.118 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000112.D
Acq: 20 Sep 2019 16:51

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 209223

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.1	79.7

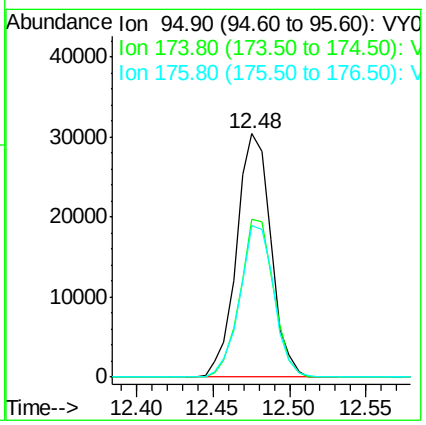


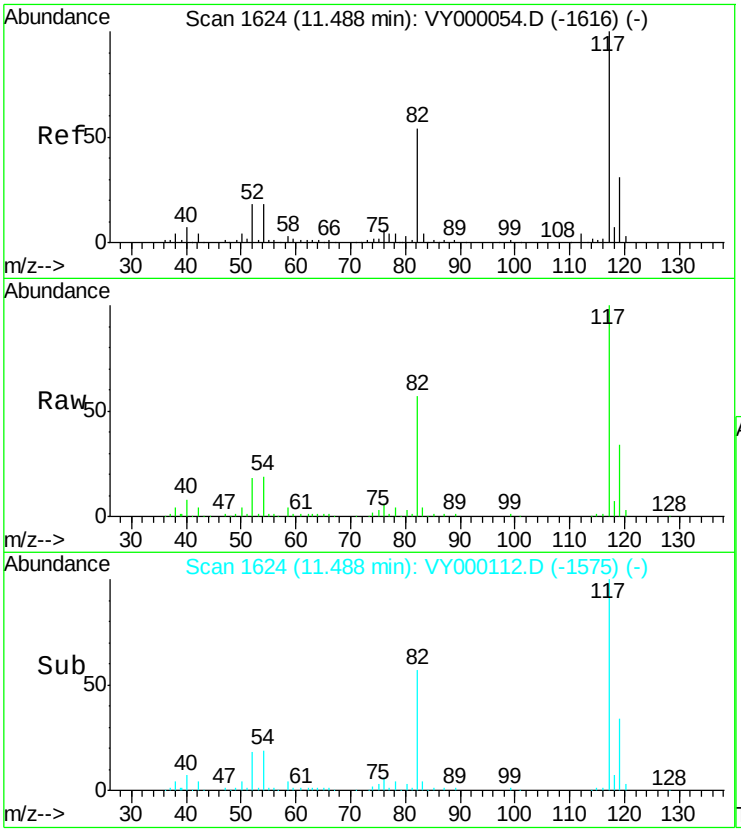


#62
4-Bromofluorobenzene
Concen: 30.507 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.00 min
Lab File: VY000112.D
Acq: 20 Sep 2019 16:51

Tgt Ion: 95 Resp: 47284

Ion	Ratio	Lower	Upper
95	100		
174	63.4	0.0	137.2
176	61.8	0.0	135.0



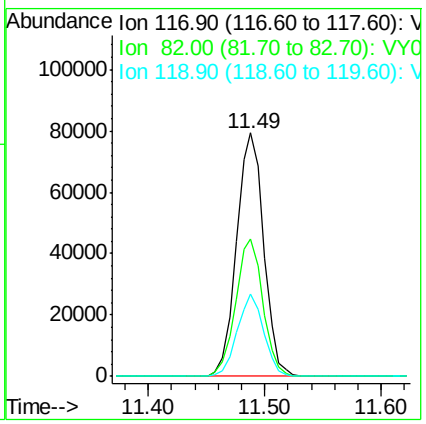


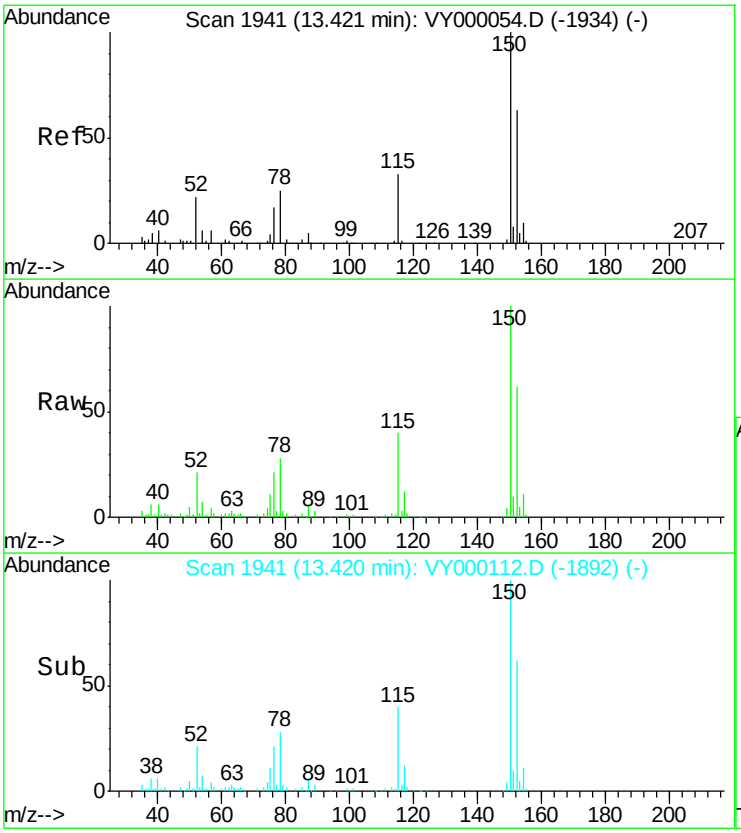
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000112.D
Acq: 20 Sep 2019 16:51

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 128652

Ion	Ratio	Lower	Upper
117	100		
82	56.7	43.5	65.3
119	33.9	24.6	36.8

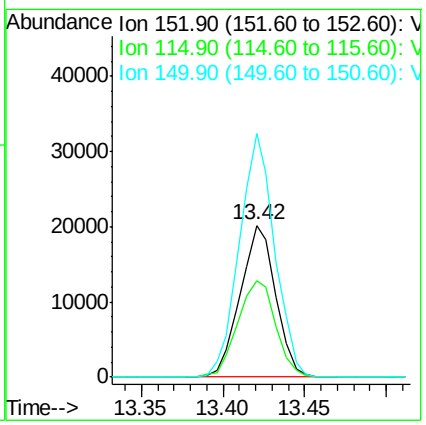


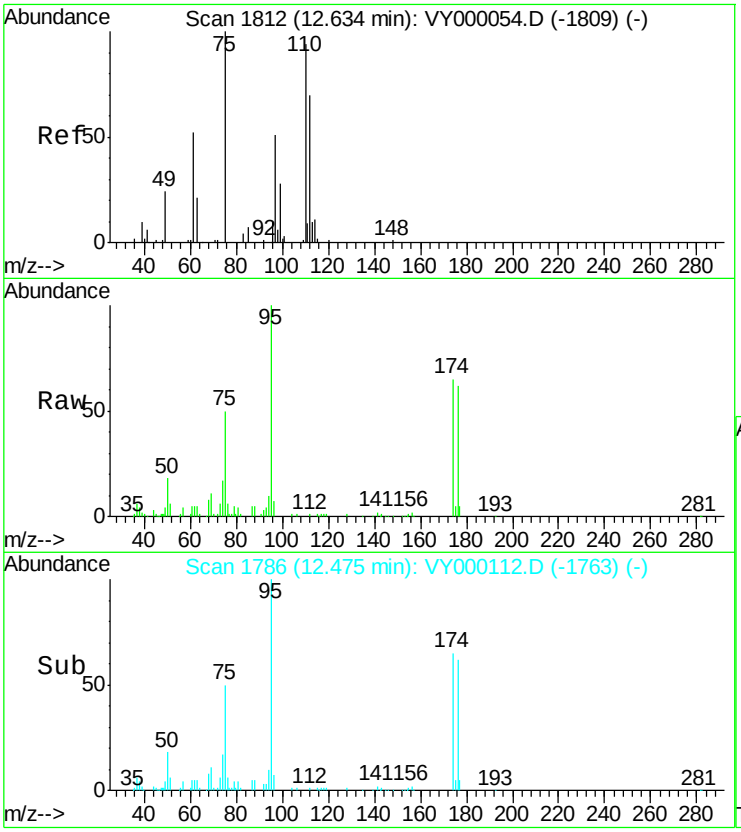


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000112.D
Acq: 20 Sep 2019 16:51

Tgt Ion:152 Resp: 30555

Ion	Ratio	Lower	Upper
152	100		
115	67.8	30.7	92.1
150	159.6	0.0	351.6



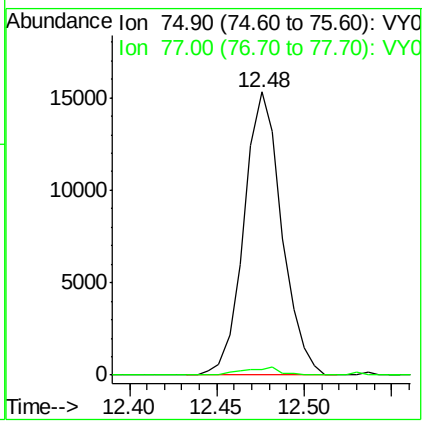


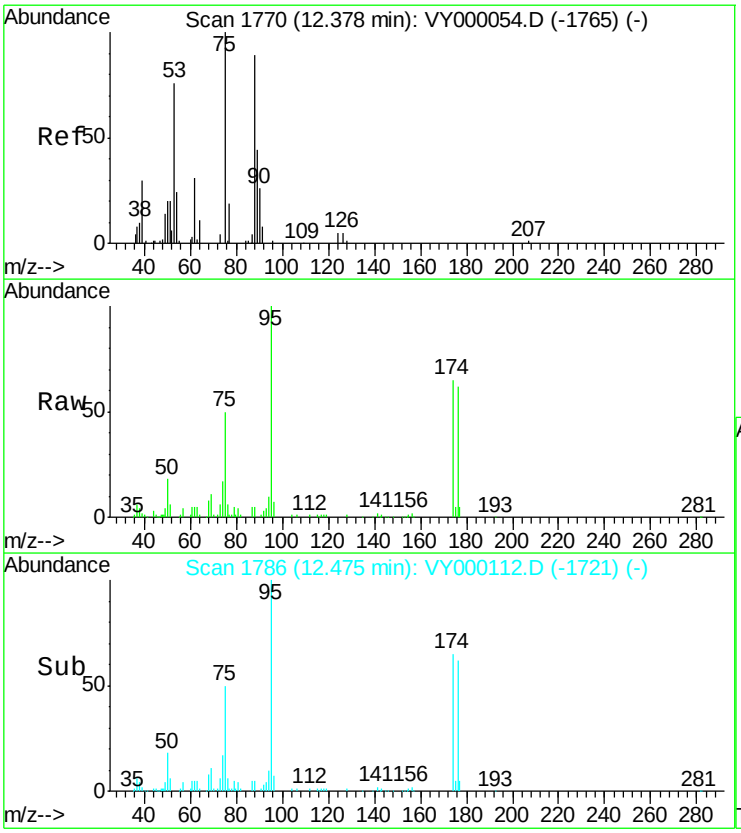
#76
1,2,3-Trichloropropane
Concen: 53.421 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.16 min
Lab File: VY000112.D
Acq: 20 Sep 2019 16:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 22966

Ion	Ratio	Lower	Upper
75	100		
77	2.7	0.0	0.0#

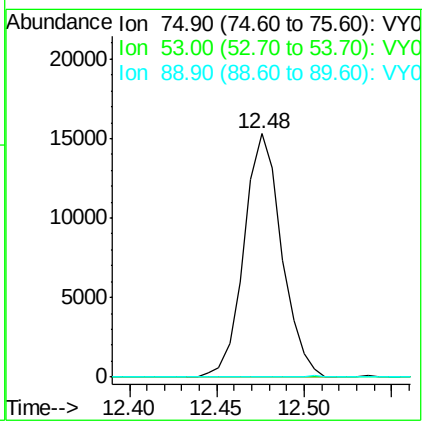


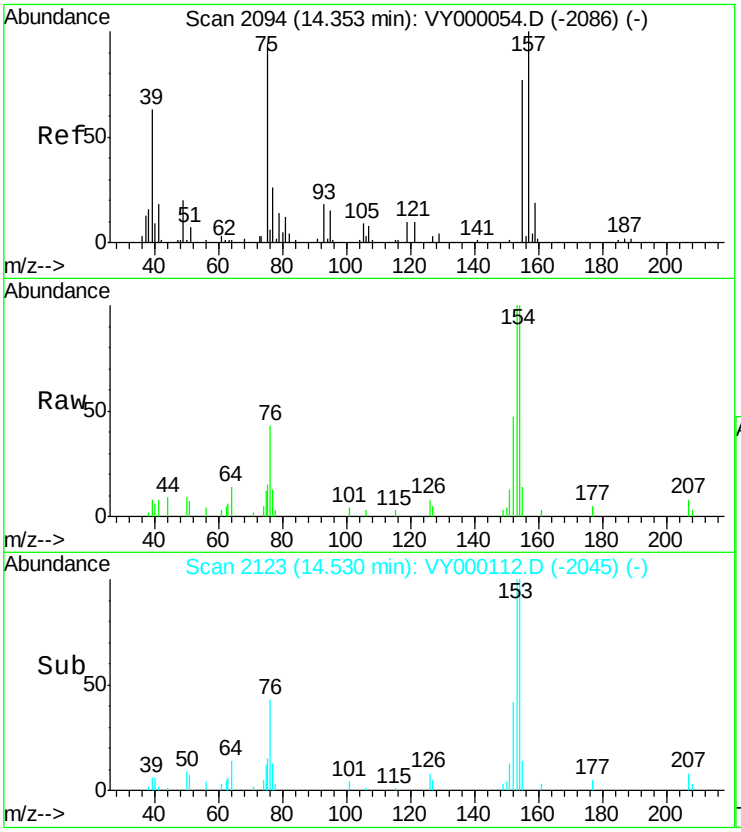


#81
trans-1,4-Dichloro-2-butene
Concen: 102.742 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. 0.10 min
Lab File: VY000112.D
Acq: 20 Sep 2019 16:51

Tgt Ion: 75 Resp: 22966

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





#92
1,2-Dibromo-3-Chloropropane
Concen: 14.098 ug/l
RT: 14.53 min Scan# 2123
Delta R.T. 0.18 min
Lab File: VY000112.D
Acq: 20 Sep 2019 16:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 1455

Ion	Ratio	Lower	Upper
75	100		
155	50.7	40.6	121.7
157	0.0	52.9	158.8#