Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY092019\
Data File : VY000122.D
Acq On : 20 Sep 2019 20:44
Operator : SY/MD
Sample : K4938-07
Misc : 5.07g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Sep 20 23:50:59 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	80249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	178132	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	153941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	57023	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	53409	57.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.70%			
35) Dibromofluoromethane	7.73	113	48748	45.20	ug/l	0.01
Spiked Amount 50.000			Recovery = 90.40%			
50) Toluene-d8	10.18	98	208689	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.52%			
62) 4-Bromofluorobenzene	12.48	95	69224	44.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.02%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	88	Below Cal	#	42
3) Chloromethane	2.11	50	1432	Below Cal	#	70
5) Bromomethane	2.52	94	21	Below Cal	#	6
16) Acetone	3.95	43	506	2.354 ug/l	#	33
20) Methylene Chloride	4.71	84	7209	7.129 ug/l		95
29) Tetrahydrofuran	7.36	42	24130	103.233 ug/l		97
31) Cyclohexane	7.79	56	2322	Below Cal	#	25
36) 1,1-Dichloropropene	7.79	75	8151	6.120 ug/l	#	47
38) Carbon Tetrachloride	7.79	117	8436	6.711 ug/l	#	21
41) Methacrylonitrile	7.35	41	12363	21.175 ug/l	#	37
49) 1,4-Dioxane	9.39	88	42	3.475 ug/l	#	1
76) 1,2,3-Trichloropropane	12.48	75	33434	41.672 ug/l	#	100
77) Bromobenzene	12.66	156	2686	2.799 ug/l	#	1
81) trans-1,4-Dichloro-2-buten	12.48	75	33434	80.146 ug/l	#	19

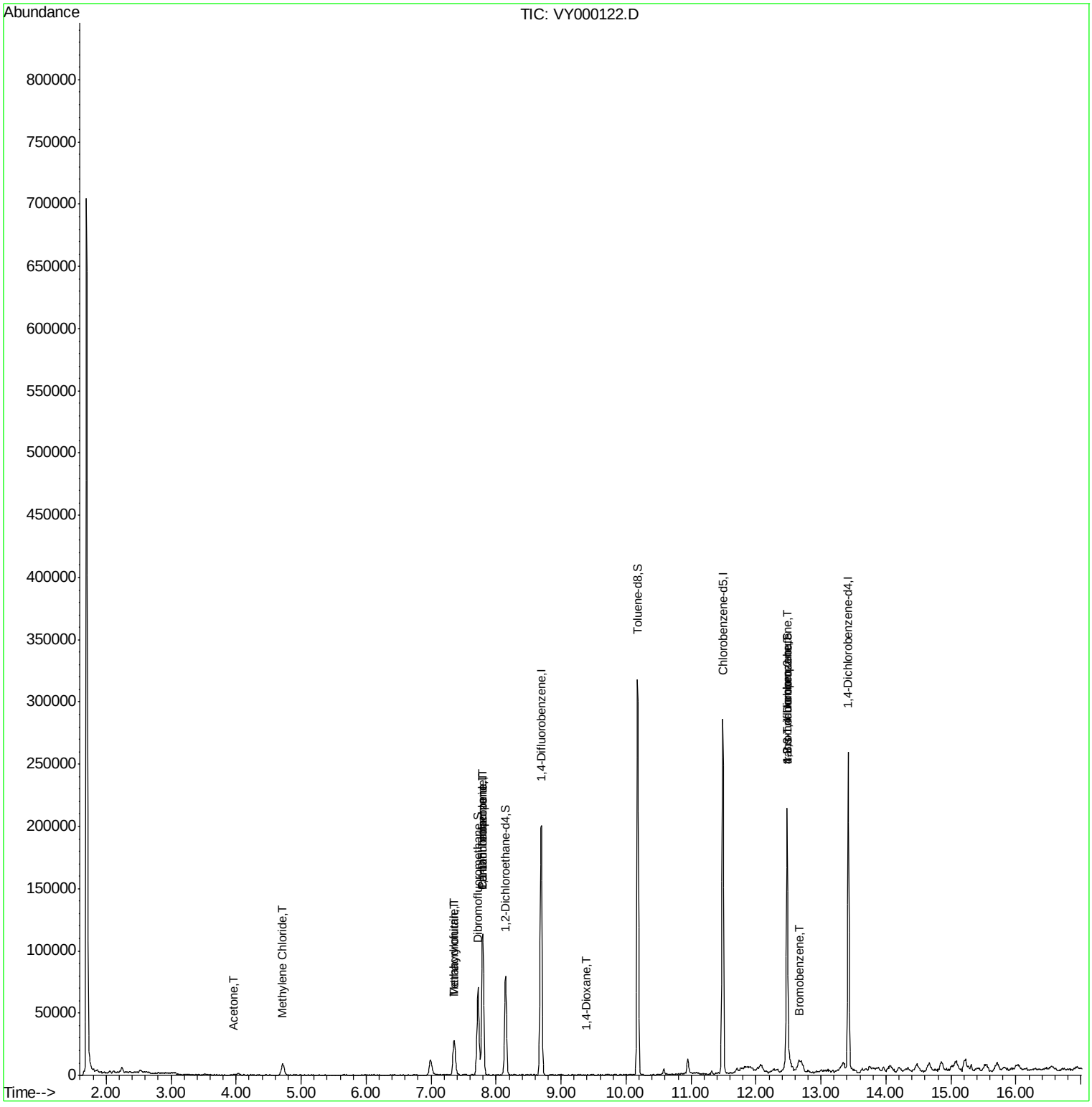
(#) = qualifier out of range (m) = manual integration (+) = signals summed

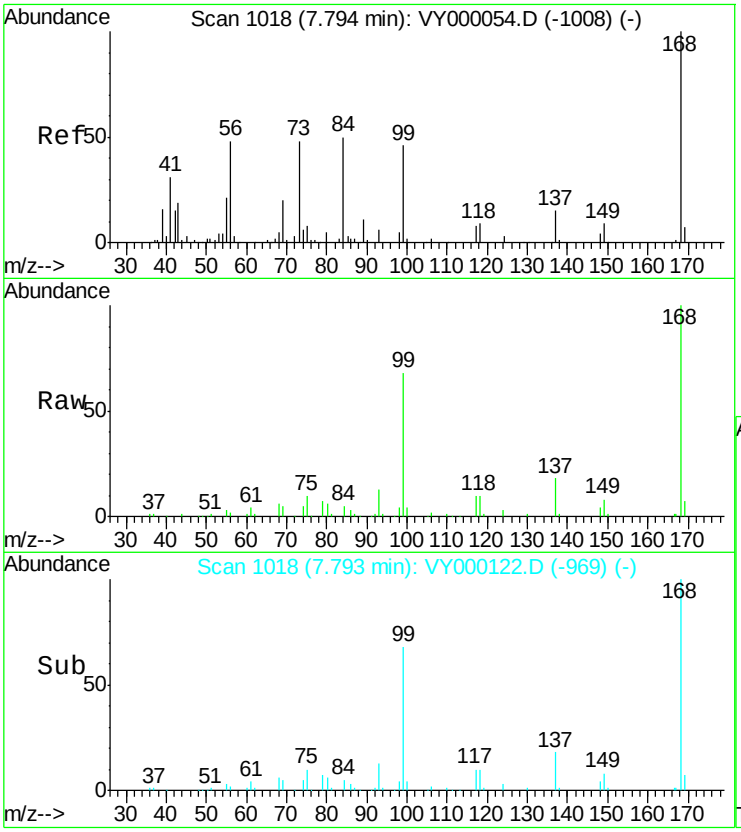
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY092019\
Data File : VY000122.D
Acq On : 20 Sep 2019 20:44
Operator : SY/MD
Sample : K4938-07
Misc : 5.07g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 20 23:50:59 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



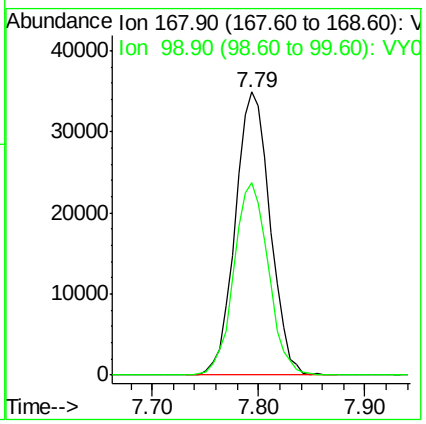


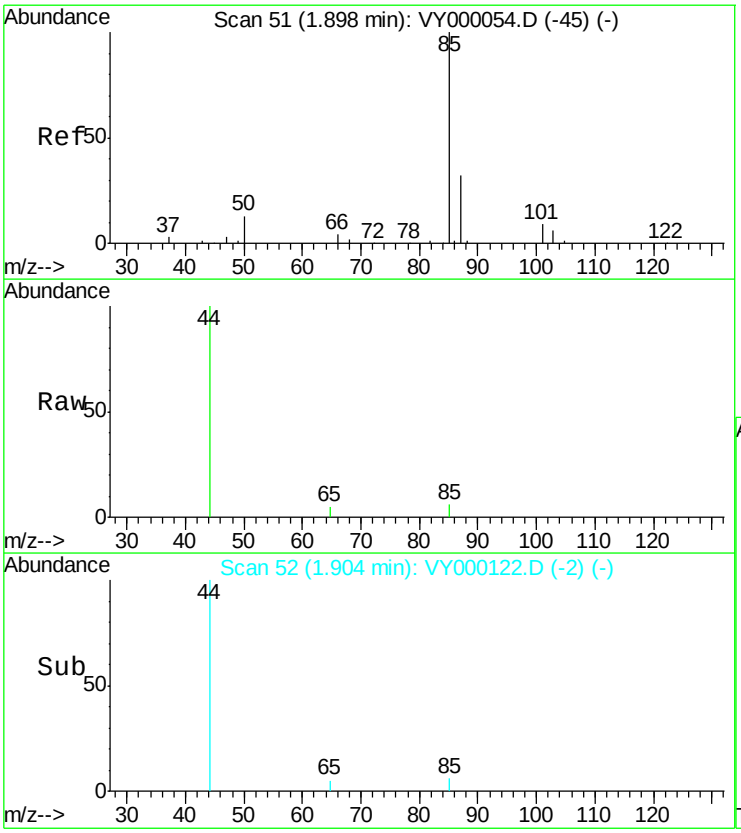
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.79 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VY000122.D
Acq: 20 Sep 2019 20:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 80249

Ion	Ratio	Lower	Upper
168	100		
99	68.2	44.2	66.2#

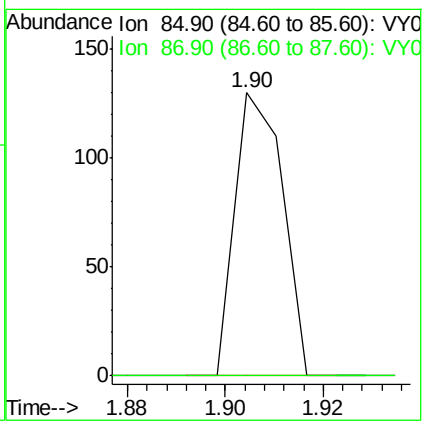


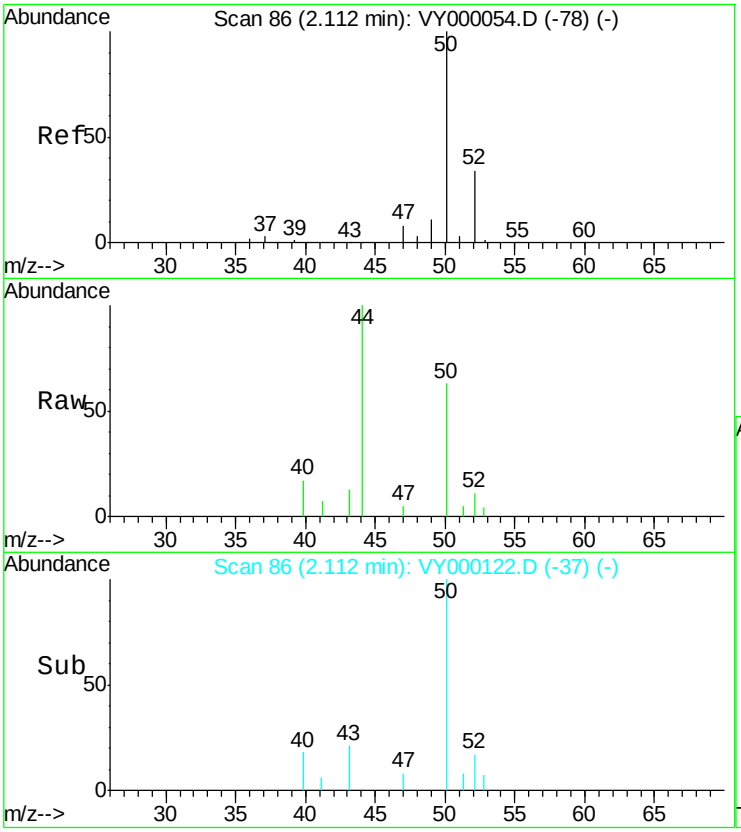


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.90 min Scan# 52
Delta R.T. 0.01 min
Lab File: VY000122.D
Acq: 20 Sep 2019 20:44

Tgt Ion: 85 Resp: 88

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.2	48.5#



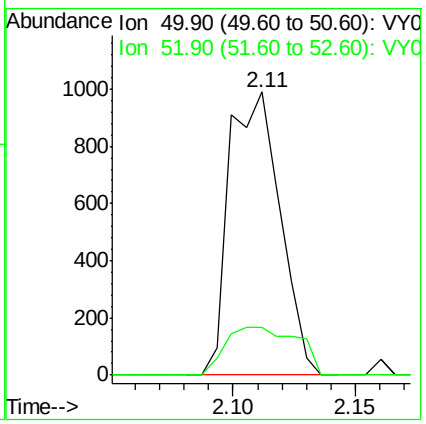


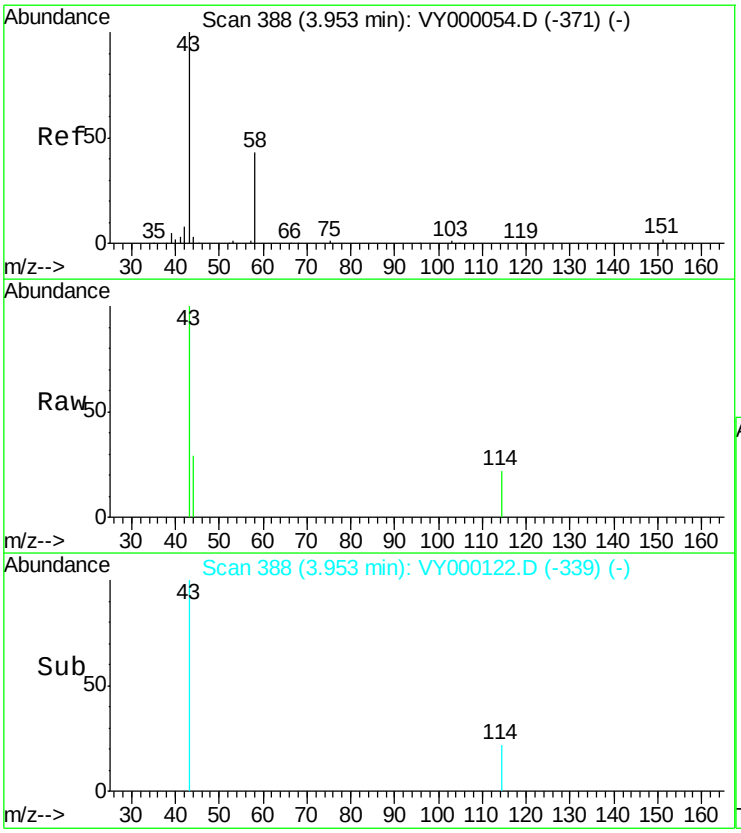
#3
Chloromethane
Concen: Below Cal
RT: 2.11 min Scan# 86
Delta R.T. 0.00 min
Lab File: VY000122.D
Acq: 20 Sep 2019 20:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 1432

Ion	Ratio	Lower	Upper
50	100		
52	16.7	27.3	40.9#

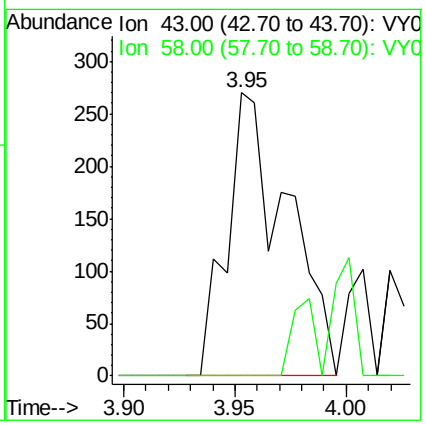


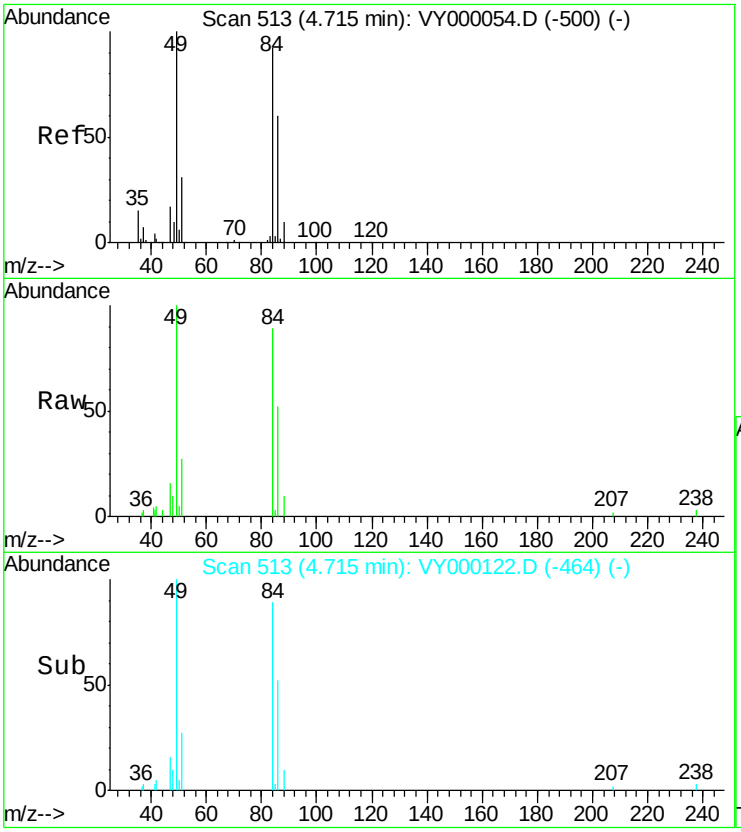


#16
Acetone
Concen: 2.354 ug/l
RT: 3.95 min Scan# 388
Delta R.T. -0.00 min
Lab File: VY000122.D
Acq: 20 Sep 2019 20:44

Tgt Ion: 43 Resp: 506

Ion	Ratio	Lower	Upper
43	100		
58	0.0	34.5	51.7#



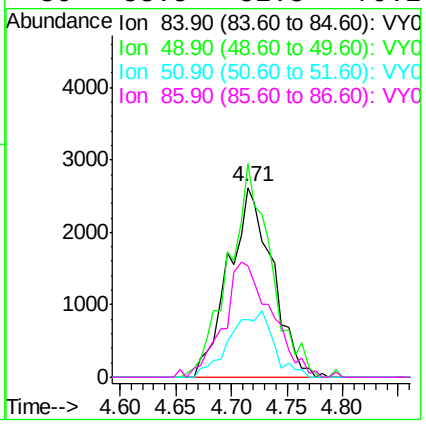


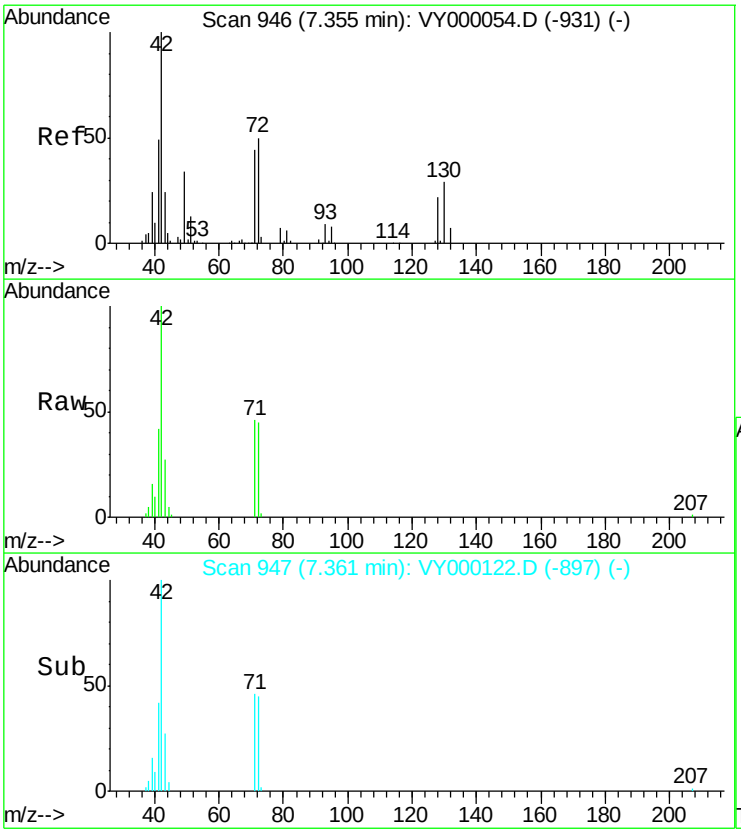
#20
Methylene Chloride
Concen: 7.129 ug/l
RT: 4.71 min Scan# 513
Delta R.T. -0.00 min
Lab File: VY000122.D
Acq: 20 Sep 2019 20:44

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 7209

Ion	Ratio	Lower	Upper
84	100		
49	110.3	87.4	131.0
51	30.2	27.2	40.8
86	58.5	52.8	79.2

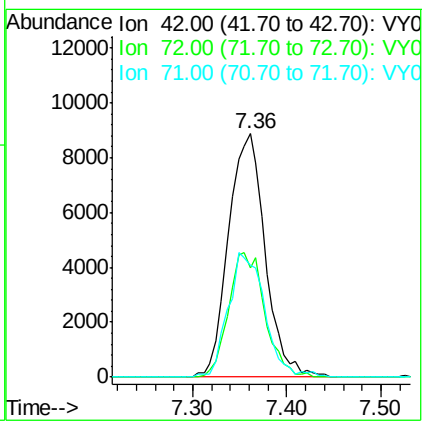


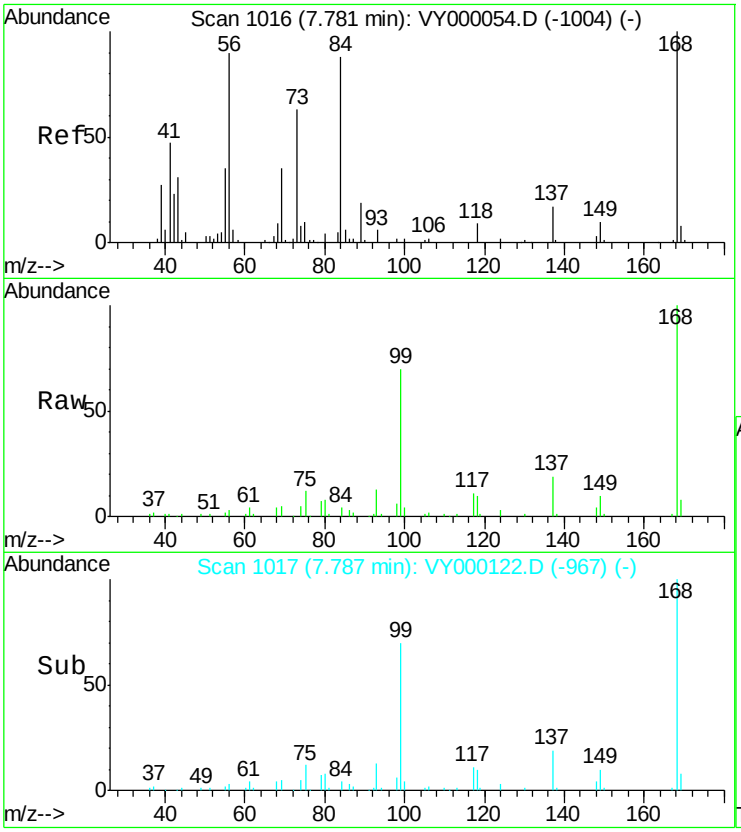


#29
Tetrahydrofuran
Concen: 103.233 ug/l
RT: 7.36 min Scan# 947
Delta R.T. 0.01 min
Lab File: VY000122.D
Acq: 20 Sep 2019 20:44

Tgt Ion: 42 Resp: 24130

Ion	Ratio	Lower	Upper
42	100		
72	50.2	41.8	62.6
71	50.9	38.6	58.0



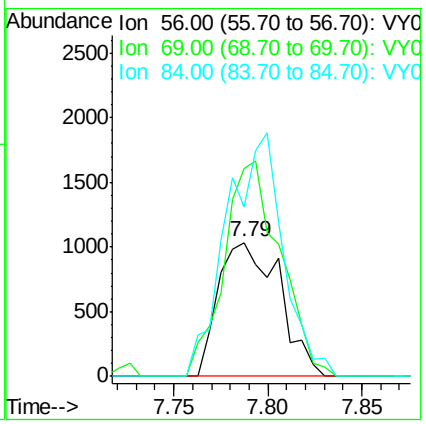


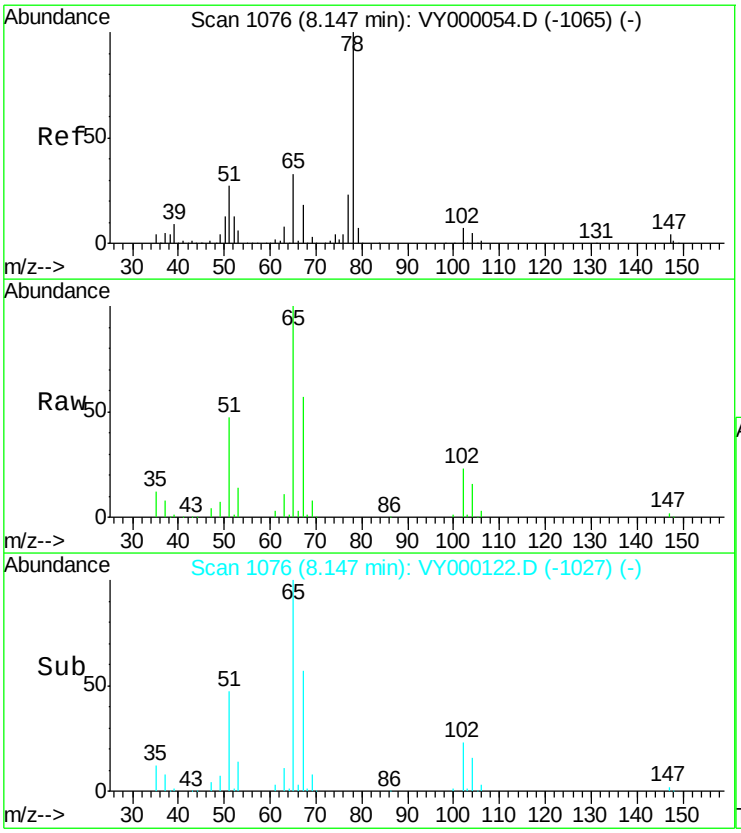
#31
Cyclohexane
Concen: Below Cal
RT: 7.79 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VY000122.D
Acq: 20 Sep 2019 20:44

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 2322

Ion	Ratio	Lower	Upper
56	100		
69	155.0	30.9	46.3#
84	127.0	78.5	117.7#

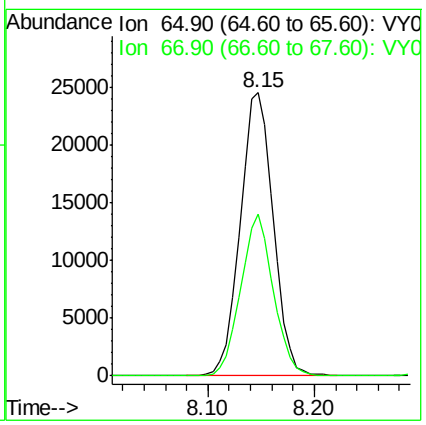


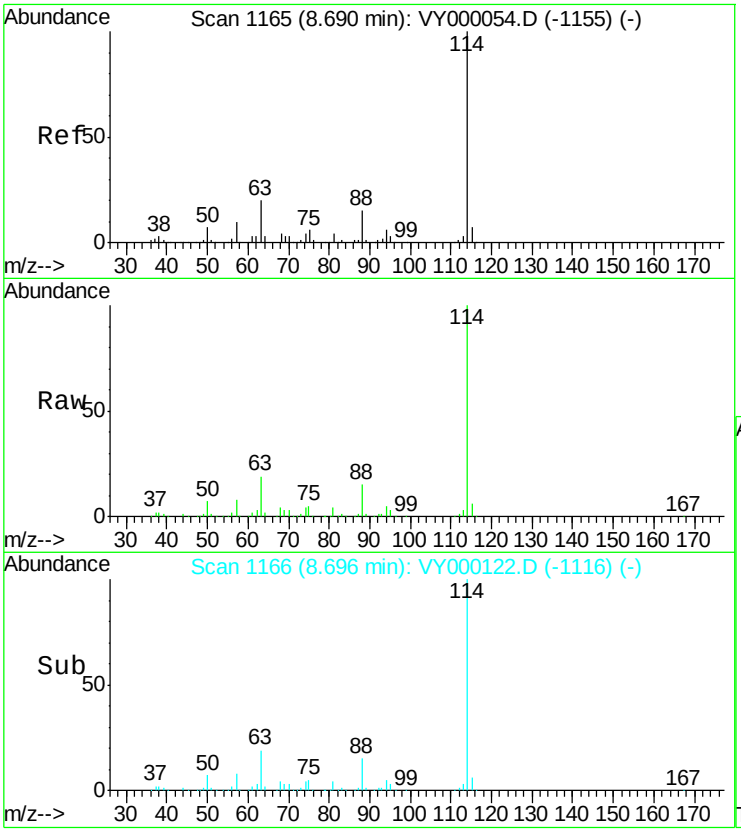


#33
1,2-Dichloroethane-d4
Concen: 57.847 ug/l
RT: 8.15 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VY000122.D
Acq: 20 Sep 2019 20:44

Tgt Ion: 65 Resp: 53409

Ion	Ratio	Lower	Upper
65	100		
67	56.2	0.0	111.0



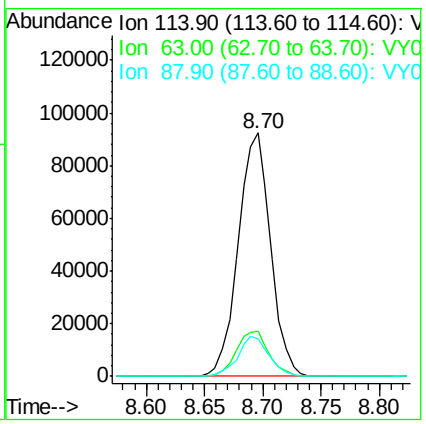


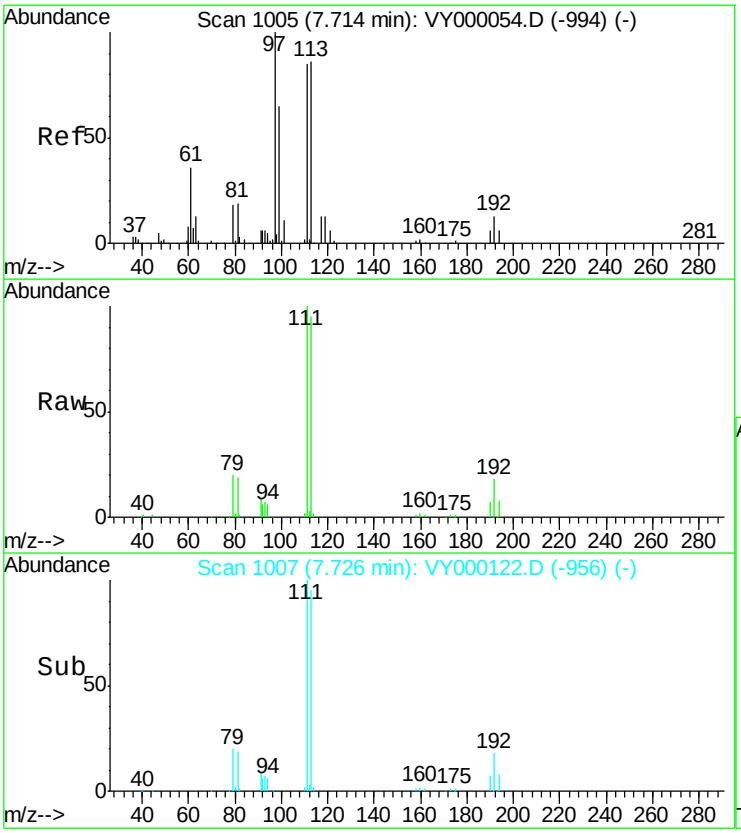
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1166
Delta R.T. 0.01 min
Lab File: VY000122.D
Acq: 20 Sep 2019 20:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 178132

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	39.4
88	15.3	0.0	30.2

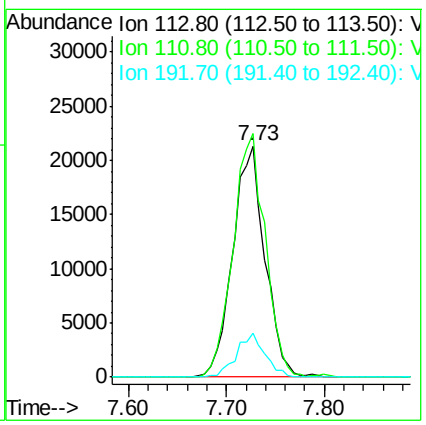


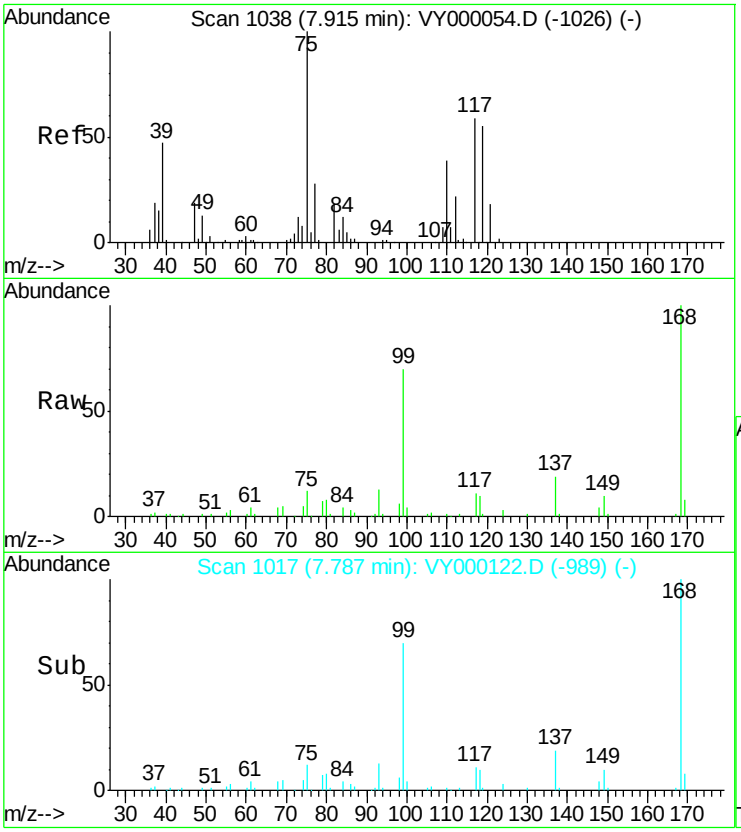


#35
Dibromofluoromethane
Concen: 45.198 ug/l
RT: 7.73 min Scan# 1007
Delta R.T. 0.01 min
Lab File: VY000122.D
Acq: 20 Sep 2019 20:44

Tgt Ion:113 Resp: 48748

Ion	Ratio	Lower	Upper
113	100		
111	105.2	81.7	122.5
192	16.8	13.4	20.2



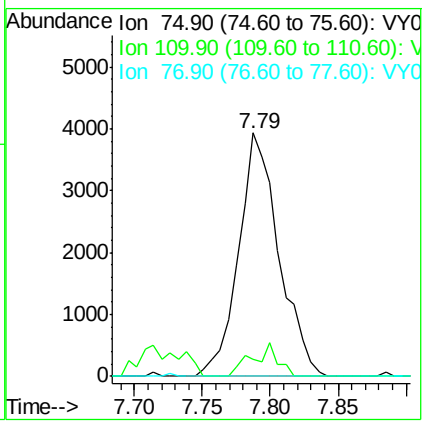


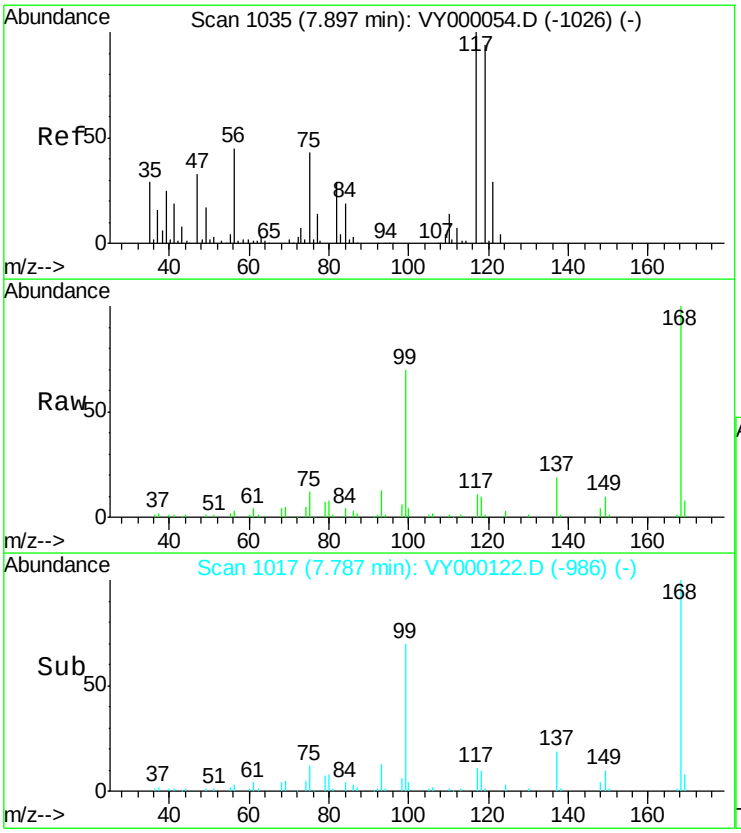
#36
1,1-Dichloropropene
Concen: 6.120 ug/l
RT: 7.79 min Scan# 1017
Delta R.T. -0.13 min
Lab File: VY000122.D
Acq: 20 Sep 2019 20:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 8151

Ion	Ratio	Lower	Upper
75	100		
110	8.5	19.6	58.7#
77	0.0	24.3	36.5#

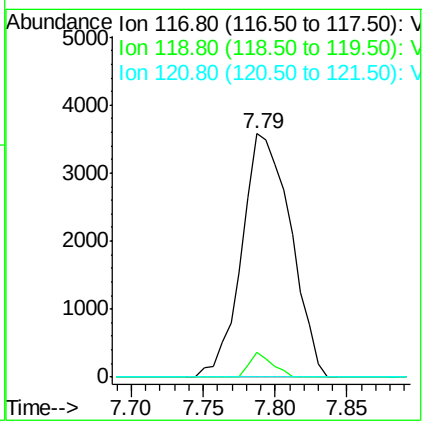


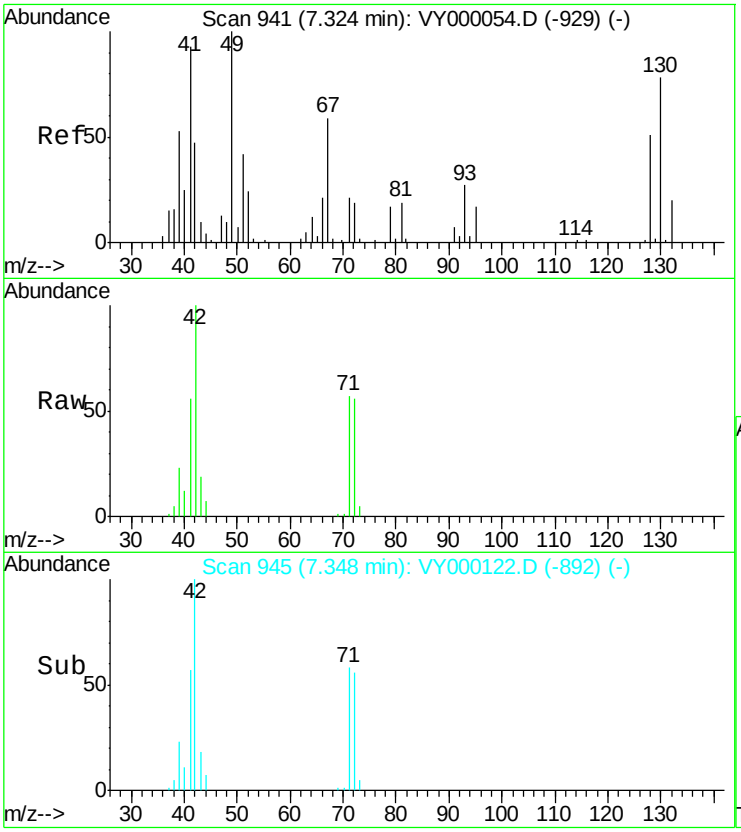


#38
Carbon Tetrachloride
Concen: 6.711 ug/l
RT: 7.79 min Scan# 1017
Delta R.T. -0.11 min
Lab File: VY000122.D
Acq: 20 Sep 2019 20:44

Tgt Ion:117 Resp: 8436

Ion	Ratio	Lower	Upper
117	100		
119	10.2	75.0	112.6#
121	0.0	22.8	34.2#



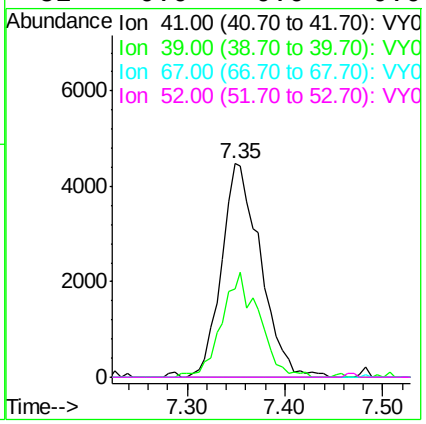


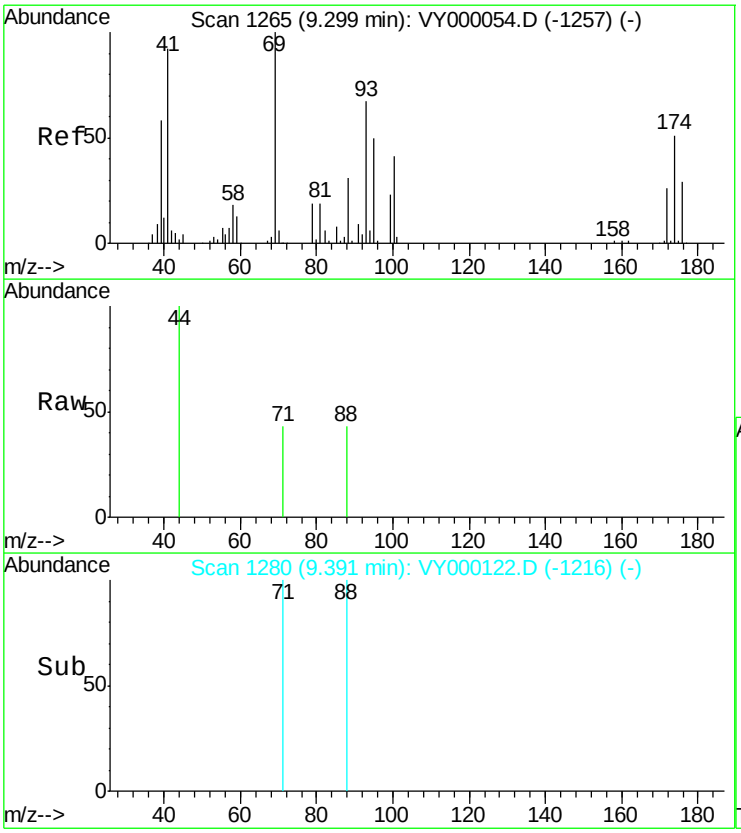
#41
Methacrylonitrile
Concen: 21.175 ug/l
RT: 7.35 min Scan# 945
Delta R.T. 0.02 min
Lab File: VY000122.D
Acq: 20 Sep 2019 20:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 12363

Ion	Ratio	Lower	Upper
41	100		
39	47.0	91.8	137.6#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

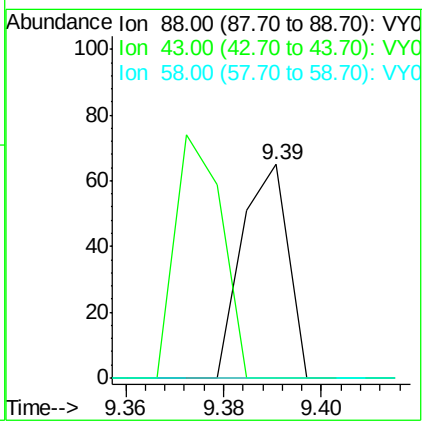


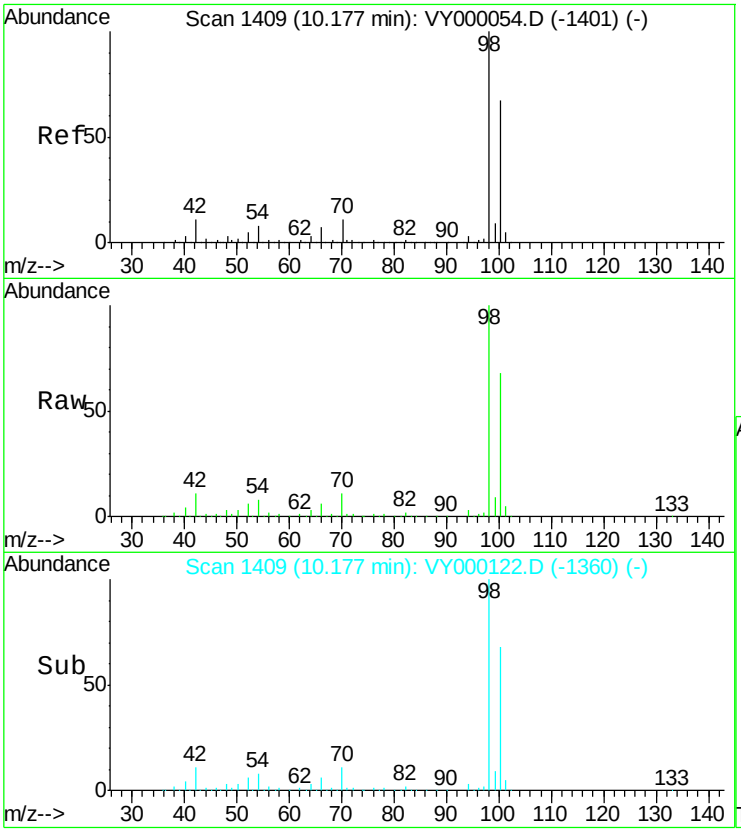


#49
1,4-Dioxane
Concen: 3.475 ug/l
RT: 9.39 min Scan# 1280
Delta R.T. 0.09 min
Lab File: VY000122.D
Acq: 20 Sep 2019 20:44

Tgt Ion: 88 Resp: 42

Ion	Ratio	Lower	Upper
88	100		
43	116.7	18.7	28.1#
58	0.0	53.0	79.6#



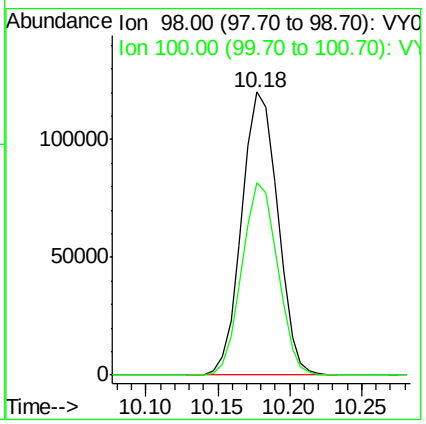


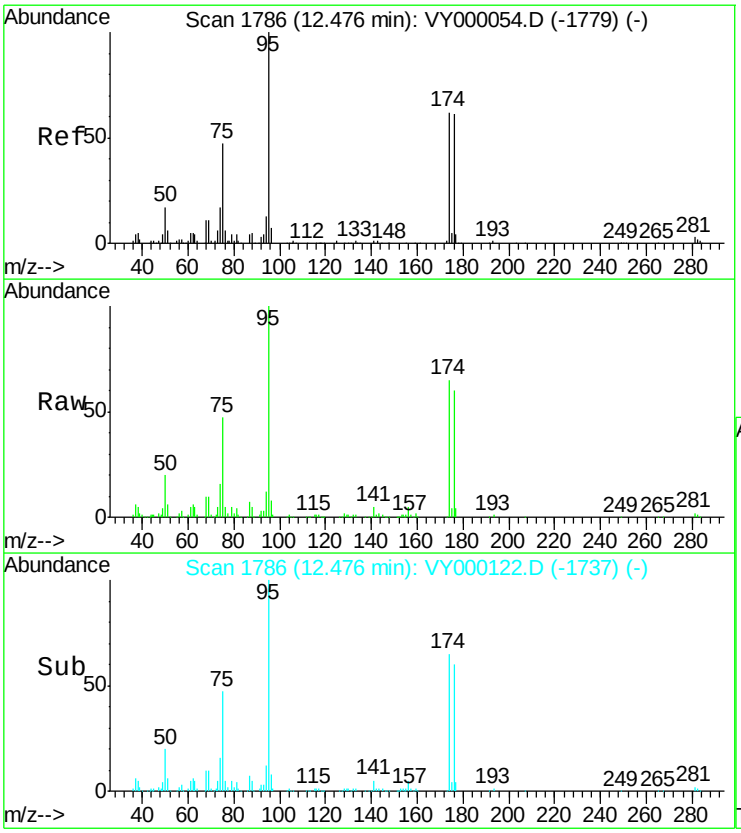
#50
Toluene-d8
Concen: 49.264 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000122.D
Acq: 20 Sep 2019 20:44

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 208689

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.1	79.7

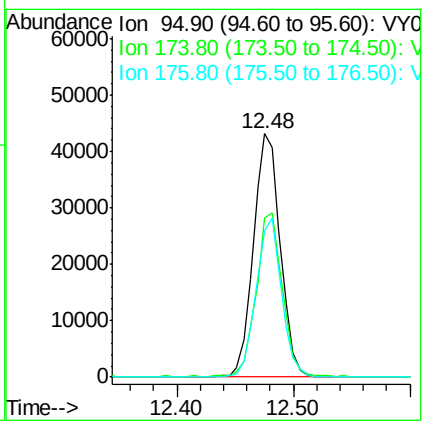


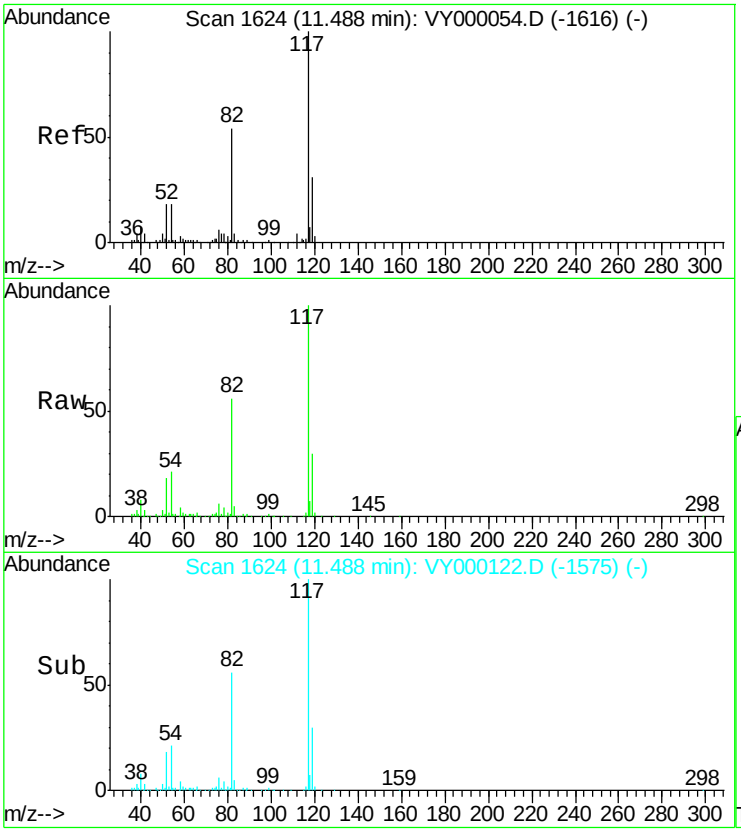


#62
4-Bromofluorobenzene
Concen: 44.014 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.00 min
Lab File: VY000122.D
Acq: 20 Sep 2019 20:44

Tgt Ion: 95 Resp: 69224

Ion	Ratio	Lower	Upper
95	100		
174	66.9	0.0	137.2
176	62.0	0.0	135.0



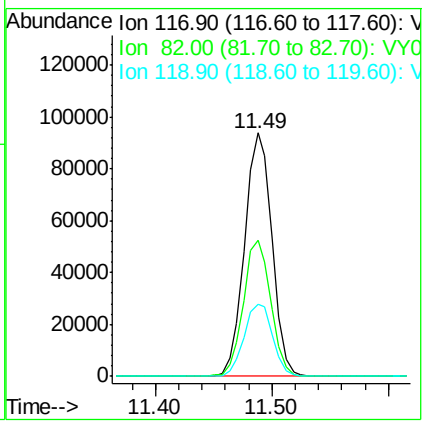


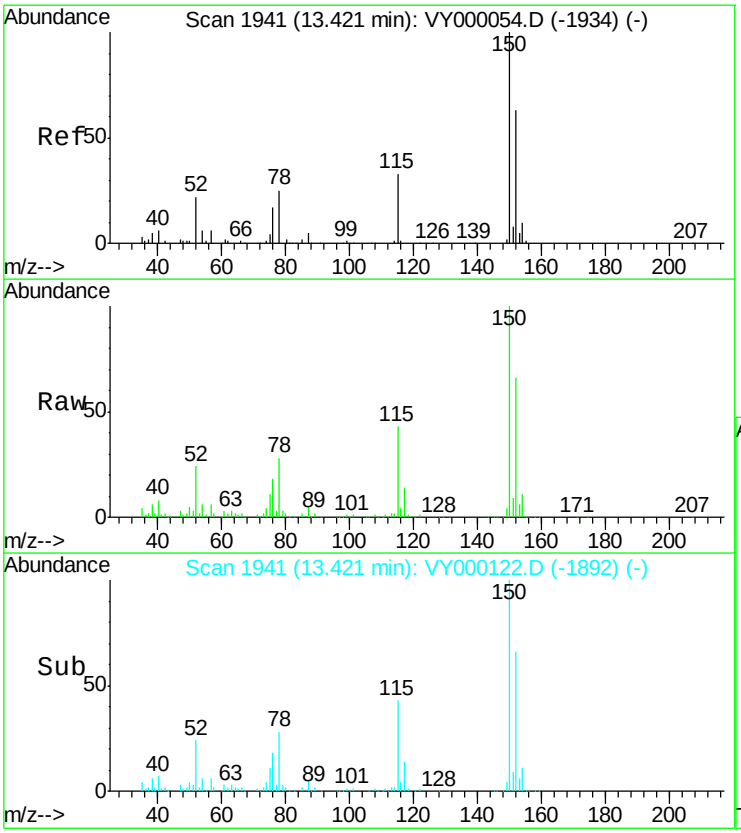
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000122.D
Acq: 20 Sep 2019 20:44

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 153941

Ion	Ratio	Lower	Upper
117	100		
82	56.0	43.5	65.3
119	29.7	24.6	36.8

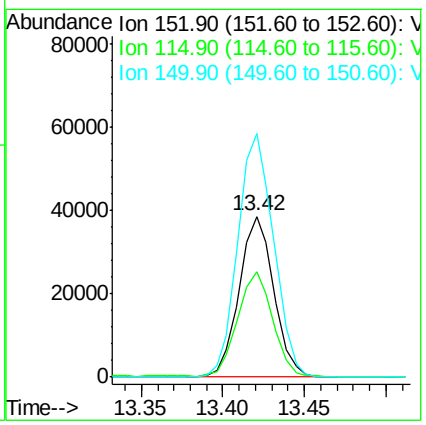


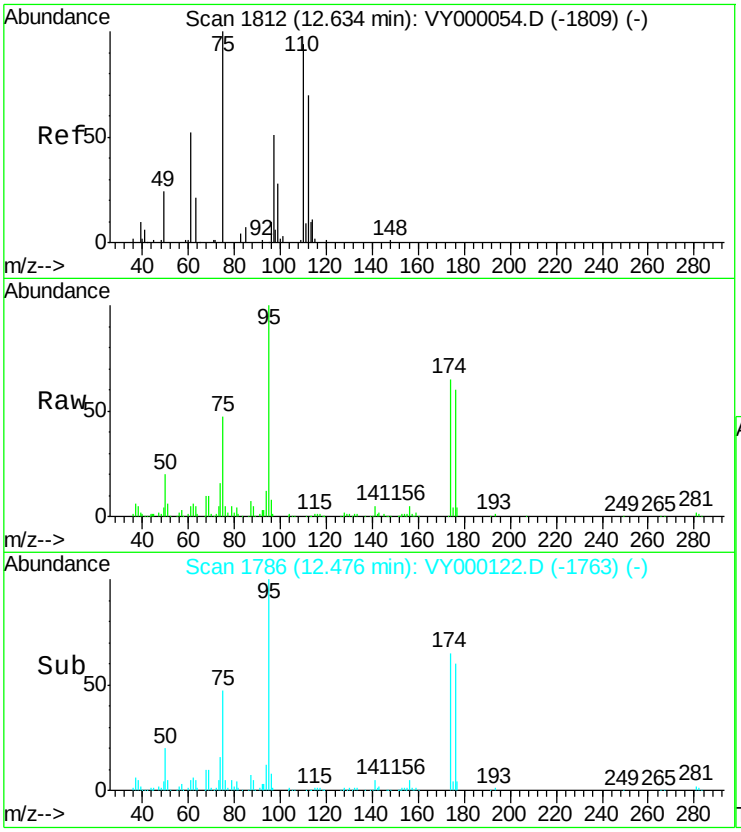


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000122.D
Acq: 20 Sep 2019 20:44

Tgt Ion:152 Resp: 57023

Ion	Ratio	Lower	Upper
152	100		
115	66.2	30.7	92.1
150	156.6	0.0	351.6



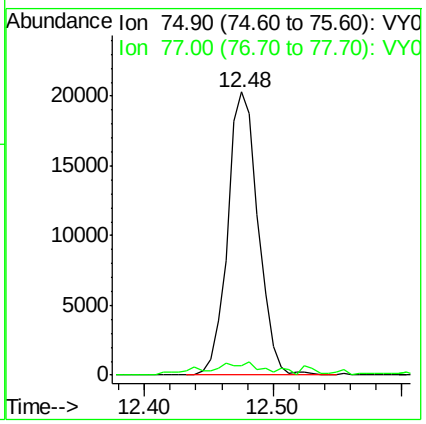


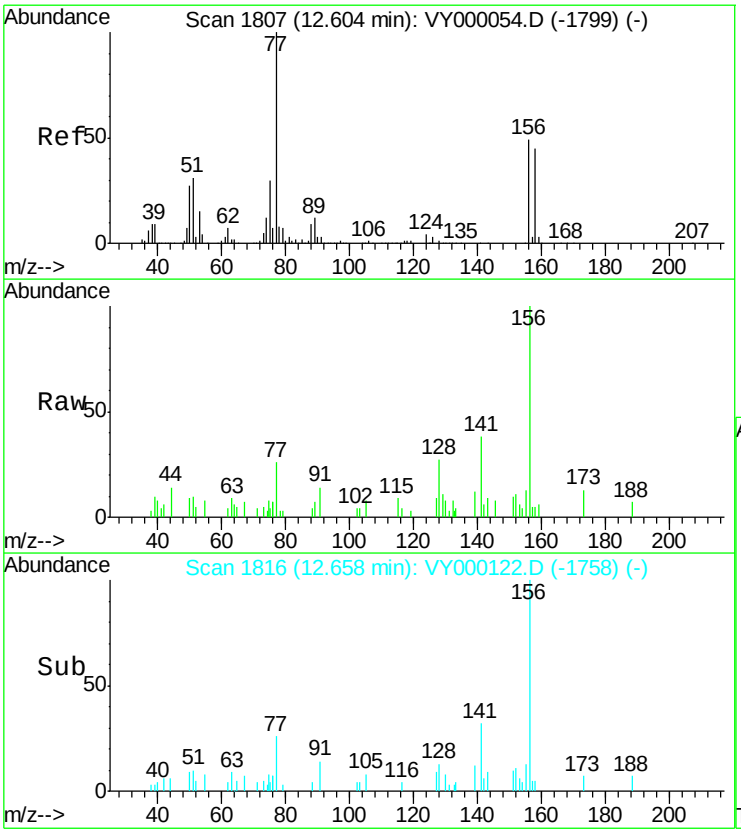
#76
1,2,3-Trichloropropane
Concen: 41.672 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.16 min
Lab File: VY000122.D
Acq: 20 Sep 2019 20:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 33434

Ion	Ratio	Lower	Upper
75	100		
77	6.6	0.0	0.0#

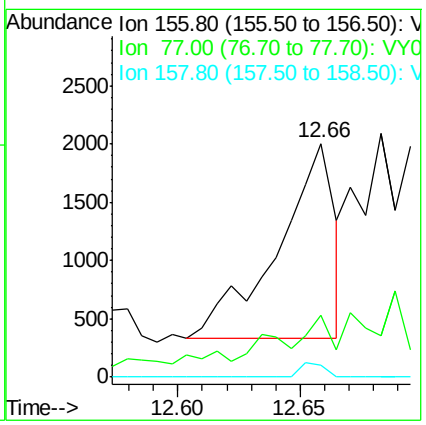


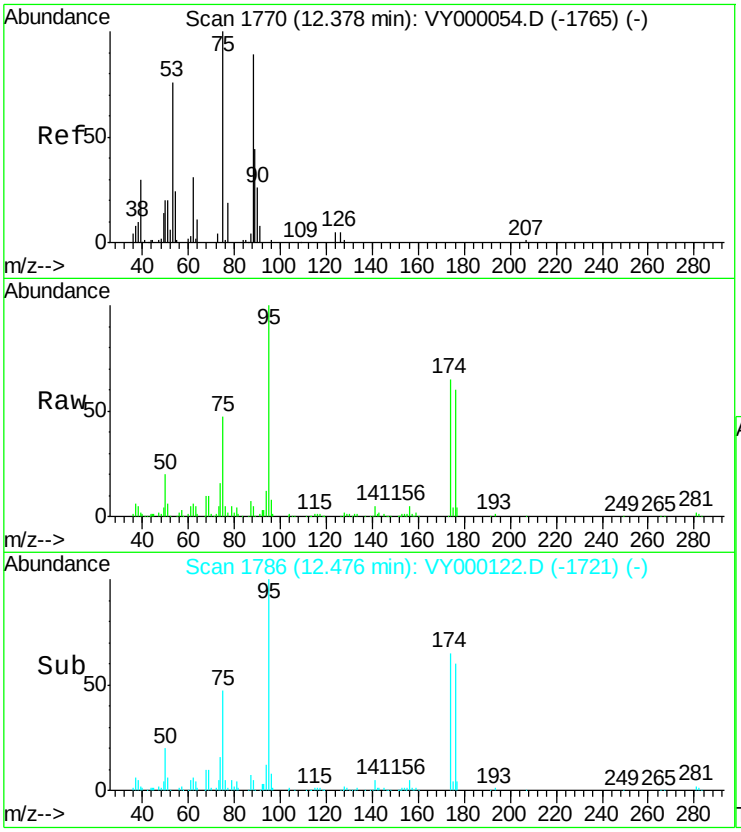


#77
Bromobenzene
Concen: 2.799 ug/l
RT: 12.66 min Scan# 1816
Delta R.T. 0.05 min
Lab File: VY000122.D
Acq: 20 Sep 2019 20:44

Tgt Ion:156 Resp: 2686

Ion	Ratio	Lower	Upper
156	100		
77	23.5	109.7	329.0#
158	3.1	48.0	144.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 80.146 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. 0.10 min
Lab File: VY000122.D
Acq: 20 Sep 2019 20:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 33434

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