Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY092019\
Data File : VY000109.D
Acq On : 20 Sep 2019 15:41
Operator : SY/MD
Sample : K4878-01RE
Misc : 5.25g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Sep 20 23:48:14 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	85384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	185515	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	136590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	37410	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	55692	56.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.38%			
35) Dibromofluoromethane	7.72	113	53119	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.58%			
50) Toluene-d8	10.18	98	203876	46.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.42%			
62) 4-Bromofluorobenzene	12.48	95	54357	33.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 66.38%			
Target Compounds						Qvalue
3) Chloromethane	2.11	50	2430	Below Cal	#	84
5) Bromomethane	2.65	94	85	Below Cal	#	44
13) Acrolein	3.70	56	45	Below Cal	#	13
16) Acetone	3.97	43	348	1.521 ug/l	#	33
17) Carbon Disulfide	4.14	76	35	Below Cal	#	77
20) Methylene Chloride	4.72	84	3869	3.596 ug/l	#	88
31) Cyclohexane	7.79	56	2344	Below Cal	#	14
36) 1,1-Dichloropropene	7.79	75	7987	5.758 ug/l	#	48
38) Carbon Tetrachloride	7.79	117	9291	7.097 ug/l	#	17
41) Methacrylonitrile	7.33	41	57	4.381 ug/l	#	84
49) 1,4-Dioxane	9.14	88	45	3.575 ug/l	#	26
76) 1,2,3-Trichloropropane	12.48	75	27554	52.349 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.48	75	27554	100.680 ug/l	#	19

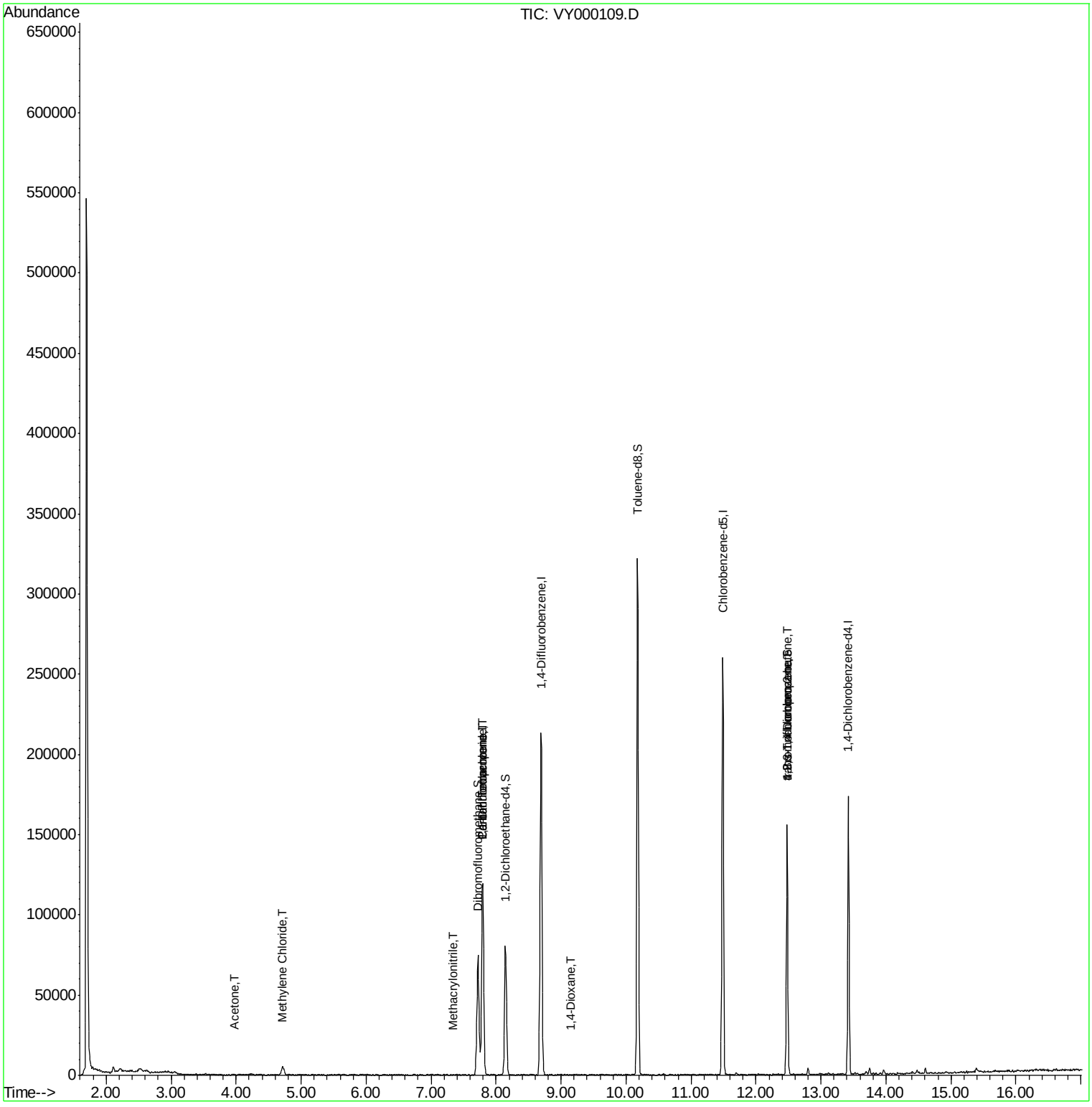
(#) = qualifier out of range (m) = manual integration (+) = signals summed

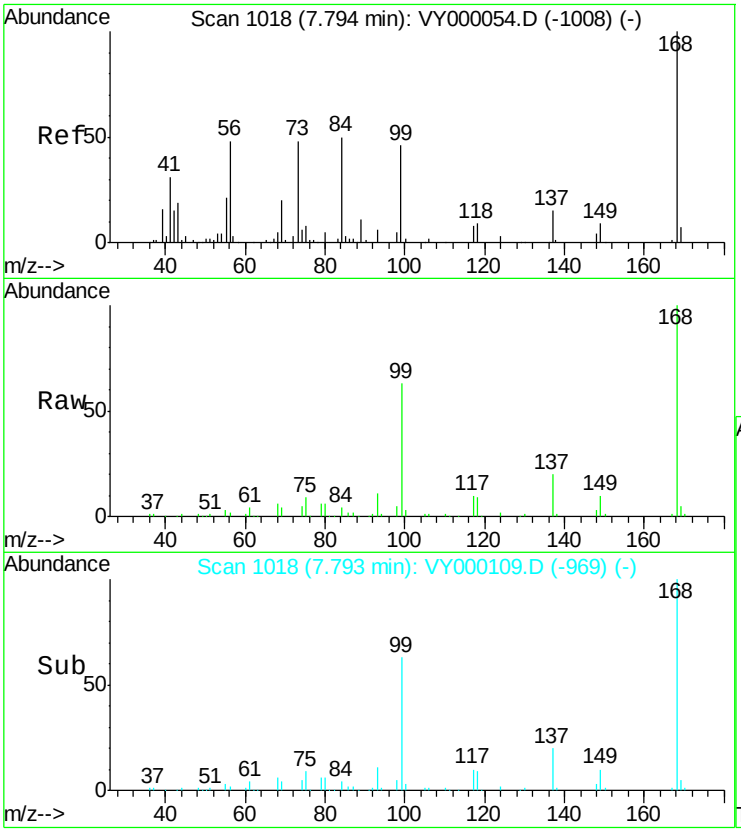
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY092019\
Data File : VY000109.D
Acq On : 20 Sep 2019 15:41
Operator : SY/MD
Sample : K4878-01RE
Misc : 5.25g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 20 23:48:14 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



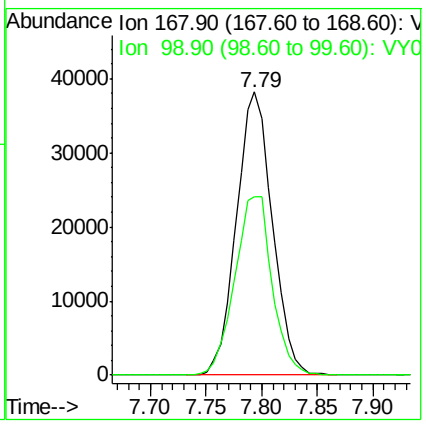


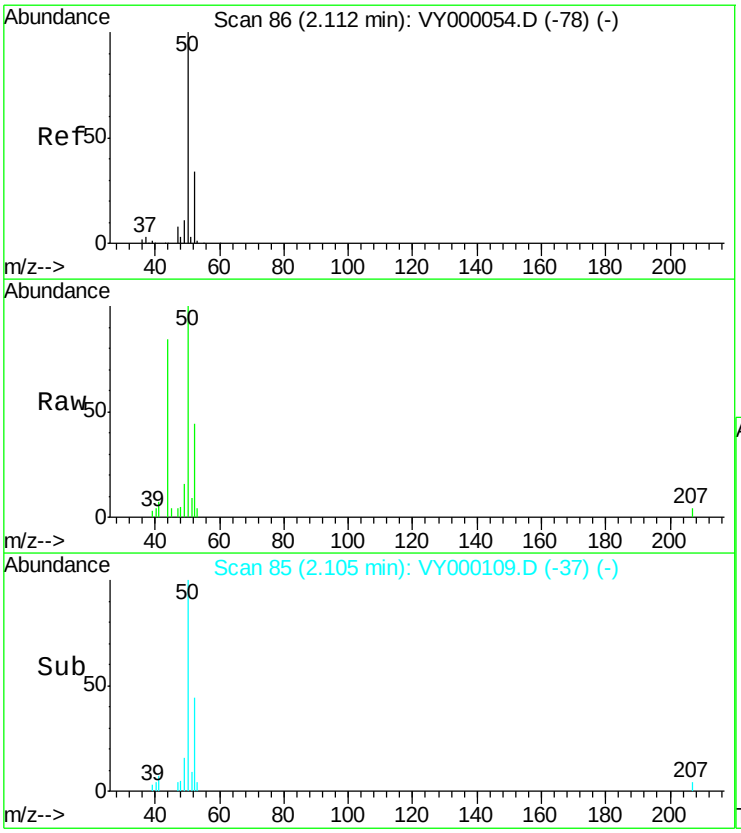
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.79 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VY000109.D
Acq: 20 Sep 2019 15:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 85384

Ion	Ratio	Lower	Upper
168	100		
99	63.0	44.2	66.2

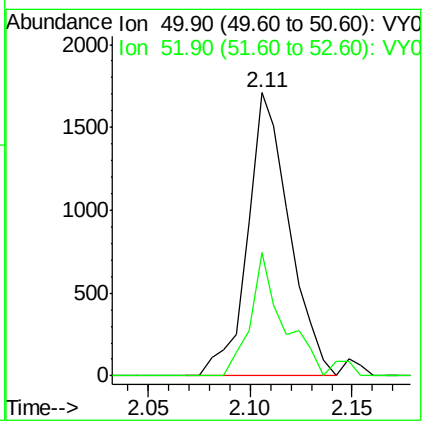


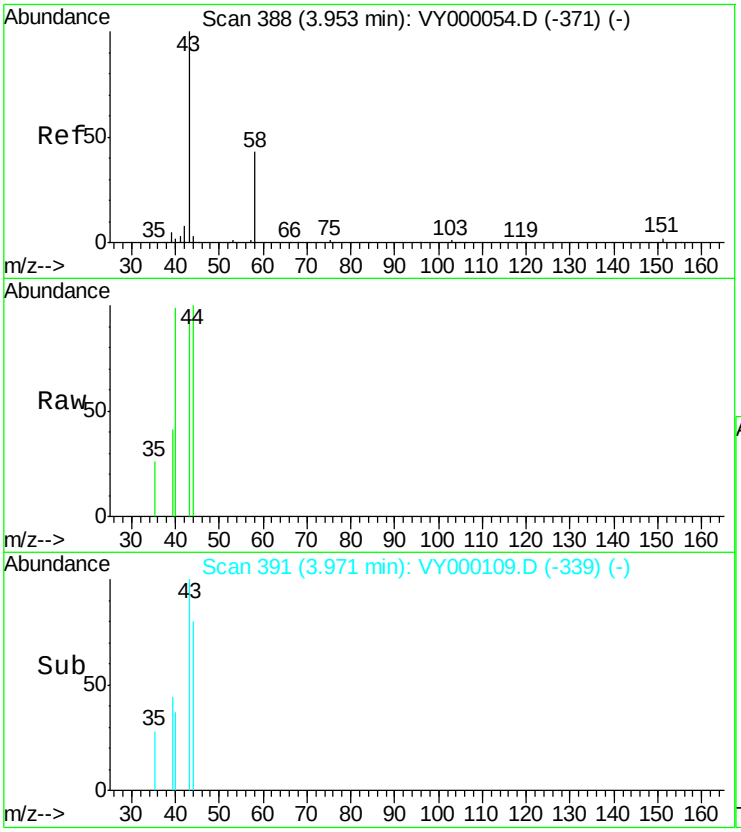


#3
Chloromethane
Concen: Below Cal
RT: 2.11 min Scan# 85
Delta R.T. -0.01 min
Lab File: VY000109.D
Acq: 20 Sep 2019 15:41

Tgt Ion: 50 Resp: 2430

Ion	Ratio	Lower	Upper
50	100		
52	43.5	27.3	40.9#



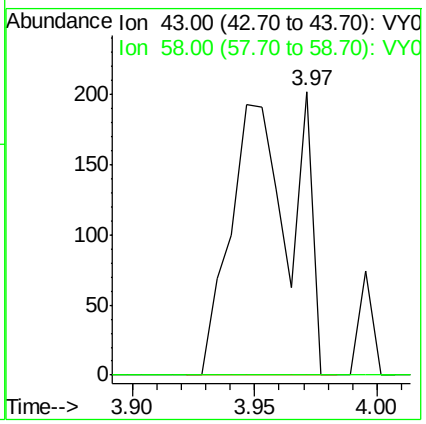


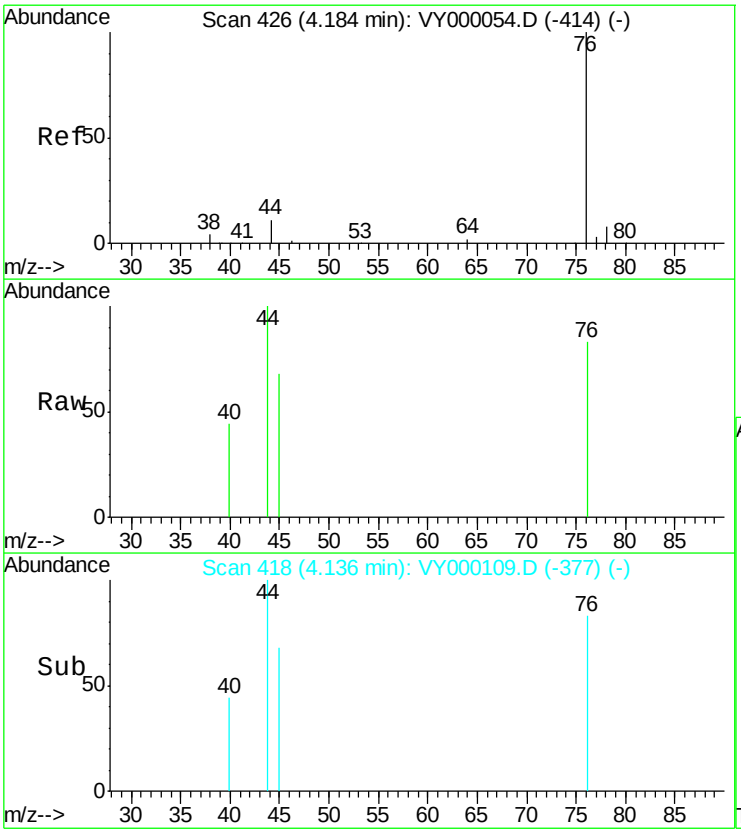
#16
Acetone
Concen: 1.521 ug/l
RT: 3.97 min Scan# 391
Delta R.T. 0.02 min
Lab File: VY000109.D
Acq: 20 Sep 2019 15:41

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 348

Ion	Ratio	Lower	Upper
43	100		
58	0.0	34.5	51.7#

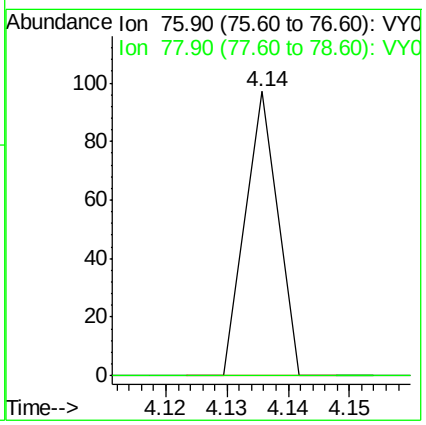


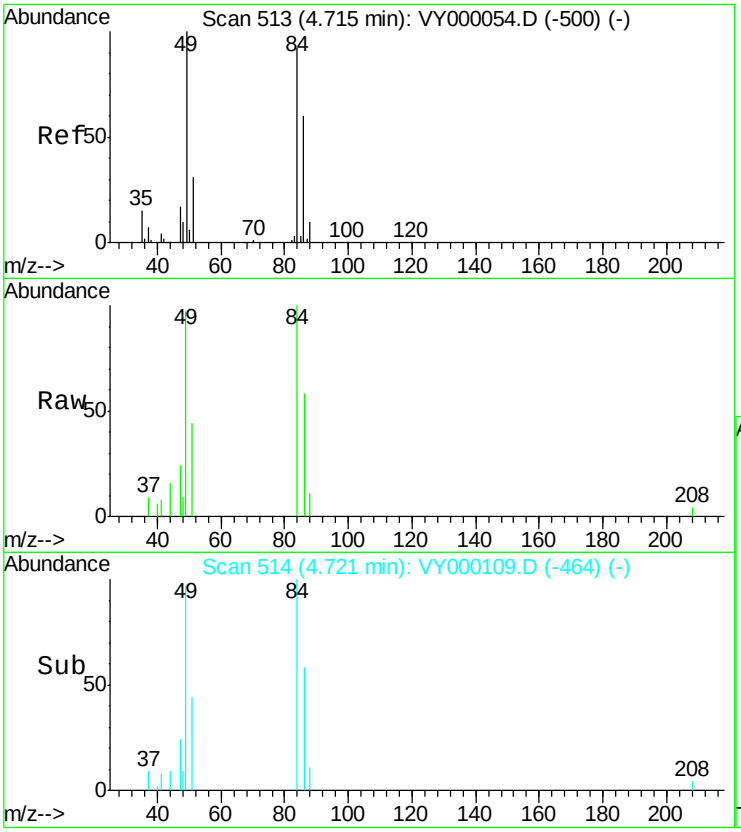


#17
Carbon Disulfide
Concen: Below Cal
RT: 4.14 min Scan# 418
Delta R.T. -0.05 min
Lab File: VY000109.D
Acq: 20 Sep 2019 15:41

Tgt Ion: 76 Resp: 35

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.6	9.8#



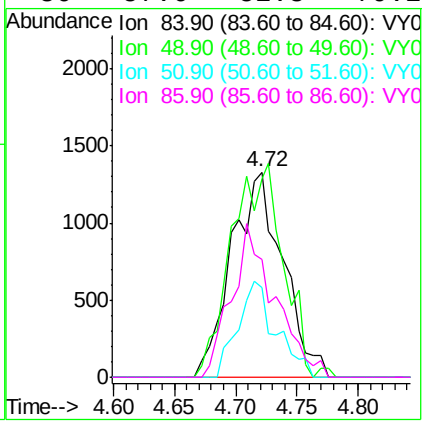


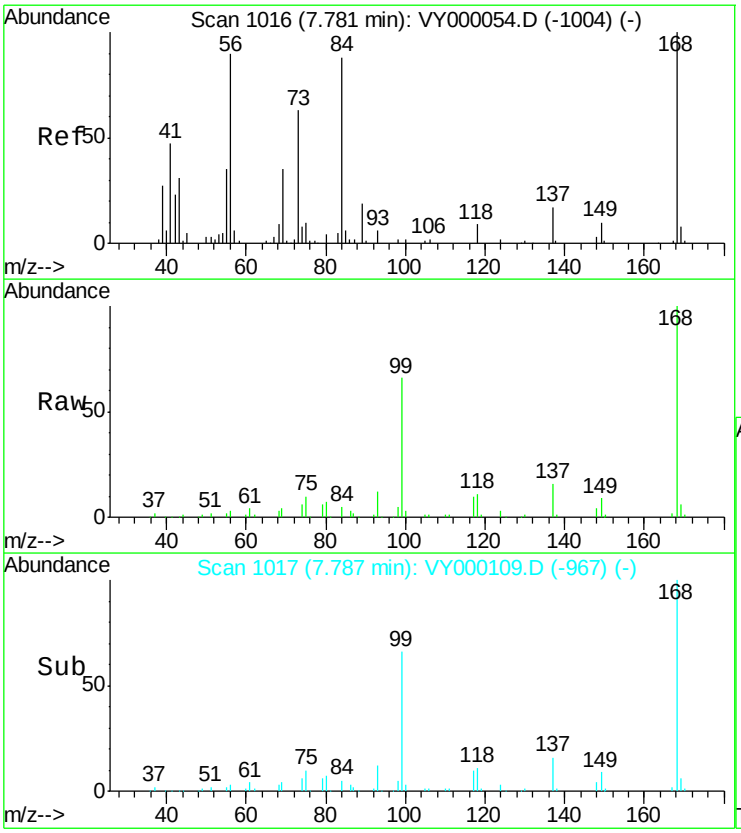
#20
Methylene Chloride
Concen: 3.596 ug/l
RT: 4.72 min Scan# 514
Delta R.T. 0.01 min
Lab File: VY000109.D
Acq: 20 Sep 2019 15:41

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 3869

Ion	Ratio	Lower	Upper
84	100		
49	96.9	87.4	131.0
51	43.9	27.2	40.8#
86	57.6	52.8	79.2

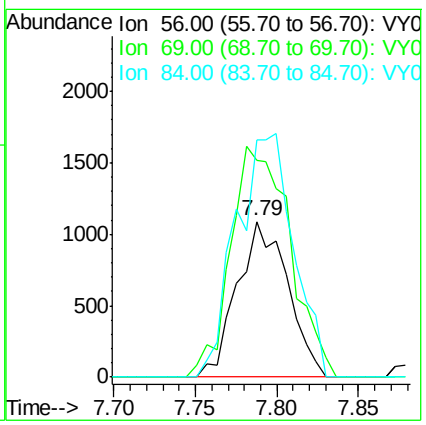


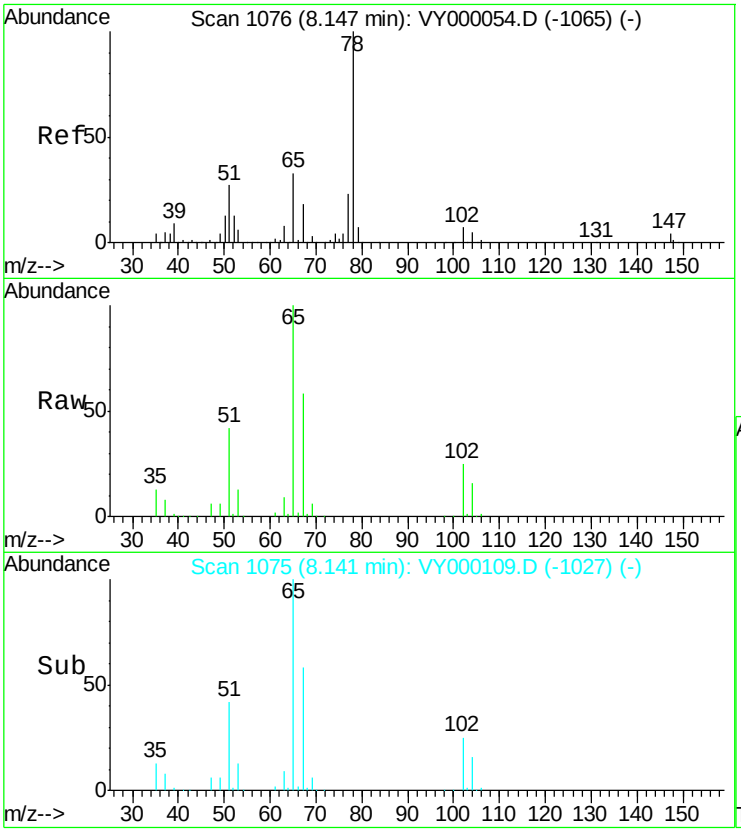


#31
Cyclohexane
Concen: Below Cal
RT: 7.79 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VY000109.D
Acq: 20 Sep 2019 15:41

Tgt Ion: 56 Resp: 2344

Ion	Ratio	Lower	Upper
56	100		
69	139.7	30.9	46.3#
84	152.2	78.5	117.7#



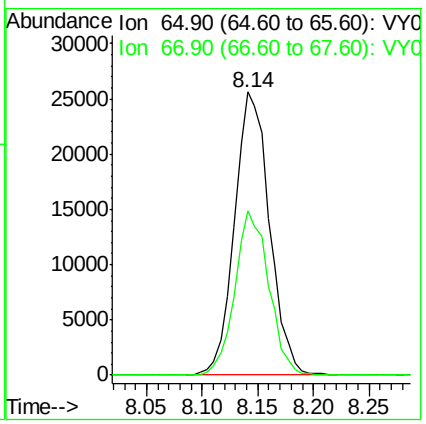


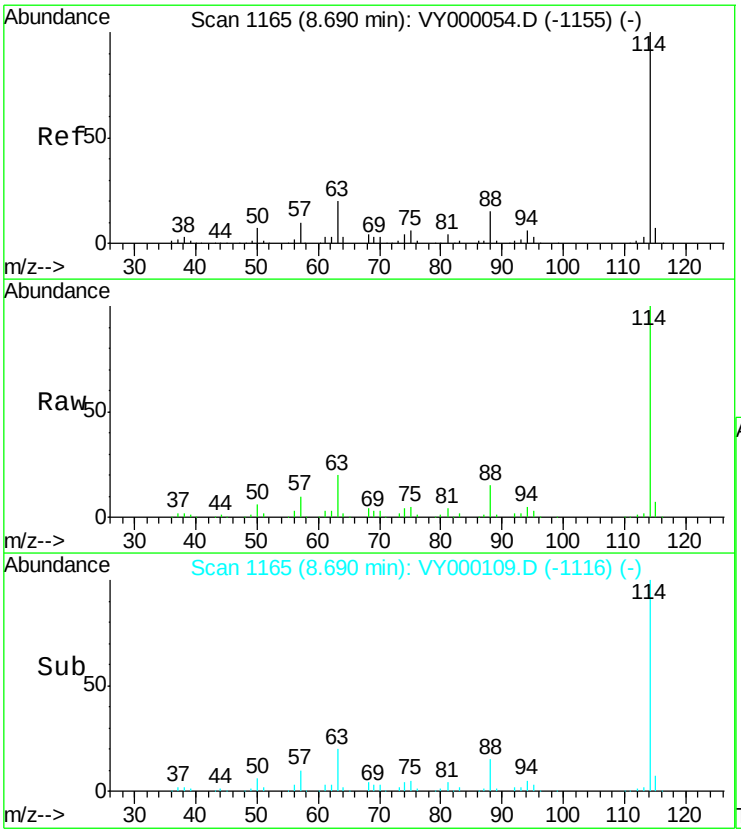
#33
1,2-Dichloroethane-d4
Concen: 56.692 ug/l
RT: 8.14 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY000109.D
Acq: 20 Sep 2019 15:41

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 55692

Ion	Ratio	Lower	Upper
65	100		
67	56.3	0.0	111.0

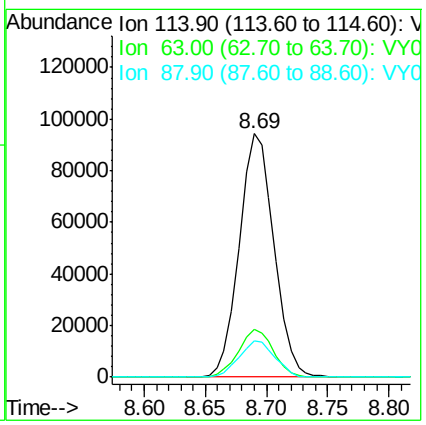


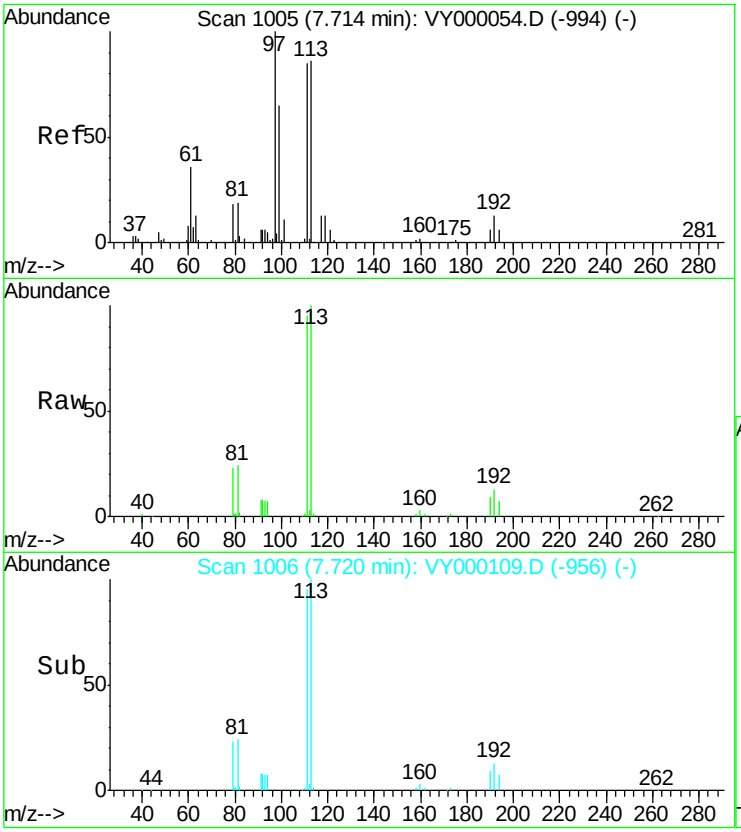


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1165
Delta R.T. -0.00 min
Lab File: VY000109.D
Acq: 20 Sep 2019 15:41

Tgt Ion:114 Resp: 185515

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.4
88	14.9	0.0	30.2



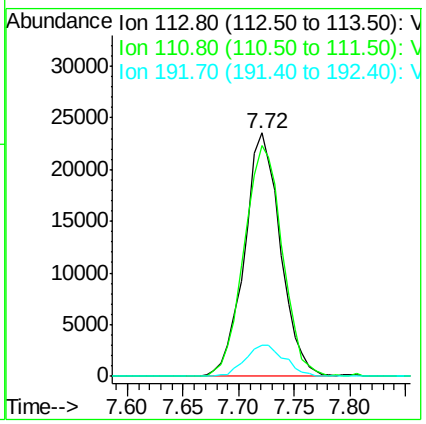


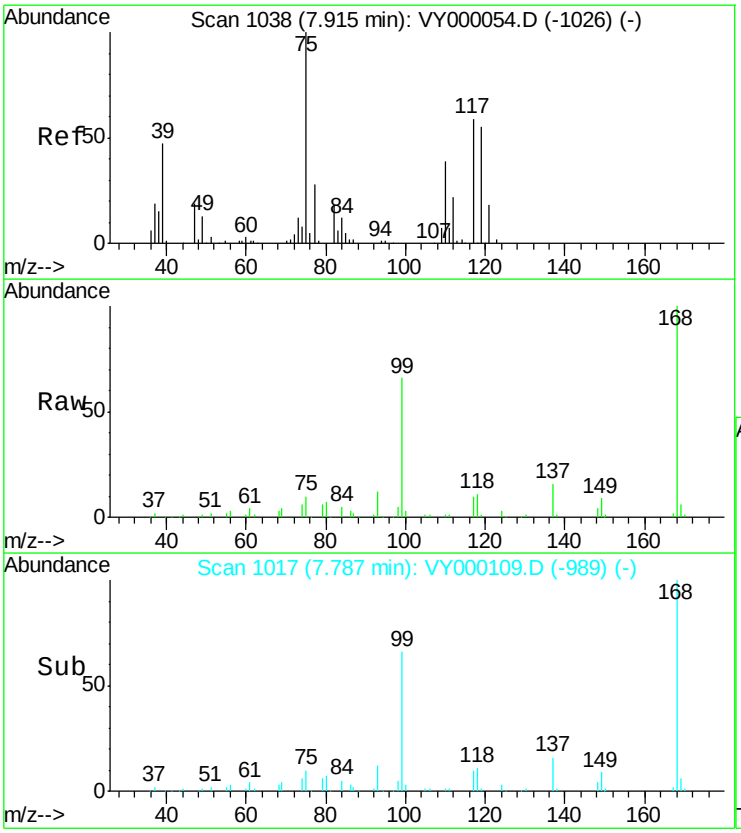
#35
Dibromofluoromethane
Concen: 47.291 ug/l
RT: 7.72 min Scan# 1006
Delta R.T. 0.01 min
Lab File: VY000109.D
Acq: 20 Sep 2019 15:41

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 53119

Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.7	122.5
192	14.1	13.4	20.2

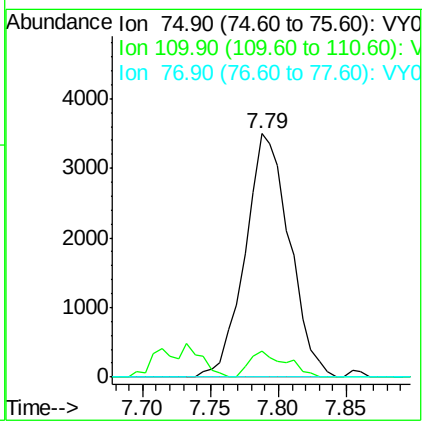


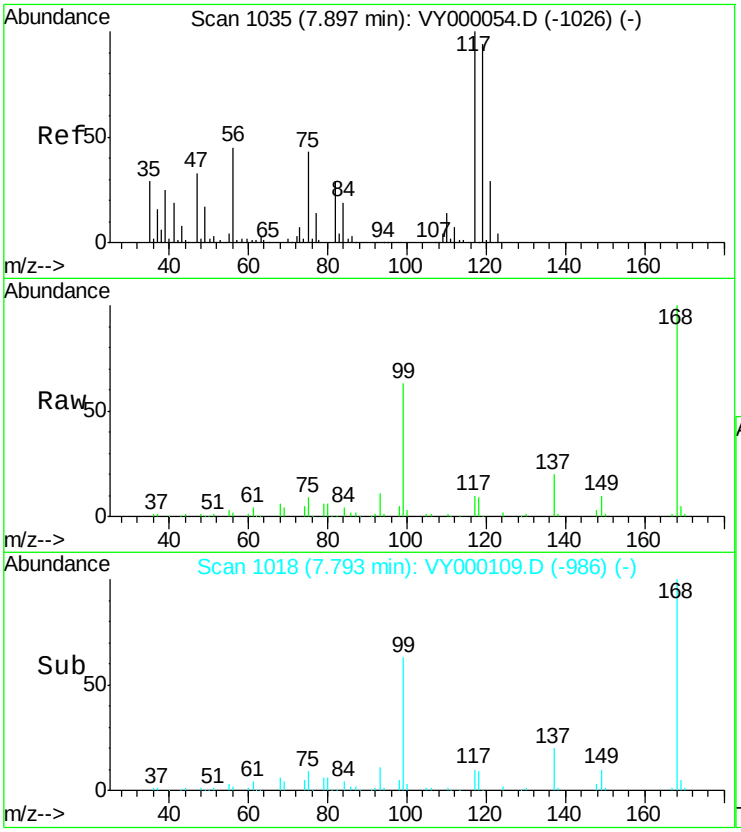


#36
1,1-Dichloropropene
Concen: 5.758 ug/l
RT: 7.79 min Scan# 1017
Delta R.T. -0.13 min
Lab File: VY000109.D
Acq: 20 Sep 2019 15:41

Tgt Ion: 75 Resp: 7987

Ion	Ratio	Lower	Upper
75	100		
110	9.0	19.6	58.7#
77	0.0	24.3	36.5#



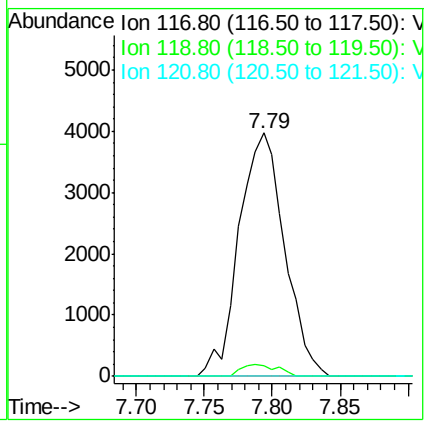


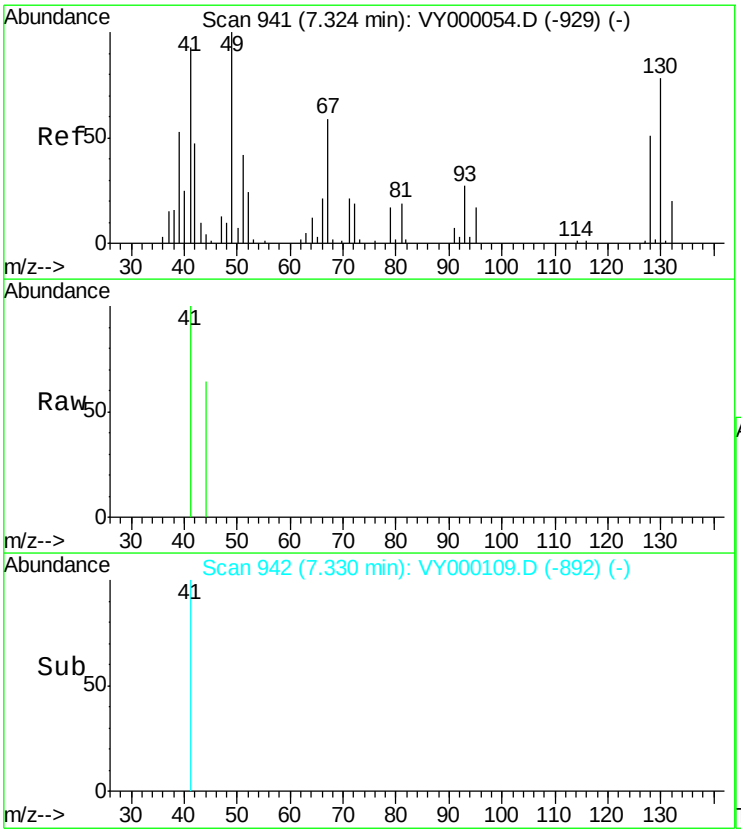
#38
Carbon Tetrachloride
Concen: 7.097 ug/l
RT: 7.79 min Scan# 1018
Delta R.T. -0.10 min
Lab File: VY000109.D
Acq: 20 Sep 2019 15:41

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 9291

Ion	Ratio	Lower	Upper
117	100		
119	4.6	75.0	112.6#
121	0.0	22.8	34.2#

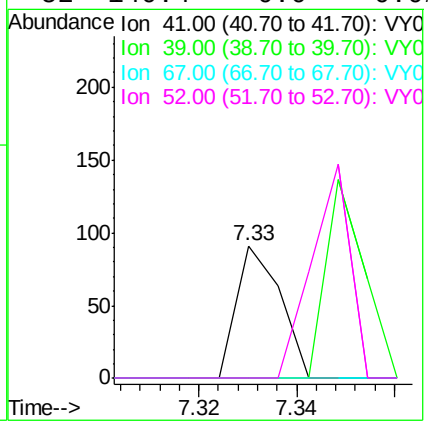


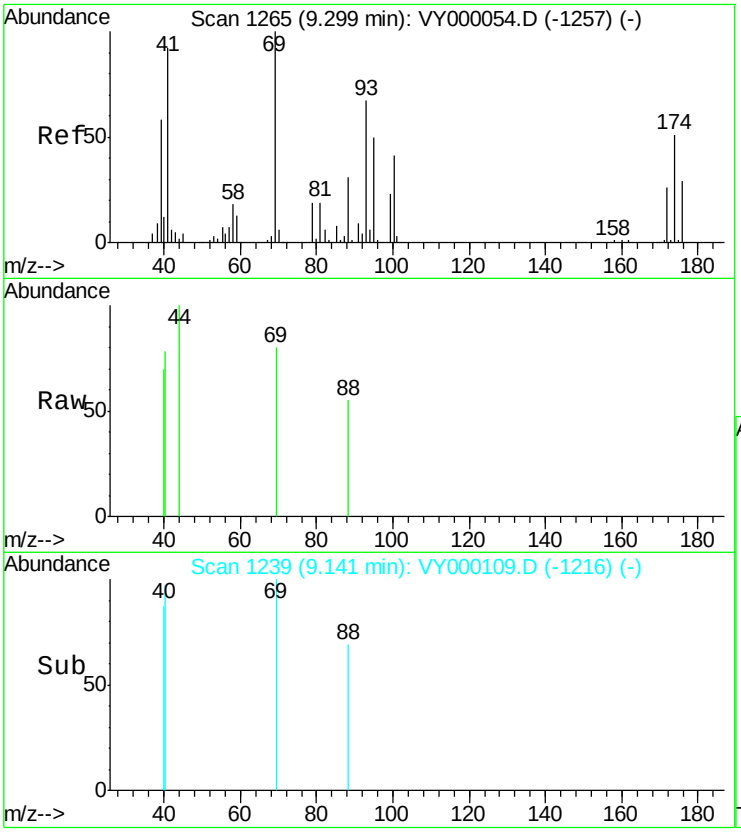


#41
Methacrylonitrile
Concen: 4.381 ug/l
RT: 7.33 min Scan# 942
Delta R.T. 0.01 min
Lab File: VY000109.D
Acq: 20 Sep 2019 15:41

Tgt Ion: 41 Resp: 57

Ion	Ratio	Lower	Upper
41	100		
39	131.6	91.8	137.6
67	0.0	0.0	0.0
52	140.4	0.0	0.0#



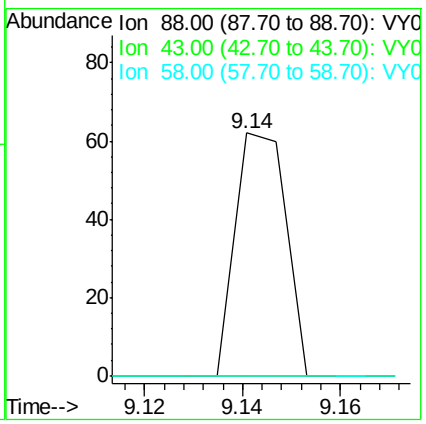


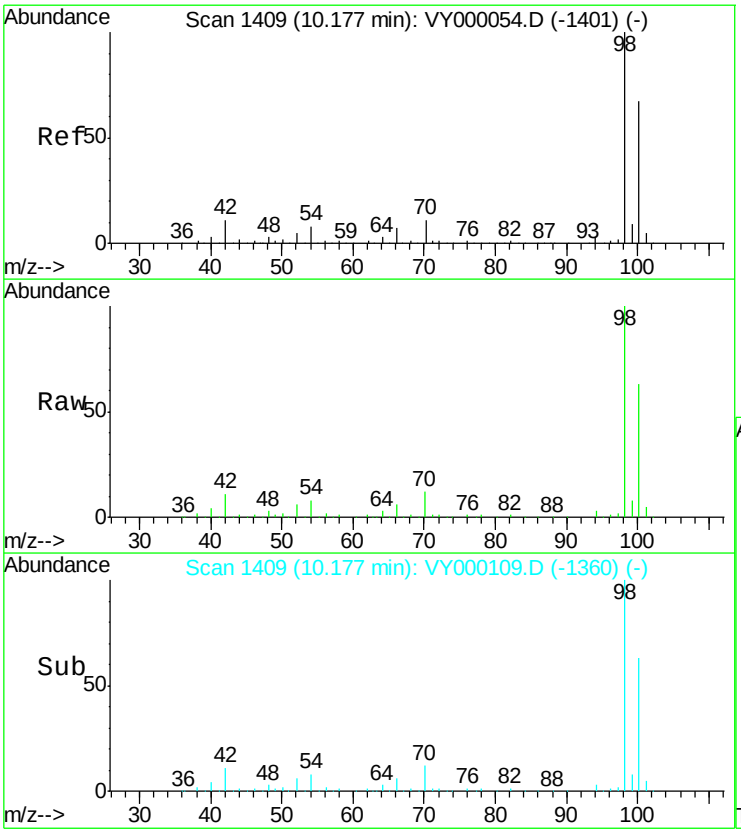
#49
1,4-Dioxane
Concen: 3.575 ug/l
RT: 9.14 min Scan# 1239
Delta R.T. -0.16 min
Lab File: VY000109.D
Acq: 20 Sep 2019 15:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 88 Resp: 45

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

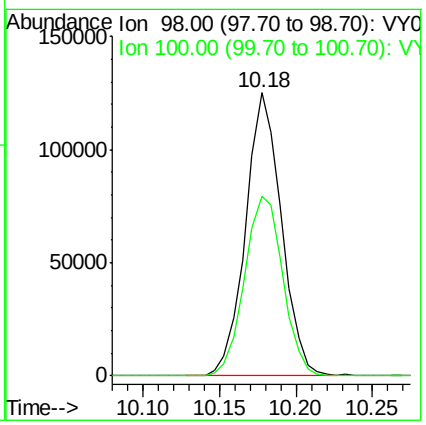


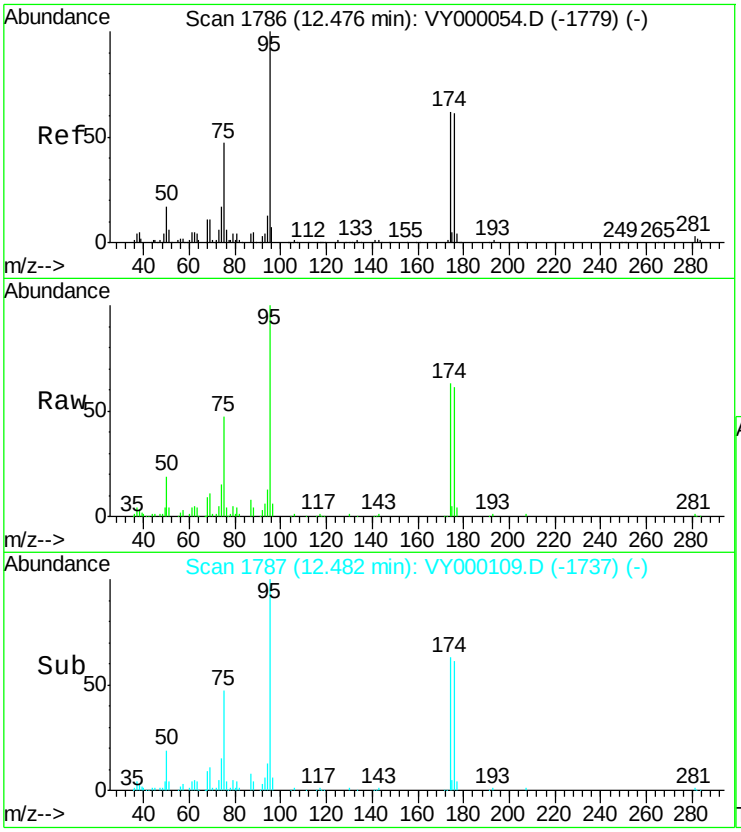


#50
Toluene-d8
Concen: 46.212 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000109.D
Acq: 20 Sep 2019 15:41

Tgt Ion: 98 Resp: 203876

Ion	Ratio	Lower	Upper
98	100		
100	67.8	53.1	79.7



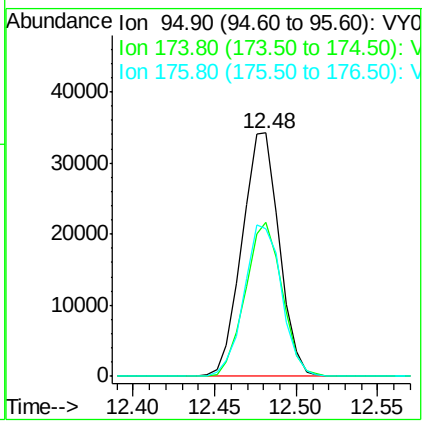


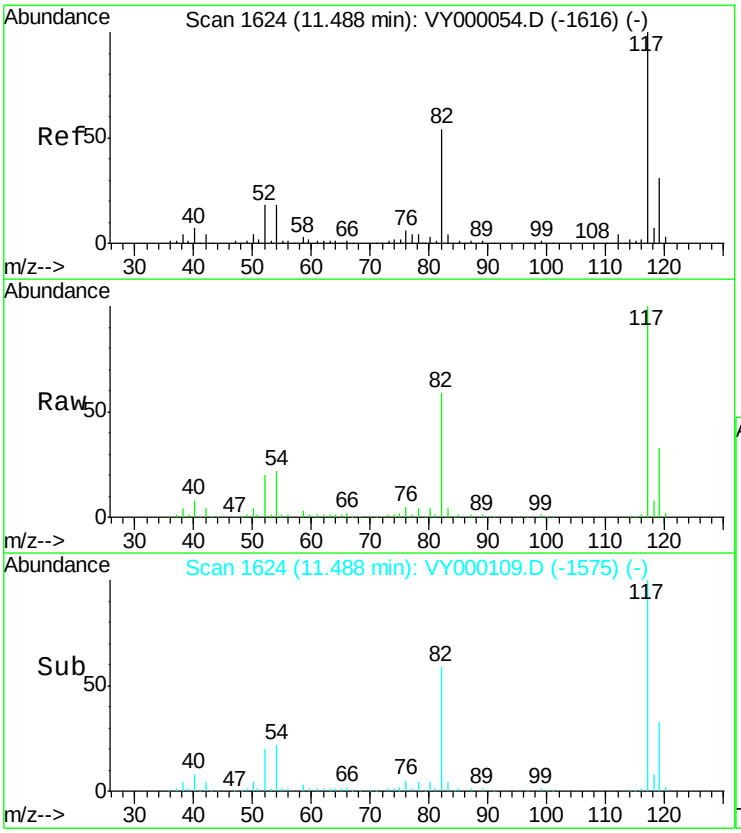
#62
4-Bromofluorobenzene
Concen: 33.186 ug/l
RT: 12.48 min Scan# 1787
Delta R.T. 0.01 min
Lab File: VY000109.D
Acq: 20 Sep 2019 15:41

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 54357

Ion	Ratio	Lower	Upper
95	100		
174	62.5	0.0	137.2
176	63.0	0.0	135.0

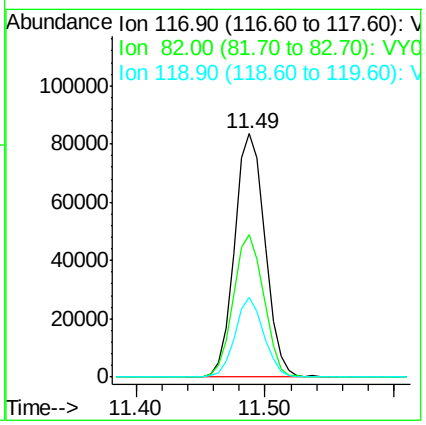


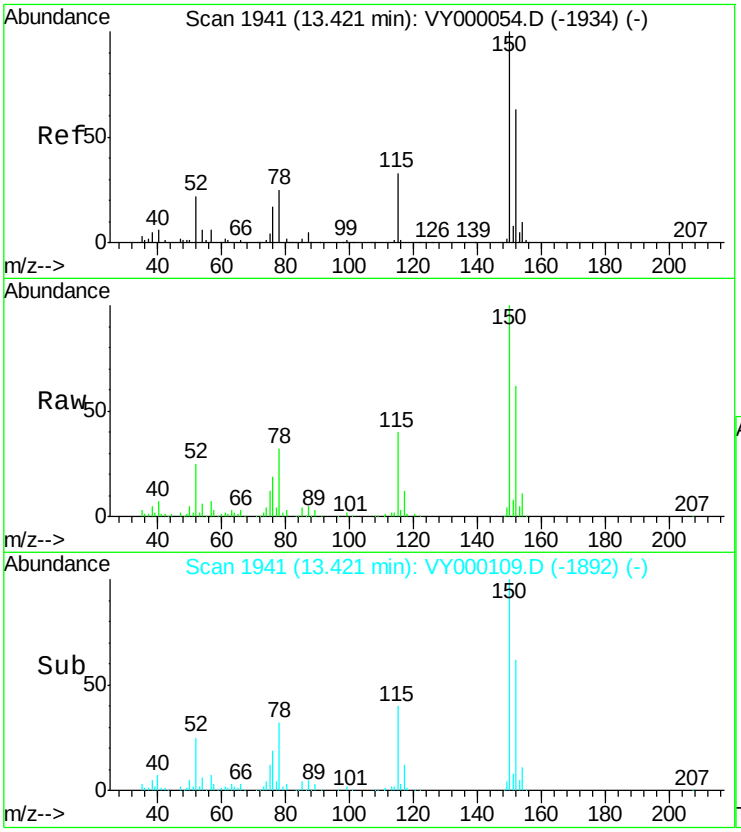


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000109.D
Acq: 20 Sep 2019 15:41

Tgt Ion:117 Resp: 136590

Ion	Ratio	Lower	Upper
117	100		
82	58.5	43.5	65.3
119	32.9	24.6	36.8



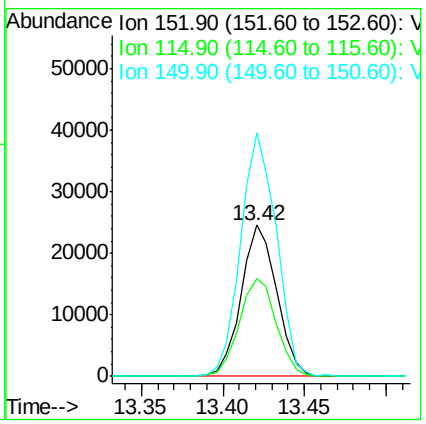


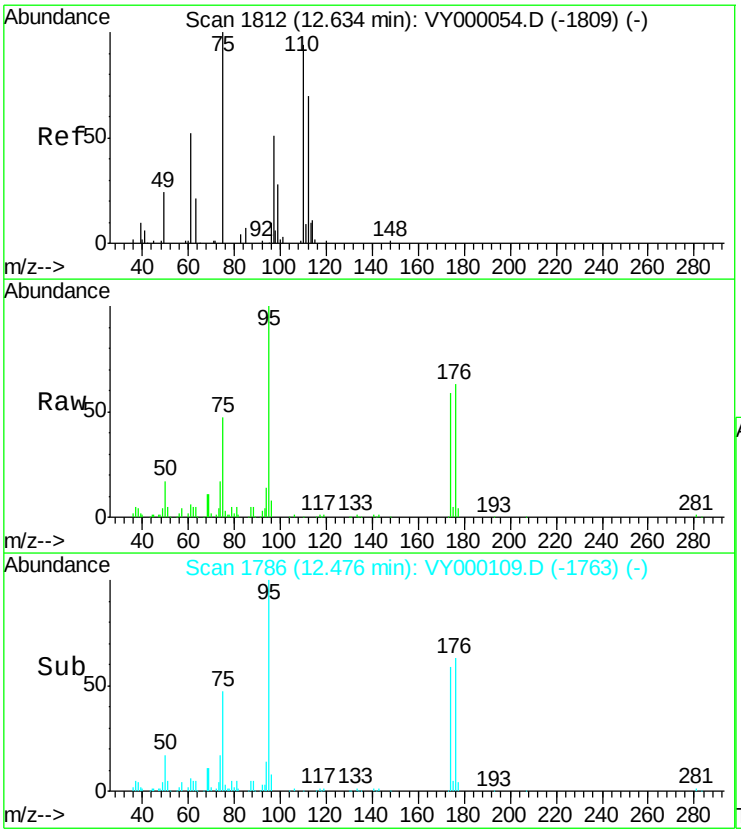
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000109.D
Acq: 20 Sep 2019 15:41

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 37410

Ion	Ratio	Lower	Upper
152	100		
115	66.8	30.7	92.1
150	161.2	0.0	351.6

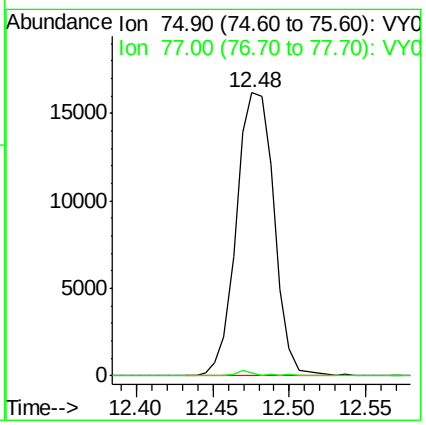


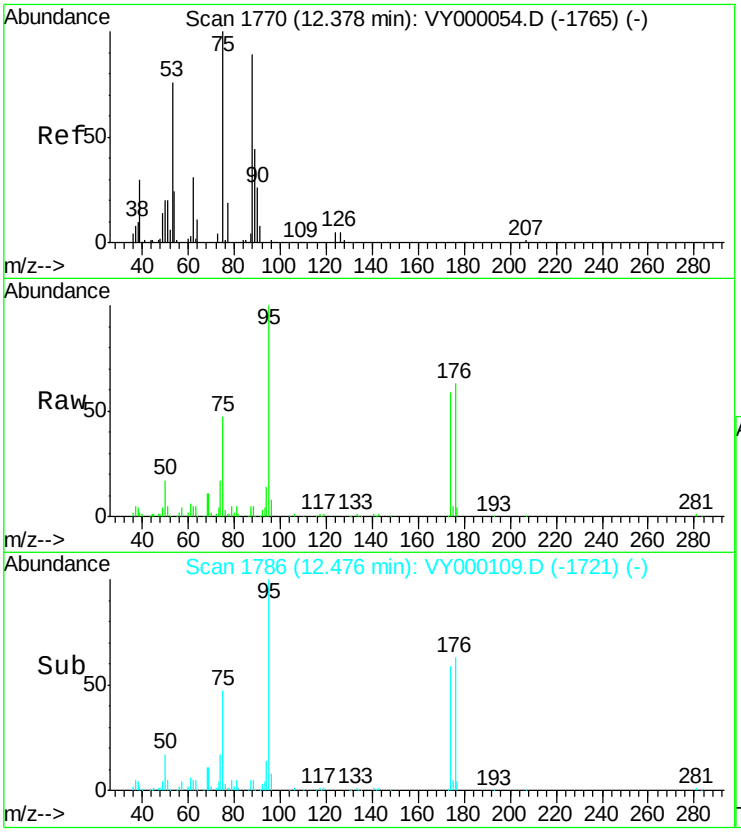


#76
1,2,3-Trichloropropane
Concen: 52.349 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.16 min
Lab File: VY000109.D
Acq: 20 Sep 2019 15:41

Tgt Ion: 75 Resp: 27554

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 100.680 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. 0.10 min
Lab File: VY000109.D
Acq: 20 Sep 2019 15:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 27554

Ion	Ratio	Lower	Upper
75	100		
53	0.0	60.9	91.3#
89	0.1	35.3	52.9#