Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY091819\
Data File : VY000060.D
Acq On : 18 Sep 2019 15:11
Operator : SY/MD
Sample : VY0918SBL01
Misc : 5.00g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Sep 19 04:14:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 13:28:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	107410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	208531	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	177554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	75189	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	62726	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.52%			
35) Dibromofluoromethane	7.72	113	61530	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.46%			
50) Toluene-d8	10.18	98	249071	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.46%			
62) 4-Bromofluorobenzene	12.48	95	86829	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.67	85	97	Below Cal	#	42
3) Chloromethane	2.11	50	4709	Below Cal	#	76
5) Bromomethane	2.63	94	100	Below Cal	#	6
11) Tert butyl alcohol	4.95	59	330	2.253 ug/l	#	73
13) Acrolein	3.90	56	34	Below Cal	#	1
15) Acrylonitrile	5.18	53	614	1.443 ug/l	#	55
16) Acetone	3.96	43	1575	5.474 ug/l	#	73
17) Carbon Disulfide	4.18	76	236	Below Cal	#	77
20) Methylene Chloride	4.71	84	2811	2.077 ug/l	#	67
25) 2-Butanone	7.00	43	2082	3.995 ug/l	#	85
31) Cyclohexane	7.79	56	2894	Below Cal	#	1
38) Carbon Tetrachloride	7.79	117	11236	7.635 ug/l	#	18
41) Methacrylonitrile	7.32	41	97	4.418 ug/l	#	71
49) 1,4-Dioxane	9.32	88	36	2.545 ug/l	#	1
51) 4-Methyl-2-Pentanone	10.07	43	1198	1.079 ug/l	#	80
58) 2-Chloroethyl Vinyl ether	9.78	63	2372	2.699 ug/l	#	88
76) 1,2,3-Trichloropropane	12.48	75	43050	40.694 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.48	75	43050	78.264 ug/l	#	19

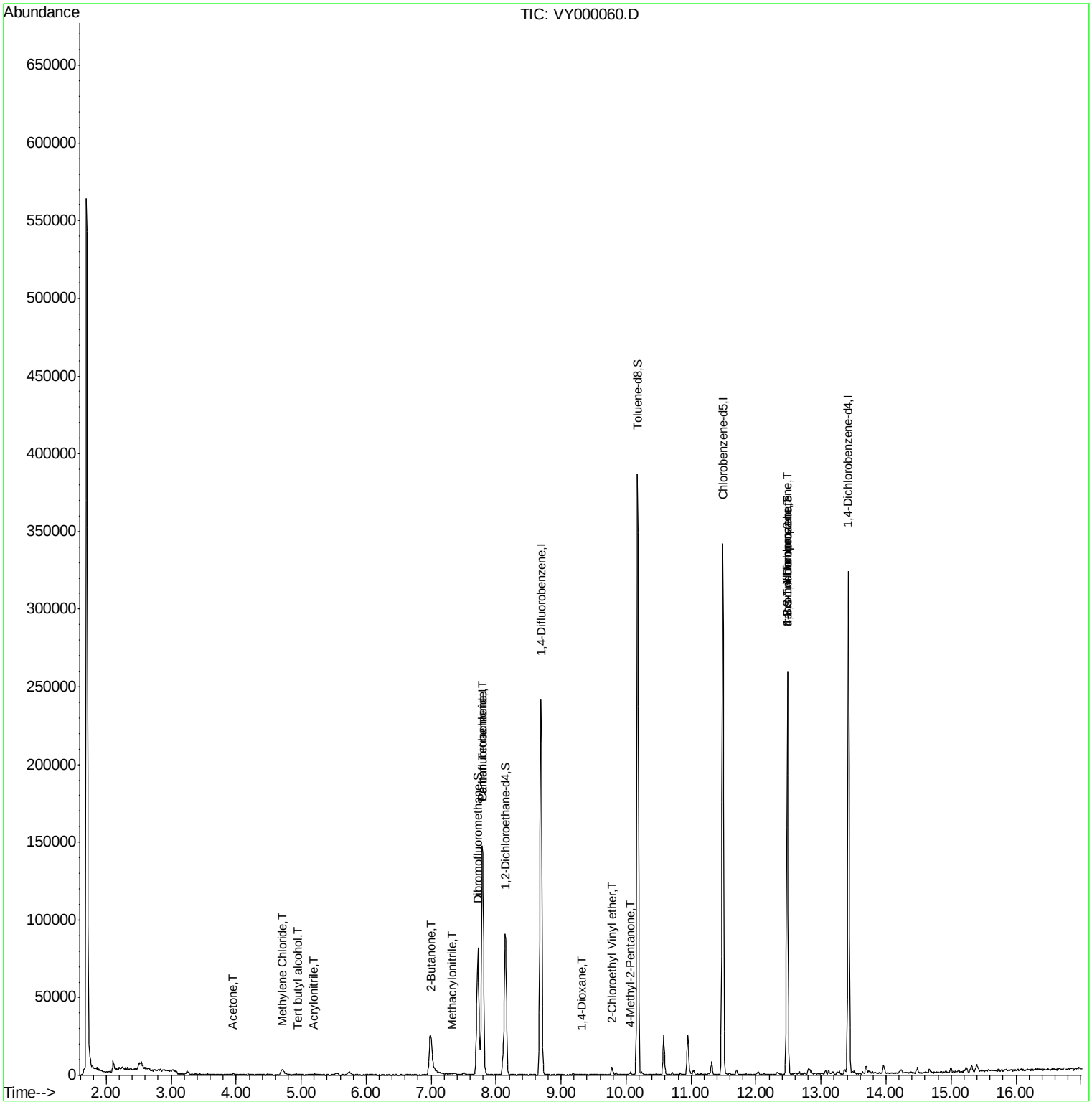
(#) = qualifier out of range (m) = manual integration (+) = signals summed

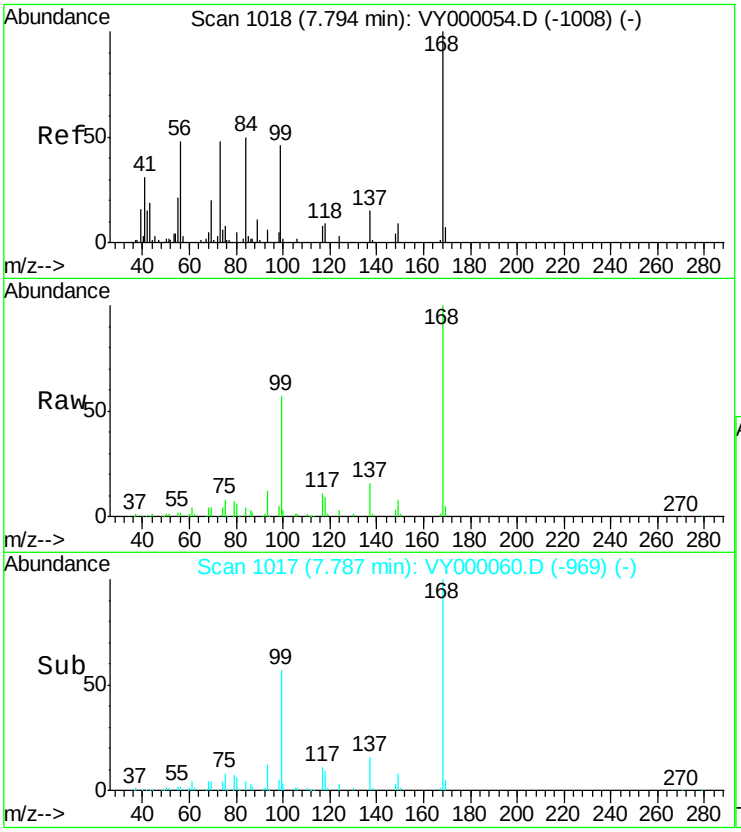
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY091819\
Data File : VY000060.D
Acq On : 18 Sep 2019 15:11
Operator : SY/MD
Sample : VY0918SBL01
Misc : 5.00g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 19 04:14:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 13:28:51 2019
Response via : Initial Calibration



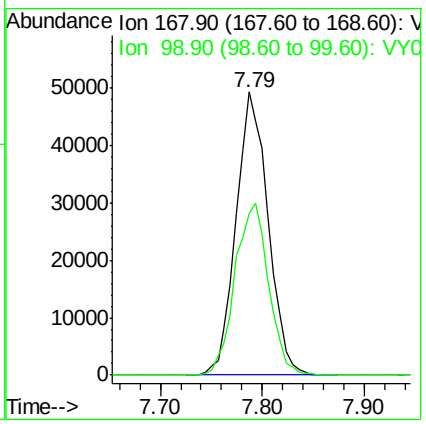


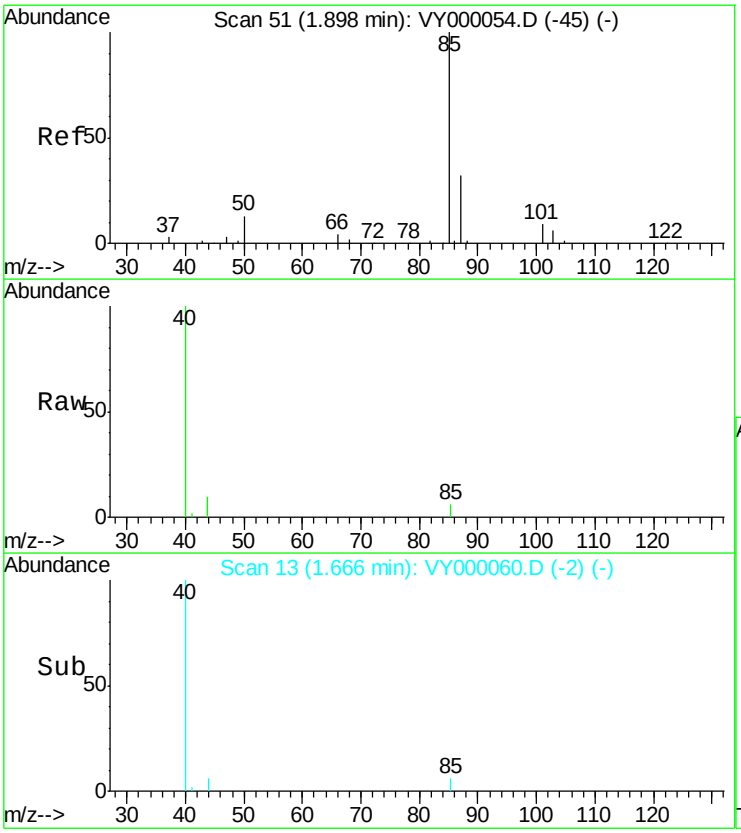
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.79 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VY000060.D
Acq: 18 Sep 2019 15:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 107410

Ion	Ratio	Lower	Upper
168	100		
99	57.1	44.2	66.2

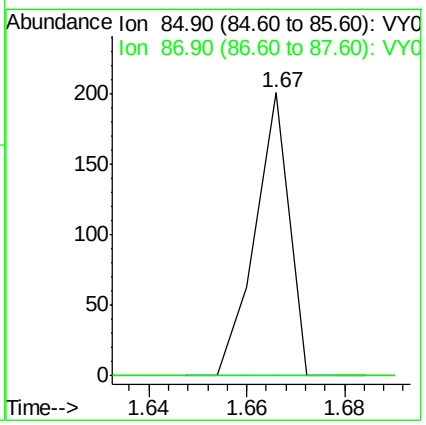


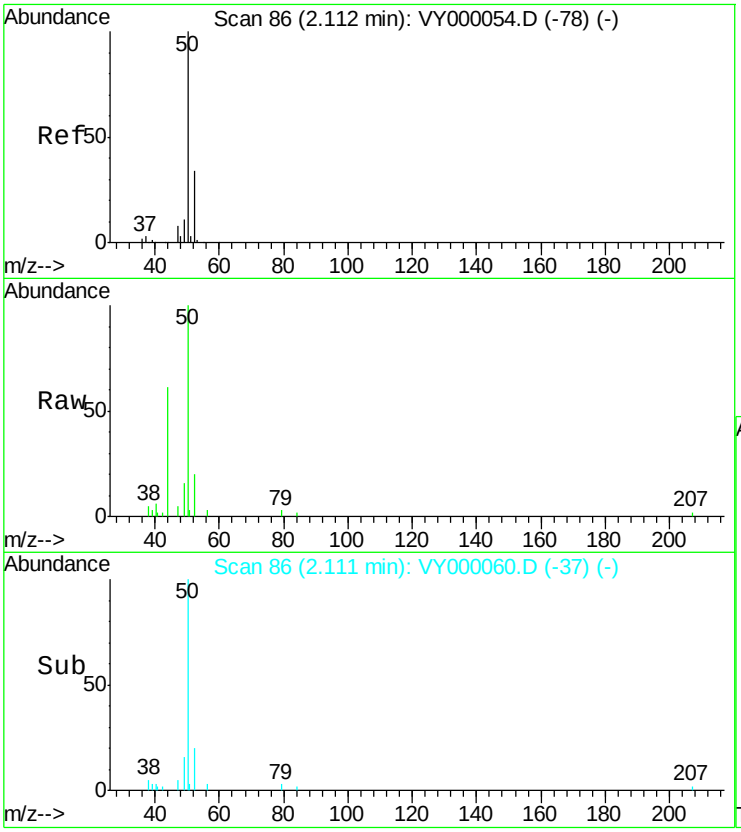


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.67 min Scan# 13
Delta R.T. -0.23 min
Lab File: VY000060.D
Acq: 18 Sep 2019 15:11

Tgt Ion: 85 Resp: 97

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.2	48.5#



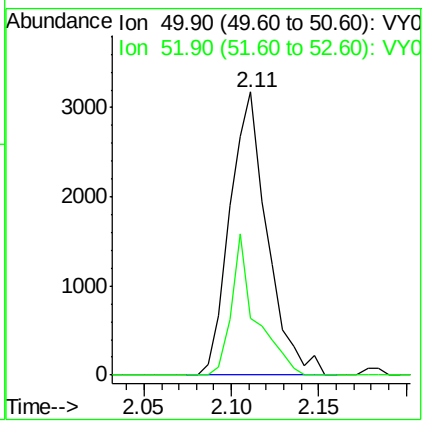


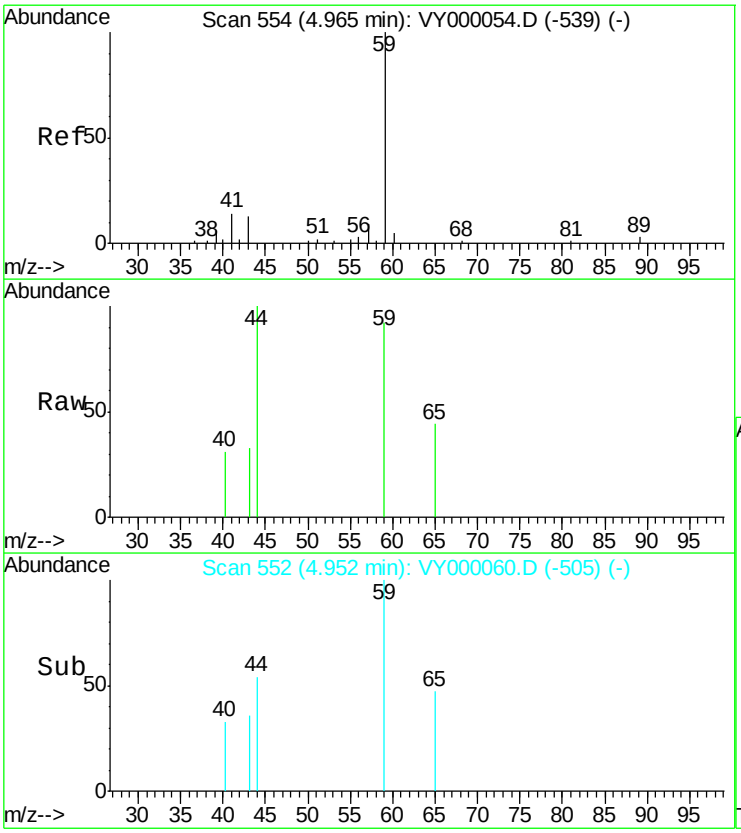
#3
Chloromethane
Concen: Below Cal
RT: 2.11 min Scan# 86
Delta R.T. 0.00 min
Lab File: VY000060.D
Acq: 18 Sep 2019 15:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 4709

Ion	Ratio	Lower	Upper
50	100		
52	20.1	27.3	40.9#

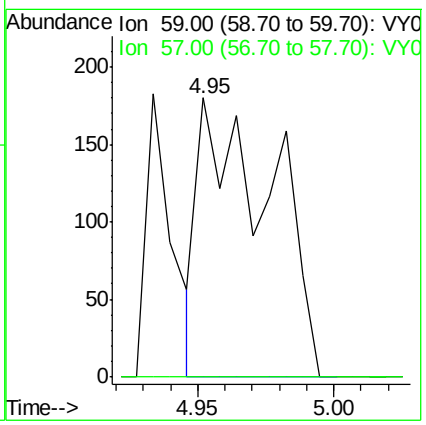


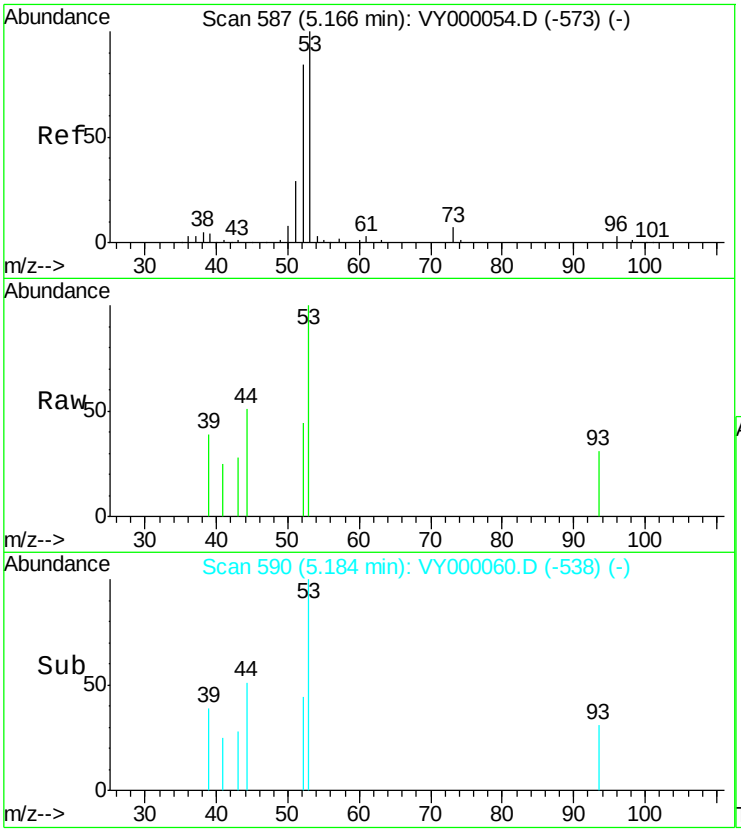


#11
Tert butyl alcohol
Concen: 2.253 ug/l
RT: 4.95 min Scan# 552
Delta R.T. -0.01 min
Lab File: VY000060.D
Acq: 18 Sep 2019 15:11

Tgt Ion: 59 Resp: 330

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0#



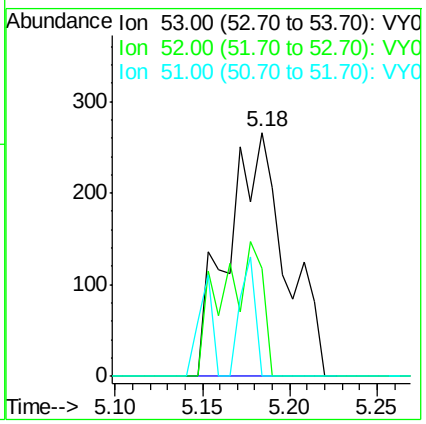


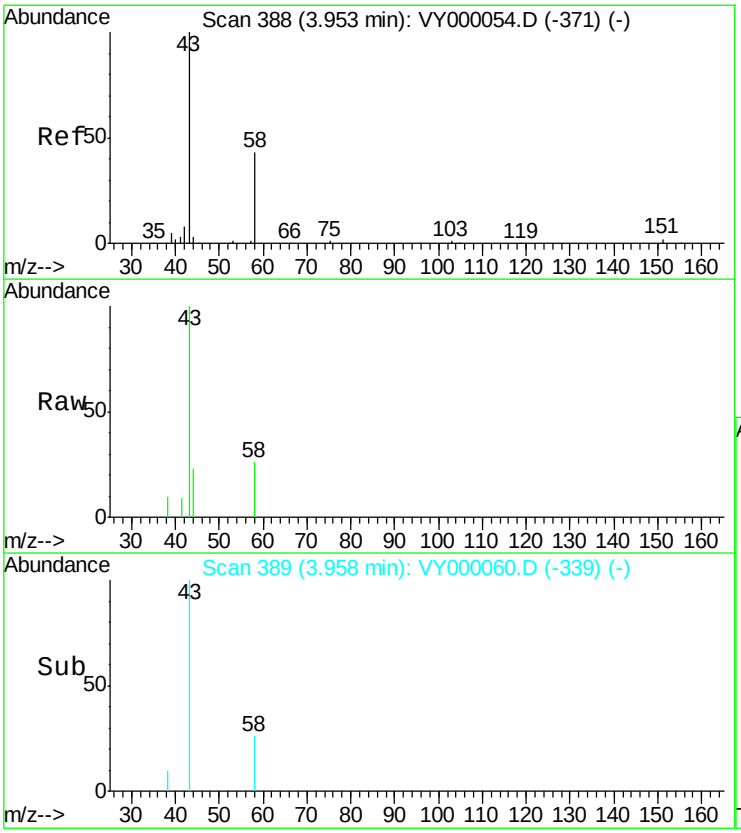
#15
Acrylonitrile
Concen: 1.443 ug/l
RT: 5.18 min Scan# 590
Delta R.T. 0.02 min
Lab File: VY000060.D
Acq: 18 Sep 2019 15:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 53 Resp: 614

Ion	Ratio	Lower	Upper
53	100		
52	38.1	64.7	97.1#
51	12.9	26.7	40.1#

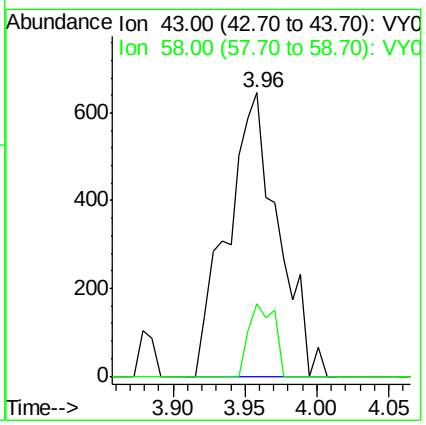


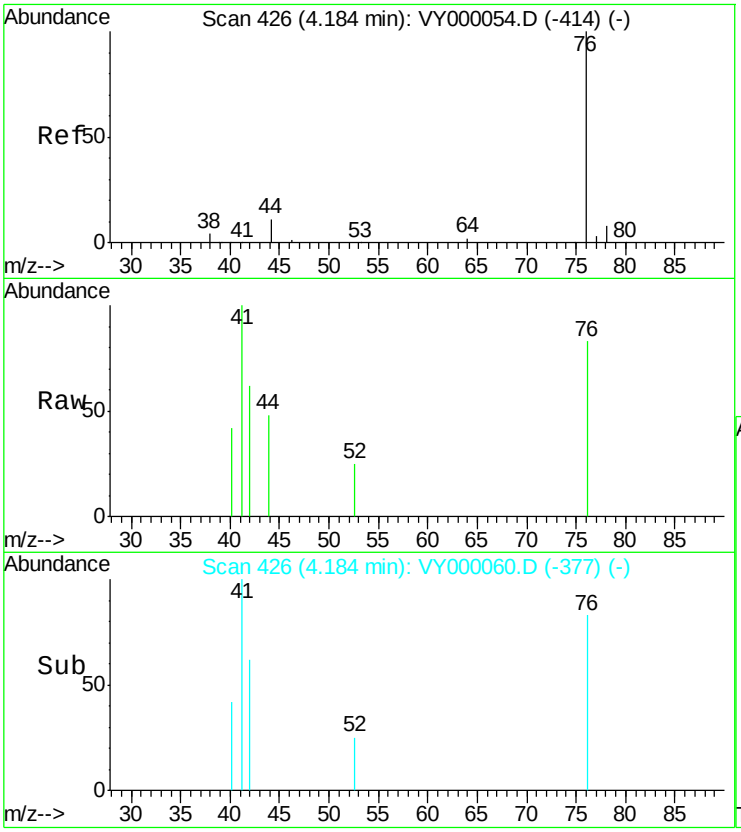


#16
Acetone
Concen: 5.474 ug/l
RT: 3.96 min Scan# 389
Delta R.T. 0.01 min
Lab File: VY000060.D
Acq: 18 Sep 2019 15:11

Tgt Ion: 43 Resp: 1575

Ion	Ratio	Lower	Upper
43	100		
58	25.7	34.5	51.7#



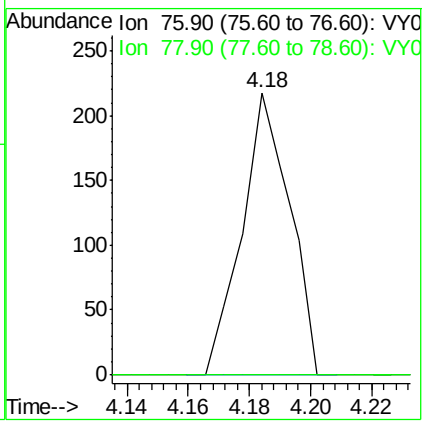


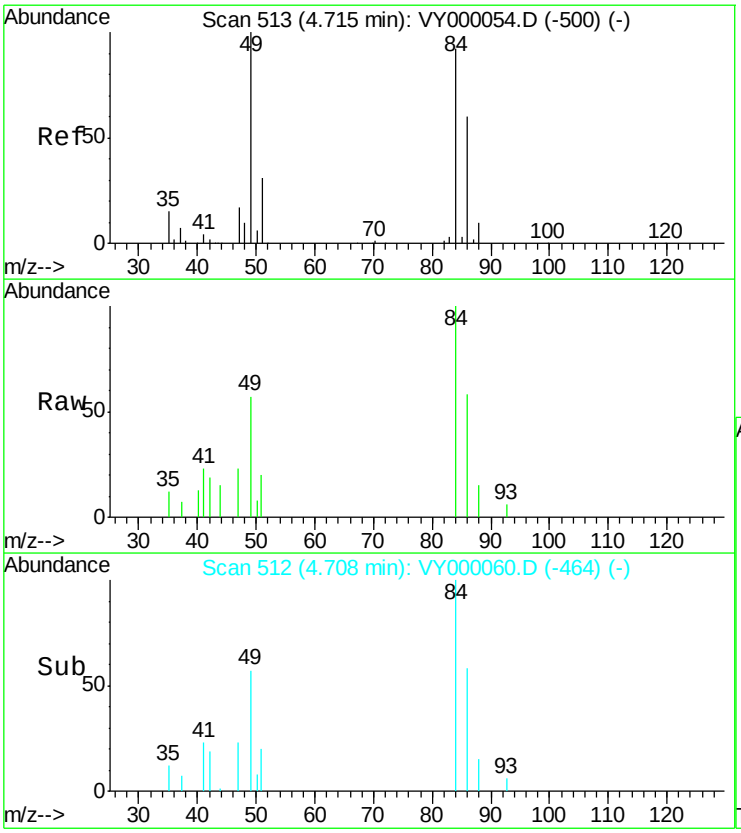
#17
Carbon Disulfide
Concen: Below Cal
RT: 4.18 min Scan# 426
Delta R.T. -0.00 min
Lab File: VY000060.D
Acq: 18 Sep 2019 15:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 236

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.6	9.8#

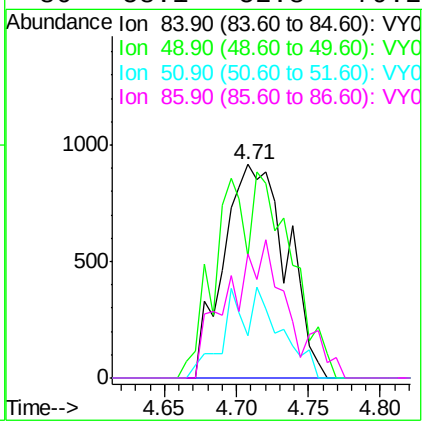


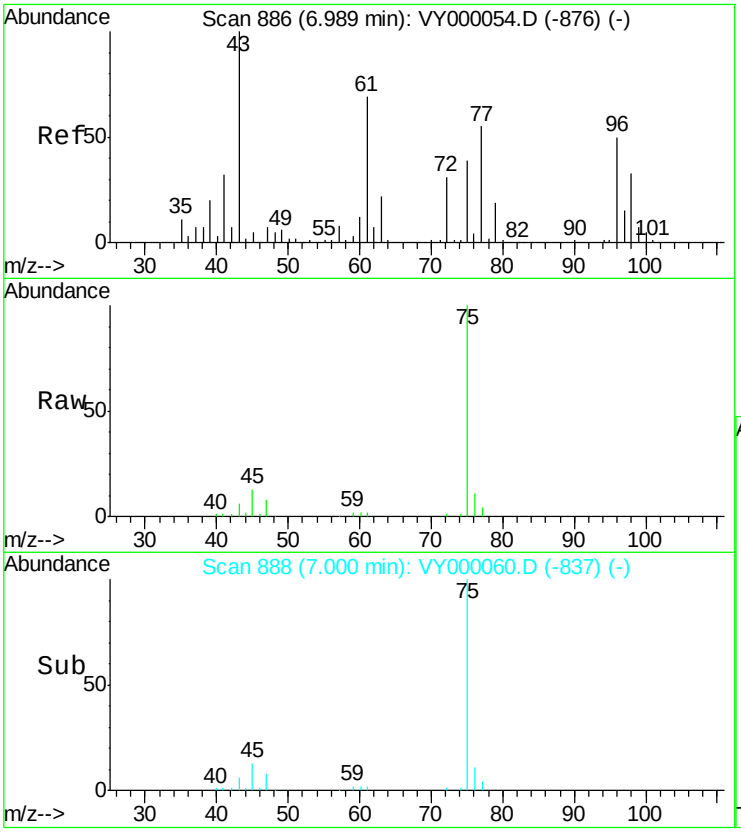


#20
Methylene Chloride
Concen: 2.077 ug/l
RT: 4.71 min Scan# 512
Delta R.T. -0.01 min
Lab File: VY000060.D
Acq: 18 Sep 2019 15:11

Tgt Ion: 84 Resp: 2811

Ion	Ratio	Lower	Upper
84	100		
49	56.7	87.4	131.0#
51	19.7	27.2	40.8#
86	58.1	52.8	79.2



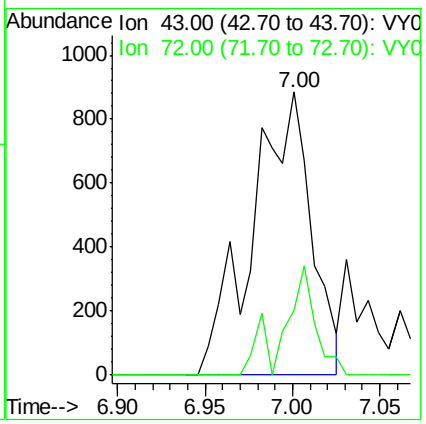


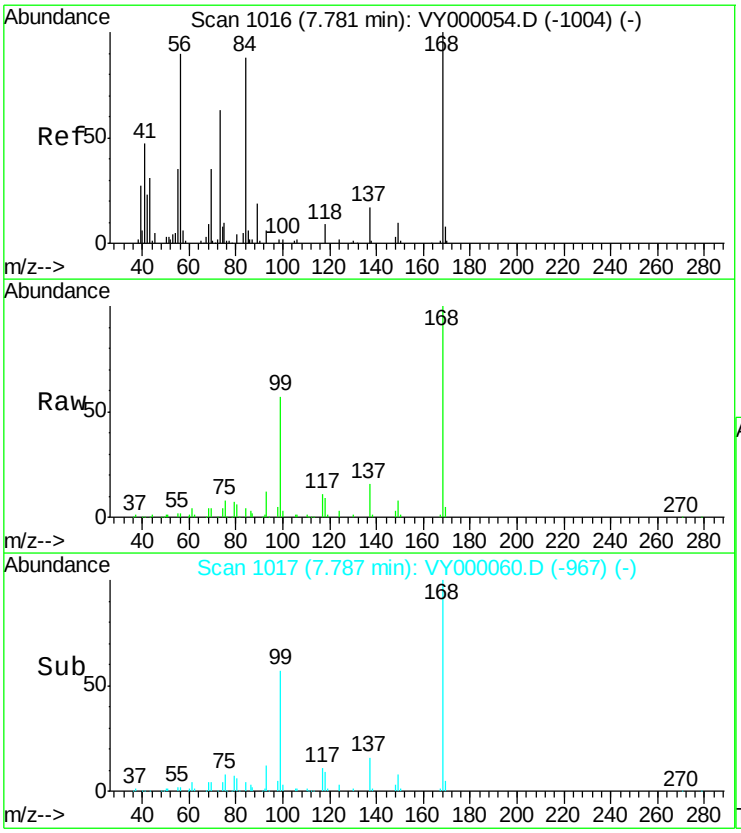
#25
2-Butanone
Concen: 3.995 ug/l
RT: 7.00 min Scan# 888
Delta R.T. 0.01 min
Lab File: VY000060.D
Acq: 18 Sep 2019 15:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 2082

Ion	Ratio	Lower	Upper
43	100		
72	22.9	24.7	37.1#

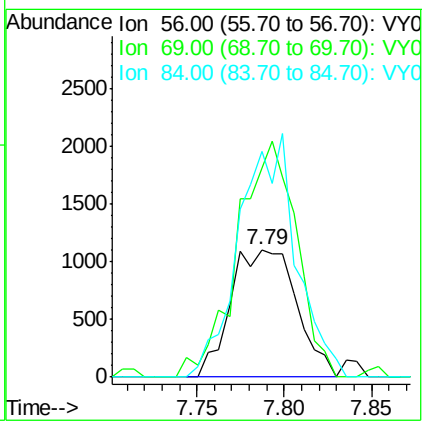


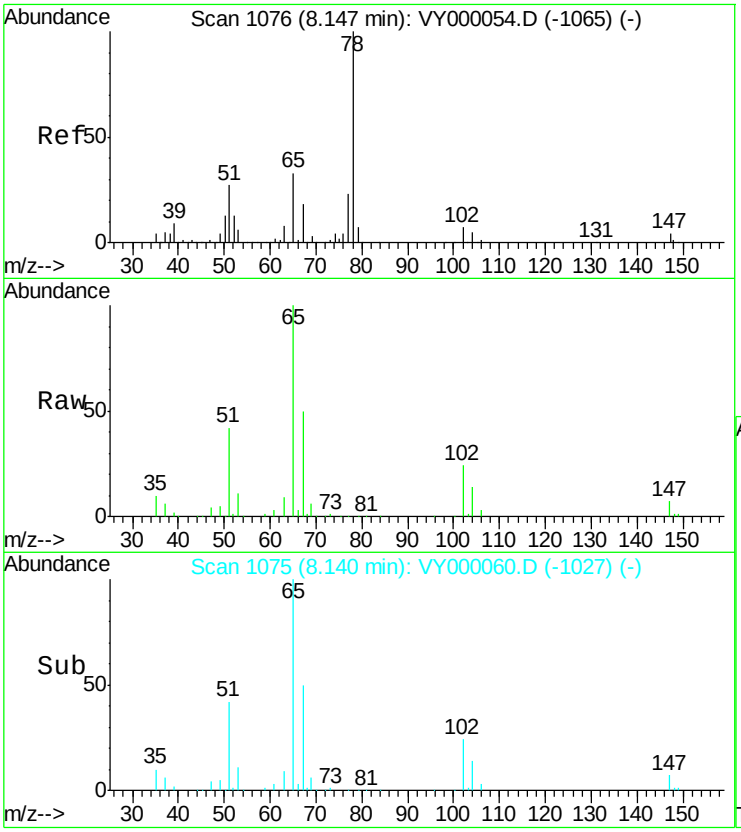


#31
Cyclohexane
Concen: Below Cal
RT: 7.79 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VY000060.D
Acq: 18 Sep 2019 15:11

Tgt Ion: 56 Resp: 2894

Ion	Ratio	Lower	Upper
56	100		
69	163.9	30.9	46.3#
84	177.4	78.5	117.7#



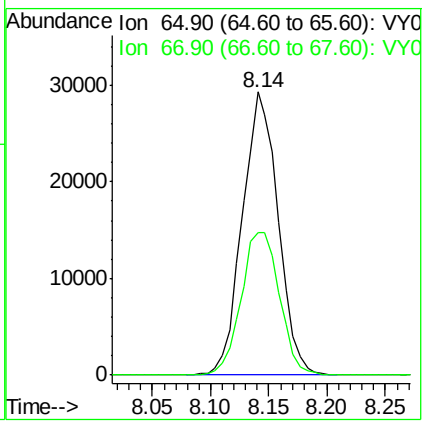


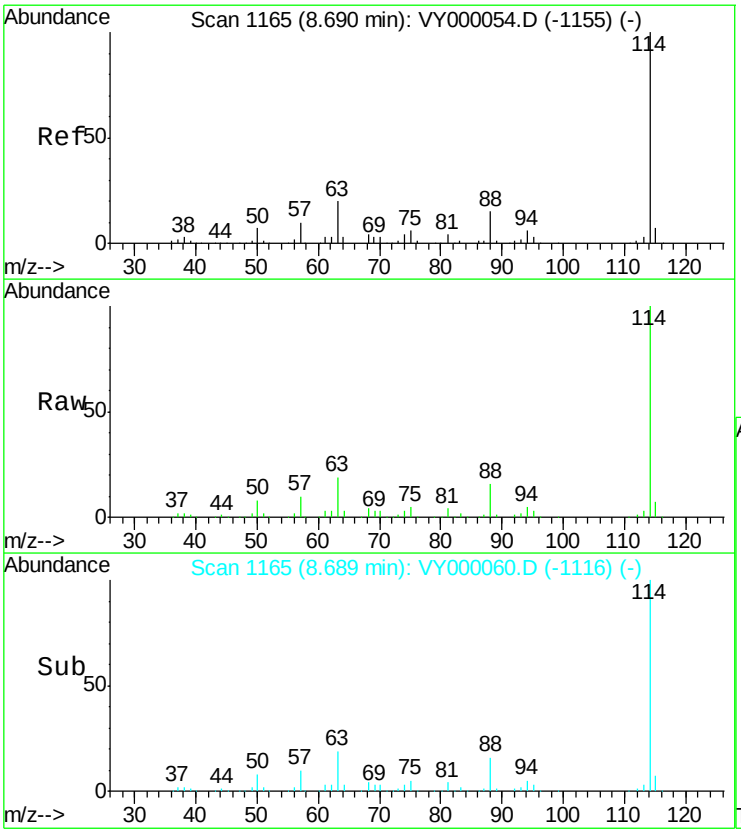
#33
1,2-Dichloroethane-d4
Concen: 50.759 ug/l
RT: 8.14 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY000060.D
Acq: 18 Sep 2019 15:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 62726

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	111.0

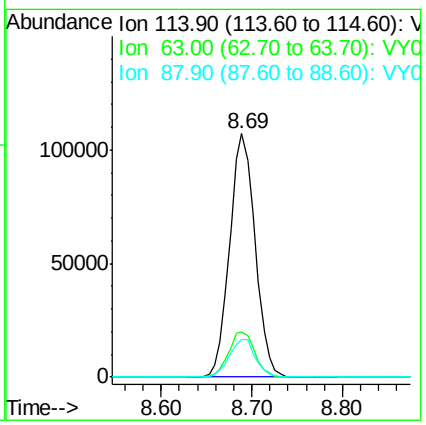


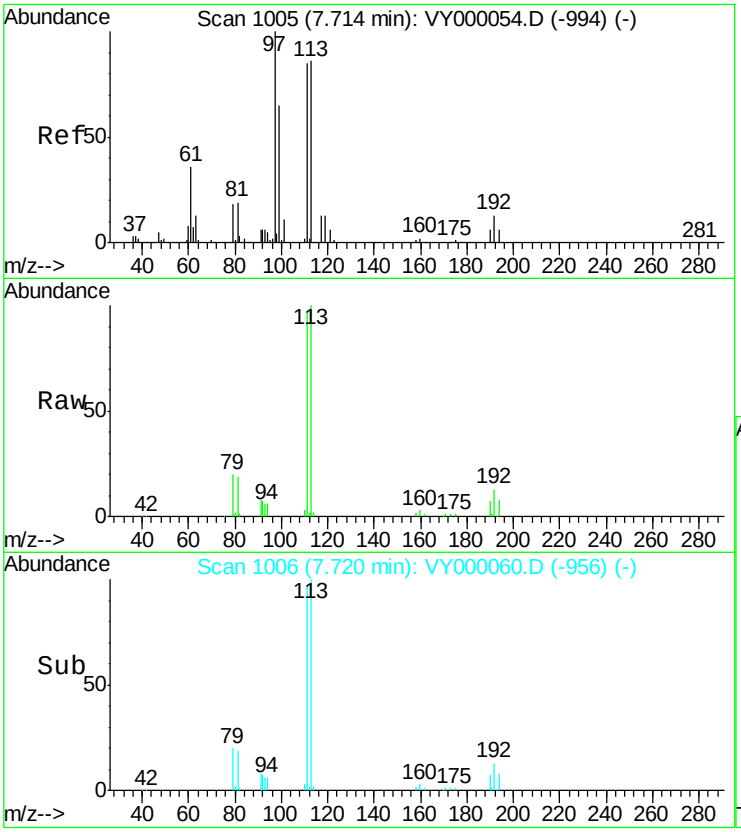


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1165
Delta R.T. -0.00 min
Lab File: VY000060.D
Acq: 18 Sep 2019 15:11

Tgt Ion:114 Resp: 208531

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	39.4
88	15.6	0.0	30.2



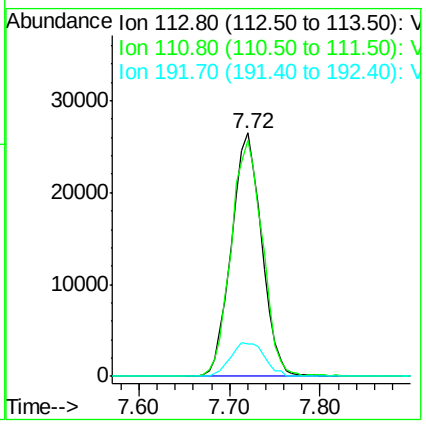


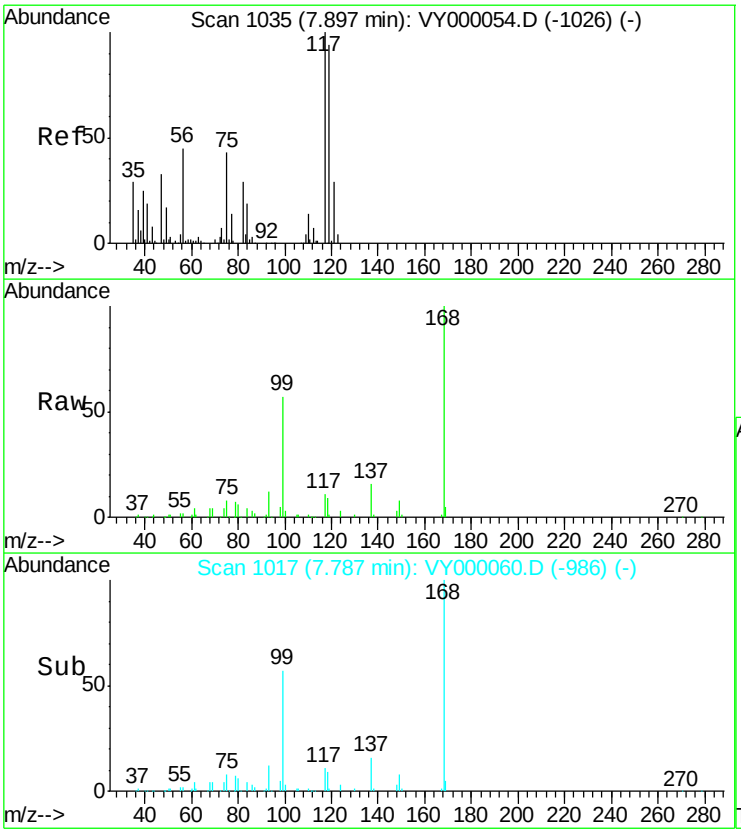
#35
Dibromofluoromethane
Concen: 48.733 ug/l
RT: 7.72 min Scan# 1006
Delta R.T. 0.01 min
Lab File: VY000060.D
Acq: 18 Sep 2019 15:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 61530

Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.7	122.5
192	15.7	13.4	20.2

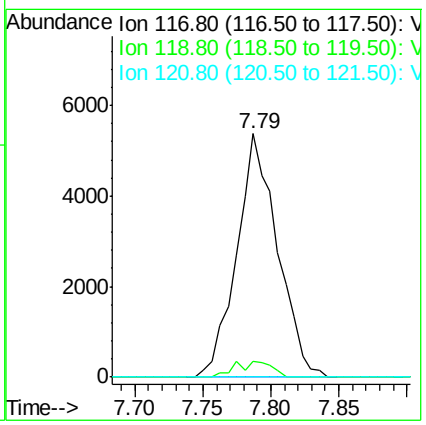


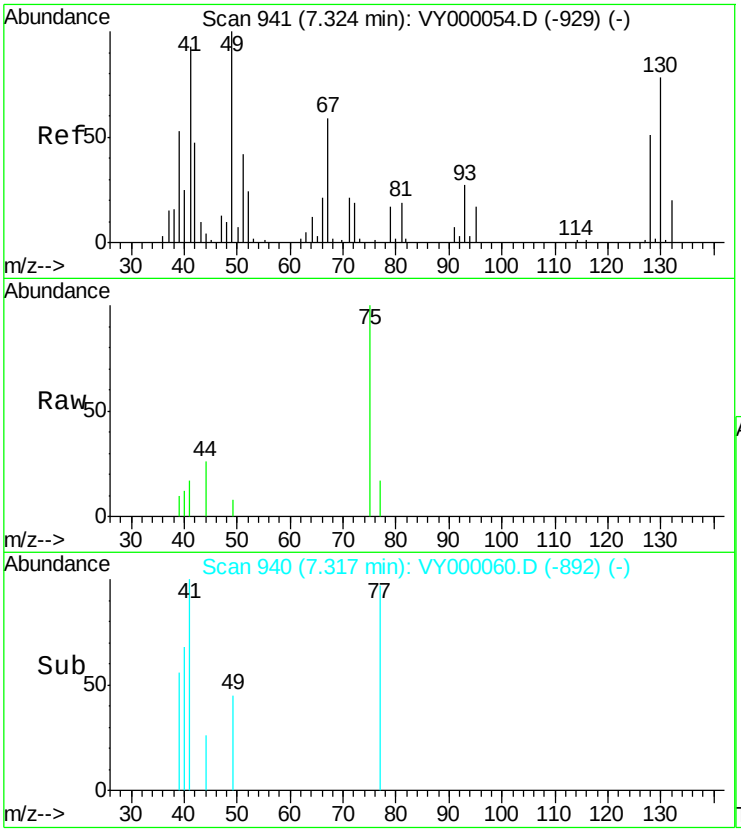


#38
Carbon Tetrachloride
Concen: 7.635 ug/l
RT: 7.79 min Scan# 1017
Delta R.T. -0.11 min
Lab File: VY000060.D
Acq: 18 Sep 2019 15:11

Tgt Ion:117 Resp: 11236

Ion	Ratio	Lower	Upper
117	100		
119	6.7	75.0	112.6#
121	0.0	22.8	34.2#



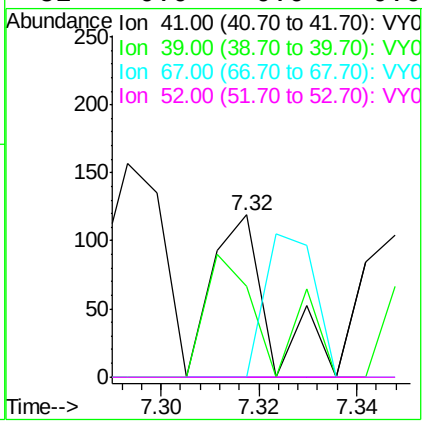


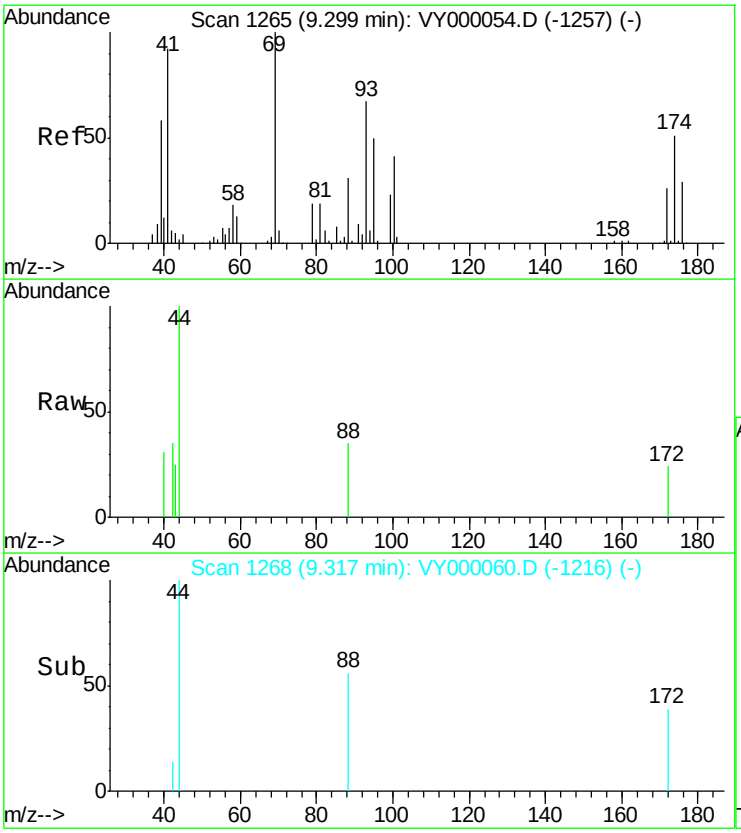
#41
Methacrylonitrile
Concen: 4.418 ug/l
RT: 7.32 min Scan# 940
Delta R.T. -0.01 min
Lab File: VY000060.D
Acq: 18 Sep 2019 15:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 97

Ion	Ratio	Lower	Upper
41	100		
39	83.5	91.8	137.6#
67	76.3	0.0	0.0#
52	0.0	0.0	0.0

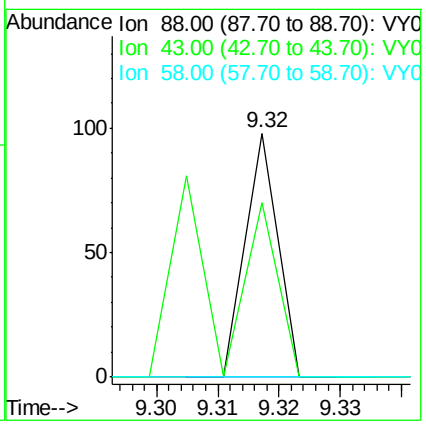


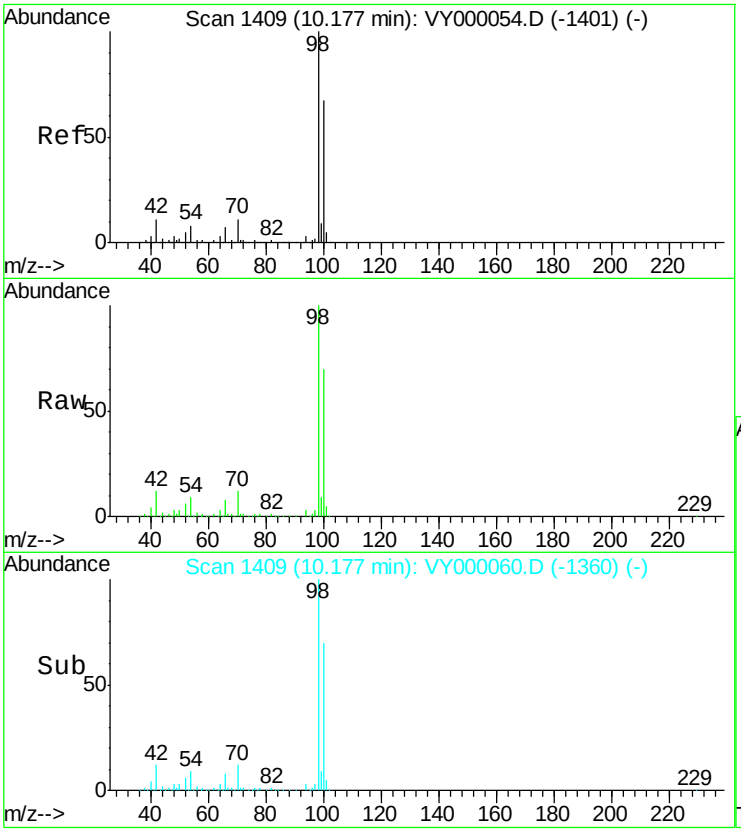


#49
1,4-Dioxane
Concen: 2.545 ug/l
RT: 9.32 min Scan# 1268
Delta R.T. 0.02 min
Lab File: VY000060.D
Acq: 18 Sep 2019 15:11

Tgt Ion: 88 Resp: 36

Ion	Ratio	Lower	Upper
88	100		
43	152.8	18.7	28.1#
58	0.0	53.0	79.6#



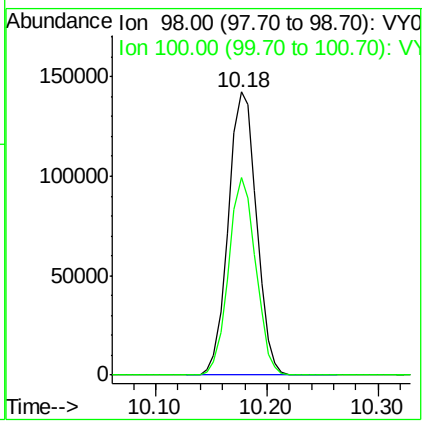


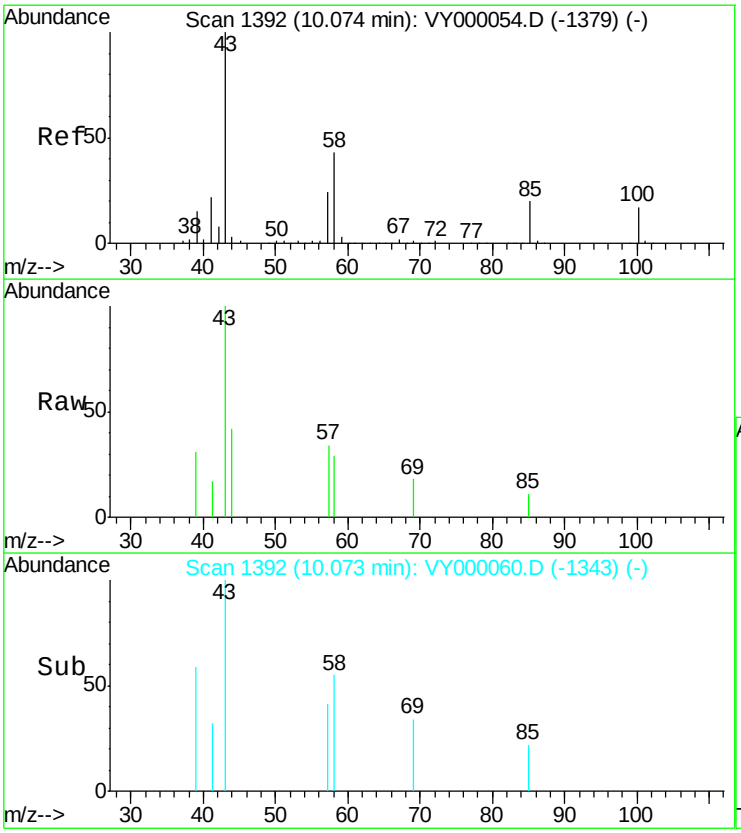
#50
Toluene-d8
Concen: 50.225 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000060.D
Acq: 18 Sep 2019 15:11

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 249071

Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.1	79.7

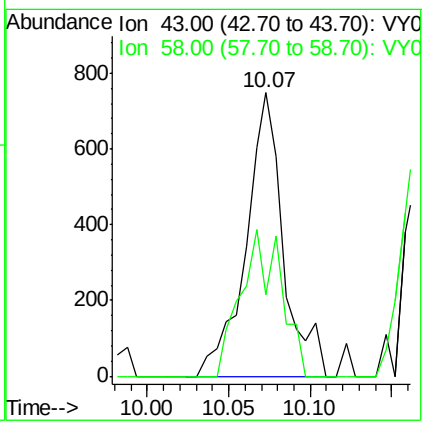


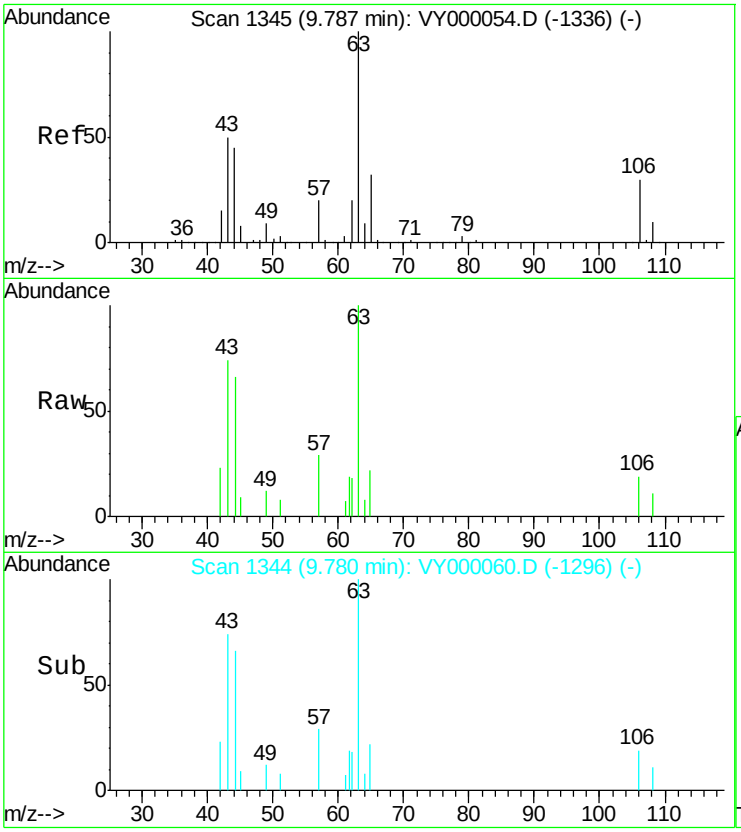


#51
4-Methyl-2-Pentanone
Concen: 1.079 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VY000060.D
Acq: 18 Sep 2019 15:11

Tgt Ion: 43 Resp: 1198

Ion	Ratio	Lower	Upper
43	100		
58	55.2	34.2	51.2#



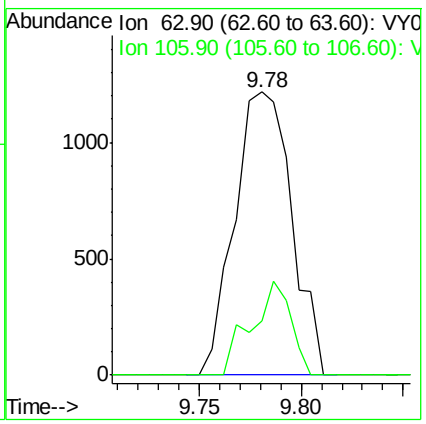


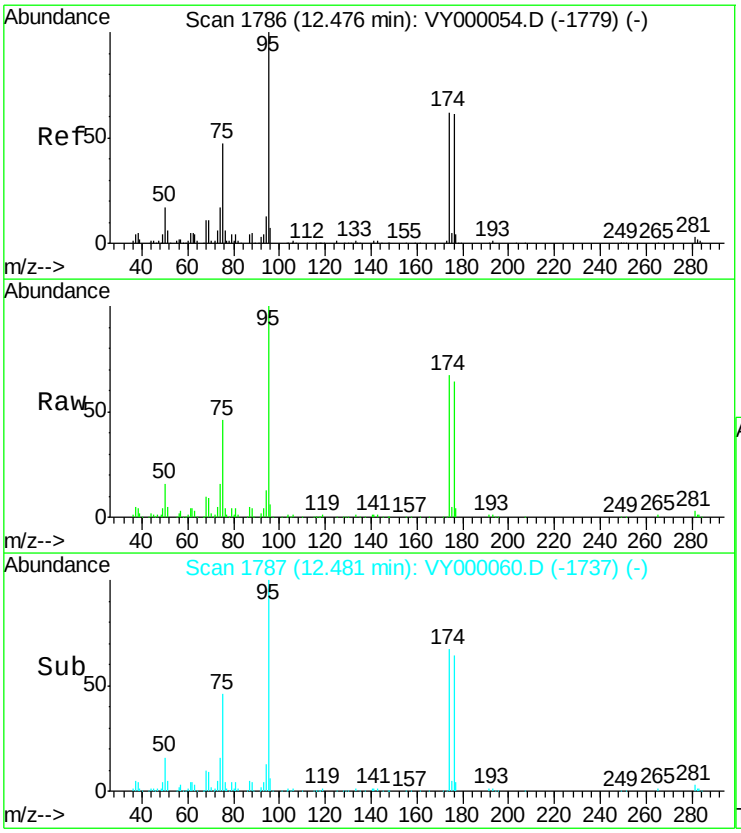
#58
2-Chloroethyl Vinyl ether
Concen: 2.699 ug/l
RT: 9.78 min Scan# 1344
Delta R.T. -0.01 min
Lab File: VY000060.D
Acq: 18 Sep 2019 15:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 63 Resp: 2372

Ion	Ratio	Lower	Upper
63	100		
106	22.9	23.3	34.9#

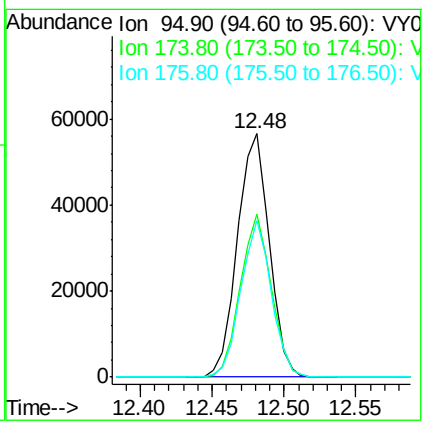


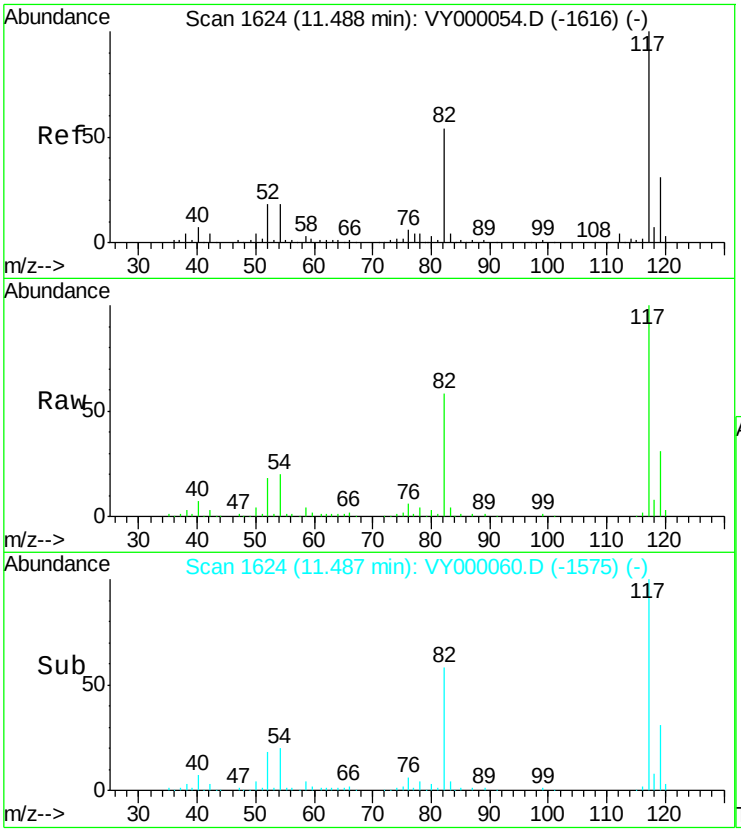


#62
4-Bromofluorobenzene
Concen: 47.159 ug/l
RT: 12.48 min Scan# 1787
Delta R.T. 0.01 min
Lab File: VY000060.D
Acq: 18 Sep 2019 15:11

Tgt Ion: 95 Resp: 86829

Ion	Ratio	Lower	Upper
95	100		
174	64.9	0.0	137.2
176	61.3	0.0	135.0



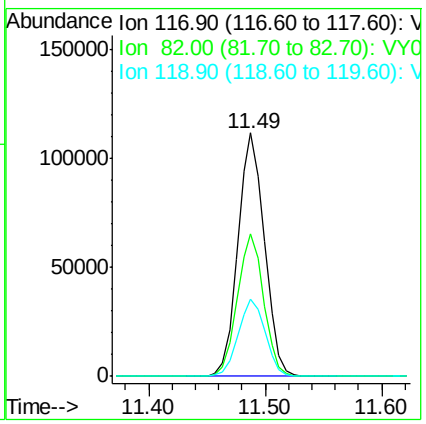


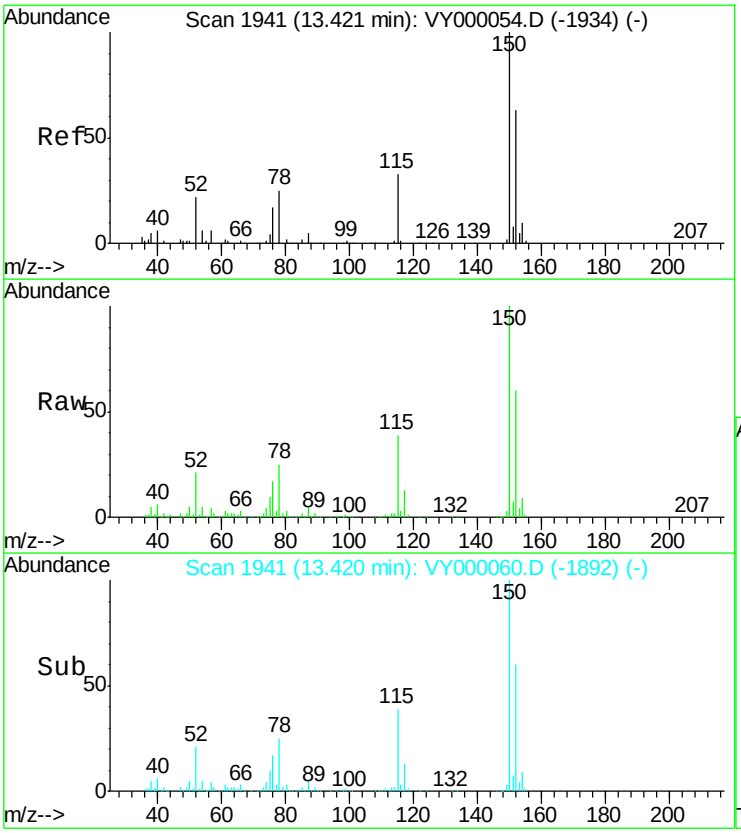
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000060.D
Acq: 18 Sep 2019 15:11

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 177554

Ion	Ratio	Lower	Upper
117	100		
82	58.4	43.5	65.3
119	31.5	24.6	36.8

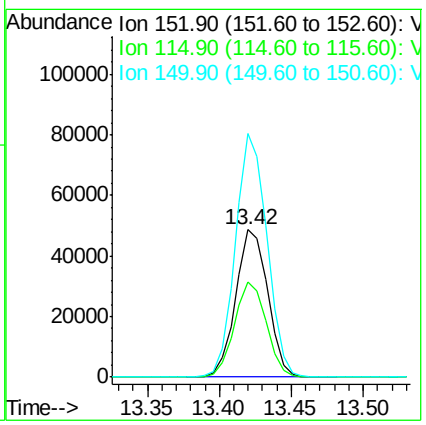


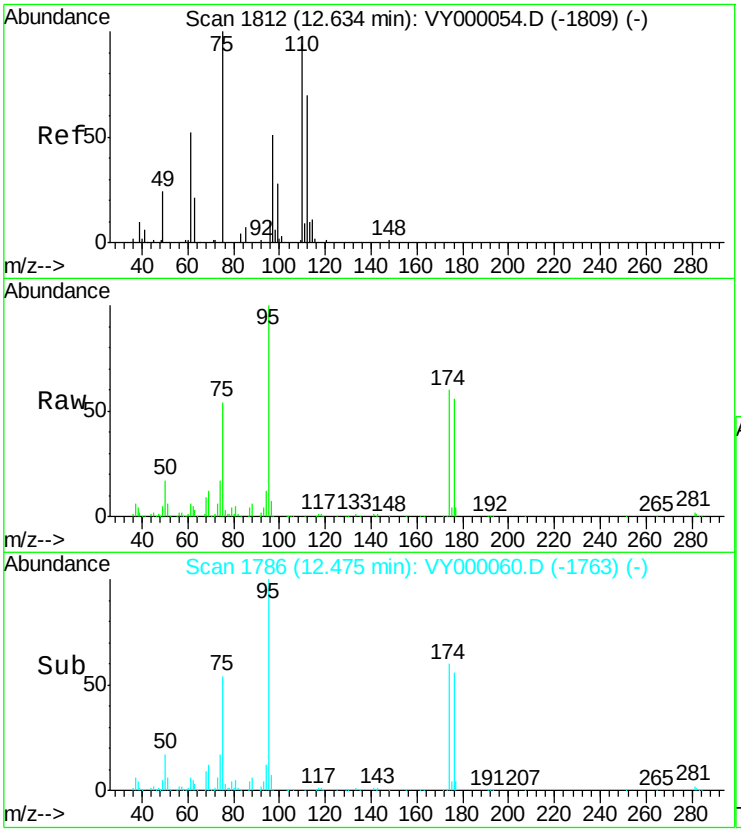


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000060.D
Acq: 18 Sep 2019 15:11

Tgt Ion:152 Resp: 75189

Ion	Ratio	Lower	Upper
152	100		
115	64.5	30.7	92.1
150	162.7	0.0	351.6



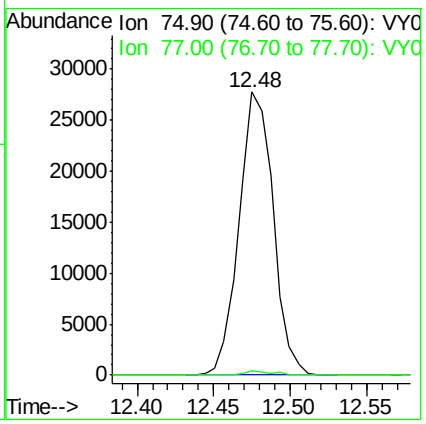


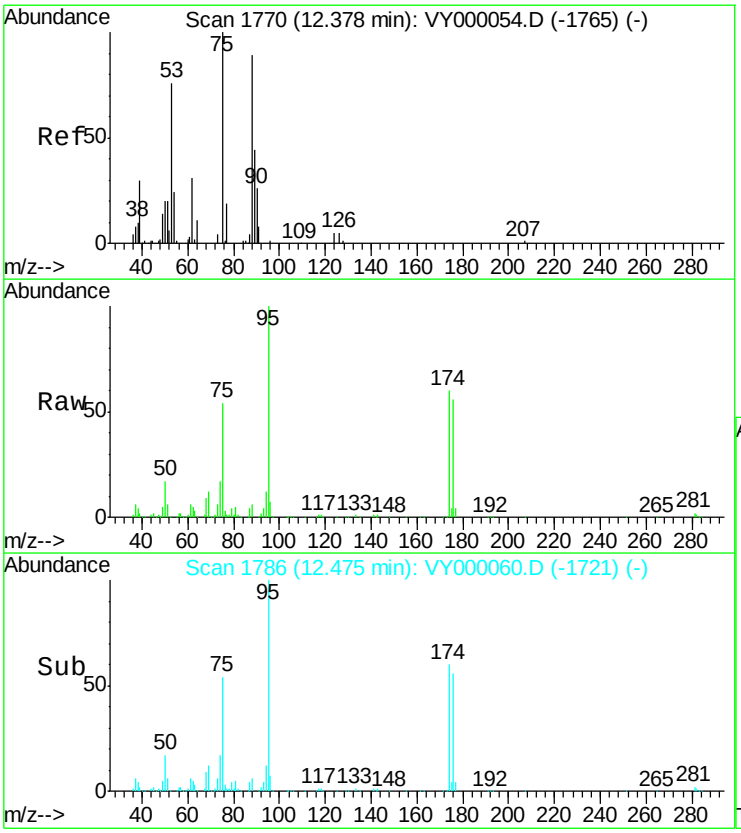
#76
1,2,3-Trichloropropane
Concen: 40.694 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.16 min
Lab File: VY000060.D
Acq: 18 Sep 2019 15:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 43050

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 78.264 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. 0.10 min
Lab File: VY000060.D
Acq: 18 Sep 2019 15:11

Tgt Ion: 75 Resp: 43050

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