Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY092019\
Data File : VY000118.D
Acq On : 20 Sep 2019 19:11
Operator : SY/MD
Sample : K4938-03
Misc : 5.01g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Sep 20 23:50:08 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	83503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	177773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	152582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	56631	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	52830	54.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.98%			
35) Dibromofluoromethane	7.72	113	50465	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.76%			
50) Toluene-d8	10.18	98	215328	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.86%			
62) 4-Bromofluorobenzene	12.48	95	69870	44.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.02%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.13	85	41	Below Cal	#	42
3) Chloromethane	2.11	50	1598	Below Cal	#	76
5) Bromomethane	2.68	94	75	Below Cal	#	6
13) Acrolein	3.84	56	52	Below Cal	#	80
16) Acetone	3.95	43	1353	6.049	ug/l	91
20) Methylene Chloride	4.71	84	10365	9.850	ug/l	92
25) 2-Butanone	6.98	43	459	1.133	ug/l #	44
29) Tetrahydrofuran	7.35	42	104134	428.144	ug/l	99
31) Cyclohexane	7.78	56	1119	Below Cal	#	49
36) 1,1-Dichloropropene	7.80	75	7442	5.599	ug/l #	49
38) Carbon Tetrachloride	7.79	117	9511	7.581	ug/l #	14
41) Methacrylonitrile	7.35	41	54662	89.703	ug/l #	37
49) 1,4-Dioxane	9.52	88	21	1.741	ug/l #	3
76) 1,2,3-Trichloropropane	12.48	75	34412	43.188	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	34412	83.062	ug/l #	19

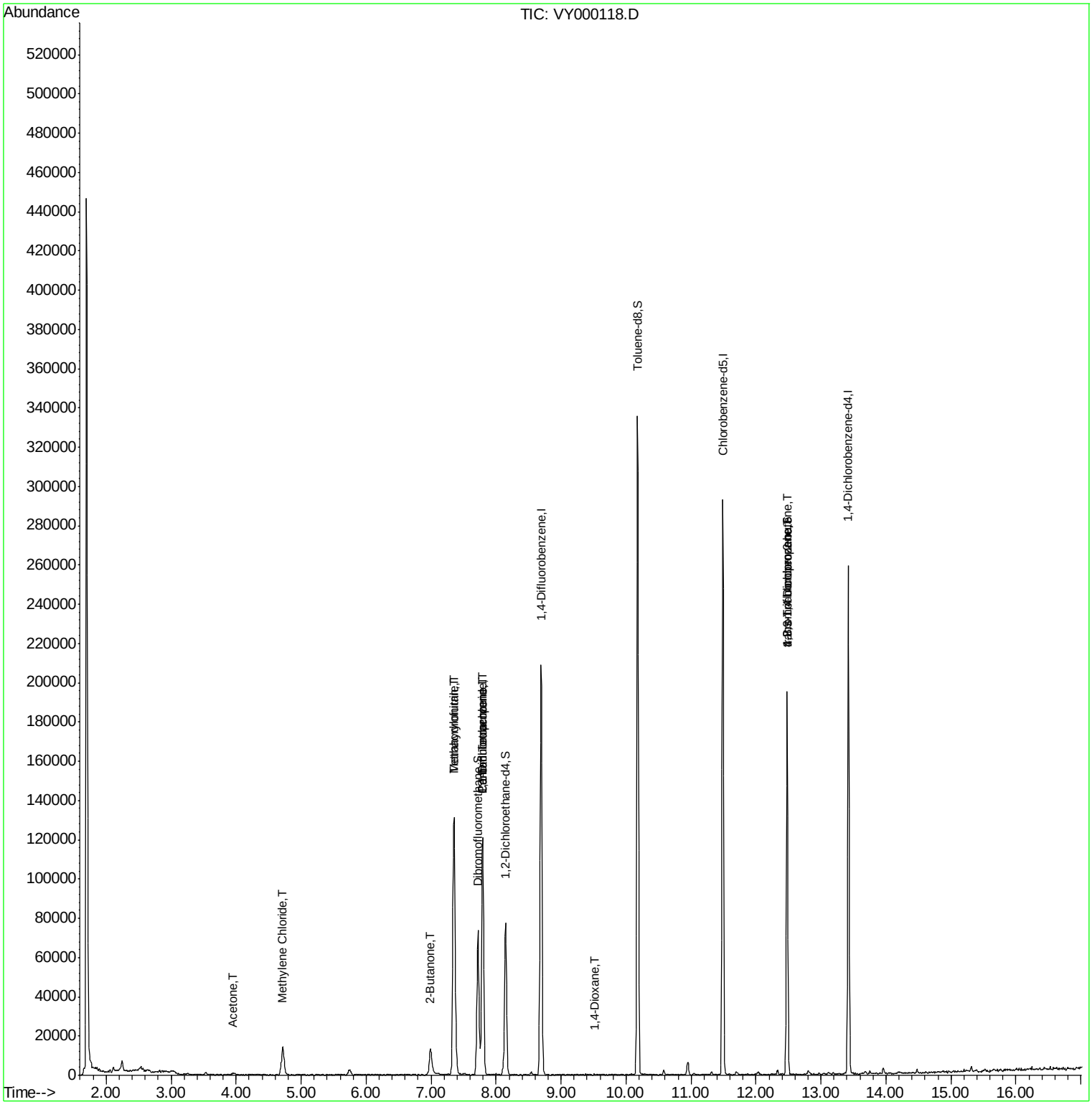
(#) = qualifier out of range (m) = manual integration (+) = signals summed

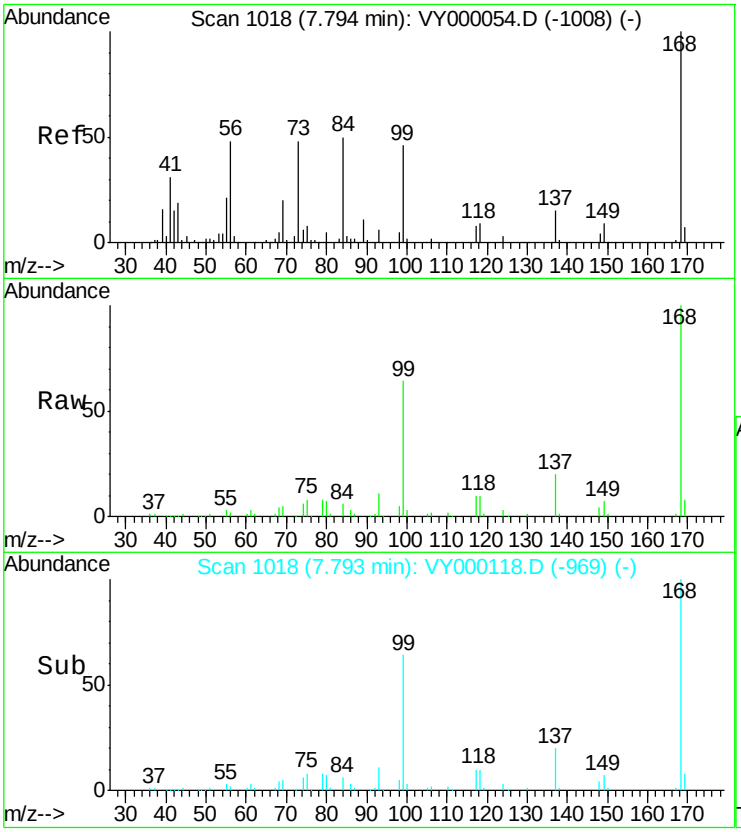
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY092019\
Data File : VY000118.D
Acq On : 20 Sep 2019 19:11
Operator : SY/MD
Sample : K4938-03
Misc : 5.01g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 20 23:50:08 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



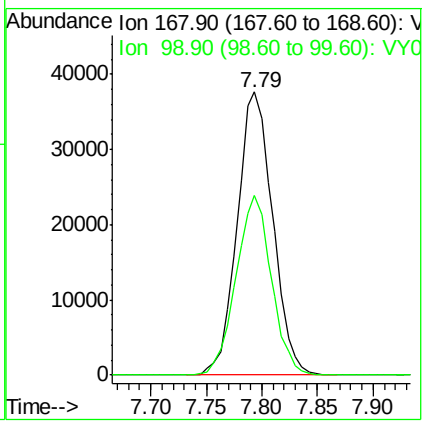


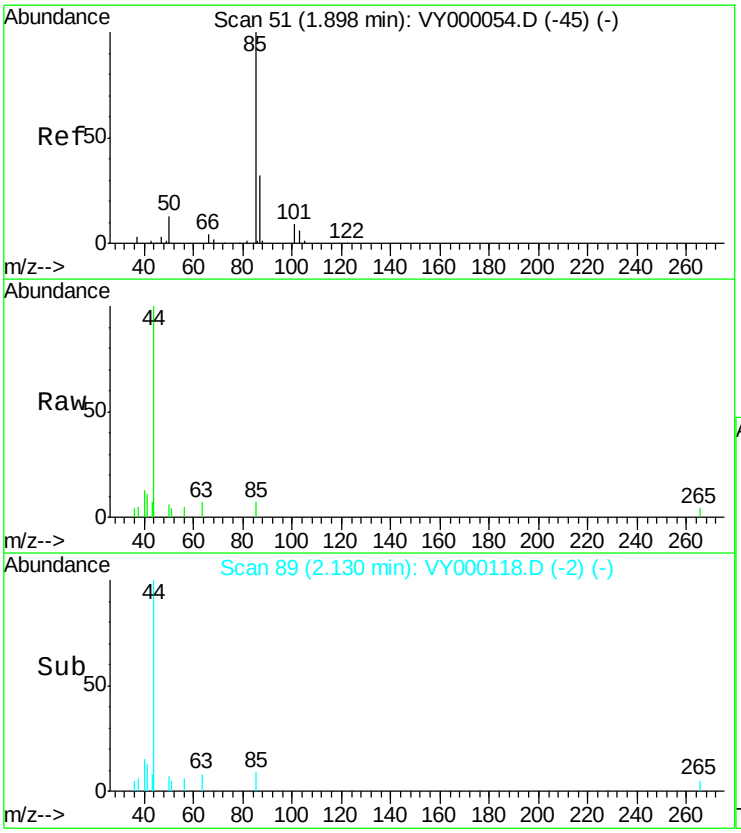
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.79 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VY000118.D
Acq: 20 Sep 2019 19:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 83503

Ion	Ratio	Lower	Upper
168	100		
99	63.6	44.2	66.2

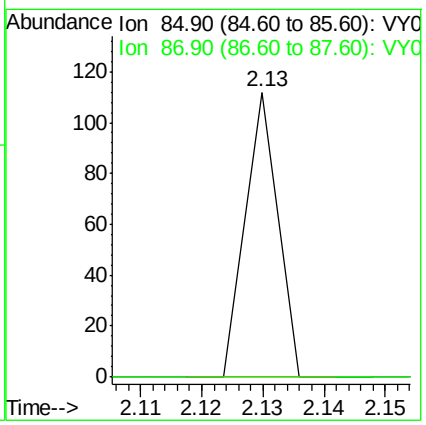


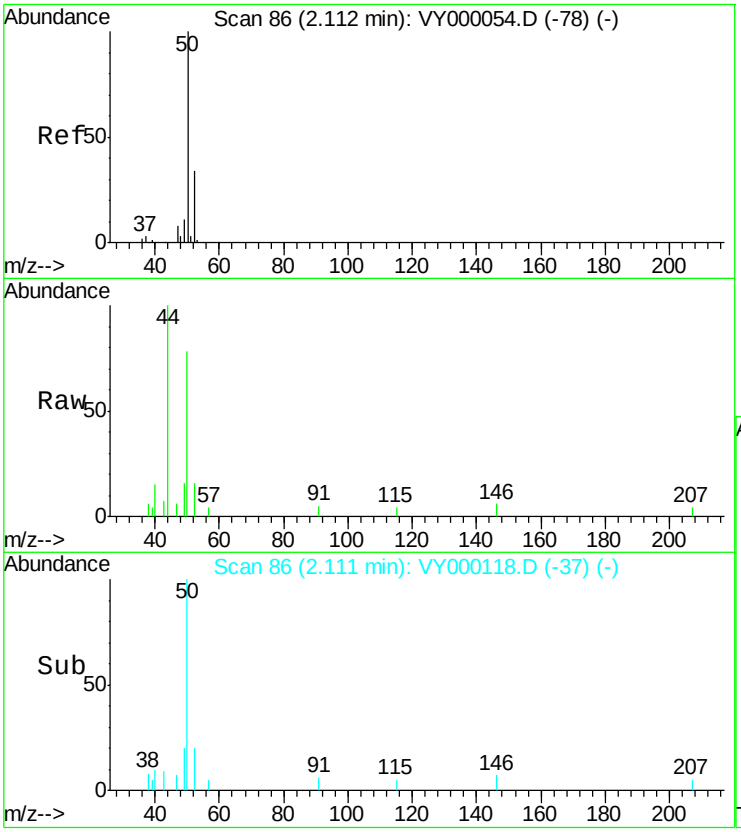


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.13 min Scan# 89
Delta R.T. 0.23 min
Lab File: VY000118.D
Acq: 20 Sep 2019 19:11

Tgt Ion: 85 Resp: 41

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.2	48.5#



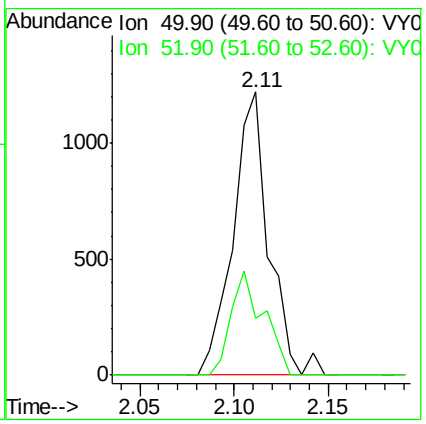


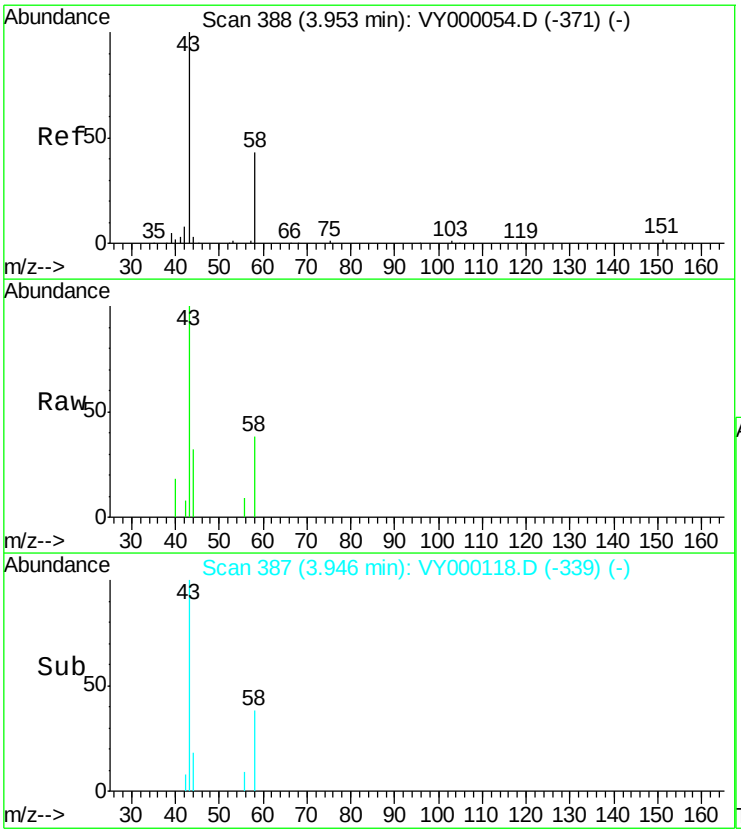
#3
Chloromethane
Concen: Below Cal
RT: 2.11 min Scan# 86
Delta R.T. 0.00 min
Lab File: VY000118.D
Acq: 20 Sep 2019 19:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 1598

Ion	Ratio	Lower	Upper
50	100		
52	20.2	27.3	40.9#

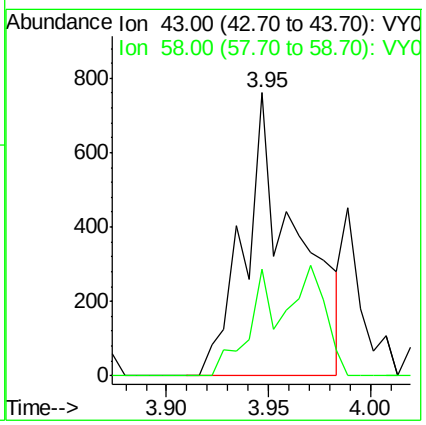


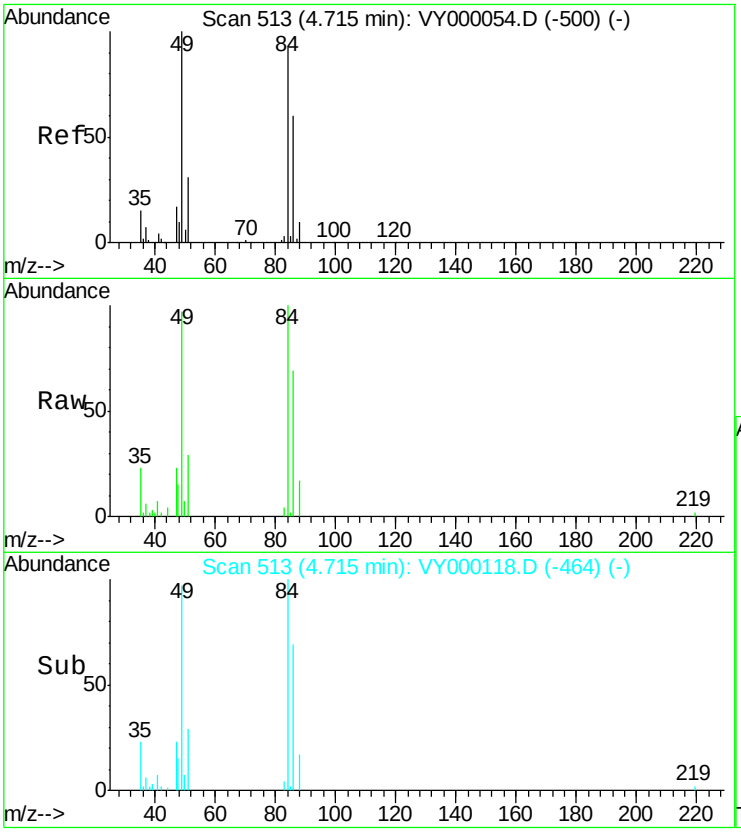


#16
Acetone
Concen: 6.049 ug/l
RT: 3.95 min Scan# 387
Delta R.T. -0.01 min
Lab File: VY000118.D
Acq: 20 Sep 2019 19:11

Tgt Ion: 43 Resp: 1353

Ion	Ratio	Lower	Upper
43	100		
58	37.6	34.5	51.7



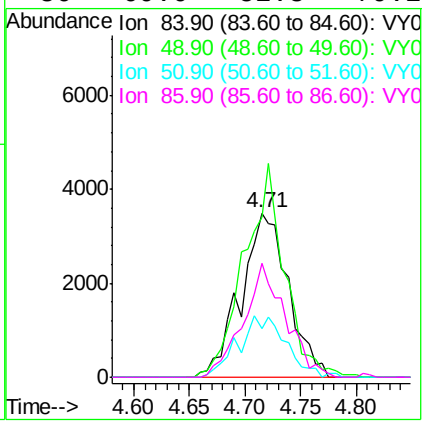


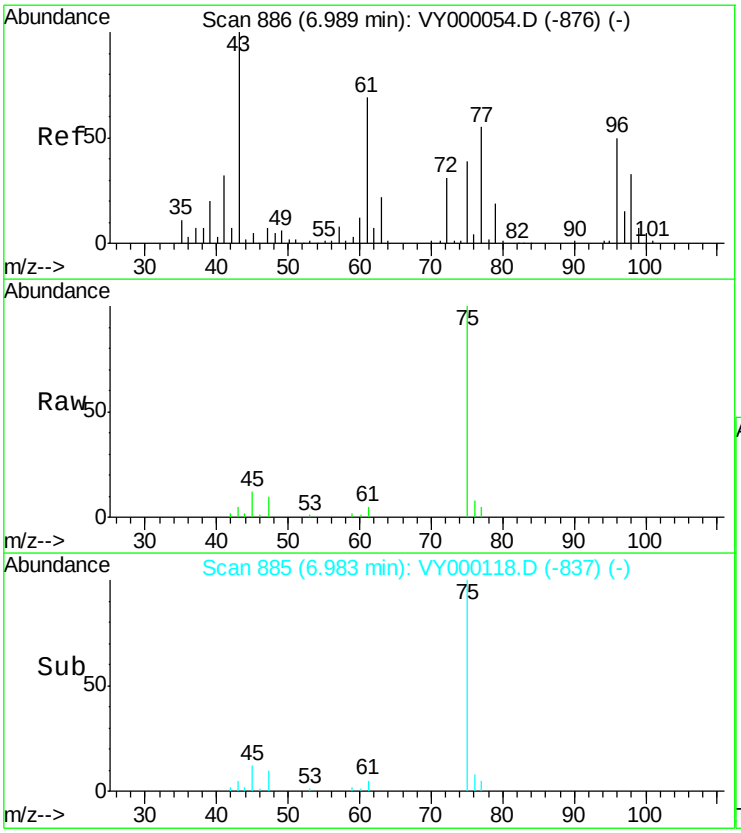
#20
Methylene Chloride
Concen: 9.850 ug/l
RT: 4.71 min Scan# 513
Delta R.T. -0.00 min
Lab File: VY000118.D
Acq: 20 Sep 2019 19:11

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 10365

Ion	Ratio	Lower	Upper
84	100		
49	97.4	87.4	131.0
51	29.3	27.2	40.8
86	69.0	52.8	79.2

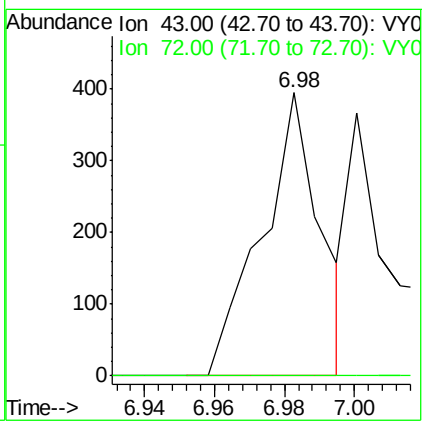


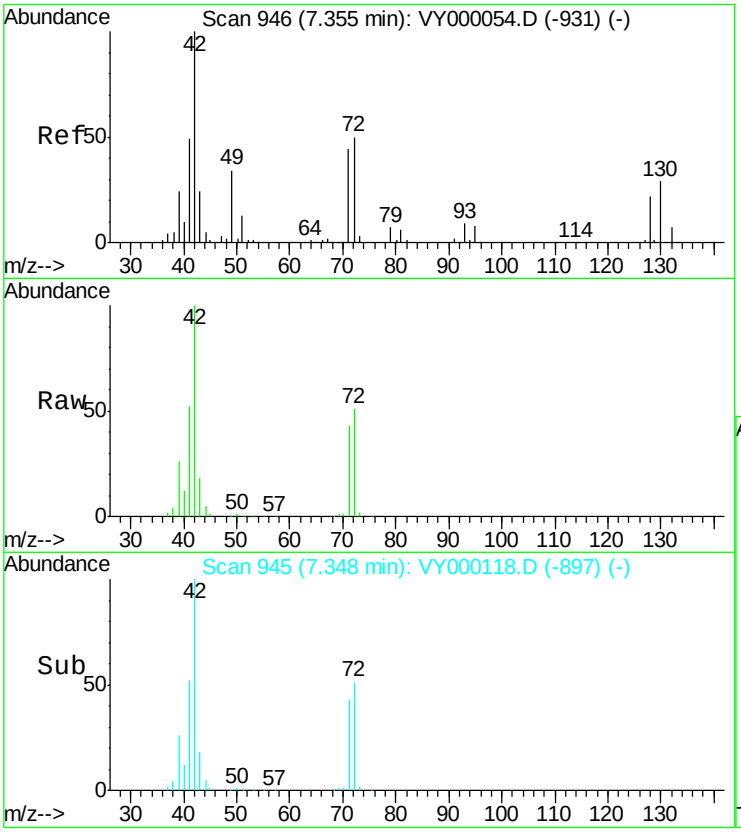


#25
2-Butanone
Concen: 1.133 ug/l
RT: 6.98 min Scan# 885
Delta R.T. -0.01 min
Lab File: VY000118.D
Acq: 20 Sep 2019 19:11

Tgt Ion: 43 Resp: 459

Ion	Ratio	Lower	Upper
43	100		
72	0.0	24.7	37.1#



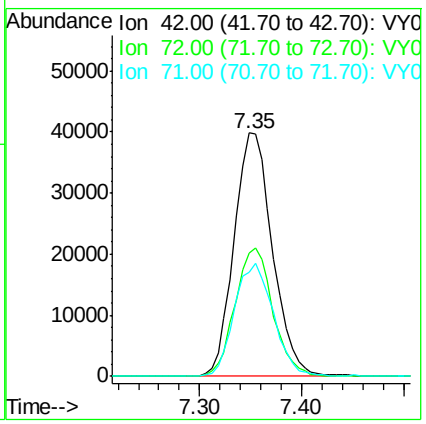


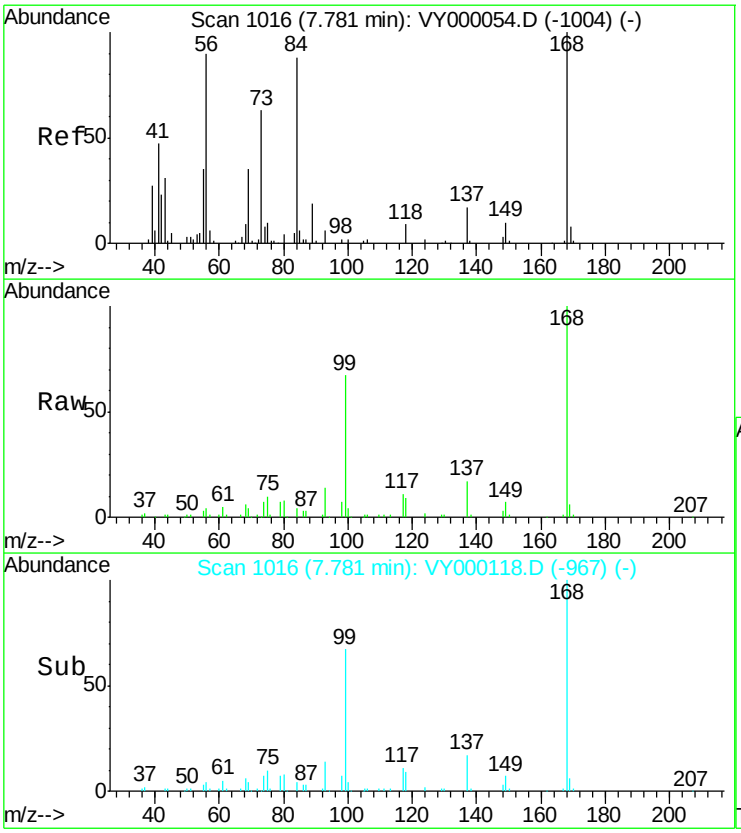
#29
Tetrahydrofuran
Concen: 428.144 ug/l
RT: 7.35 min Scan# 945
Delta R.T. -0.01 min
Lab File: VY000118.D
Acq: 20 Sep 2019 19:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 42 Resp: 104134

Ion	Ratio	Lower	Upper
42	100		
72	52.0	41.8	62.6
71	47.1	38.6	58.0

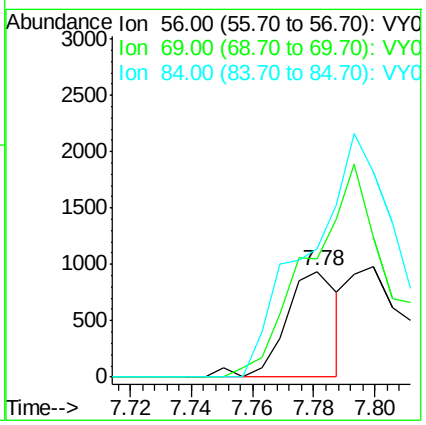


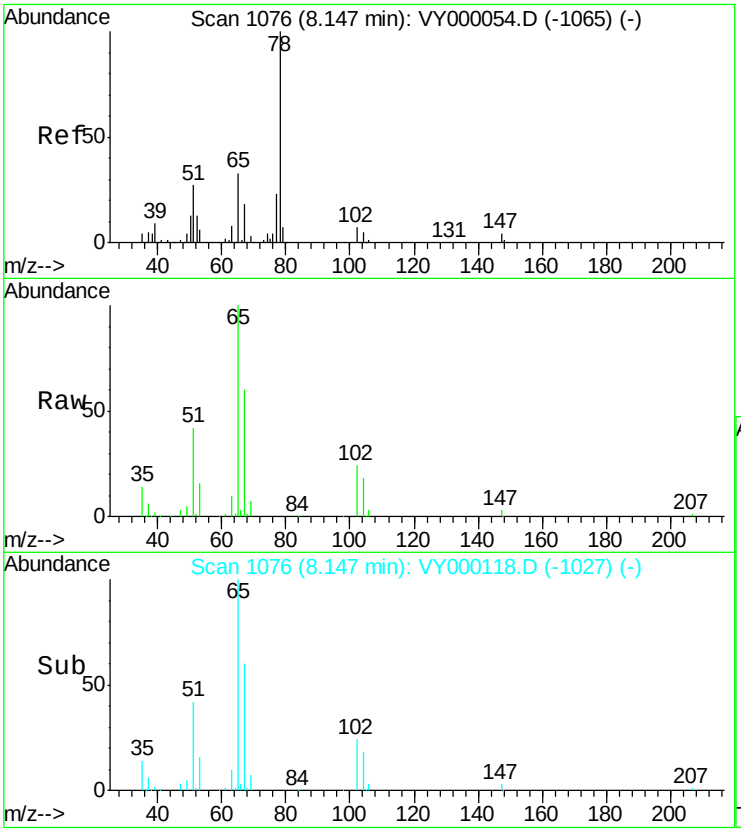


#31
Cyclohexane
Concen: Below Cal
RT: 7.78 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VY000118.D
Acq: 20 Sep 2019 19:11

Tgt Ion: 56 Resp: 1119

Ion	Ratio	Lower	Upper
56	100		
69	111.3	30.9	46.3#
84	121.4	78.5	117.7#



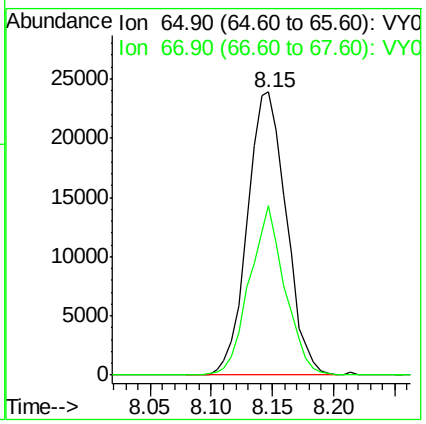


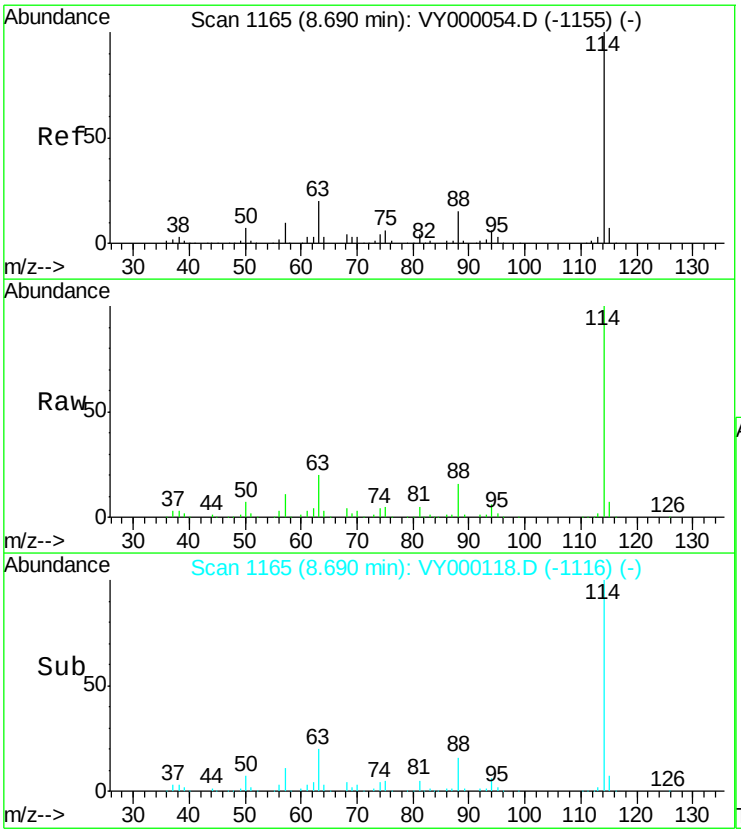
#33
1,2-Dichloroethane-d4
Concen: 54.990 ug/l
RT: 8.15 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VY000118.D
Acq: 20 Sep 2019 19:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 52830

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	111.0

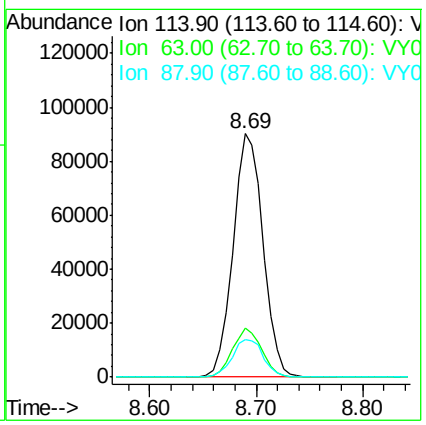


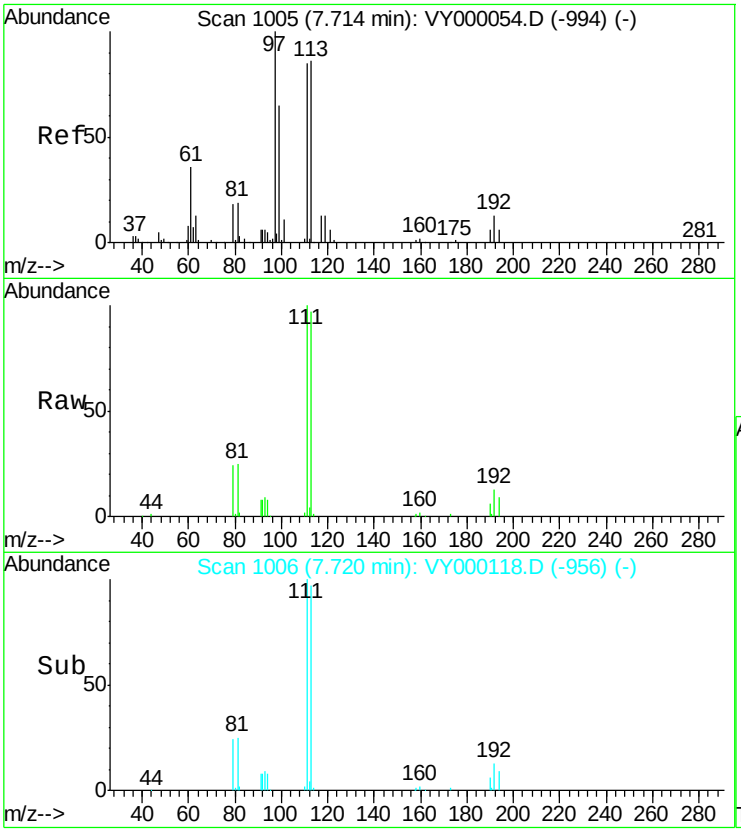


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1165
Delta R.T. -0.00 min
Lab File: VY000118.D
Acq: 20 Sep 2019 19:11

Tgt Ion:114 Resp: 177773

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.4
88	15.6	0.0	30.2



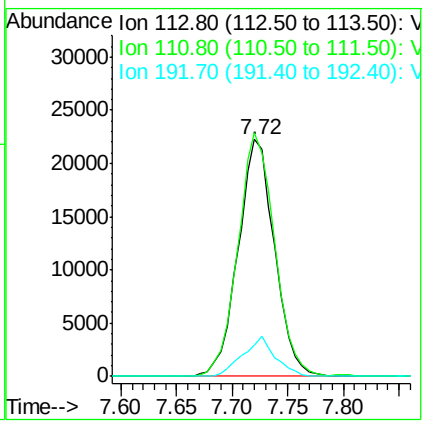


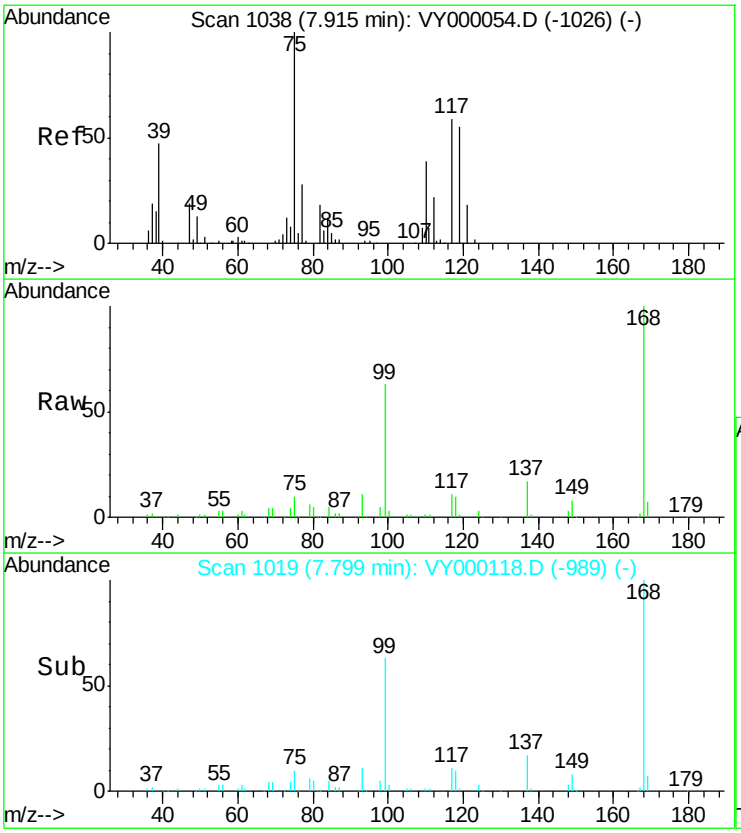
#35
Dibromofluoromethane
Concen: 46.884 ug/l
RT: 7.72 min Scan# 1006
Delta R.T. 0.01 min
Lab File: VY000118.D
Acq: 20 Sep 2019 19:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 50465

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.7	122.5
192	15.0	13.4	20.2

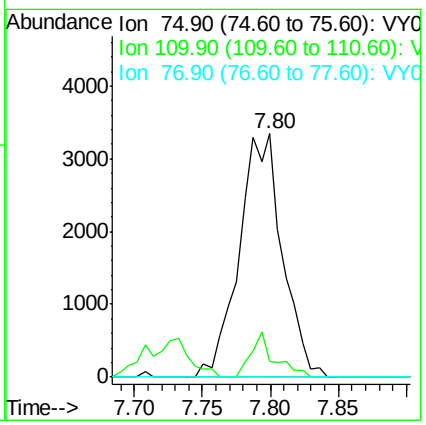


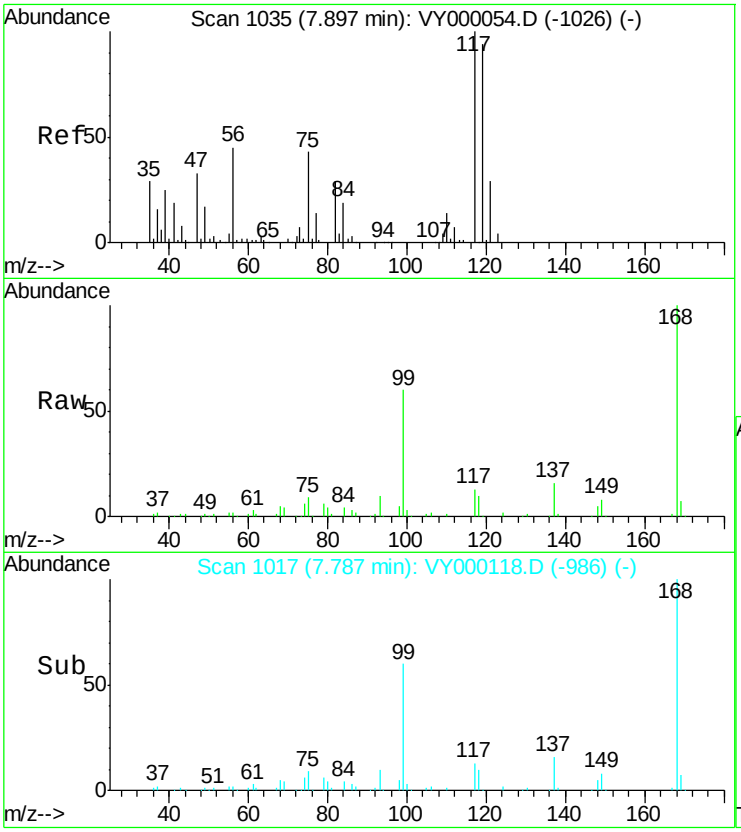


#36
1,1-Dichloropropene
Concen: 5.599 ug/l
RT: 7.80 min Scan# 1019
Delta R.T. -0.12 min
Lab File: VY000118.D
Acq: 20 Sep 2019 19:11

Tgt Ion: 75 Resp: 7442

Ion	Ratio	Lower	Upper
75	100		
110	10.0	19.6	58.7#
77	0.0	24.3	36.5#



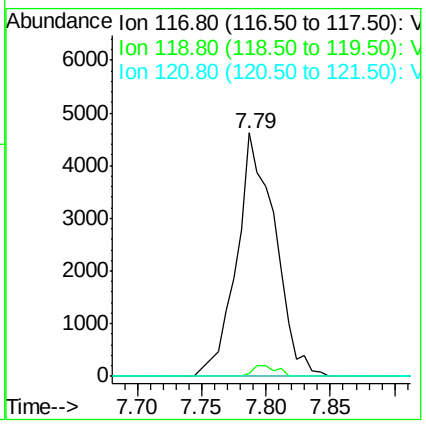


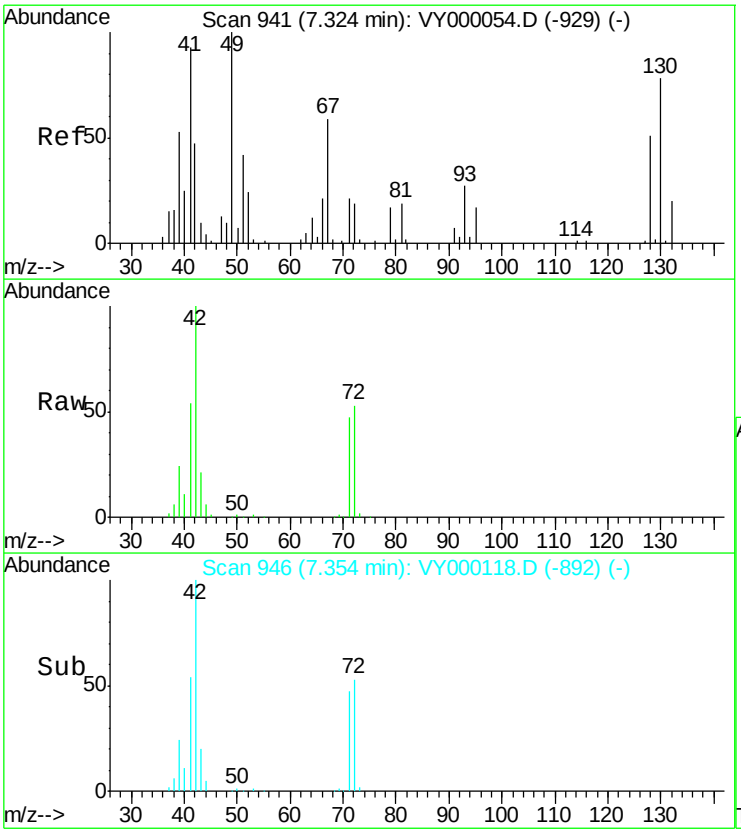
#38
Carbon Tetrachloride
Concen: 7.581 ug/l
RT: 7.79 min Scan# 1017
Delta R.T. -0.11 min
Lab File: VY000118.D
Acq: 20 Sep 2019 19:11

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 9511

Ion	Ratio	Lower	Upper
117	100		
119	1.3	75.0	112.6#
121	0.0	22.8	34.2#

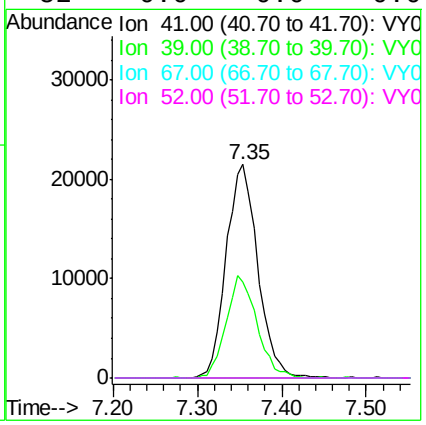


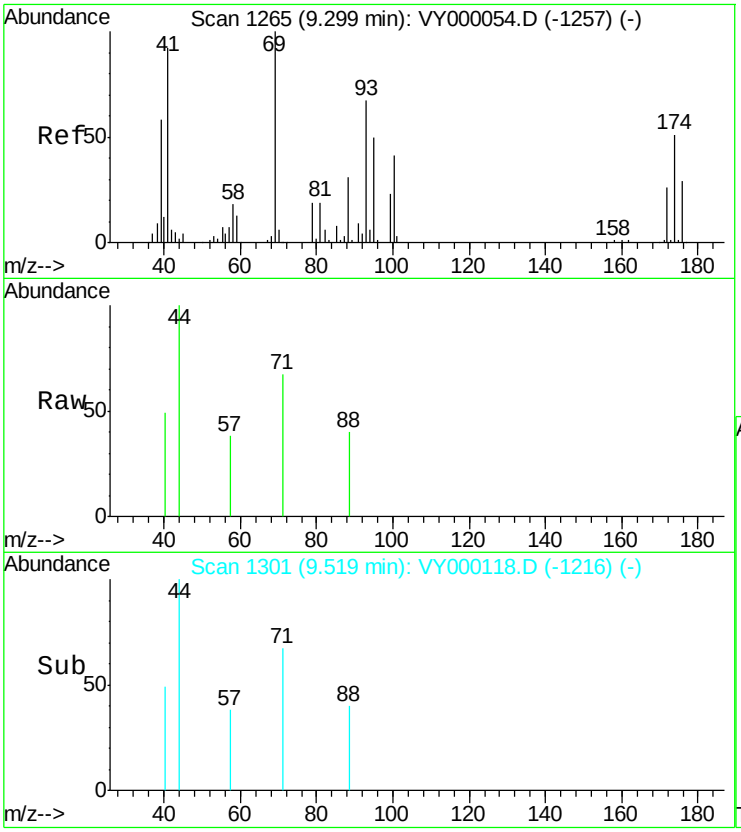


#41
Methacrylonitrile
Concen: 89.703 ug/l
RT: 7.35 min Scan# 946
Delta R.T. 0.03 min
Lab File: VY000118.D
Acq: 20 Sep 2019 19:11

Tgt Ion: 41 Resp: 54662

Ion	Ratio	Lower	Upper
41	100		
39	46.7	91.8	137.6#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



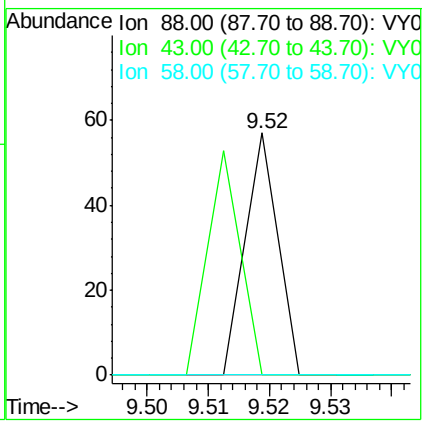


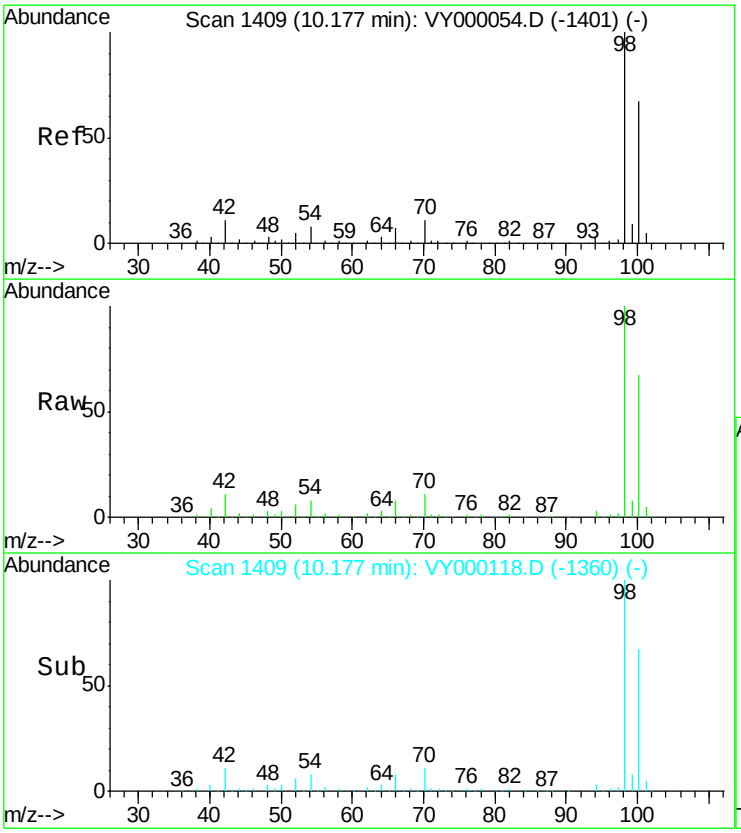
#49
1,4-Dioxane
Concen: 1.741 ug/l
RT: 9.52 min Scan# 1301
Delta R.T. 0.22 min
Lab File: VY000118.D
Acq: 20 Sep 2019 19:11

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 88 Resp: 21

Ion	Ratio	Lower	Upper
88	100		
43	90.5	18.7	28.1#
58	0.0	53.0	79.6#

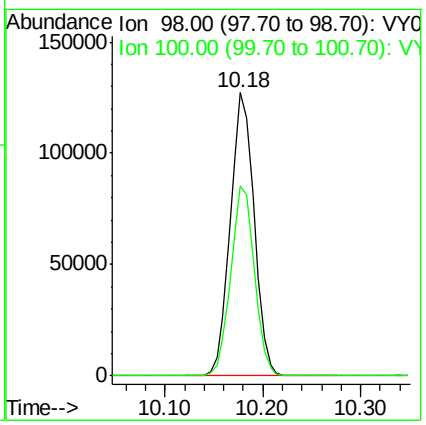


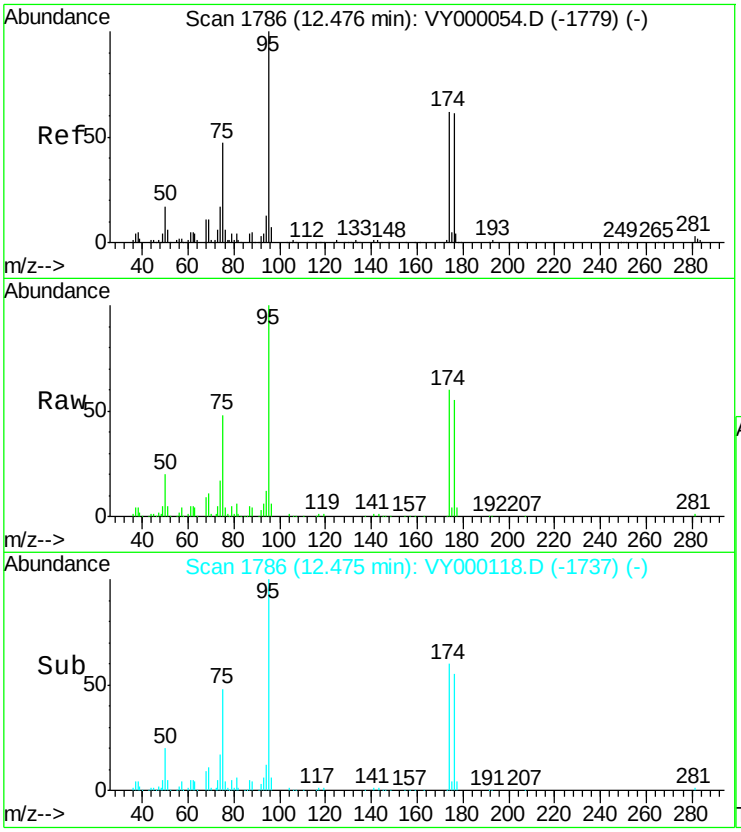


#50
Toluene-d8
Concen: 50.933 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000118.D
Acq: 20 Sep 2019 19:11

Tgt Ion: 98 Resp: 215328

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.1	79.7



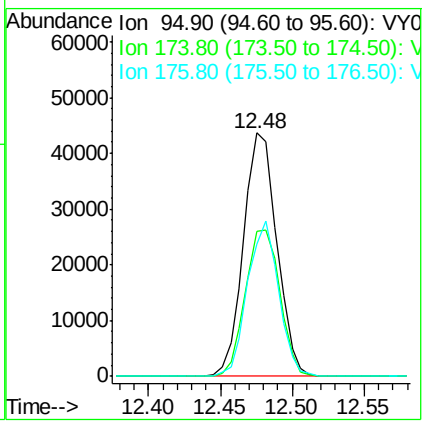


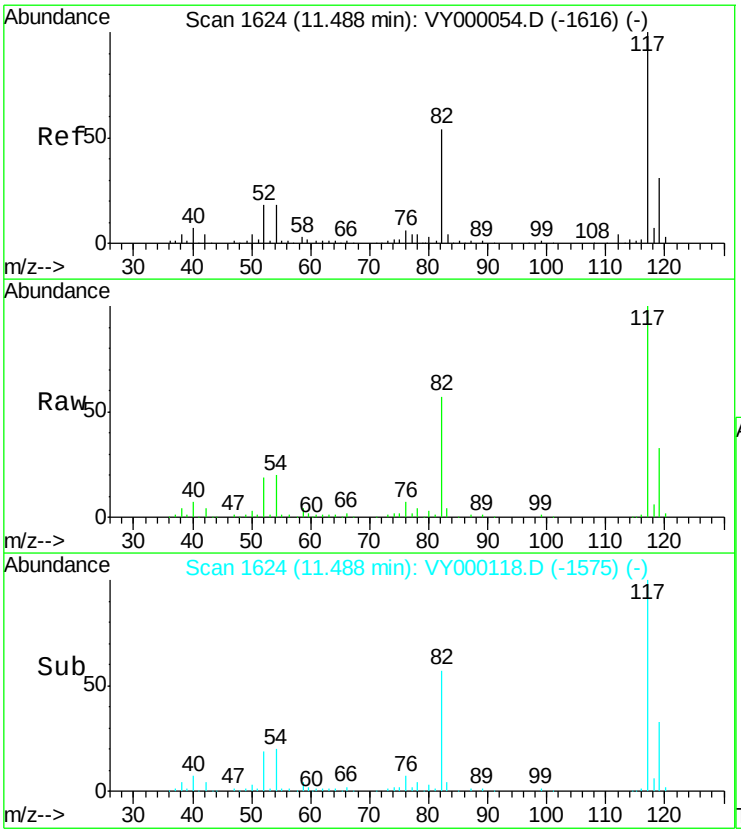
#62
4-Bromofluorobenzene
Concen: 44.514 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.00 min
Lab File: VY000118.D
Acq: 20 Sep 2019 19:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 69870

Ion	Ratio	Lower	Upper
95	100		
174	62.2	0.0	137.2
176	59.2	0.0	135.0

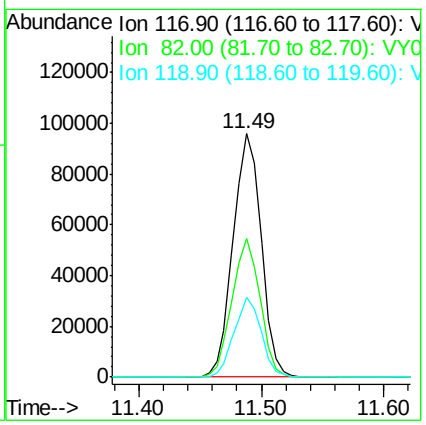


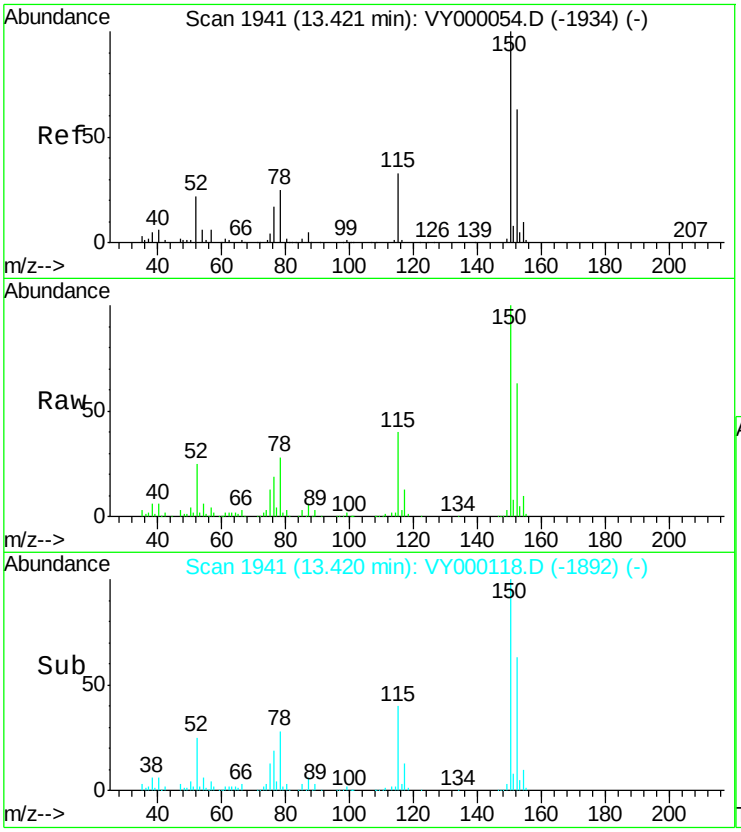


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000118.D
Acq: 20 Sep 2019 19:11

Tgt Ion:117 Resp: 152582

Ion	Ratio	Lower	Upper
117	100		
82	56.8	43.5	65.3
119	32.6	24.6	36.8



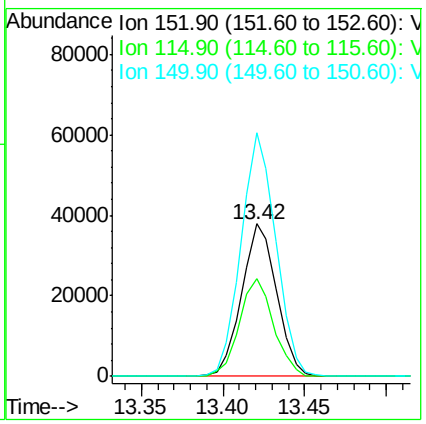


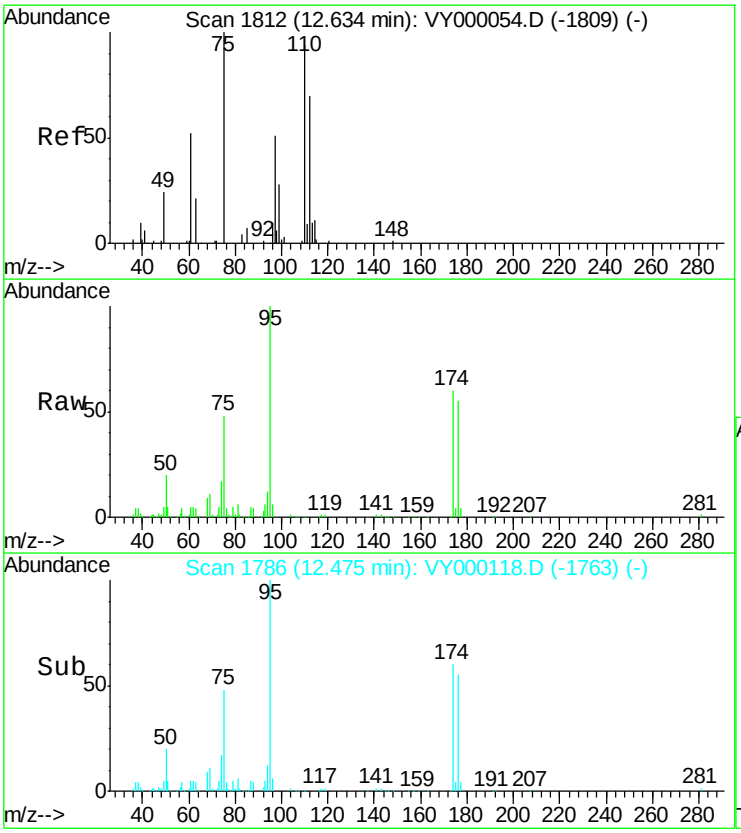
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000118.D
Acq: 20 Sep 2019 19:11

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 56631

Ion	Ratio	Lower	Upper
152	100		
115	62.5	30.7	92.1
150	159.1	0.0	351.6

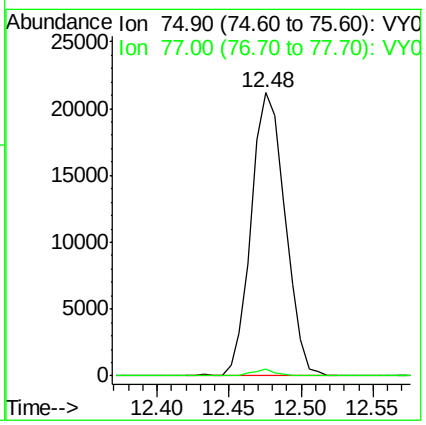


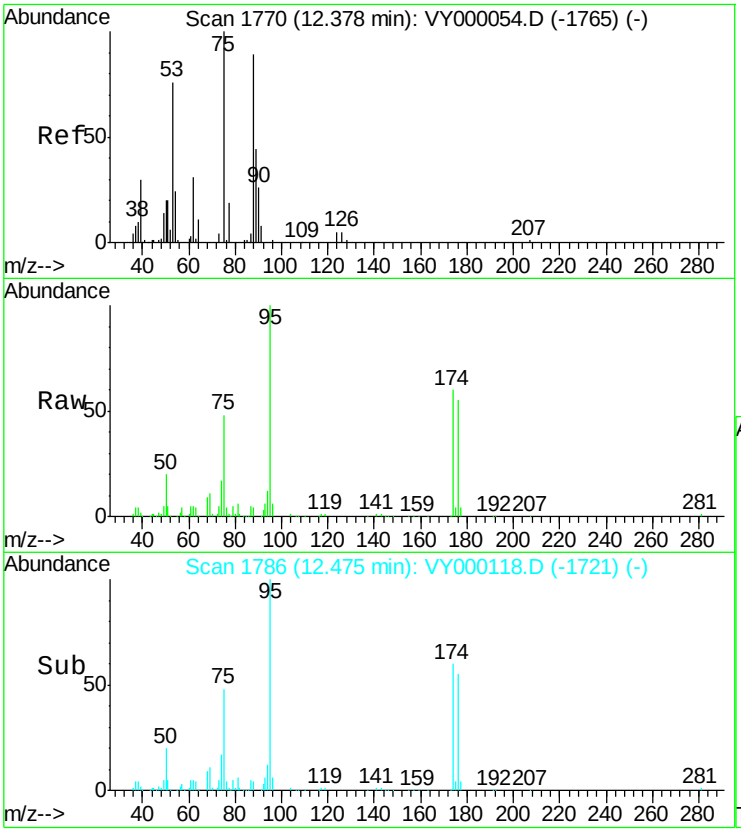


#76
1,2,3-Trichloropropane
Concen: 43.188 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.16 min
Lab File: VY000118.D
Acq: 20 Sep 2019 19:11

Tgt Ion: 75 Resp: 34412

Ion	Ratio	Lower	Upper
75	100		
77	1.6	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 83.062 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. 0.10 min
Lab File: VY000118.D
Acq: 20 Sep 2019 19:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 34412

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