Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY092019\
Data File : VY000115.D
Acq On : 20 Sep 2019 18:01
Operator : SY/MD
Sample : K4877-07RE
Misc : 5.55g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Sep 20 23:49:22 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	80128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	168328	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	111692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	25445	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	50954	55.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.54%			
35) Dibromofluoromethane	7.72	113	47591	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.40%			
50) Toluene-d8	10.18	98	189491	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.68%			
62) 4-Bromofluorobenzene	12.48	95	39476	26.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 53.12%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.62	85	49	Below Cal	#	42
3) Chloromethane	2.11	50	1289	Below Cal		92
5) Bromomethane	2.64	94	62	Below Cal	#	6
11) Tert butyl alcohol	4.98	59	134	1.226 ug/l	#	73
13) Acrolein	3.45	56	23	Below Cal	#	13
16) Acetone	3.95	43	665	3.098 ug/l	#	54
17) Carbon Disulfide	4.19	76	585	Below Cal	#	77
20) Methylene Chloride	4.72	84	2880	2.852 ug/l	#	78
31) Cyclohexane	7.78	56	2391	Below Cal	#	58
36) 1,1-Dichloropropene	7.79	75	7965	6.328 ug/l	#	47
38) Carbon Tetrachloride	7.80	117	7801	6.567 ug/l	#	18
41) Methacrylonitrile	7.31	41	81	4.422 ug/l	#	70
76) 1,2,3-Trichloropropane	12.48	75	21291	59.471 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.48	75	21291	114.377 ug/l	#	19

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

Quantitation Report (Not Reviewed)

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MSVOA_Y
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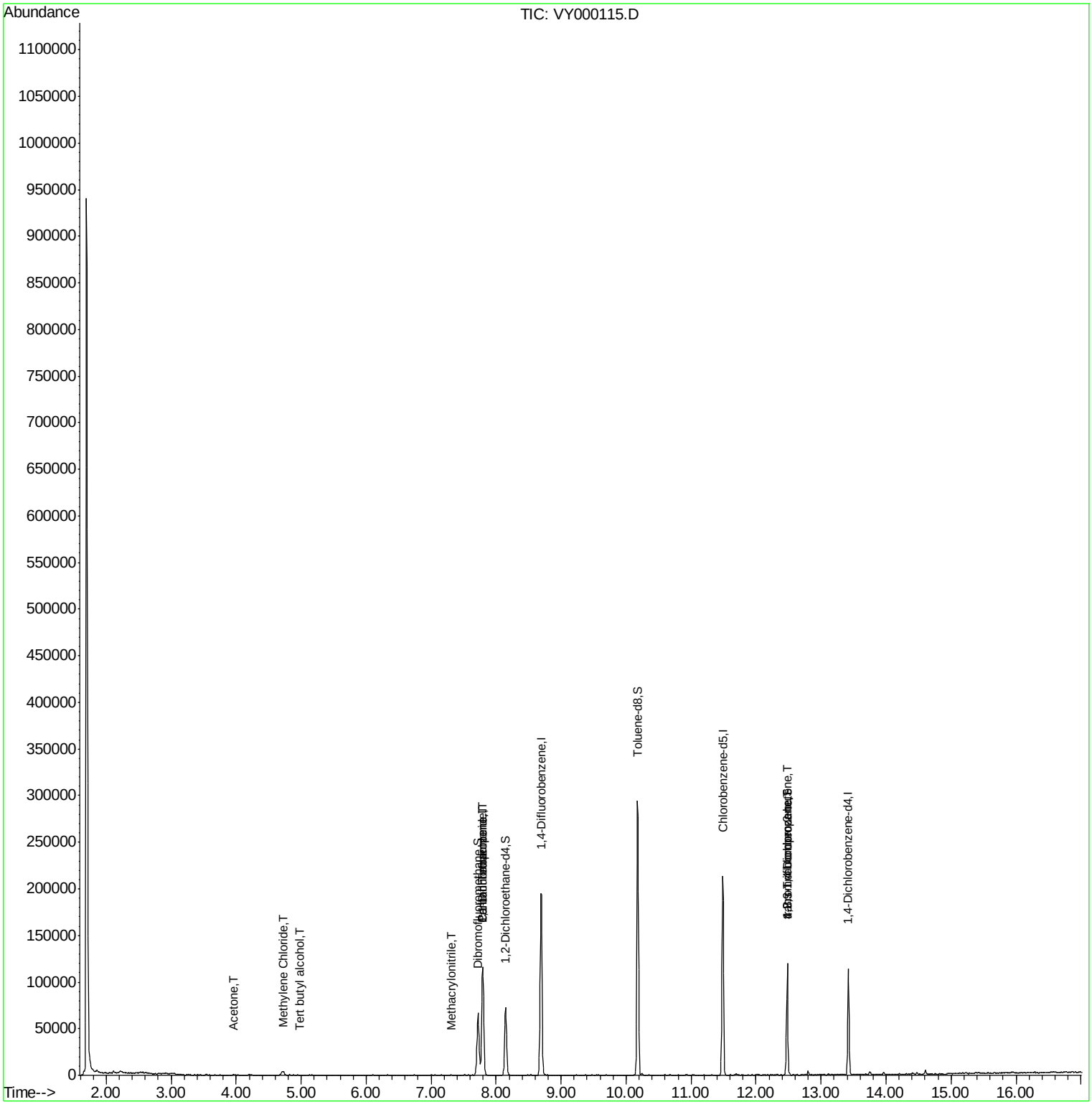
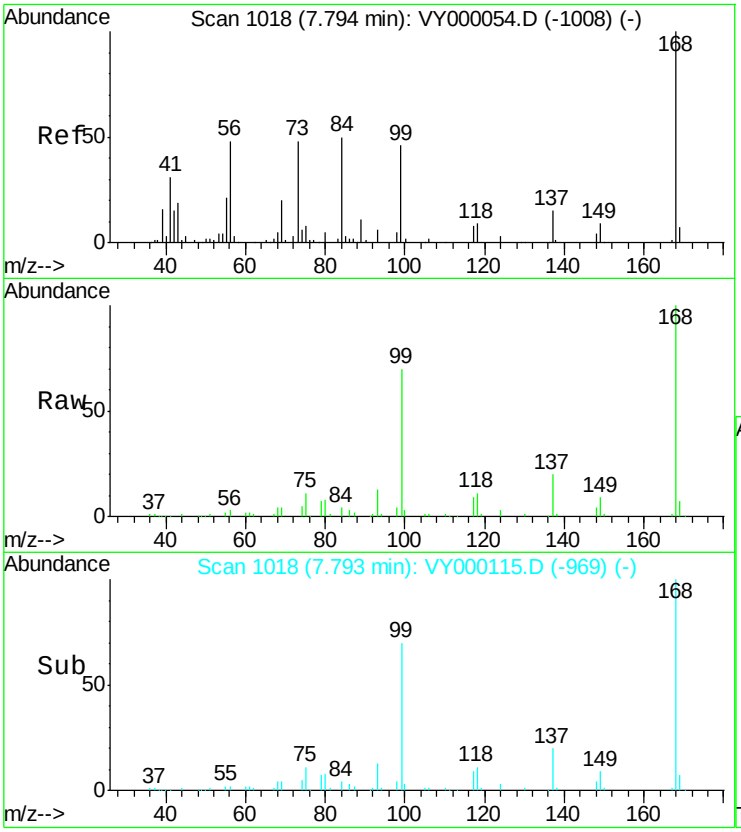
Quant Title : SW846 8260
QLast Update : Thu Sep 19 05:38:39 2019
Response via : Initial Calibration



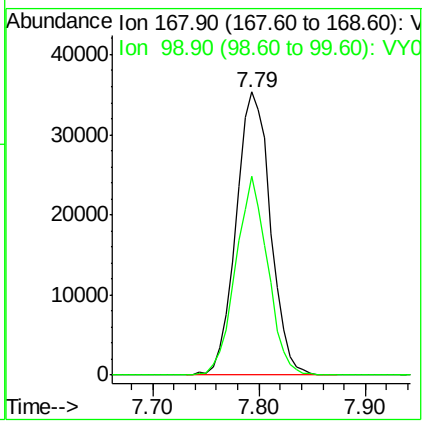


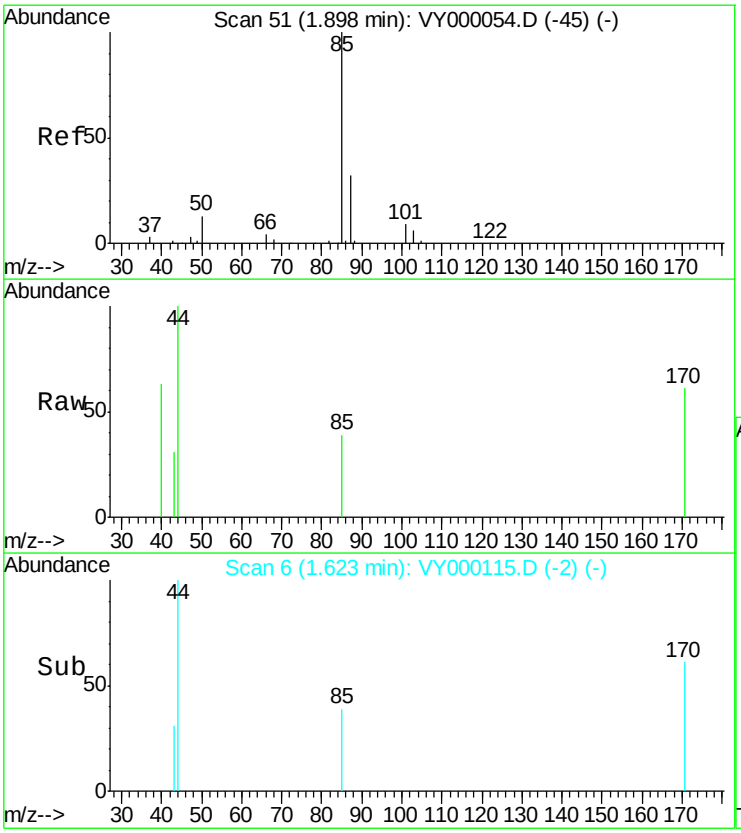
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.79 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VY000115.D
Acq: 20 Sep 2019 18:01

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 80128

Ion	Ratio	Lower	Upper
168	100		
99	70.2	44.2	66.2#

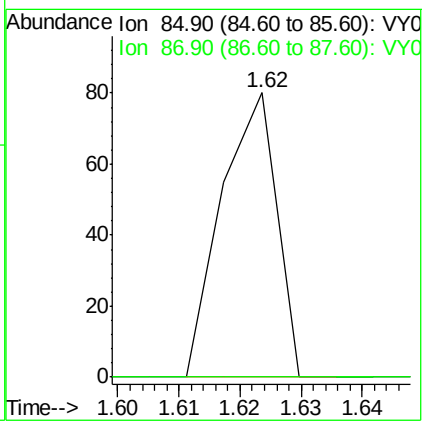


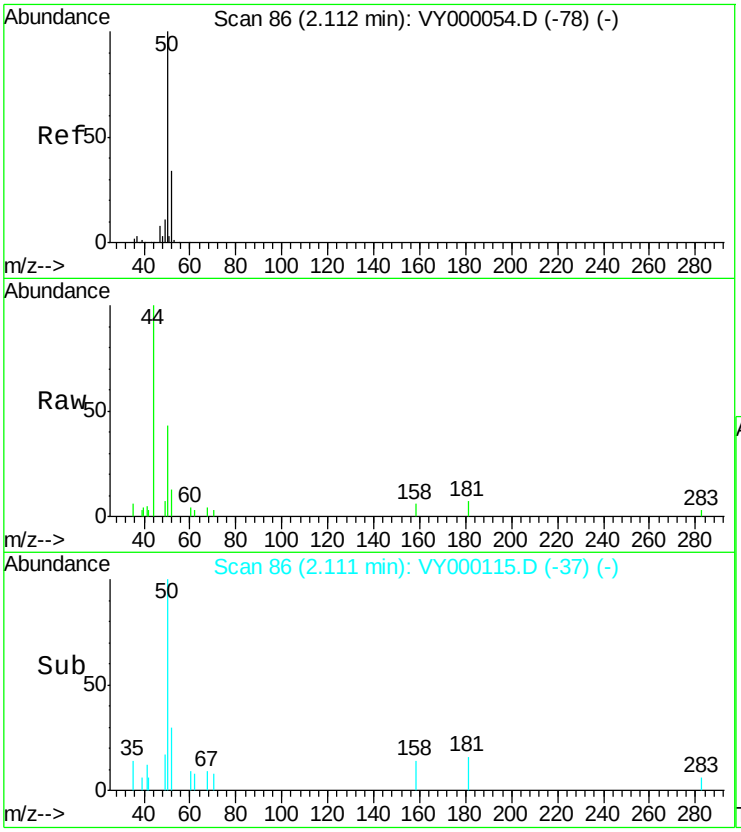


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.62 min Scan# 6
Delta R.T. -0.27 min
Lab File: VY000115.D
Acq: 20 Sep 2019 18:01

Tgt Ion: 85 Resp: 49

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.2	48.5#



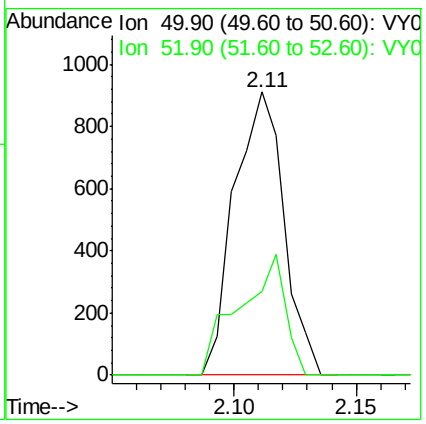


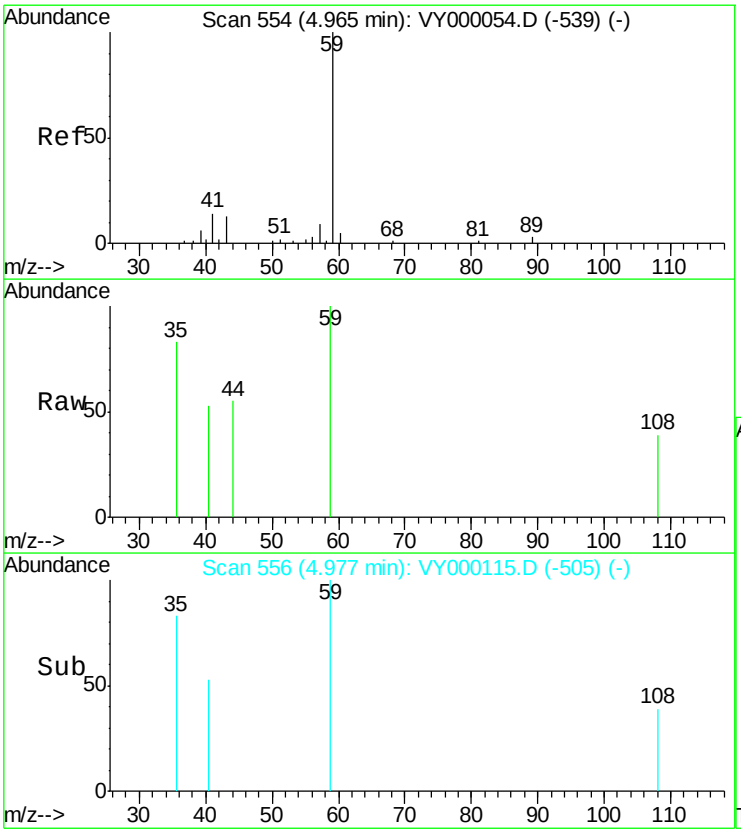
#3
Chloromethane
Concen: Below Cal
RT: 2.11 min Scan# 86
Delta R.T. 0.00 min
Lab File: VY000115.D
Acq: 20 Sep 2019 18:01

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 1289

Ion	Ratio	Lower	Upper
50	100		
52	29.6	27.3	40.9

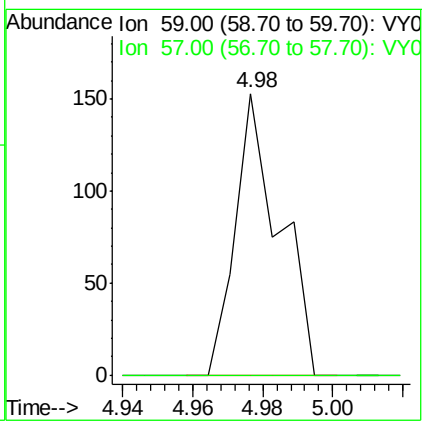


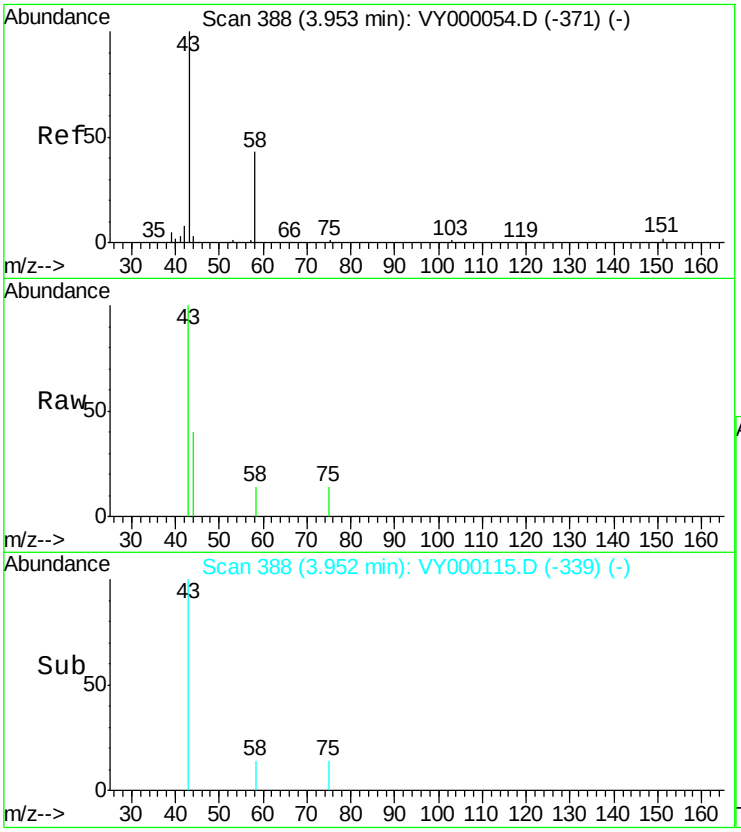


#11
Tert butyl alcohol
Concen: 1.226 ug/l
RT: 4.98 min Scan# 556
Delta R.T. 0.01 min
Lab File: VY000115.D
Acq: 20 Sep 2019 18:01

Tgt Ion: 59 Resp: 134

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0#



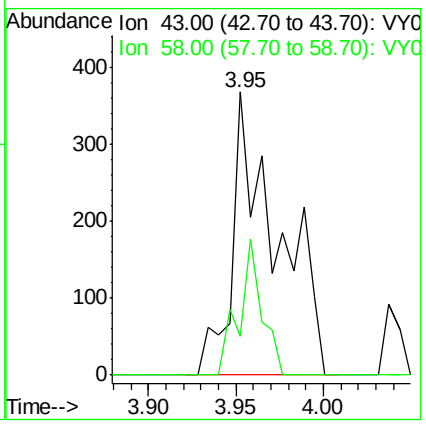


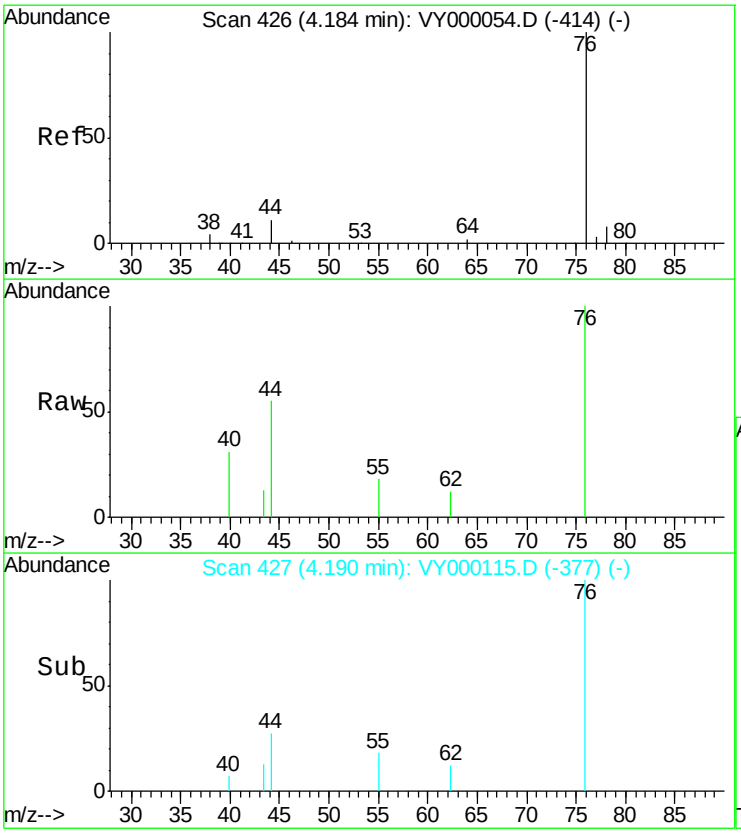
#16
Acetone
Concen: 3.098 ug/l
RT: 3.95 min Scan# 388
Delta R.T. -0.00 min
Lab File: VY000115.D
Acq: 20 Sep 2019 18:01

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 665

Ion	Ratio	Lower	Upper
43	100		
58	13.9	34.5	51.7#

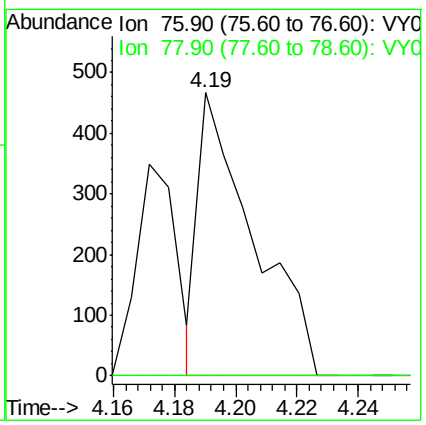


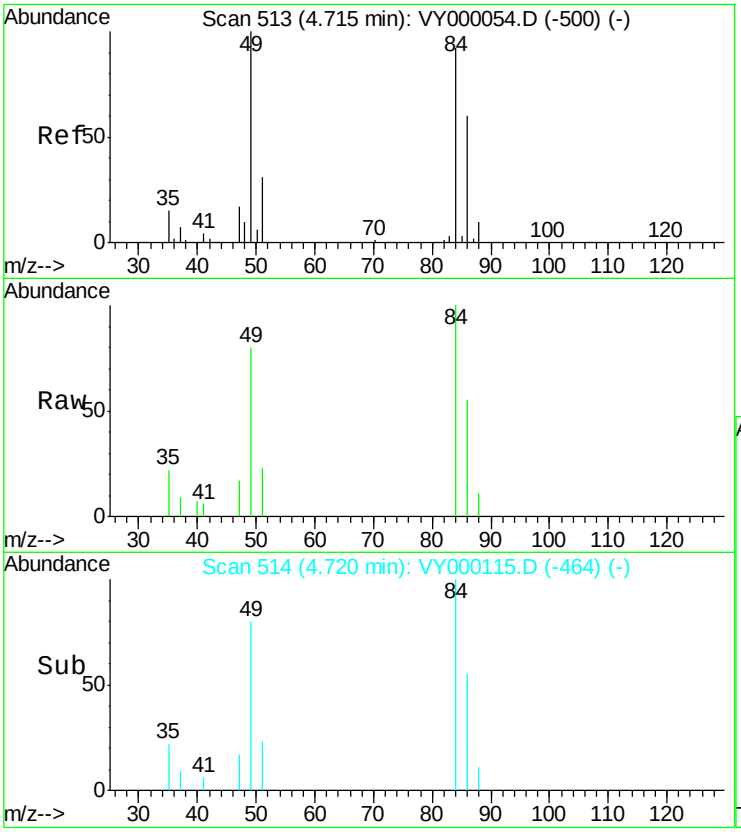


#17
Carbon Disulfide
Concen: Below Cal
RT: 4.19 min Scan# 427
Delta R.T. 0.01 min
Lab File: VY000115.D
Acq: 20 Sep 2019 18:01

Tgt Ion: 76 Resp: 585

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.6	9.8#



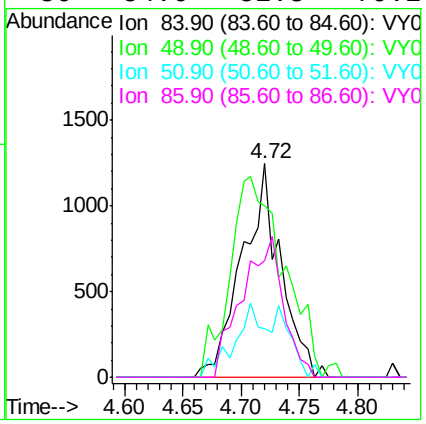


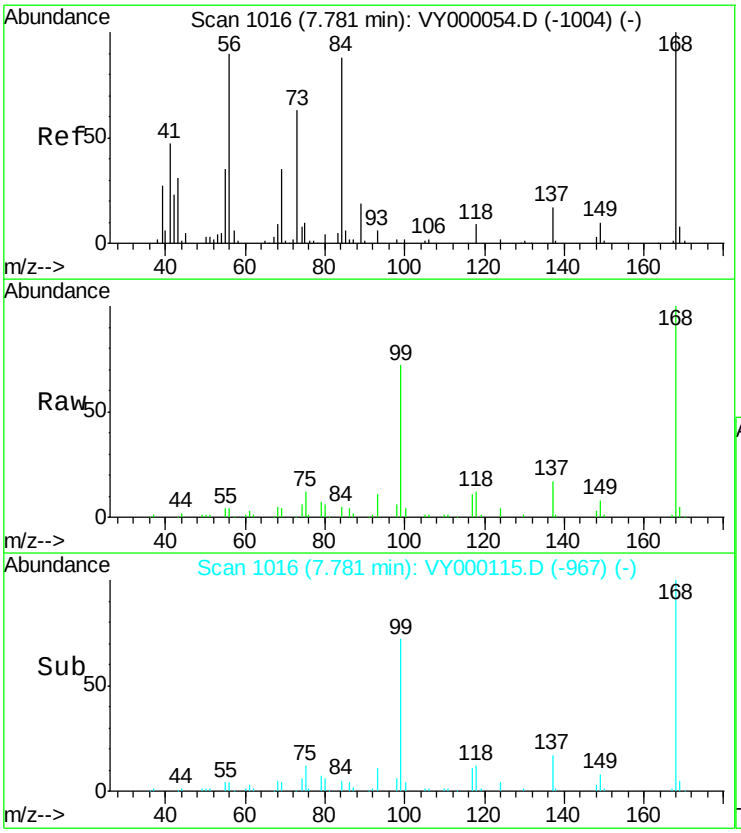
#20
Methylene Chloride
Concen: 2.852 ug/l
RT: 4.72 min Scan# 514
Delta R.T. 0.01 min
Lab File: VY000115.D
Acq: 20 Sep 2019 18:01

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 2880

Ion	Ratio	Lower	Upper
84	100		
49	80.5	87.4	131.0#
51	23.0	27.2	40.8#
86	54.6	52.8	79.2

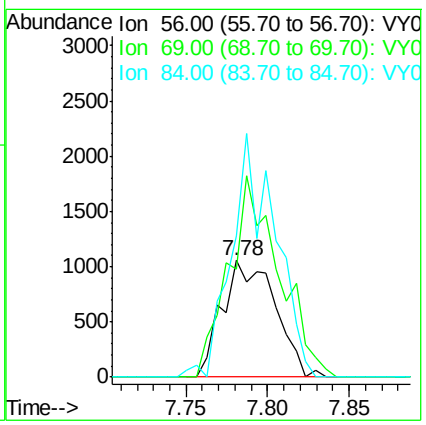


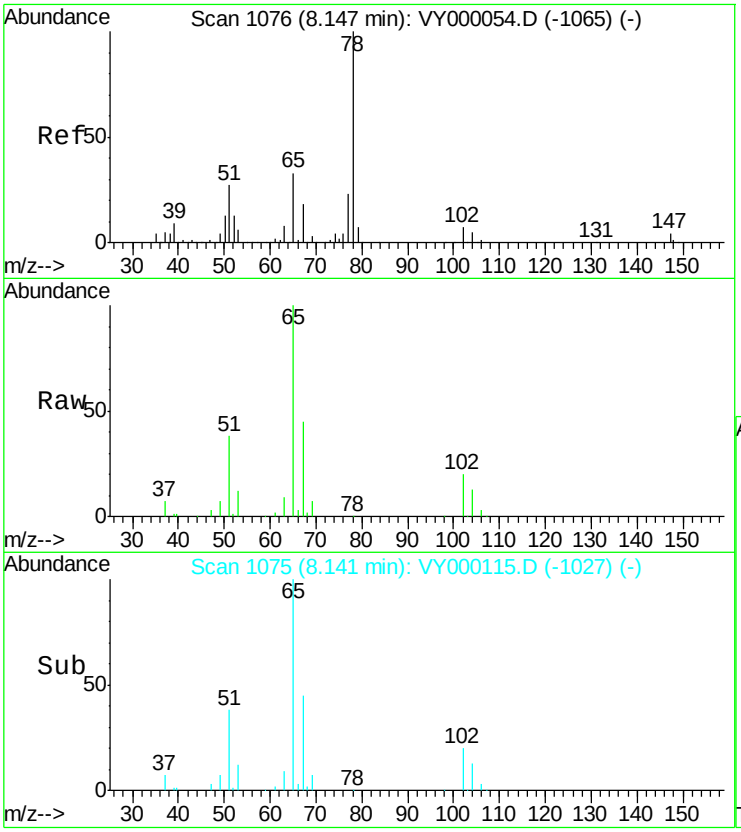


#31
Cyclohexane
Concen: Below Cal
RT: 7.78 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VY000115.D
Acq: 20 Sep 2019 18:01

Tgt Ion: 56 Resp: 2391

Ion	Ratio	Lower	Upper
56	100		
69	93.0	30.9	46.3#
84	121.7	78.5	117.7#



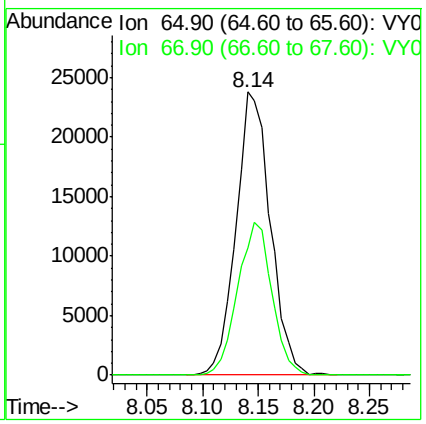


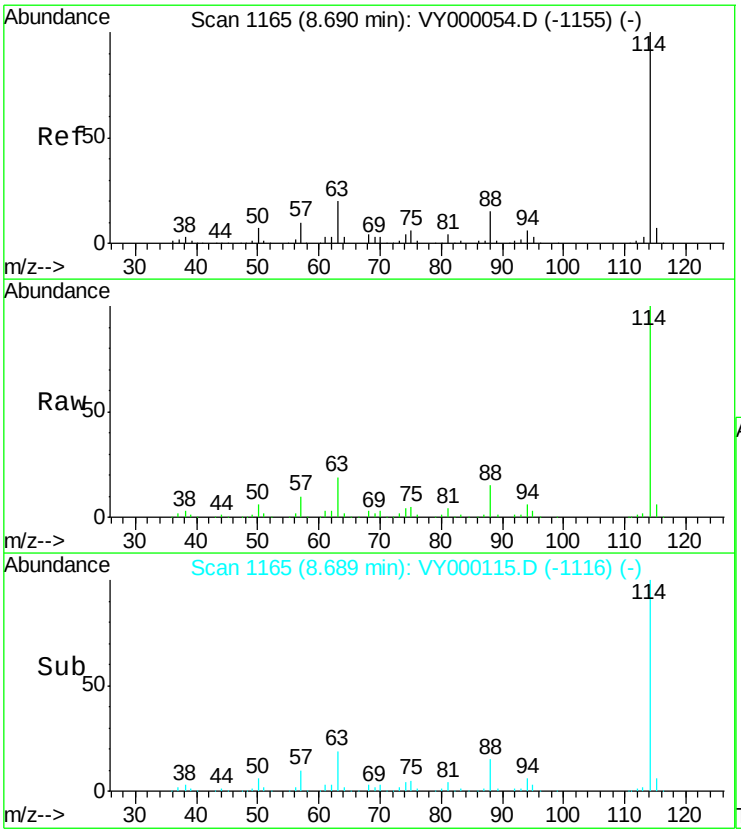
#33
1,2-Dichloroethane-d4
Concen: 55.272 ug/l
RT: 8.14 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY000115.D
Acq: 20 Sep 2019 18:01

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 50954

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	111.0

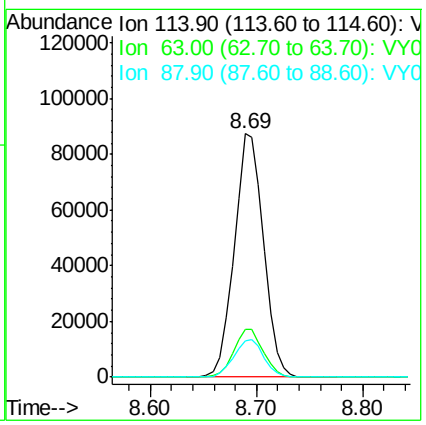


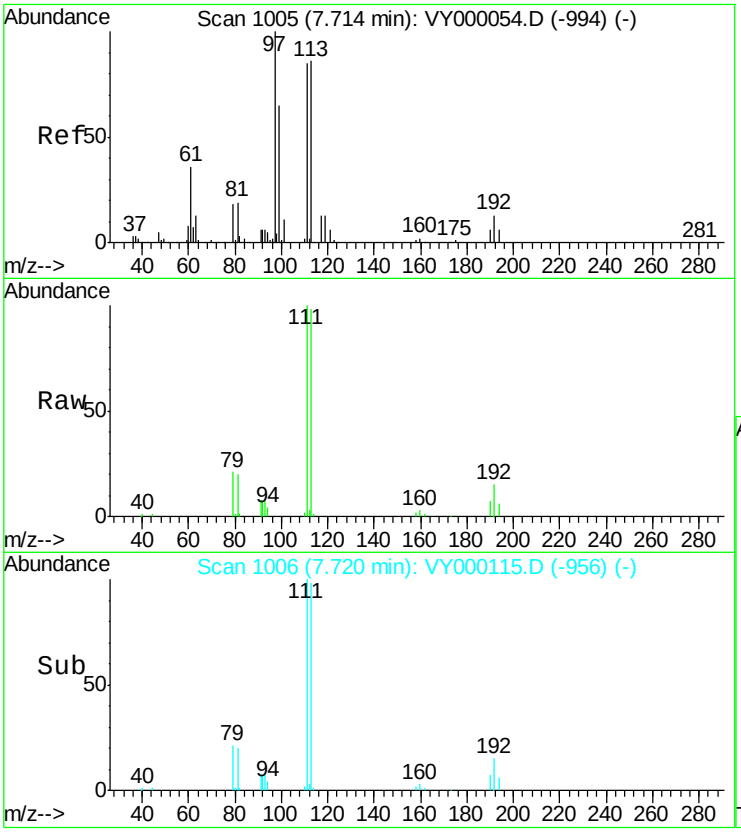


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1165
Delta R.T. -0.00 min
Lab File: VY000115.D
Acq: 20 Sep 2019 18:01

Tgt Ion:114 Resp: 168328

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.4
88	15.0	0.0	30.2



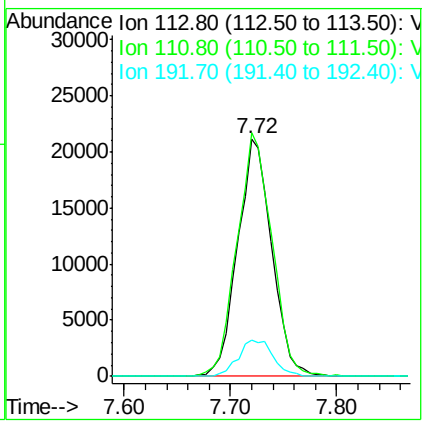


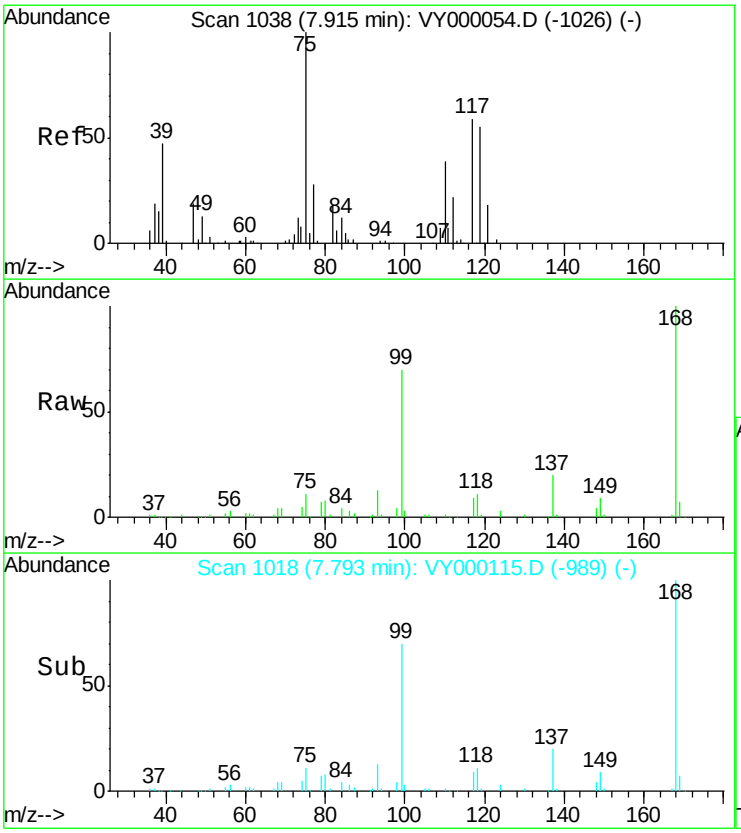
#35
Dibromofluoromethane
Concen: 46.695 ug/l
RT: 7.72 min Scan# 1006
Delta R.T. 0.01 min
Lab File: VY000115.D
Acq: 20 Sep 2019 18:01

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 47591

Ion	Ratio	Lower	Upper
113	100		
111	104.9	81.7	122.5
192	15.7	13.4	20.2

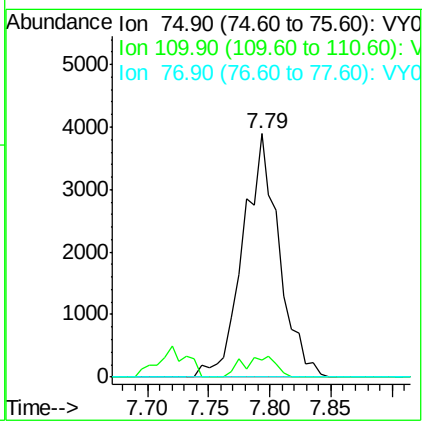


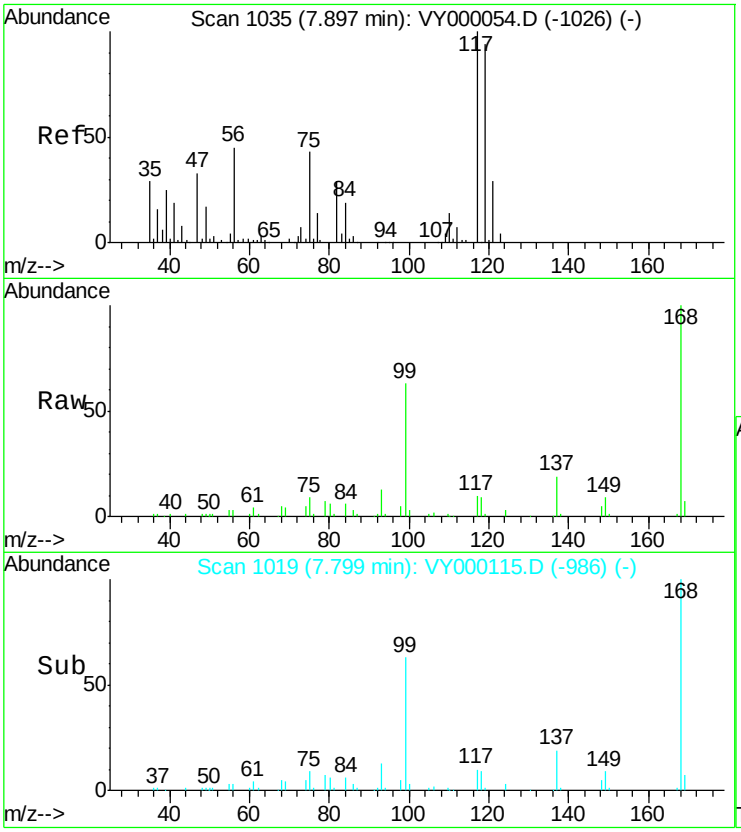


#36
1,1-Dichloropropene
Concen: 6.328 ug/l
RT: 7.79 min Scan# 1018
Delta R.T. -0.12 min
Lab File: VY000115.D
Acq: 20 Sep 2019 18:01

Tgt Ion: 75 Resp: 7965

Ion	Ratio	Lower	Upper
75	100		
110	7.8	19.6	58.7#
77	0.0	24.3	36.5#



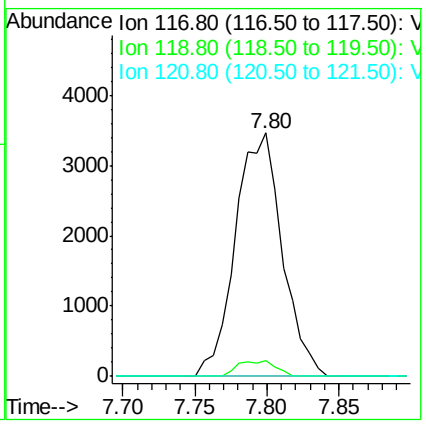


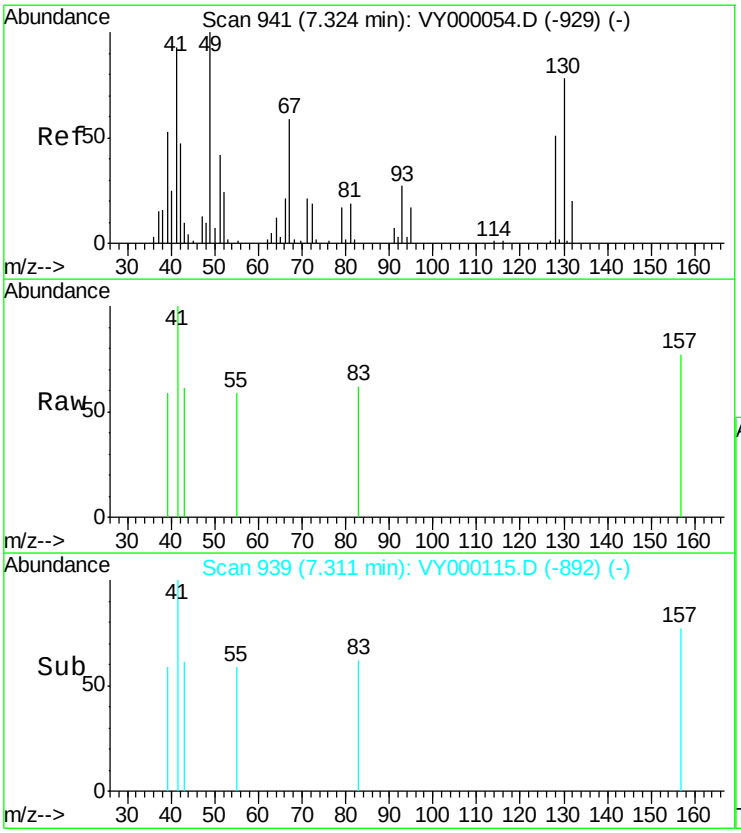
#38
Carbon Tetrachloride
Concen: 6.567 ug/l
RT: 7.80 min Scan# 1019
Delta R.T. -0.10 min
Lab File: VY000115.D
Acq: 20 Sep 2019 18:01

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 7801

Ion	Ratio	Lower	Upper
117	100		
119	6.3	75.0	112.6#
121	0.0	22.8	34.2#

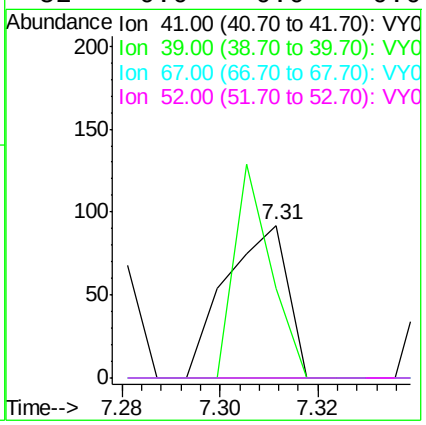


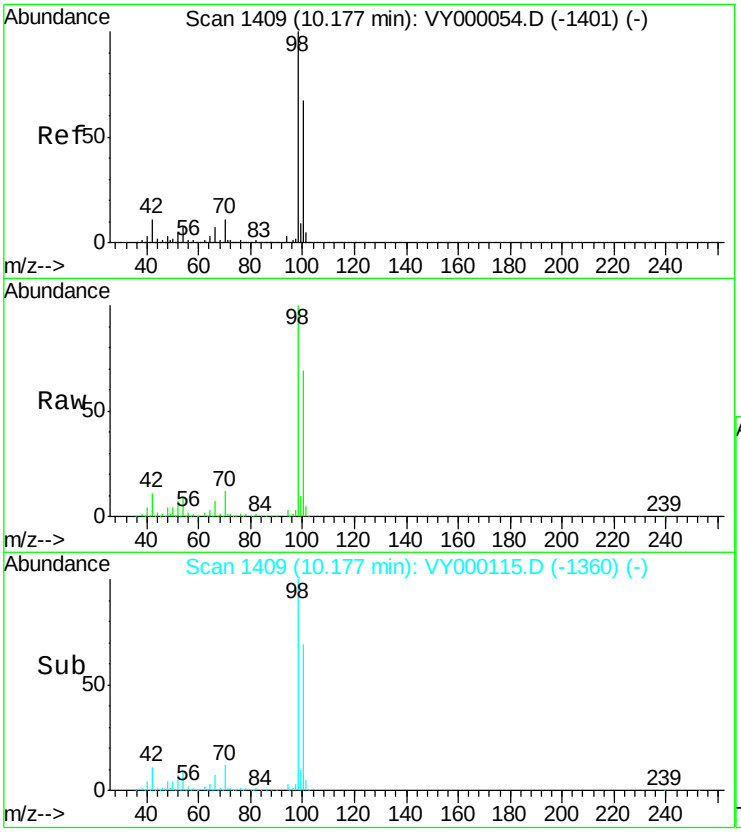


#41
Methacrylonitrile
Concen: 4.422 ug/l
RT: 7.31 min Scan# 939
Delta R.T. -0.01 min
Lab File: VY000115.D
Acq: 20 Sep 2019 18:01

Tgt Ion: 41 Resp: 81

Ion	Ratio	Lower	Upper
41	100		
39	82.7	91.8	137.6#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



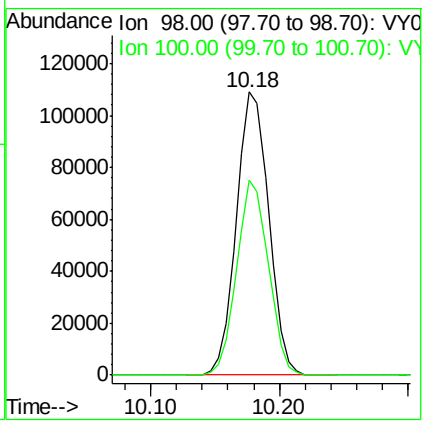


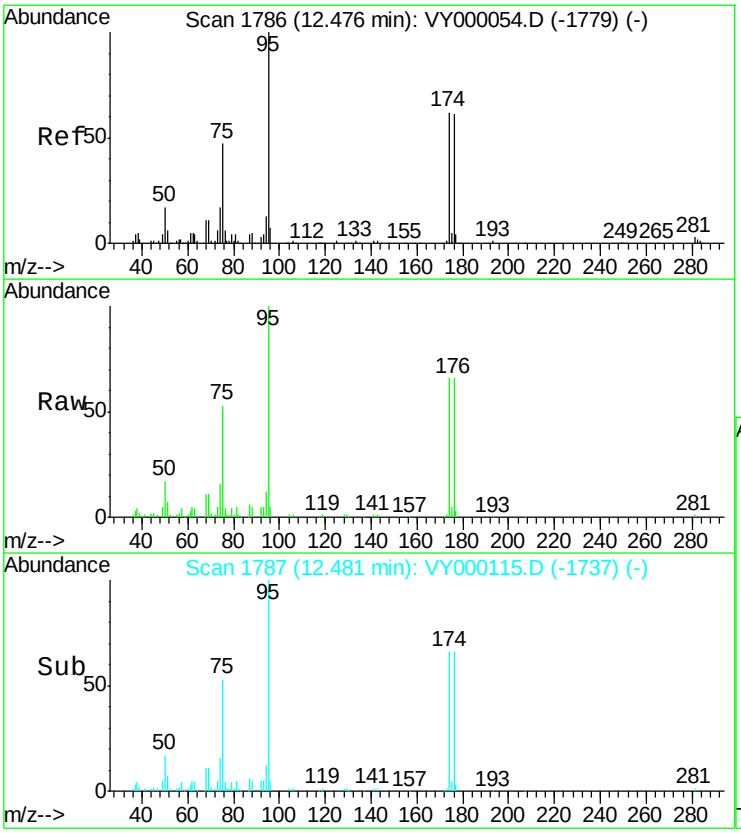
#50
Toluene-d8
Concen: 47.337 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000115.D
Acq: 20 Sep 2019 18:01

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 189491

Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.1	79.7

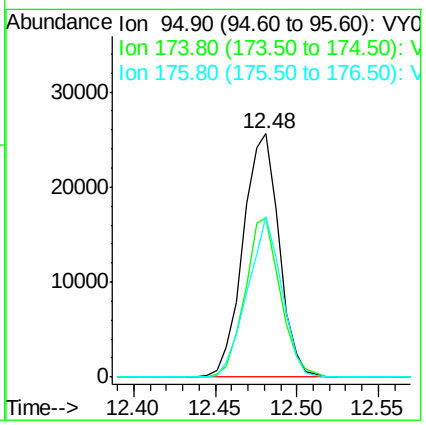


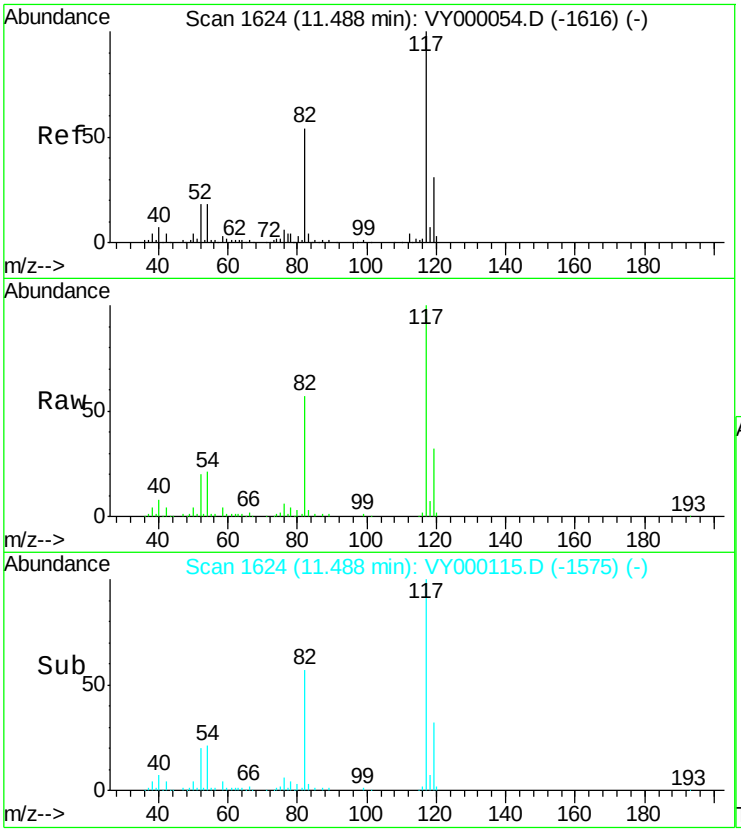


#62
4-Bromofluorobenzene
Concen: 26.561 ug/l
RT: 12.48 min Scan# 1787
Delta R.T. 0.01 min
Lab File: VY000115.D
Acq: 20 Sep 2019 18:01

Tgt Ion: 95 Resp: 39476

Ion	Ratio	Lower	Upper
95	100		
174	63.7	0.0	137.2
176	62.1	0.0	135.0



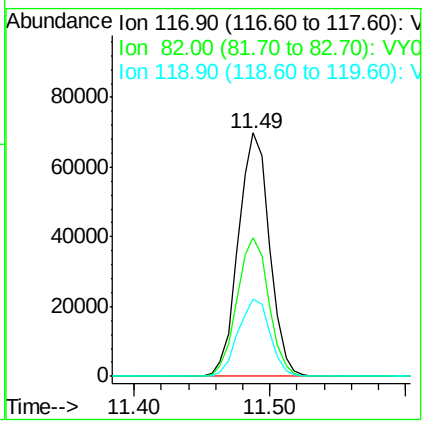


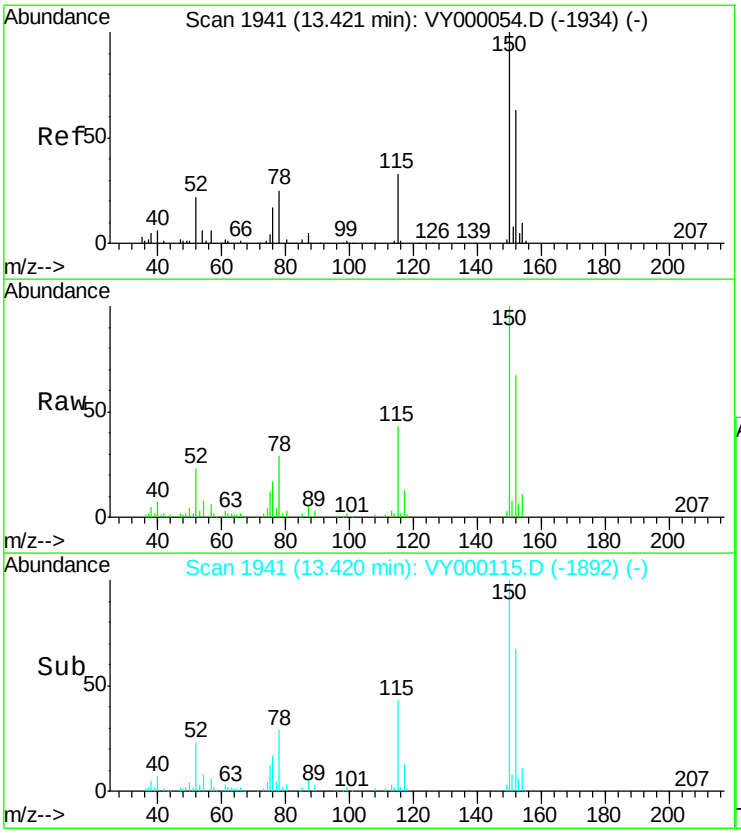
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000115.D
Acq: 20 Sep 2019 18:01

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 111692

Ion	Ratio	Lower	Upper
117	100		
82	56.7	43.5	65.3
119	31.9	24.6	36.8

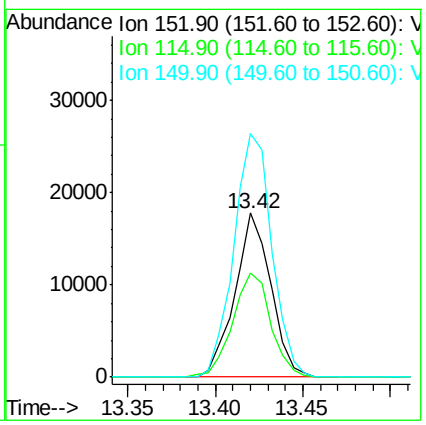


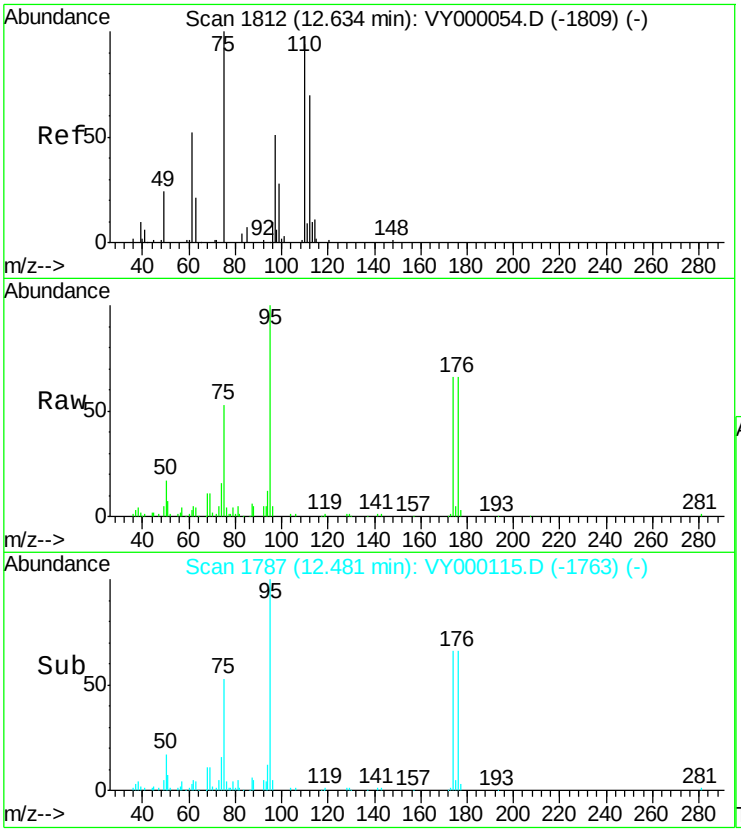


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000115.D
Acq: 20 Sep 2019 18:01

Tgt Ion:152 Resp: 25445

Ion	Ratio	Lower	Upper
152	100		
115	67.0	30.7	92.1
150	156.8	0.0	351.6



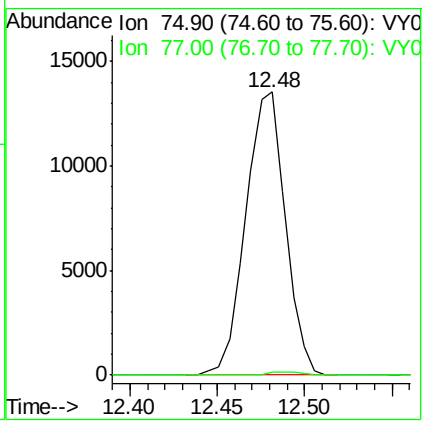


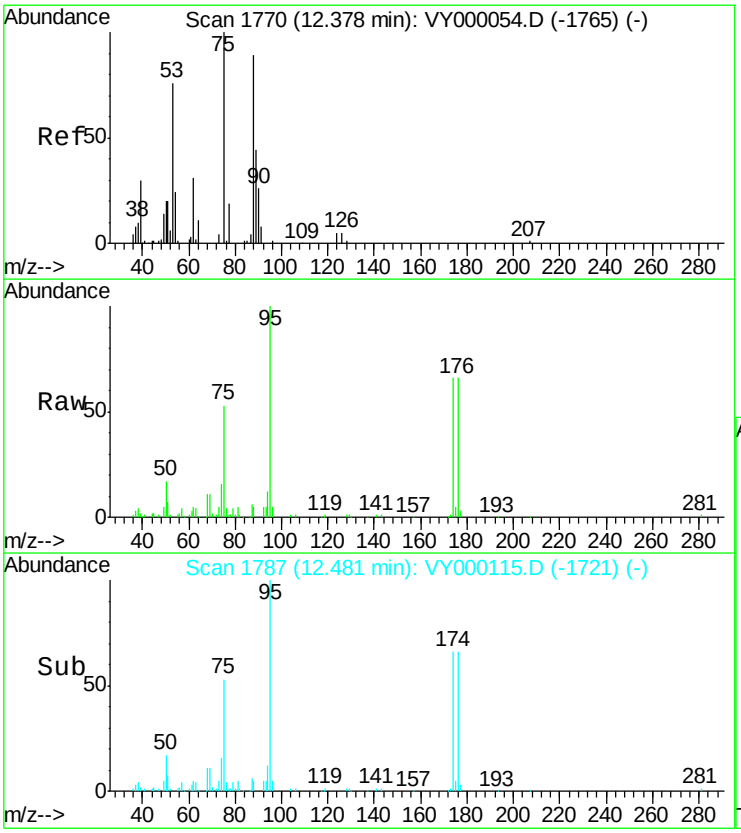
#76
1,2,3-Trichloropropane
Concen: 59.471 ug/l
RT: 12.48 min Scan# 1787
Delta R.T. -0.15 min
Lab File: VY000115.D
Acq: 20 Sep 2019 18:01

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 21291

Ion	Ratio	Lower	Upper
75	100		
77	0.9	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 114.377 ug/l
RT: 12.48 min Scan# 1787
Delta R.T. 0.10 min
Lab File: VY000115.D
Acq: 20 Sep 2019 18:01

Tgt Ion: 75 Resp: 21291

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