Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122319\
Data File : VY001023.D
Acq On : 23 Dec 2019 13:03
Operator : SY/MD
Sample : VY1223SBL01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VY1223SBL01

Quant Time: Dec 24 04:41:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 23 12:07:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.80	168	279784	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.69	114	515807	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.48	117	464433	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	200839	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.15	65	150498	54.54	ug/l		0.00
Spiked Amount 50.000			Recovery = 109.08%				
35) Dibromofluoromethane	7.72	113	150999	49.71	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.42%				
50) Toluene-d8	10.18	98	604804	50.95	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.90%				
62) 4-Bromofluorobenzene	12.48	95	203079	46.79	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.58%				
Target Compounds							Qvalue
3) Chloromethane	2.11	50	4252	1.281	ug/l		89
5) Bromomethane	2.66	94	598	1.006	ug/l	#	72
11) Tert butyl alcohol	4.94	59	739	2.436	ug/l	#	74
16) Acetone	3.96	43	6713	10.560	ug/l		98
20) Methylene Chloride	4.72	84	18297	4.890	ug/l	#	93
25) 2-Butanone	7.00	43	3819	3.420	ug/l	#	45
29) Tetrahydrofuran	7.38	42	1199	1.509	ug/l	#	63
36) 1,1-Dichloropropene	7.79	75	22127	4.497	ug/l	#	48
38) Carbon Tetrachloride	7.80	117	26869	6.232	ug/l	#	18
49) 1,4-Dioxane	9.31	88	108	3.846	ug/l	#	15
51) 4-Methyl-2-Pentanone	10.06	43	4836	1.840	ug/l		92
59) 2-Hexanone	10.83	43	2961	1.628	ug/l		89
76) 1,2,3-Trichloropropane	12.48	75	98293	39.699	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.48	75	98293	84.669	ug/l	#	19
93) 1,2,4-Trichlorobenzene	15.00	180	4906	1.174	ug/l		97
95) Naphthalene	15.23	128	13431	1.366	ug/l		96
96) 1,2,3-Trichlorobenzene	15.42	180	4526	1.214	ug/l		96

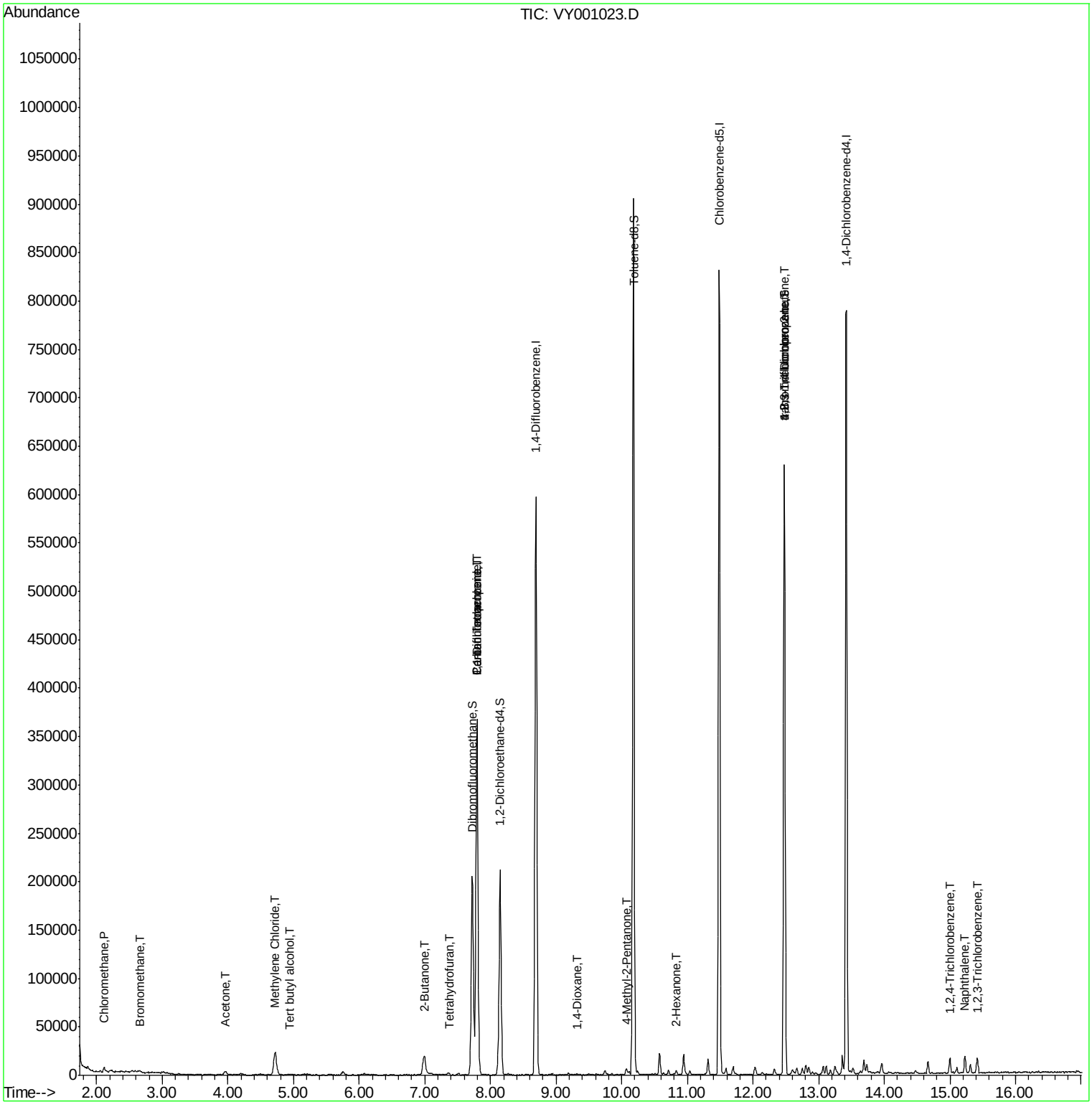
(#) = qualifier out of range (m) = manual integration (+) = signals summed

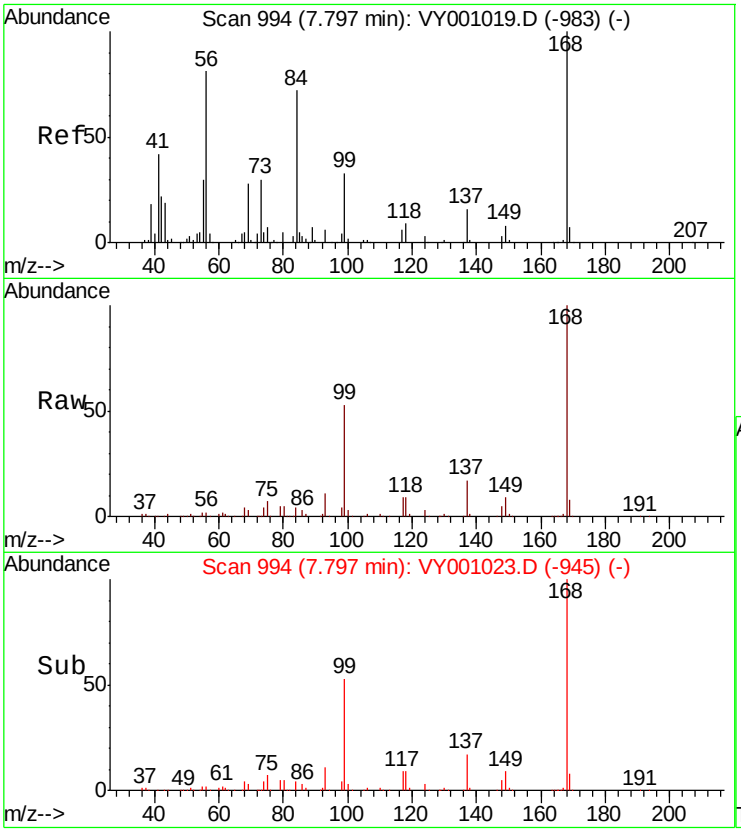
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122319\
Data File : VY001023.D
Acq On : 23 Dec 2019 13:03
Operator : SY/MD
Sample : VY1223SBL01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBL01

Quant Time: Dec 24 04:41:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 23 12:07:44 2019
Response via : Initial Calibration



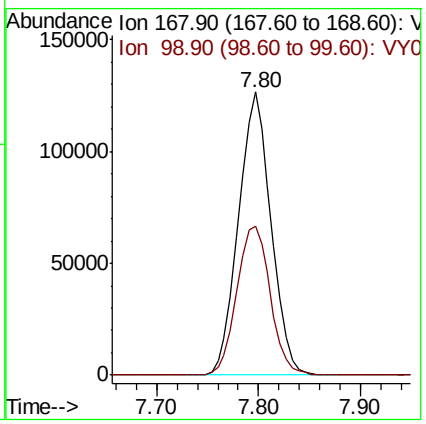


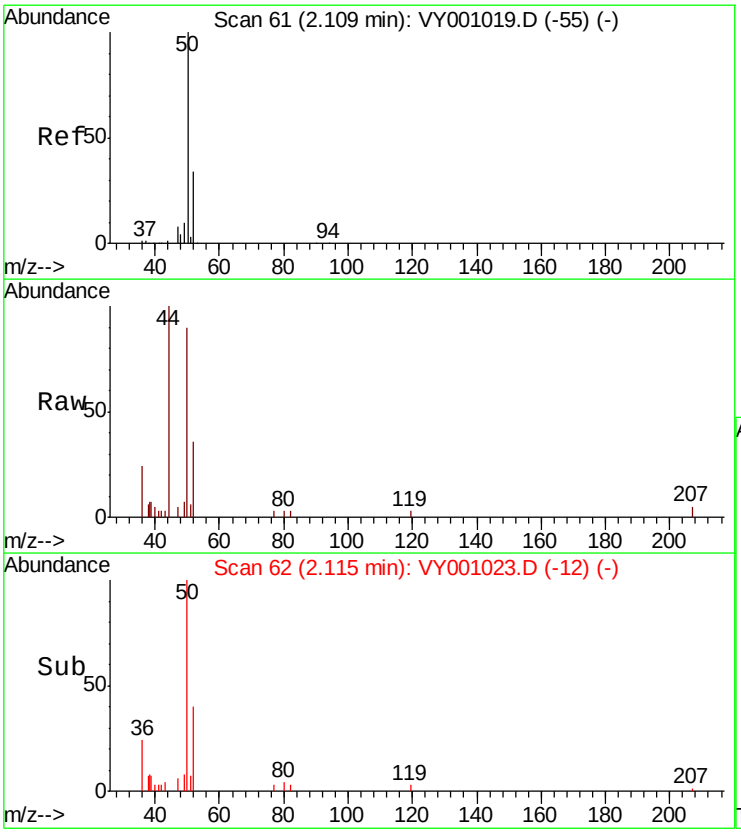
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.00 min
Lab File: VY001023.D
Acq: 23 Dec 2019 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBL01

Tgt Ion:168 Resp: 279784

Ion	Ratio	Lower	Upper
168	100		
99	52.8	44.0	66.0

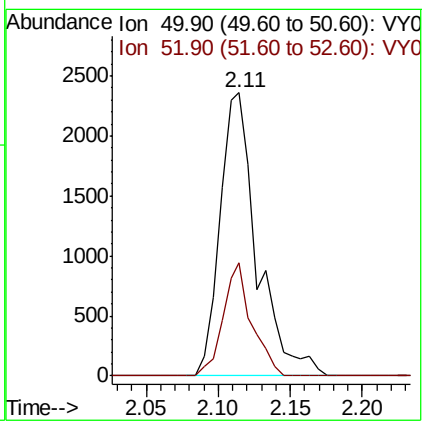


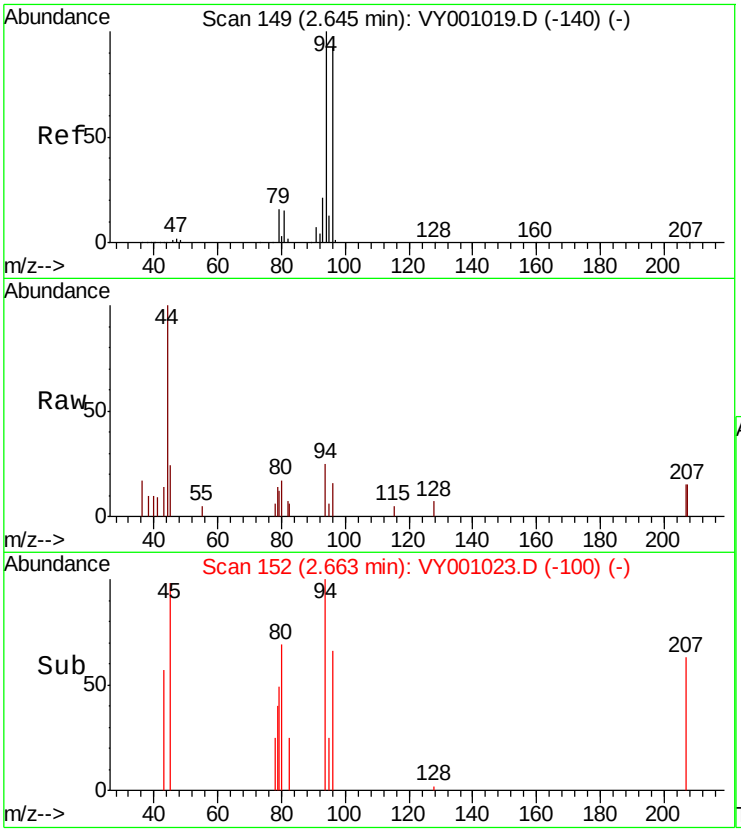


#3
Chloromethane
Concen: 1.281 ug/l
RT: 2.11 min Scan# 62
Delta R.T. 0.01 min
Lab File: VY001023.D
Acq: 23 Dec 2019 13:03

Tgt Ion: 50 Resp: 4252

Ion	Ratio	Lower	Upper
50	100		
52	39.9	27.1	40.7



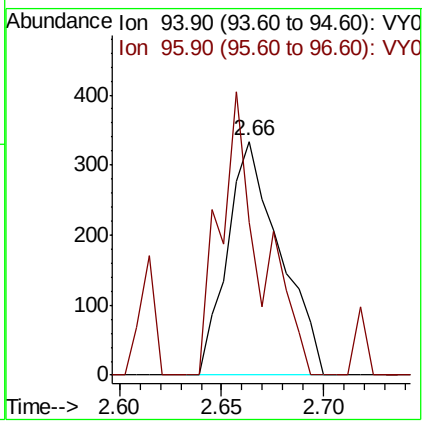


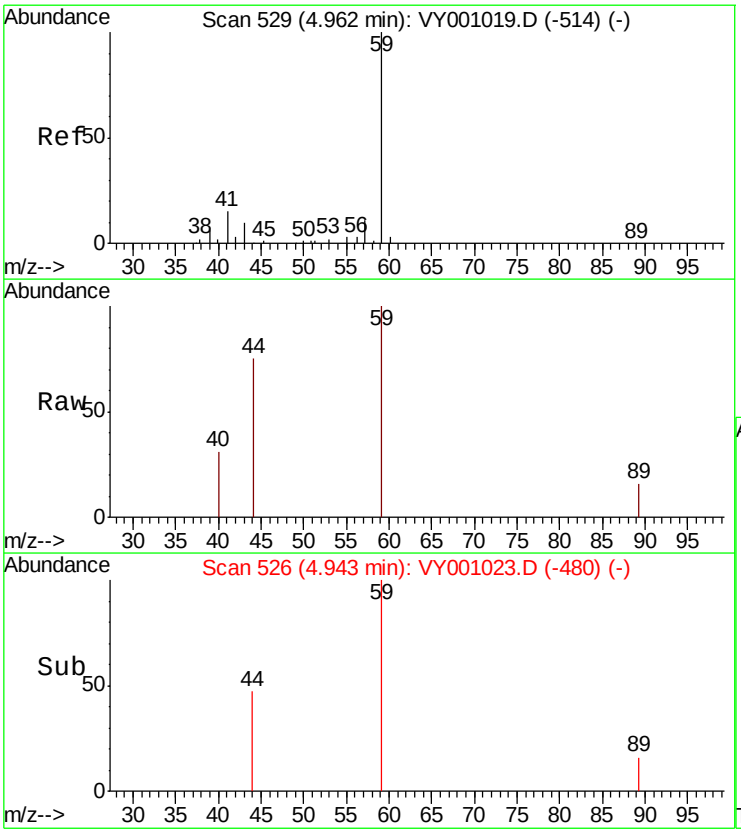
#5
Bromomethane
Concen: 1.006 ug/l
RT: 2.66 min Scan# 152
Delta R.T. 0.02 min
Lab File: VY001023.D
Acq: 23 Dec 2019 13:03

Instrument : MSVOA_Y
ClientSampleId : VY1223SBL01

Tgt Ion: 94 Resp: 598

Ion	Ratio	Lower	Upper
94	100		
96	65.6	74.2	111.4#

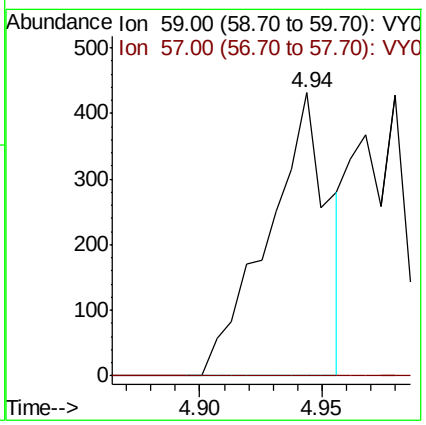


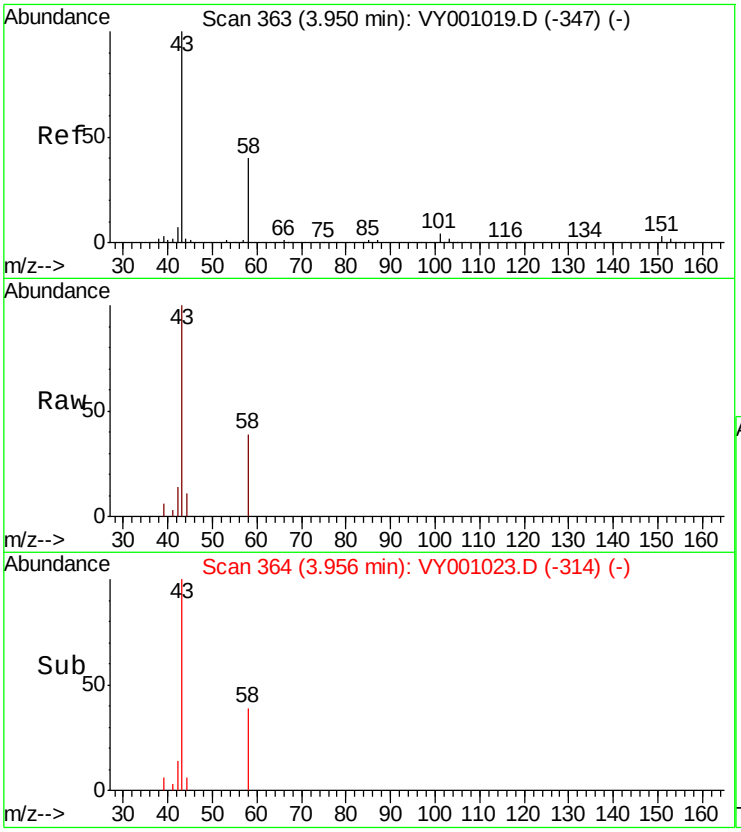


#11
Tert butyl alcohol
Concen: 2.436 ug/l
RT: 4.94 min Scan# 526
Delta R.T. -0.02 min
Lab File: VY001023.D
Acq: 23 Dec 2019 13:03

Tgt Ion: 59 Resp: 739

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#



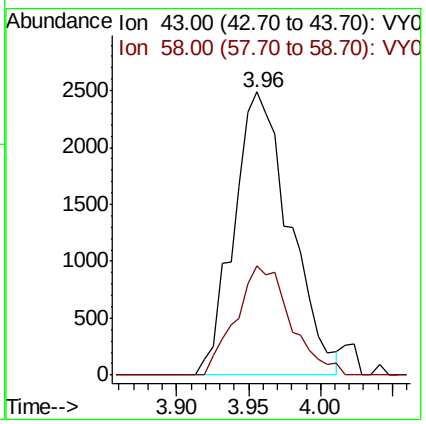


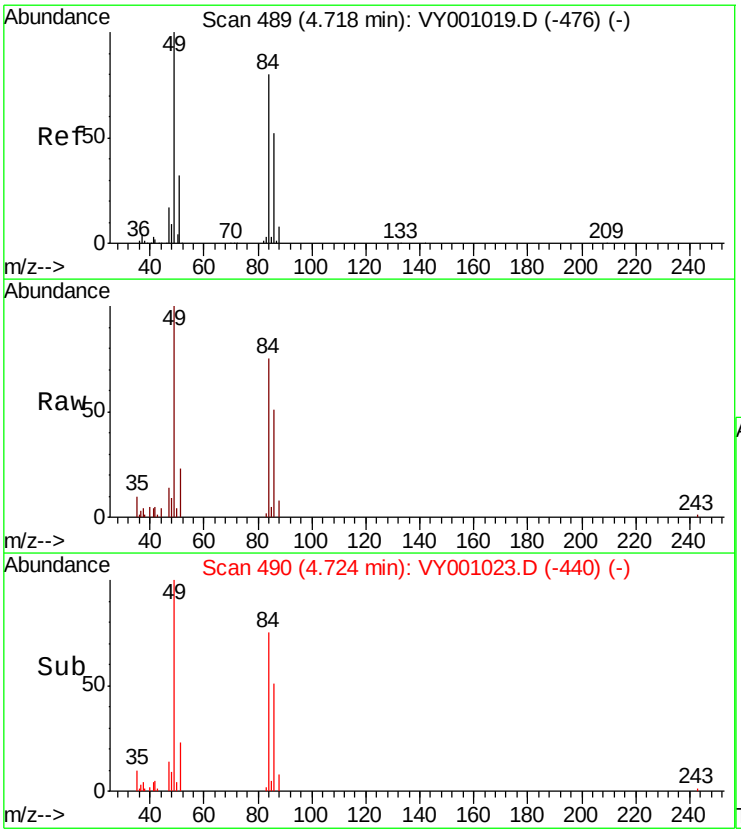
#16
Acetone
Concen: 10.560 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY001023.D
Acq: 23 Dec 2019 13:03

Instrument : MSVOA_Y
ClientSampleId : VY1223SBL01

Tgt Ion: 43 Resp: 6713

Ion	Ratio	Lower	Upper
43	100		
58	38.8	32.1	48.1

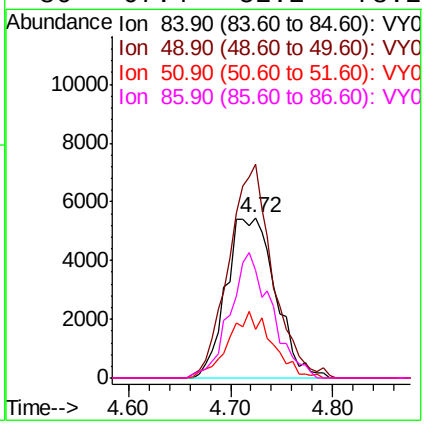


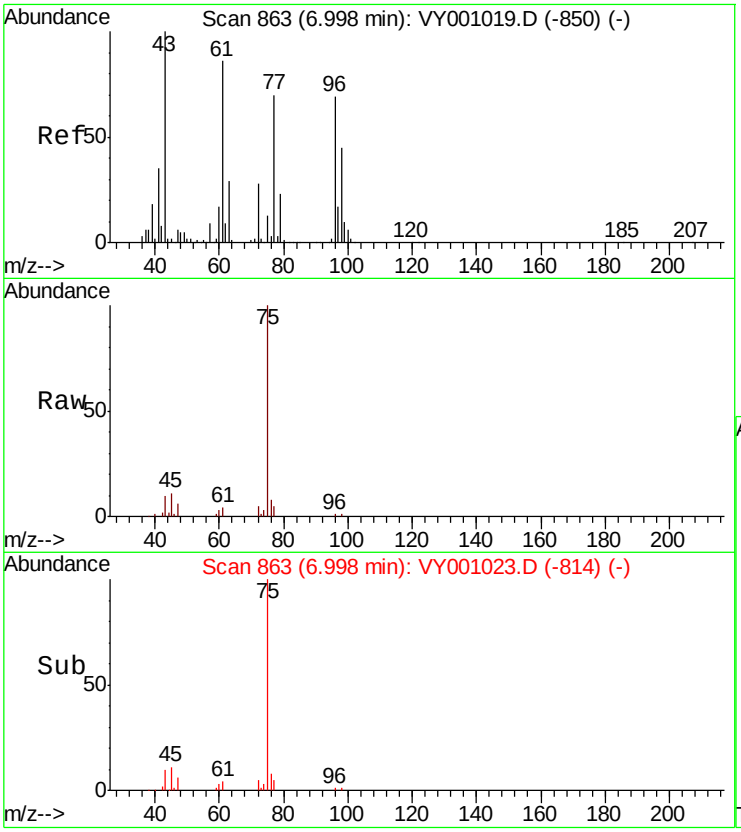


#20
Methylene Chloride
Concen: 4.890 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY001023.D
Acq: 23 Dec 2019 13:03

Tgt Ion: 84 Resp: 18297

Ion	Ratio	Lower	Upper
84	100		
49	133.4	99.8	149.6
51	30.4	31.4	47.2#
86	67.4	52.2	78.2



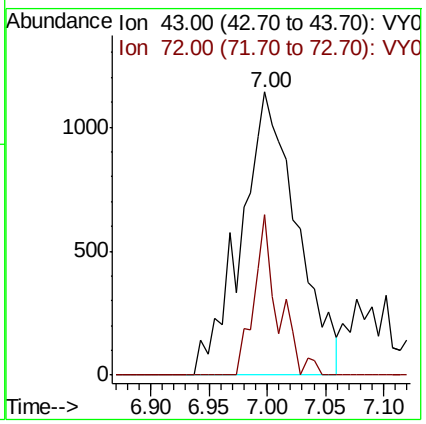


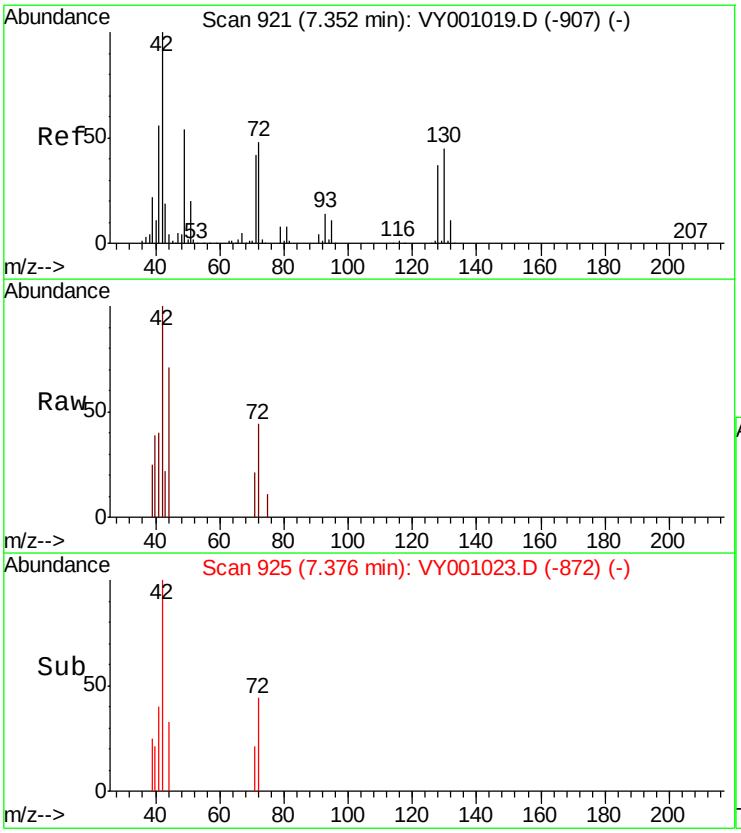
#25
2-Butanone
Concen: 3.420 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY001023.D
Acq: 23 Dec 2019 13:03

Instrument : MSVOA_Y
ClientSampleId : VY1223SBL01

Tgt Ion: 43 Resp: 3819

Ion	Ratio	Lower	Upper
43	100		
72	56.8	22.4	33.6#

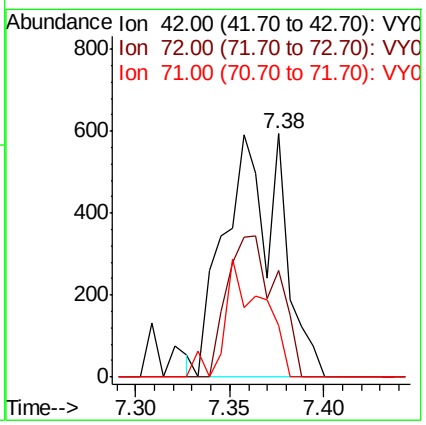


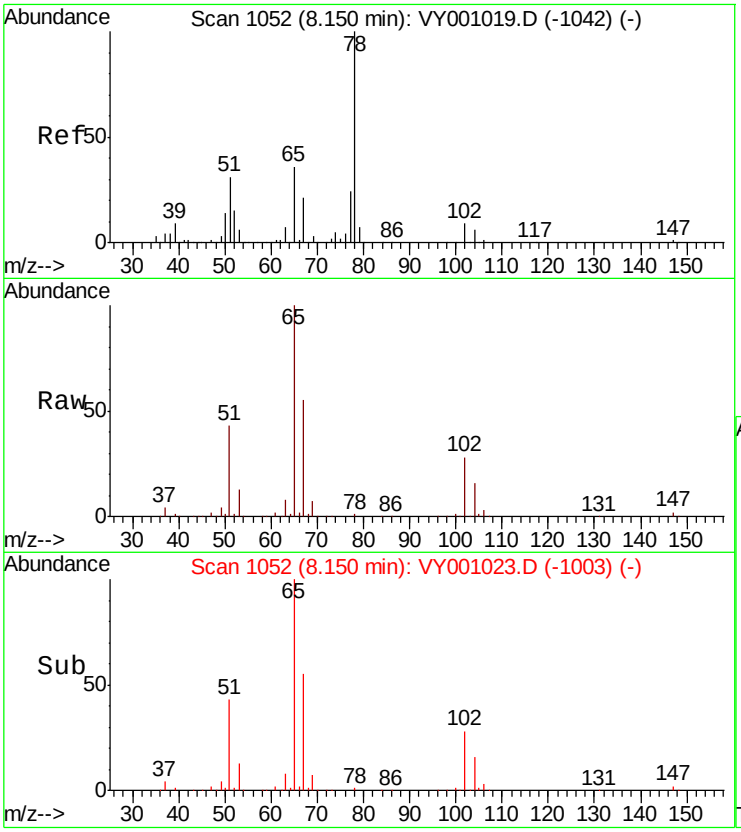


#29
Tetrahydrofuran
Concen: 1.509 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.02 min
Lab File: VY001023.D
Acq: 23 Dec 2019 13:03

Tgt Ion: 42 Resp: 1199

Ion	Ratio	Lower	Upper
42	100		
72	52.6	37.7	56.5
71	0.0	34.6	51.8#



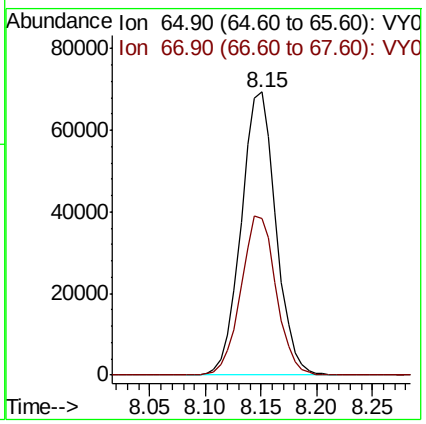


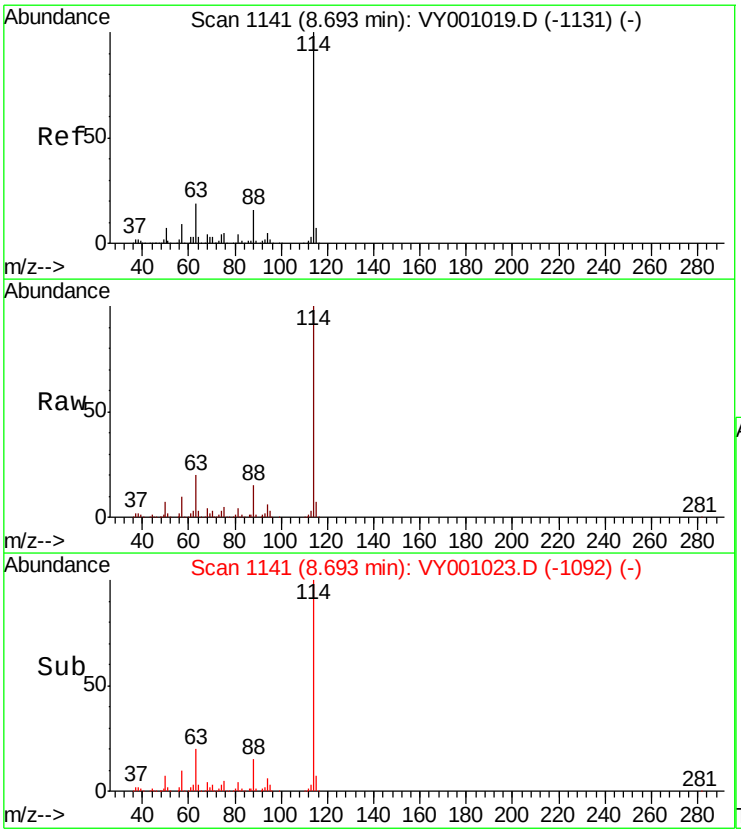
#33
1,2-Dichloroethane-d4
Concen: 54.539 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY001023.D
Acq: 23 Dec 2019 13:03

Instrument : MSVOA_Y
ClientSampleId : VY1223SBL01

Tgt Ion: 65 Resp: 150498

Ion	Ratio	Lower	Upper
65	100		
67	57.0	0.0	112.8

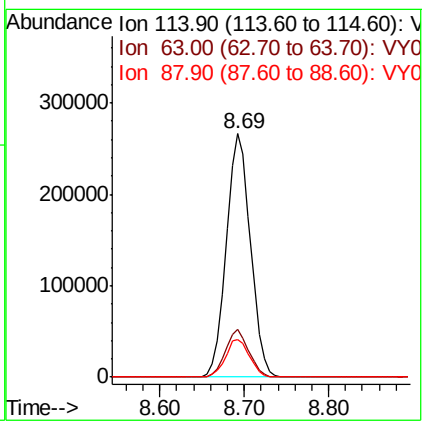


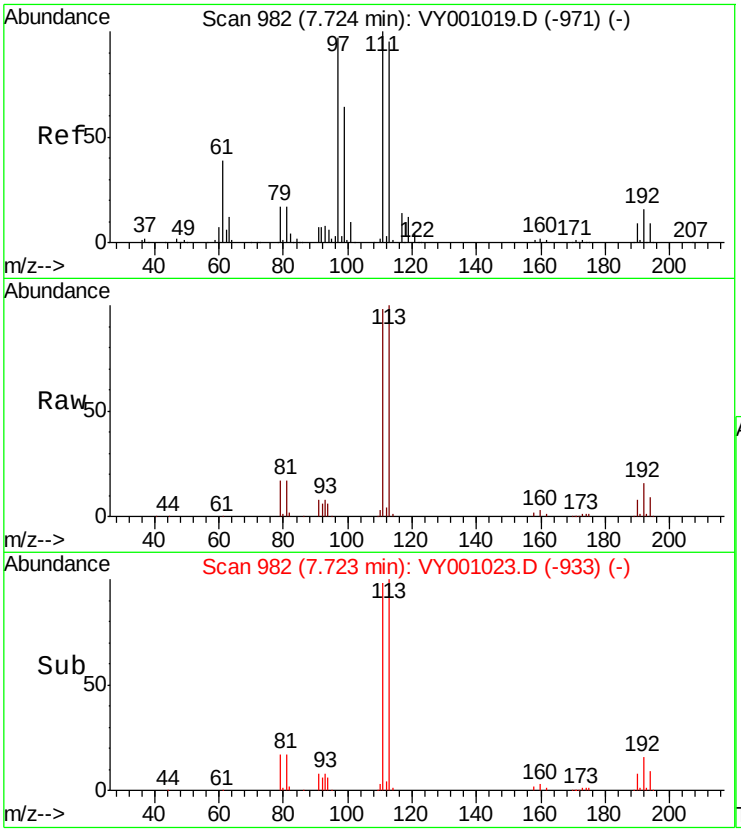


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VY001023.D
Acq: 23 Dec 2019 13:03

Tgt Ion:114 Resp: 515807

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	37.0
88	15.4	0.0	32.0



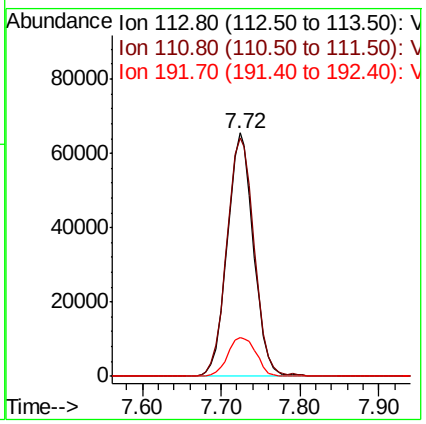


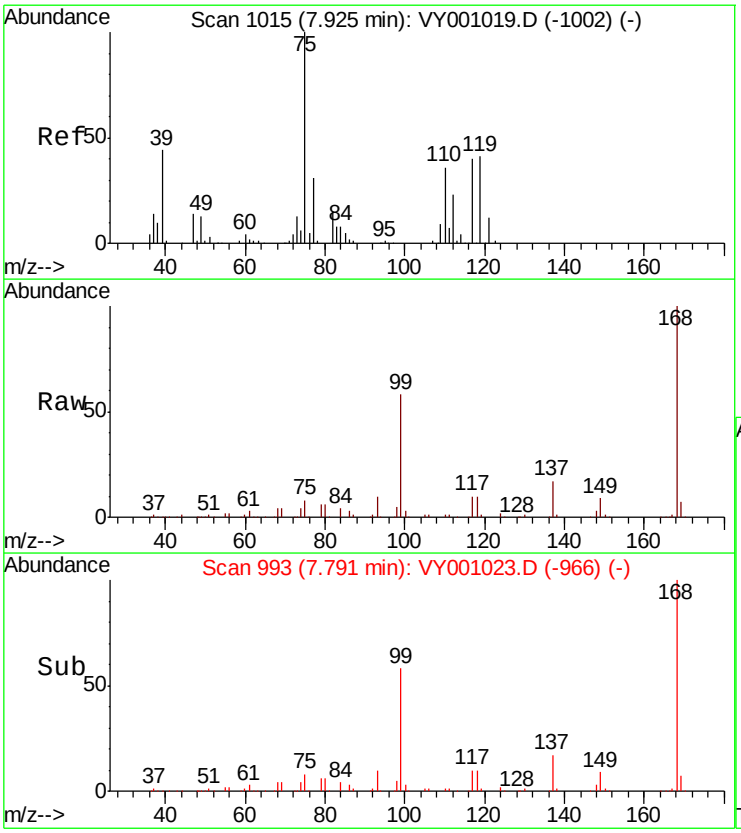
#35
Dibromofluoromethane
Concen: 49.714 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY001023.D
Acq: 23 Dec 2019 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBL01

Tgt Ion:113 Resp: 150999

Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.0	124.4
192	17.4	14.6	21.8

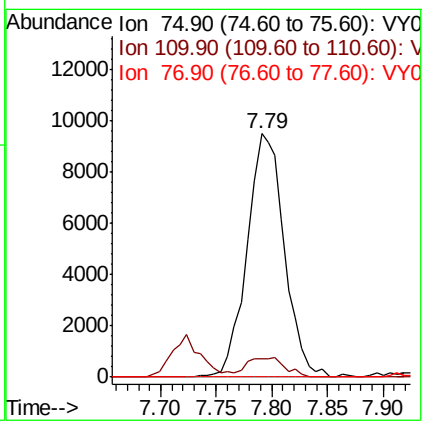


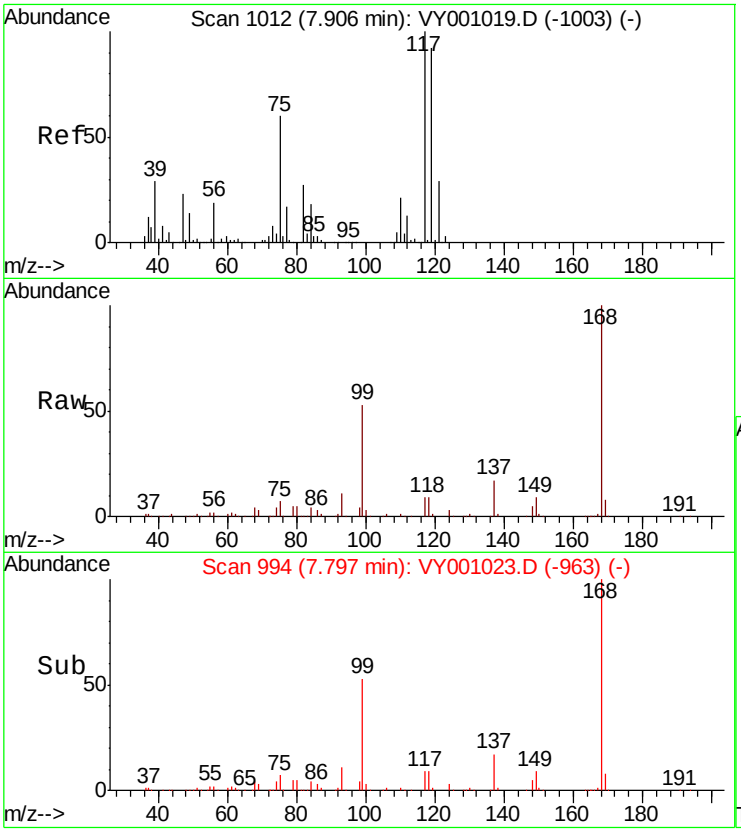


#36
1,1-Dichloropropene
Concen: 4.497 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.13 min
Lab File: VY001023.D
Acq: 23 Dec 2019 13:03

Tgt Ion: 75 Resp: 22127

Ion	Ratio	Lower	Upper
75	100		
110	8.1	18.1	54.4#
77	0.0	24.6	37.0#



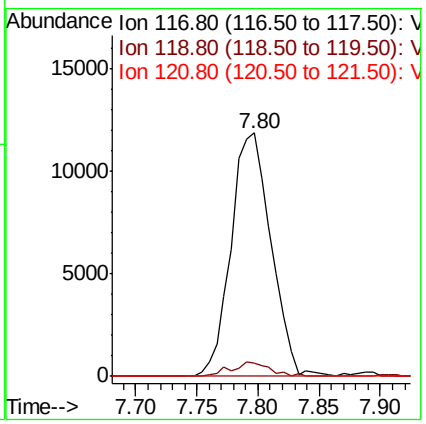


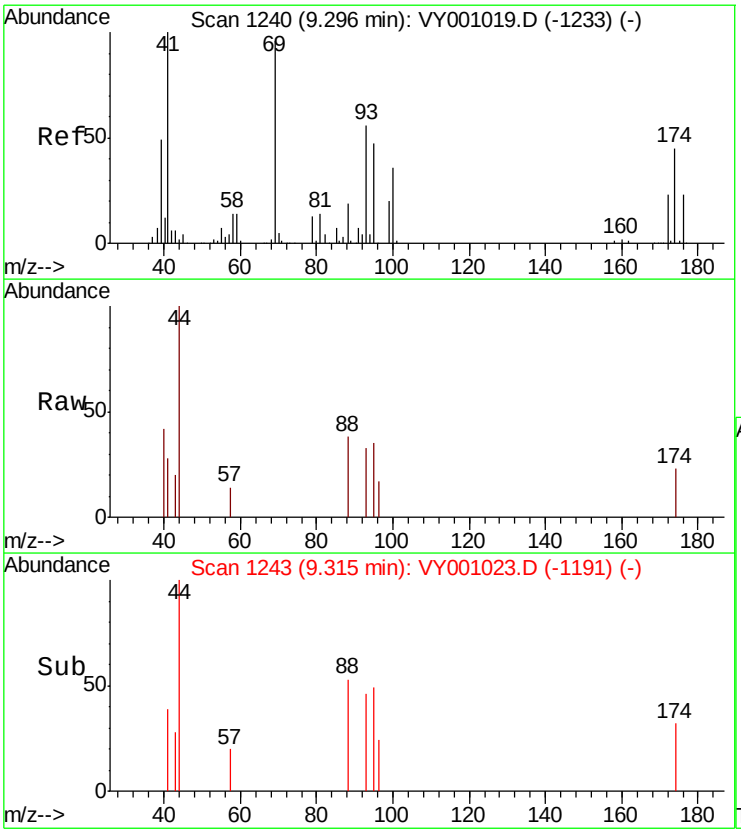
#38
Carbon Tetrachloride
Concen: 6.232 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY001023.D
Acq: 23 Dec 2019 13:03

Instrument : MSVOA_Y
ClientSampleId : VY1223SBL01

Tgt Ion:117 Resp: 26869

Ion	Ratio	Lower	Upper
117	100		
119	5.5	74.2	111.2#
121	0.0	22.9	34.3#

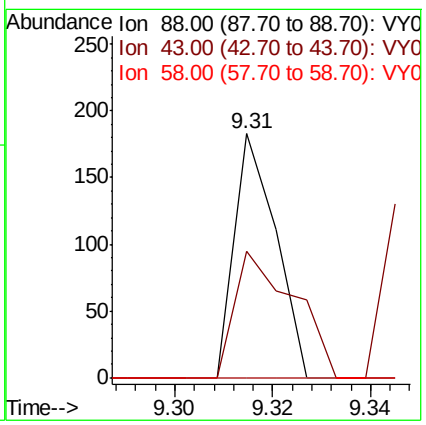


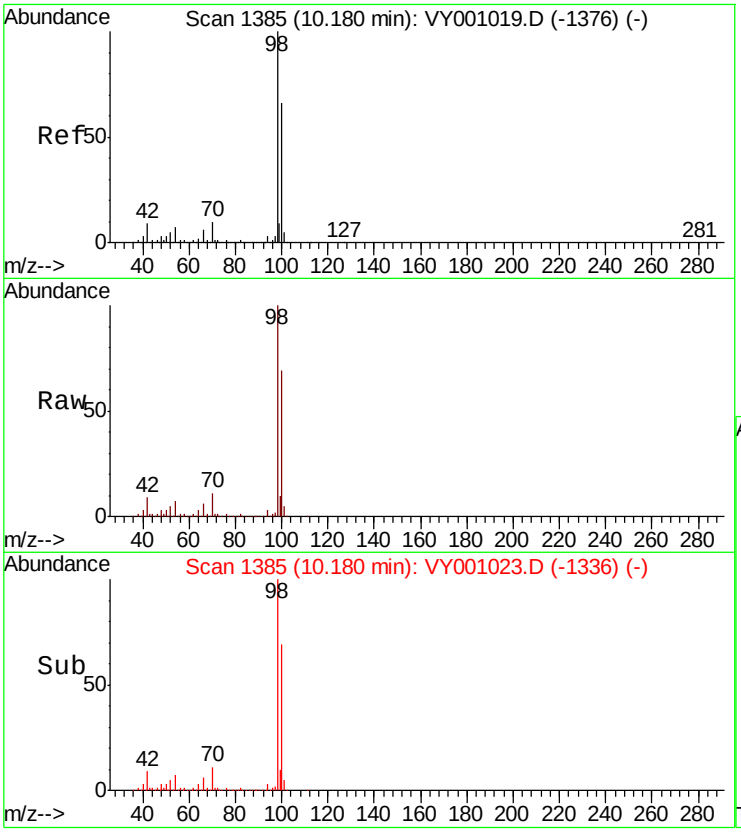


#49
1,4-Dioxane
Concen: 3.846 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. 0.02 min
Lab File: VY001023.D
Acq: 23 Dec 2019 13:03

Tgt Ion: 88 Resp: 108

Ion	Ratio	Lower	Upper
88	100		
43	74.1	23.0	34.4#
58	0.0	54.9	82.3#



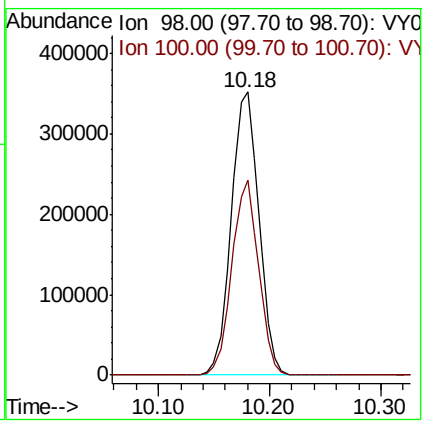


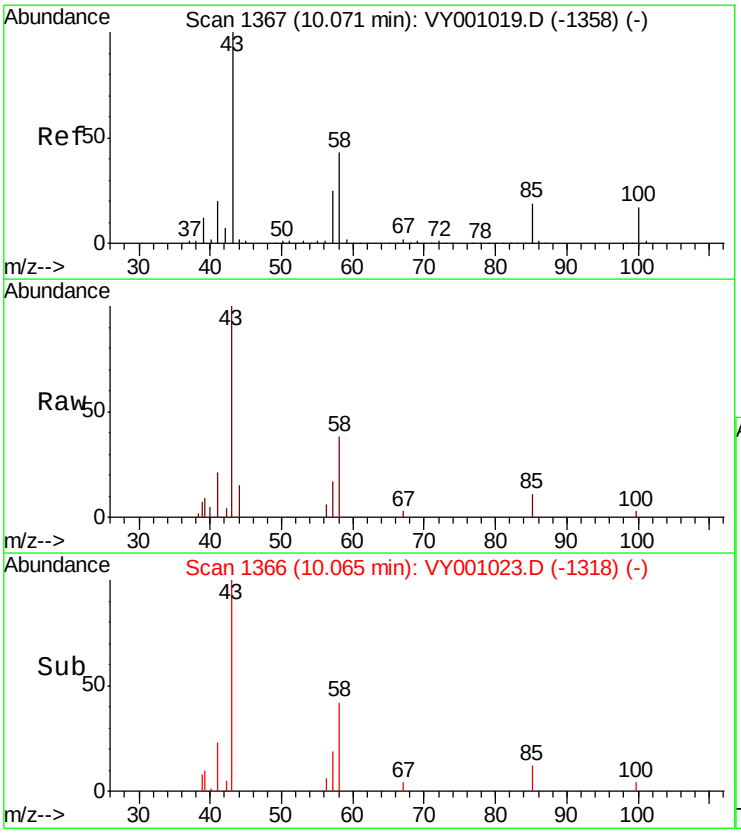
#50
Toluene-d8
Concen: 50.953 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY001023.D
Acq: 23 Dec 2019 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBL01

Tgt Ion: 98 Resp: 604804

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.4

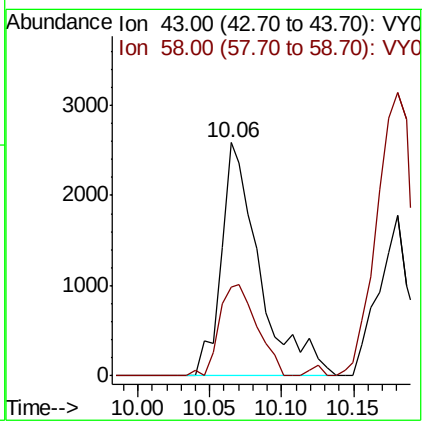


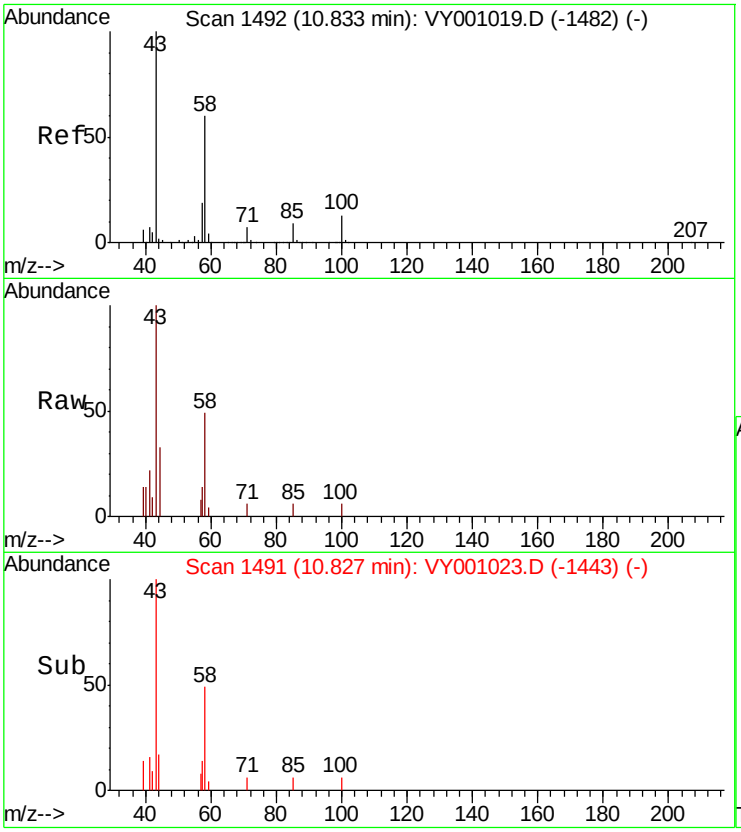


#51
4-Methyl-2-Pentanone
Concen: 1.840 ug/l
RT: 10.06 min Scan# 1366
Delta R.T. -0.01 min
Lab File: VY001023.D
Acq: 23 Dec 2019 13:03

Tgt Ion: 43 Resp: 4836

Ion	Ratio	Lower	Upper
43	100		
58	38.4	34.6	52.0



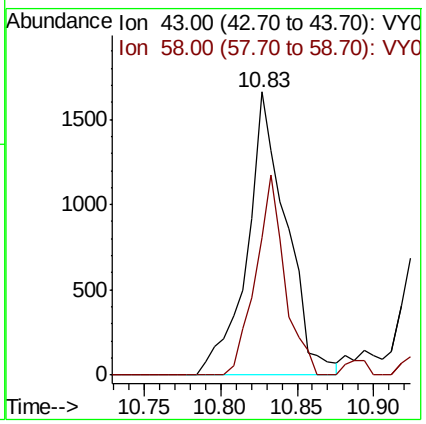


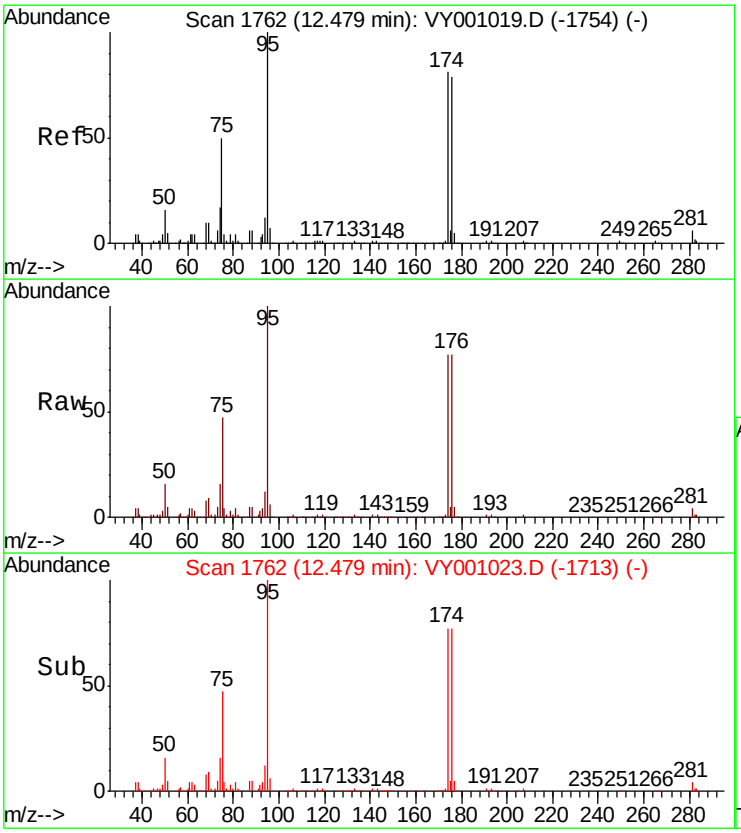
#59
2-Hexanone
Concen: 1.628 ug/l
RT: 10.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: VY001023.D
Acq: 23 Dec 2019 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBL01

Tgt Ion: 43 Resp: 2961

Ion	Ratio	Lower	Upper
43	100		
58	52.9	30.6	91.6

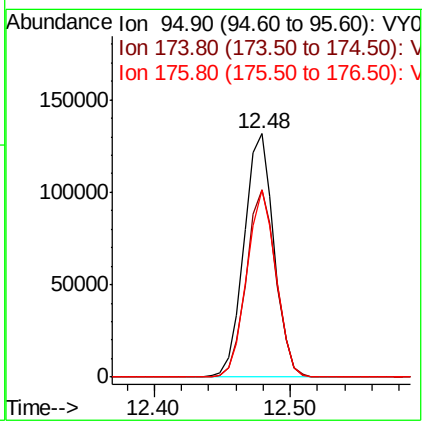


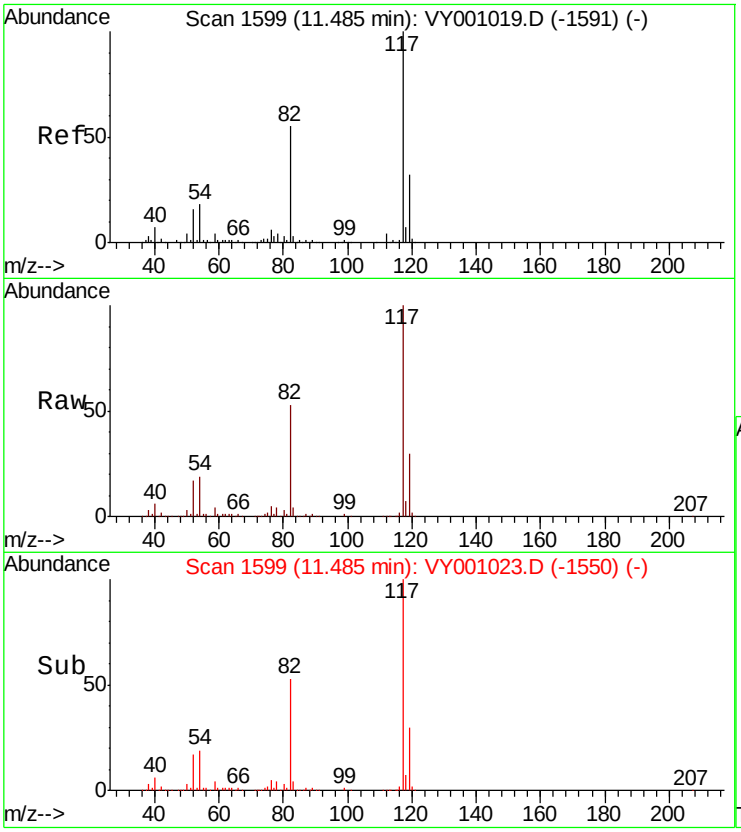


#62
4-Bromofluorobenzene
Concen: 46.794 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY001023.D
Acq: 23 Dec 2019 13:03

Tgt Ion: 95 Resp: 203079

Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	156.4
176	75.4	0.0	155.0



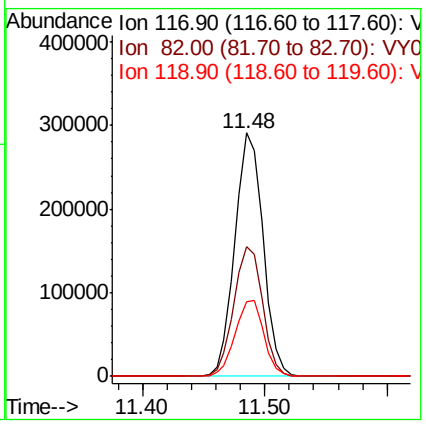


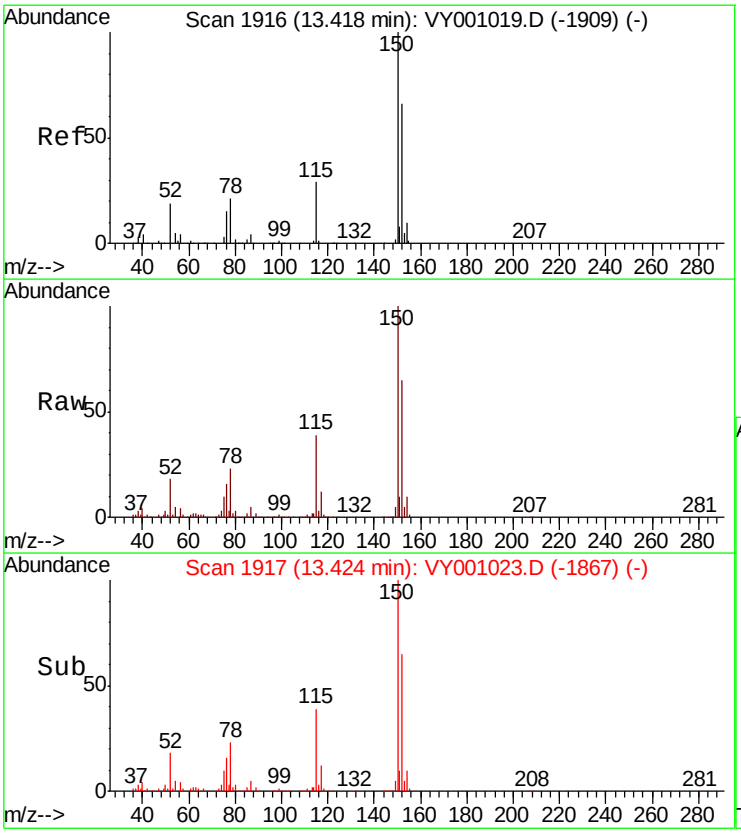
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VY001023.D
Acq: 23 Dec 2019 13:03

Instrument : MSVOA_Y
ClientSampleId : VY1223SBL01

Tgt Ion:117 Resp: 464433

Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.8	65.8
119	30.4	25.8	38.6

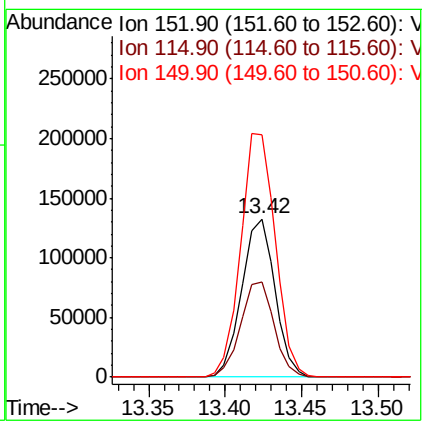


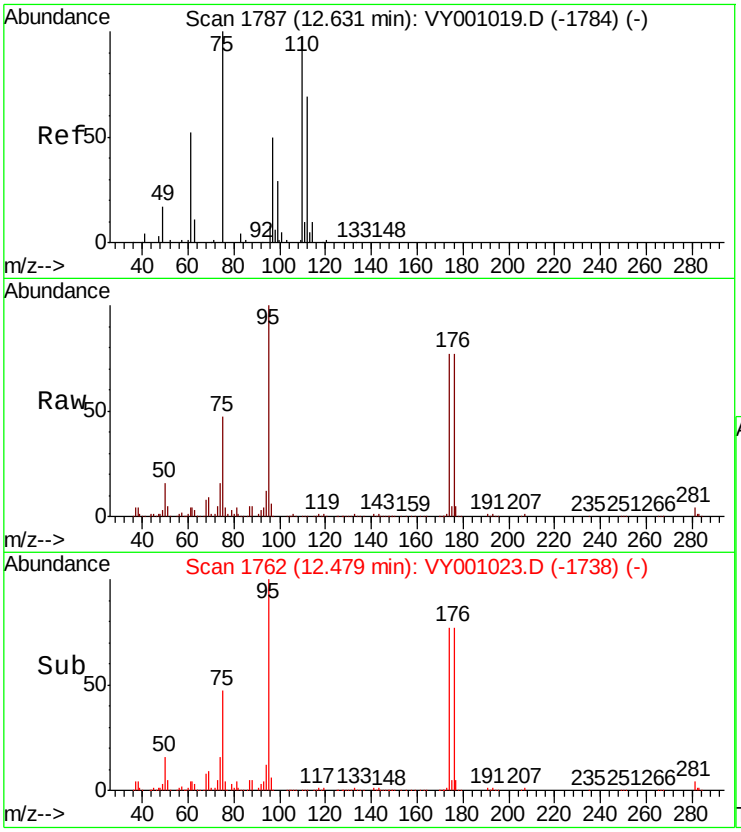


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.01 min
Lab File: VY001023.D
Acq: 23 Dec 2019 13:03

Tgt Ion:152 Resp: 200839

Ion	Ratio	Lower	Upper
152	100		
115	60.3	29.8	89.3
150	159.4	0.0	352.6



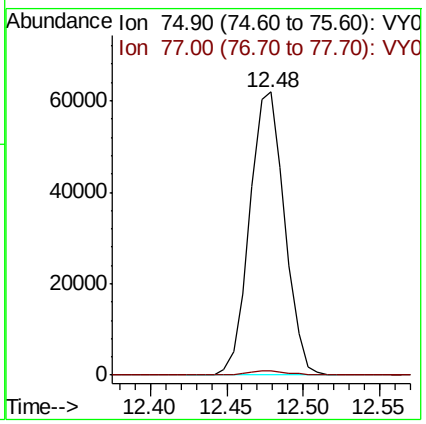


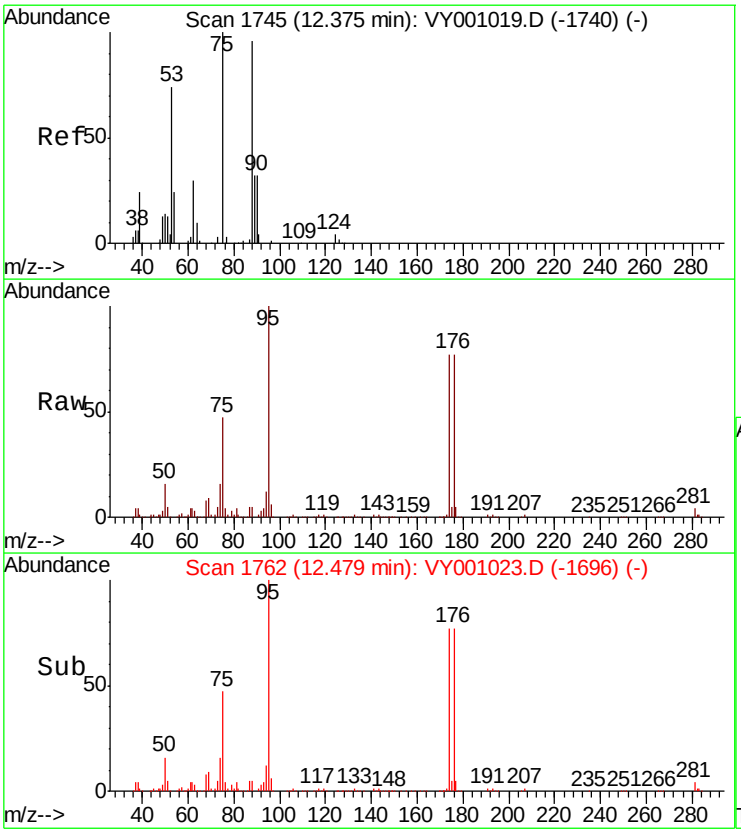
#76
1,2,3-Trichloropropane
Concen: 39.699 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY001023.D
Acq: 23 Dec 2019 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBL01

Tgt Ion: 75 Resp: 98293

Ion	Ratio	Lower	Upper
75	100		
77	1.7	0.0	0.0#

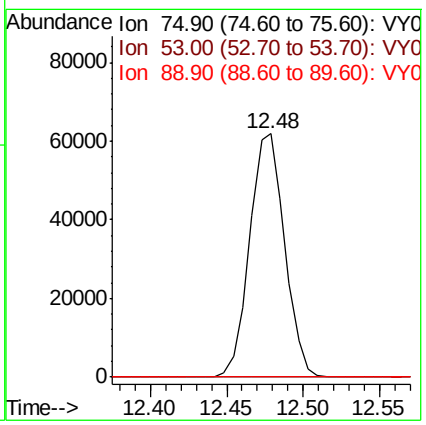


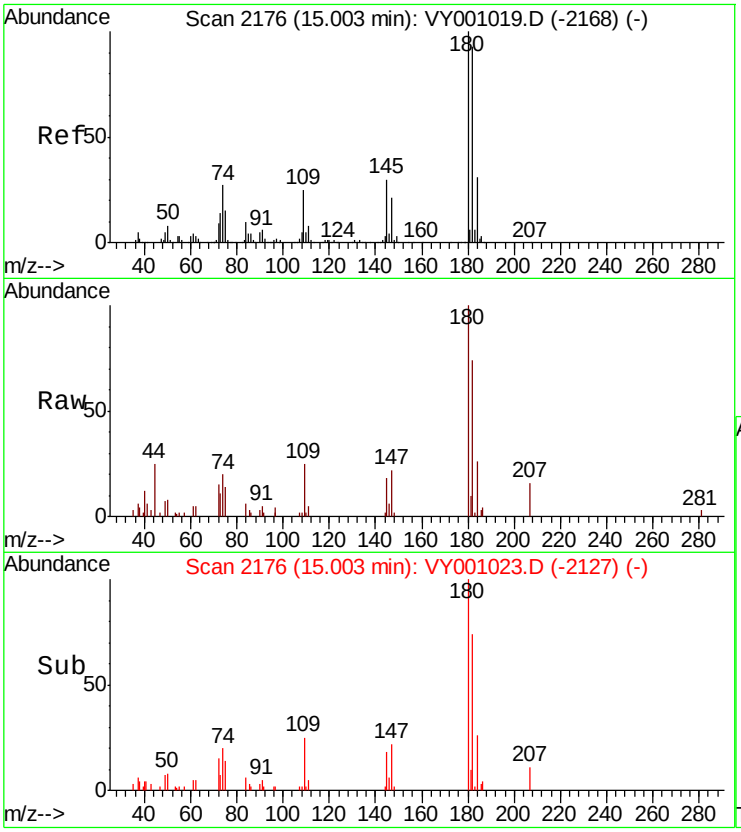


#81
trans-1,4-Dichloro-2-butene
Concen: 84.669 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY001023.D
Acq: 23 Dec 2019 13:03

Tgt Ion: 75 Resp: 98293

Ion	Ratio	Lower	Upper
75	100		
53	0.0	60.6	91.0#
89	0.2	35.4	53.0#



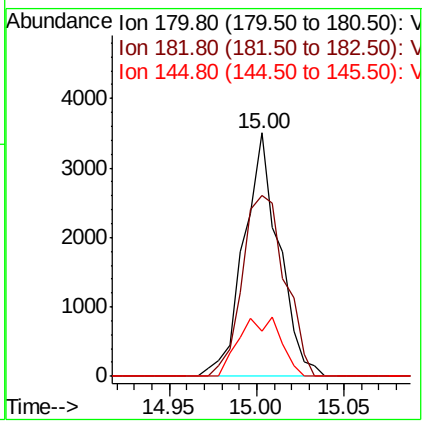


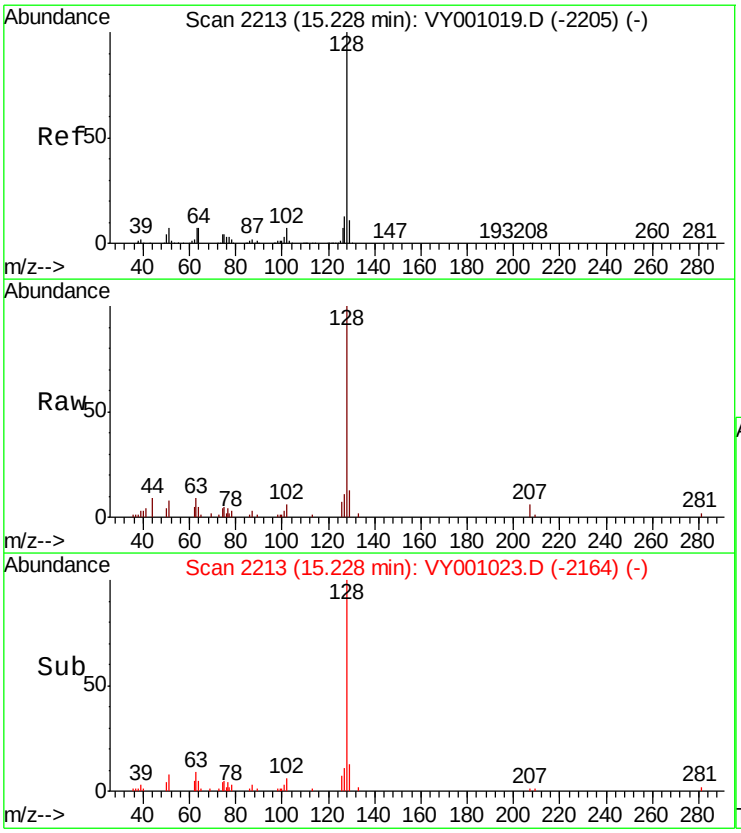
#93
1,2,4-Trichlorobenzene
Concen: 1.174 ug/l
RT: 15.00 min Scan# 2176
Delta R.T. -0.00 min
Lab File: VY001023.D
Acq: 23 Dec 2019 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBL01

Tgt Ion:180 Resp: 4906

Ion	Ratio	Lower	Upper
180	100		
182	90.4	46.8	140.3
145	28.7	15.3	45.9

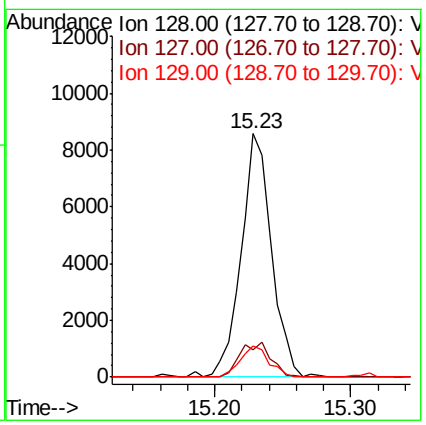


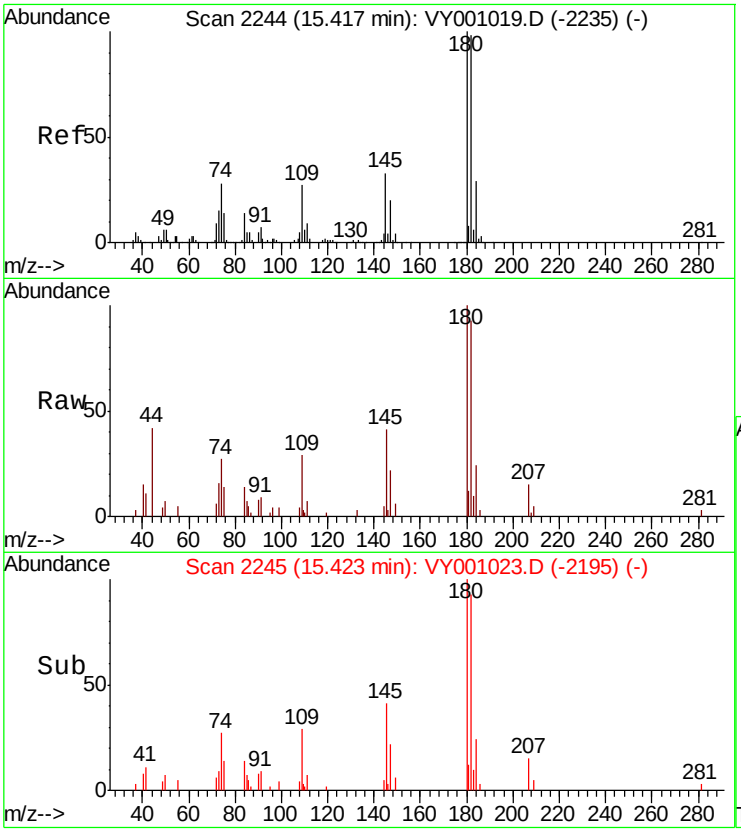


#95
Naphthalene
Concen: 1.366 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY001023.D
Acq: 23 Dec 2019 13:03

Tgt Ion:128 Resp: 13431

Ion	Ratio	Lower	Upper
128	100		
127	14.4	9.9	14.9
129	12.1	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 1.214 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY001023.D
Acq: 23 Dec 2019 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBL01

Tgt Ion:180 Resp: 4526

Ion	Ratio	Lower	Upper
180	100		
182	100.0	47.9	143.8
145	35.4	16.3	48.9