Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011320\
Data File : VY001172.D
Acq On : 13 Jan 2020 11:58
Operator : SY/MD
Sample : L1084-01
Misc : 5.01G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : AF-1

Quant Time: Jan 14 10:10:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	156584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	284339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	255127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	112217	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	86667	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.80%			
35) Dibromofluoromethane	7.73	113	84848	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.94%			
50) Toluene-d8	10.18	98	336999	52.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.08%			
62) 4-Bromofluorobenzene	12.48	95	121469	46.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.64%			
Target Compounds						Qvalue
3) Chloromethane	2.12	50	6021	3.474	ug/l	94
11) Tert butyl alcohol	4.96	59	1137	6.833	ug/l #	92
13) Acrolein	3.74	56	194	1.295	ug/l #	72
16) Acetone	3.95	43	3122	8.128	ug/l	99
20) Methylene Chloride	4.73	84	7942	Below Cal		96
25) 2-Butanone	7.00	43	3023	5.057	ug/l #	80
26) 2,2-Dichloropropane	7.00	77	3480	1.253	ug/l #	53
29) Tetrahydrofuran	7.37	42	1012	2.470	ug/l #	87
31) Cyclohexane	7.80	56	3328	1.040	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	11966	4.617	ug/l #	49
38) Carbon Tetrachloride	7.80	117	14920	6.282	ug/l #	16
51) 4-Methyl-2-Pentanone	10.08	43	2500	1.694	ug/l #	76
76) 1,2,3-Trichloropropane	12.48	75	58437	48.645	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	58437	82.491	ug/l #	6

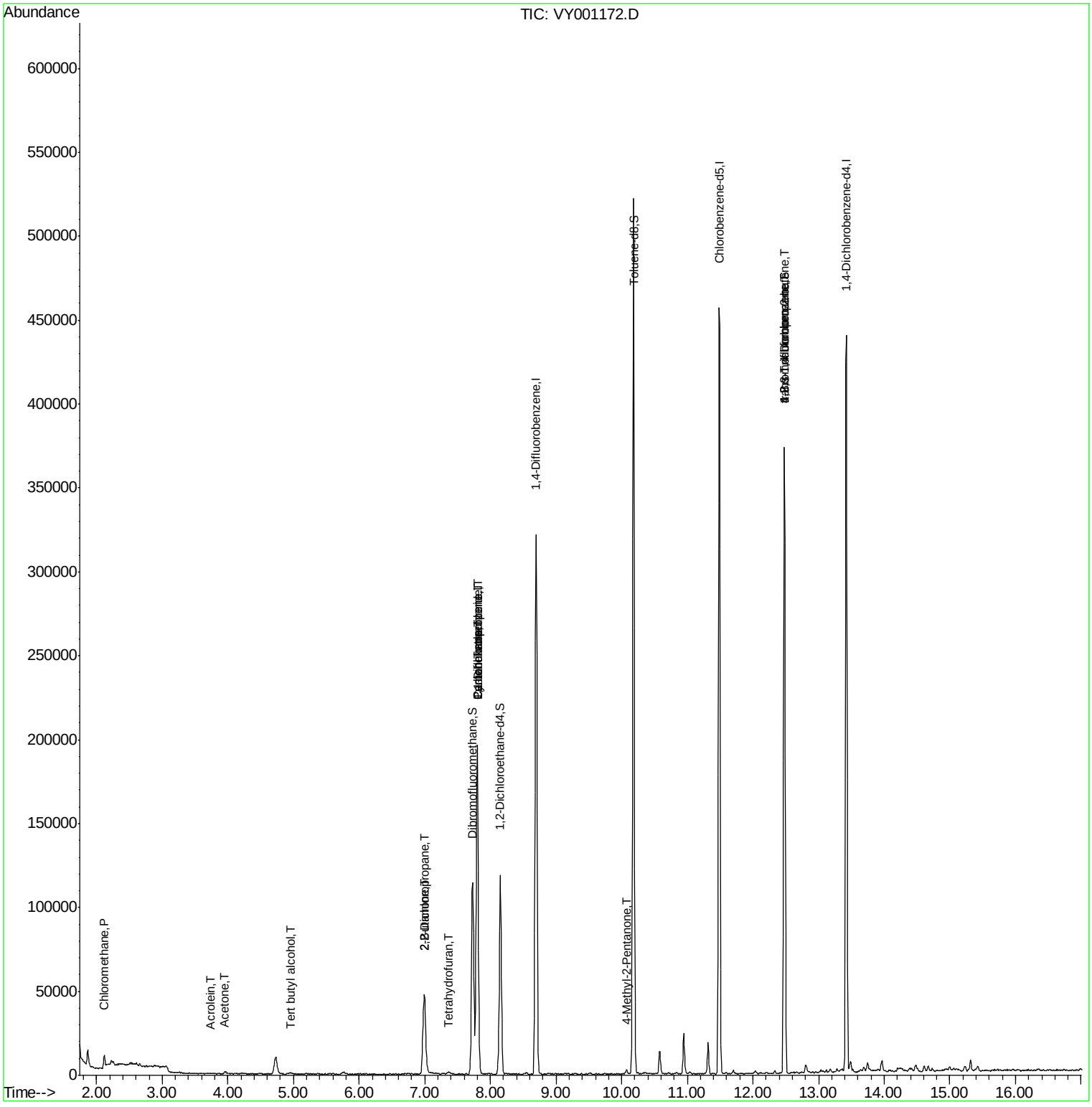
(#) = qualifier out of range (m) = manual integration (+) = signals summed

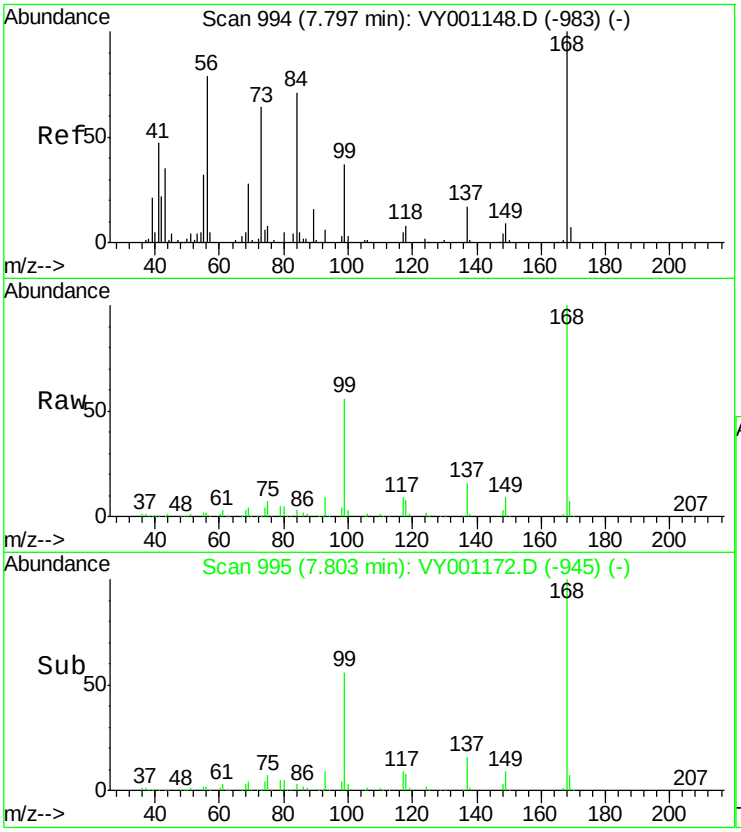
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011320\
Data File : VY001172.D
Acq On : 13 Jan 2020 11:58
Operator : SY/MD
Sample : L1084-01
Misc : 5.01G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AF-1

Quant Time: Jan 14 10:10:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration



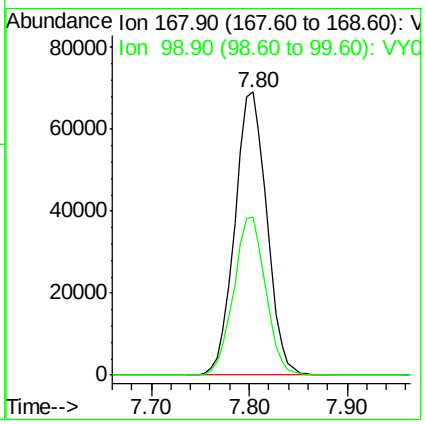


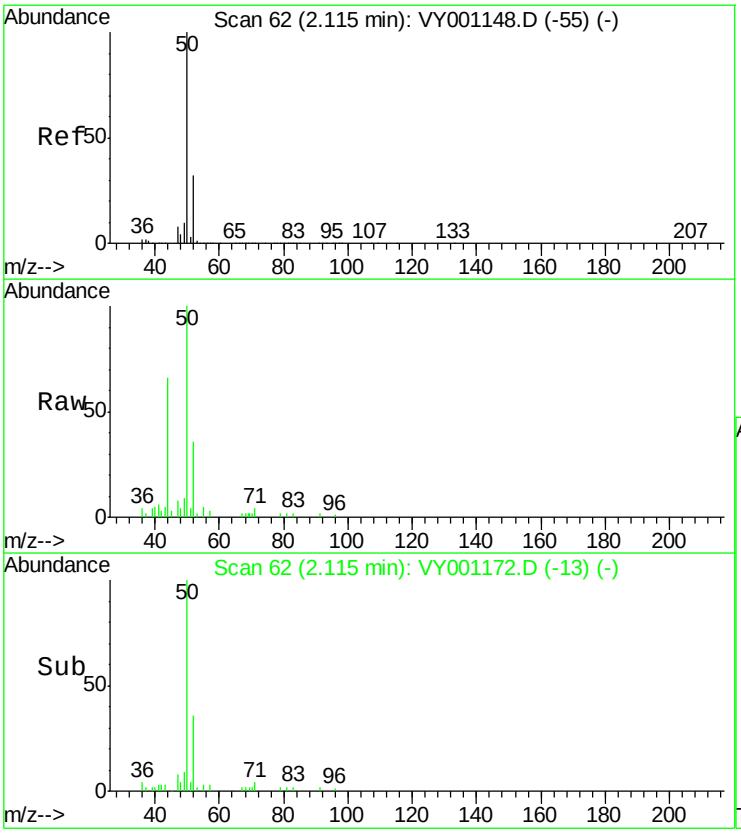
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY001172.D
Acq: 13 Jan 2020 11:58

Instrument :
MSVOA_Y
ClientSampleId :
AF-1

Tgt Ion:168 Resp: 156584

Ion	Ratio	Lower	Upper
168	100		
99	55.8	47.9	71.9

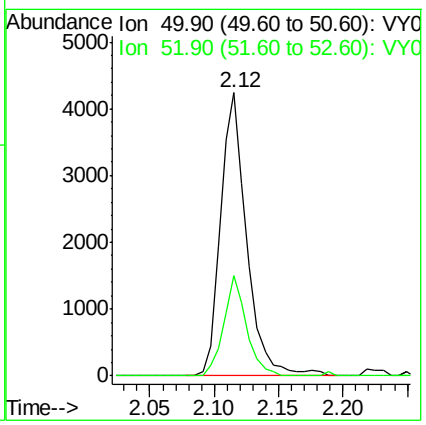


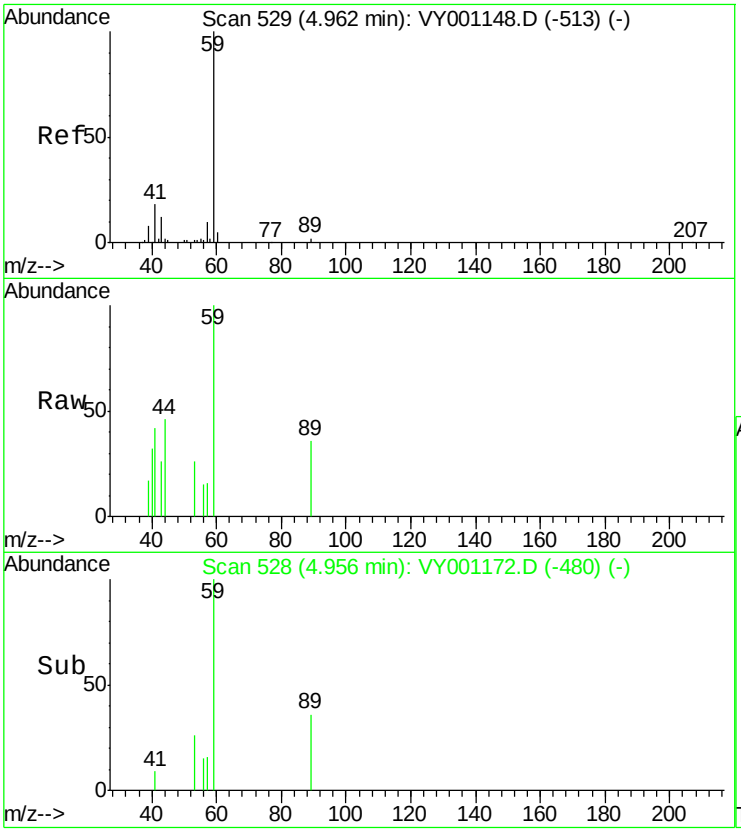


#3
Chloromethane
Concen: 3.474 ug/l
RT: 2.12 min Scan# 62
Delta R.T. 0.00 min
Lab File: VY001172.D
Acq: 13 Jan 2020 11:58

Tgt Ion: 50 Resp: 6021

Ion	Ratio	Lower	Upper
50	100		
52	35.5	25.8	38.6



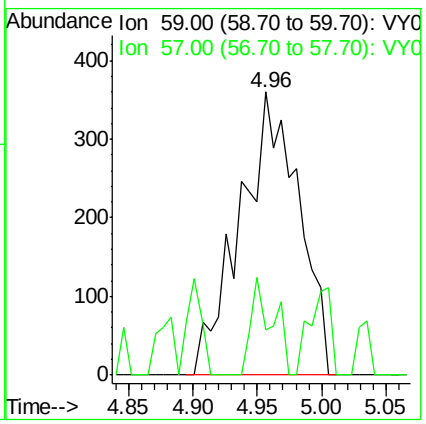


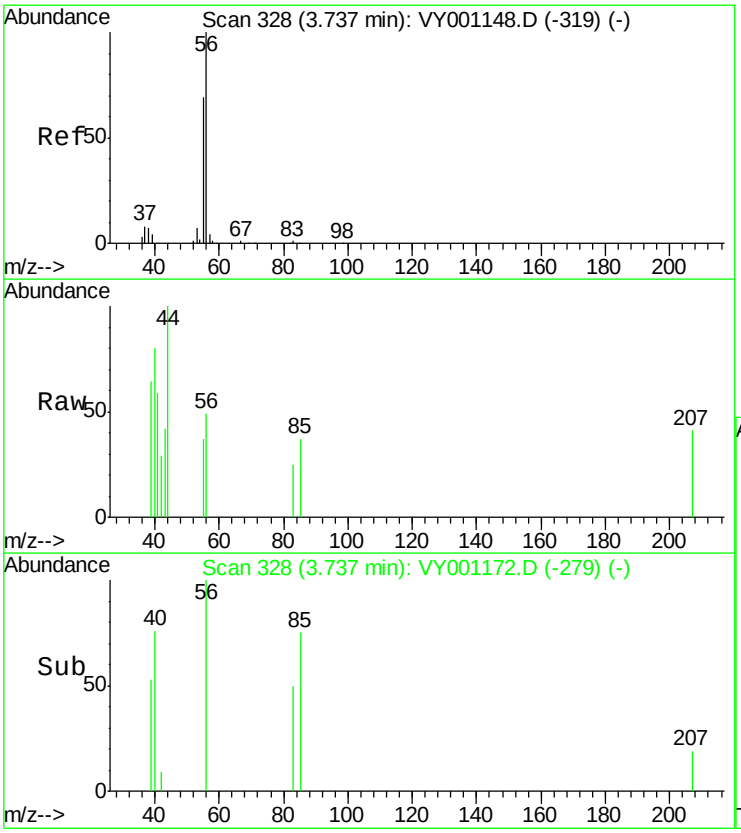
#11
Tert butyl alcohol
Concen: 6.833 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.01 min
Lab File: VY001172.D
Acq: 13 Jan 2020 11:58

Instrument :
MSVOA_Y
ClientSampleId :
AF-1

Tgt Ion: 59 Resp: 1137

Ion	Ratio	Lower	Upper
59	100		
57	12.7	7.8	11.8#

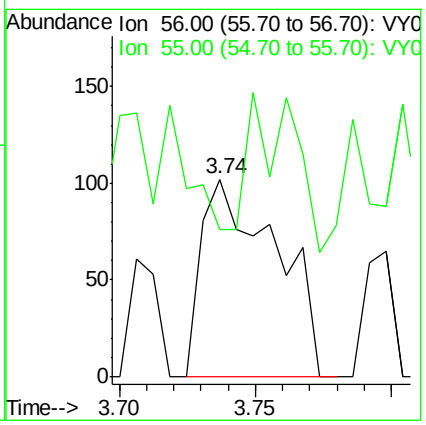


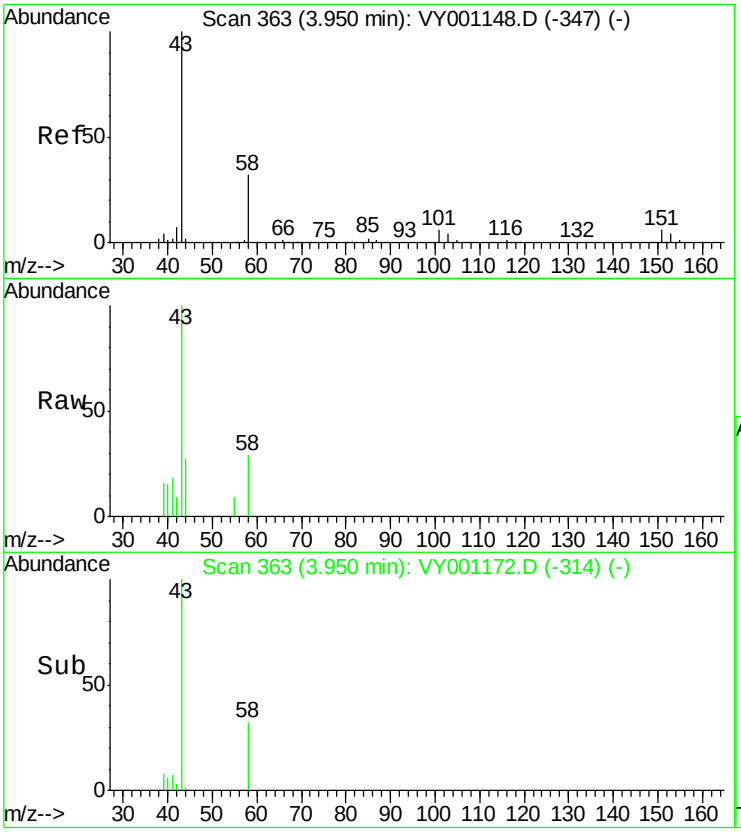


#13
Acrolein
Concen: 1.295 ug/l
RT: 3.74 min Scan# 328
Delta R.T. 0.00 min
Lab File: VY001172.D
Acq: 13 Jan 2020 11:58

Tgt Ion: 56 Resp: 194

Ion	Ratio	Lower	Upper
56	100		
55	47.9	56.7	85.1#



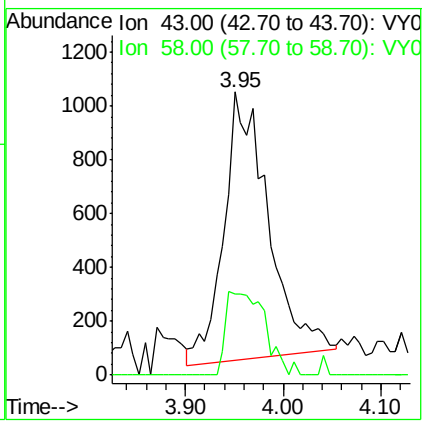


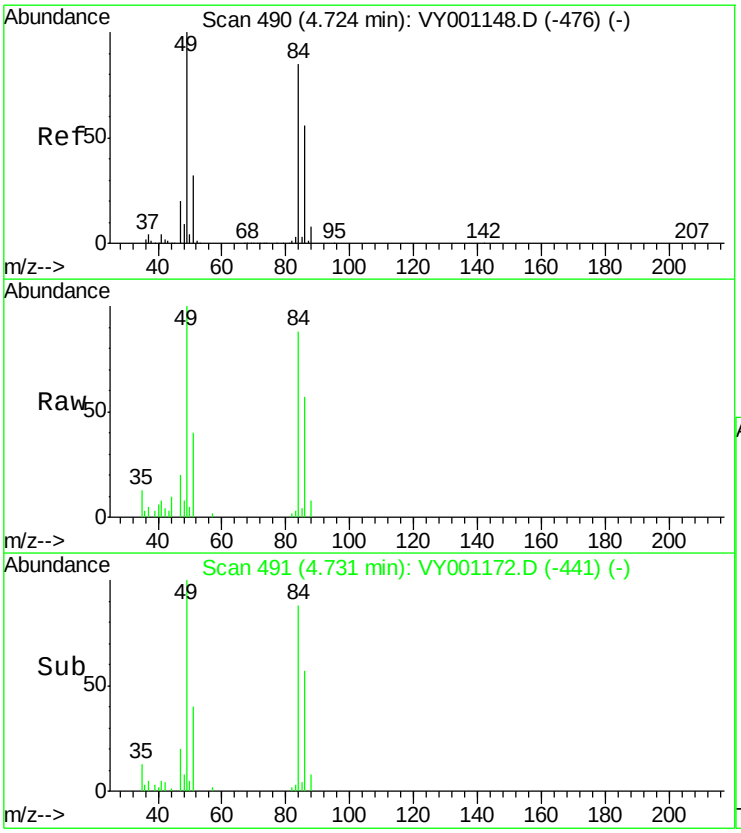
#16
Acetone
Concen: 8.128 ug/l
RT: 3.95 min Scan# 363
Delta R.T. 0.00 min
Lab File: VY001172.D
Acq: 13 Jan 2020 11:58

Instrument : MSVOA_Y
ClientSampleId : AF-1

Tgt Ion: 43 Resp: 3122

Ion	Ratio	Lower	Upper
43	100		
58	31.5	25.8	38.6

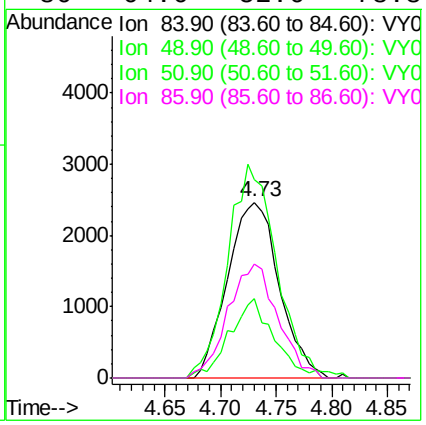


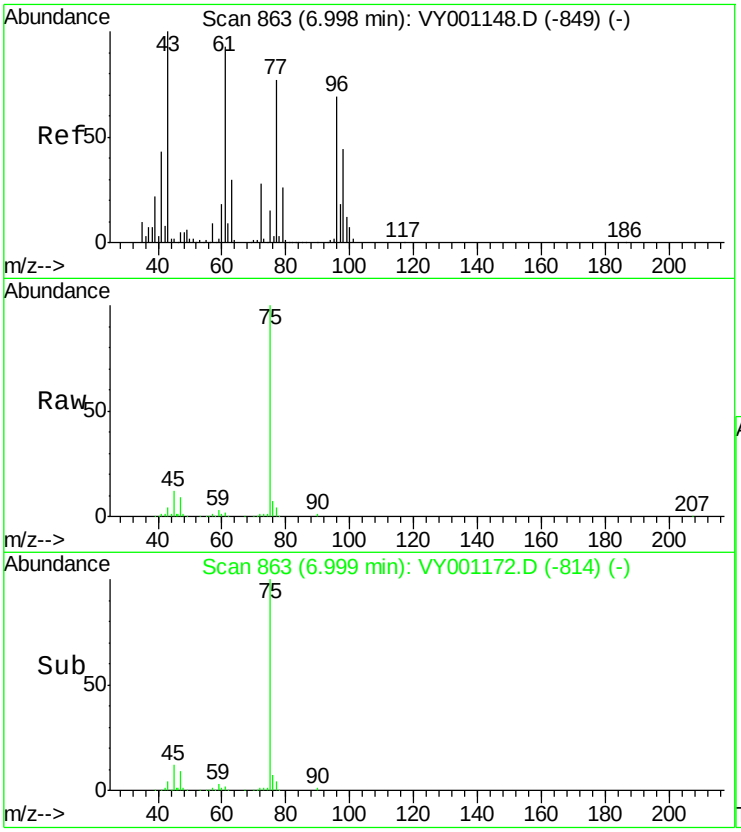


#20
Methylene Chloride
Concen: Below Cal
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY001172.D
Acq: 13 Jan 2020 11:58

Tgt Ion: 84 Resp: 7942

Ion	Ratio	Lower	Upper
84	100		
49	113.2	93.8	140.6
51	44.9	29.9	44.9
86	64.6	52.6	78.8



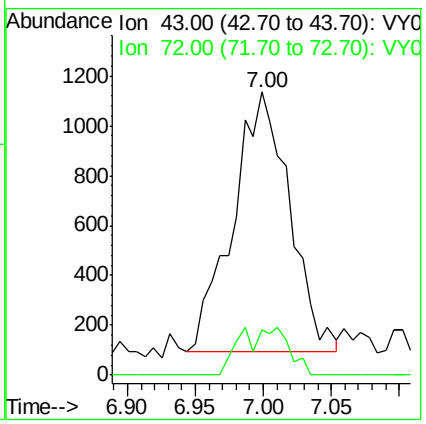


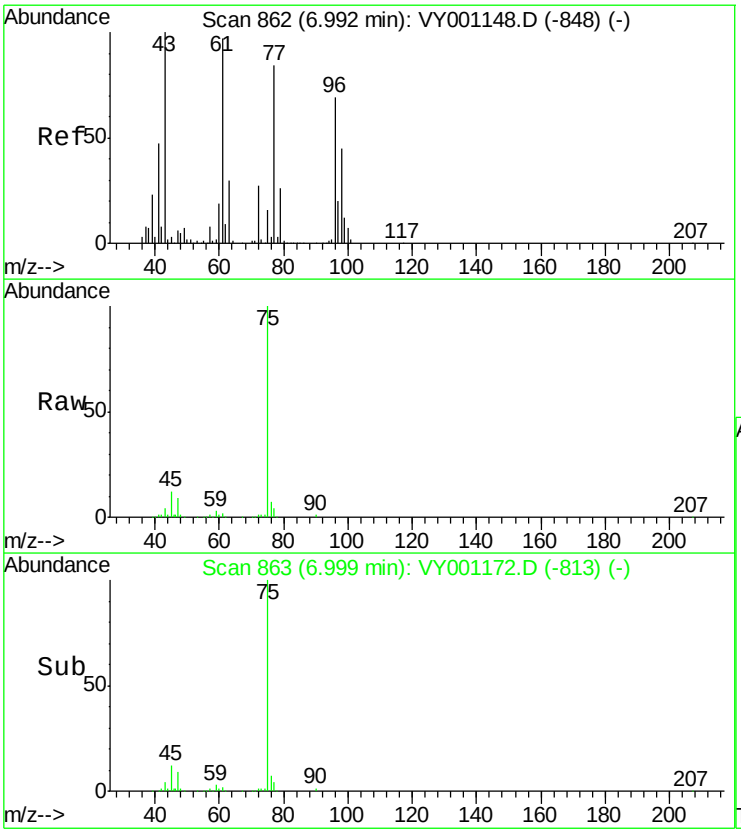
#25
2-Butanone
Concen: 5.057 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY001172.D
Acq: 13 Jan 2020 11:58

Instrument :
MSVOA_Y
ClientSampleId :
AF-1

Tgt Ion: 43 Resp: 3023

Ion	Ratio	Lower	Upper
43	100		
72	17.3	22.2	33.2#

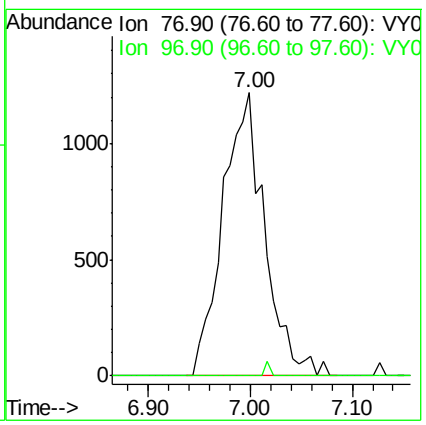


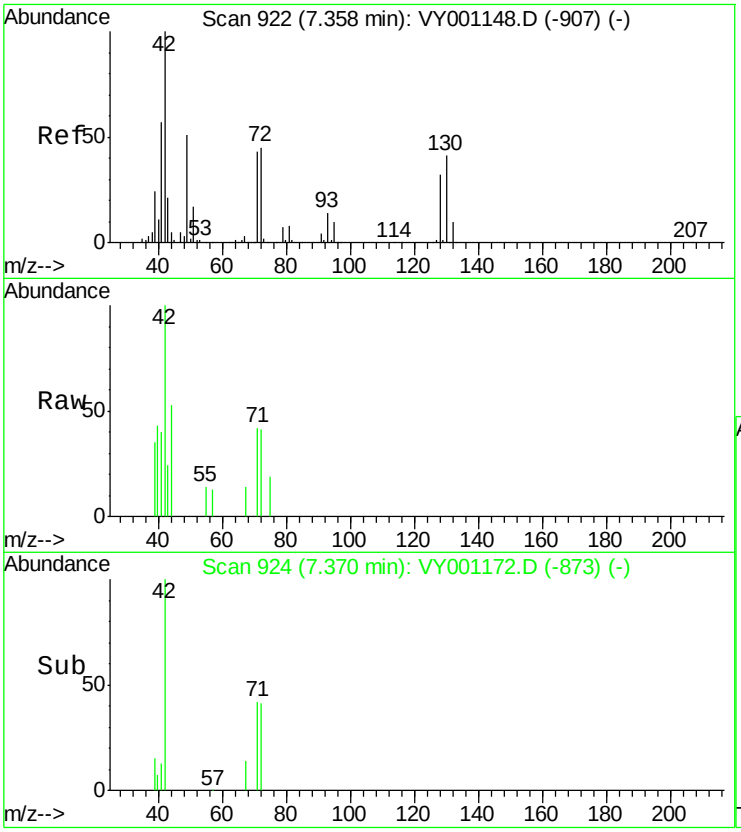


#26
2,2-Dichloropropane
Concen: 1.253 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY001172.D
Acq: 13 Jan 2020 11:58

Tgt Ion: 77 Resp: 3480

Ion	Ratio	Lower	Upper
77	100		
97	0.7	11.9	35.7#



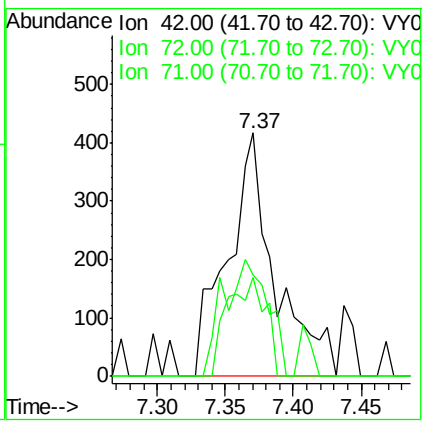


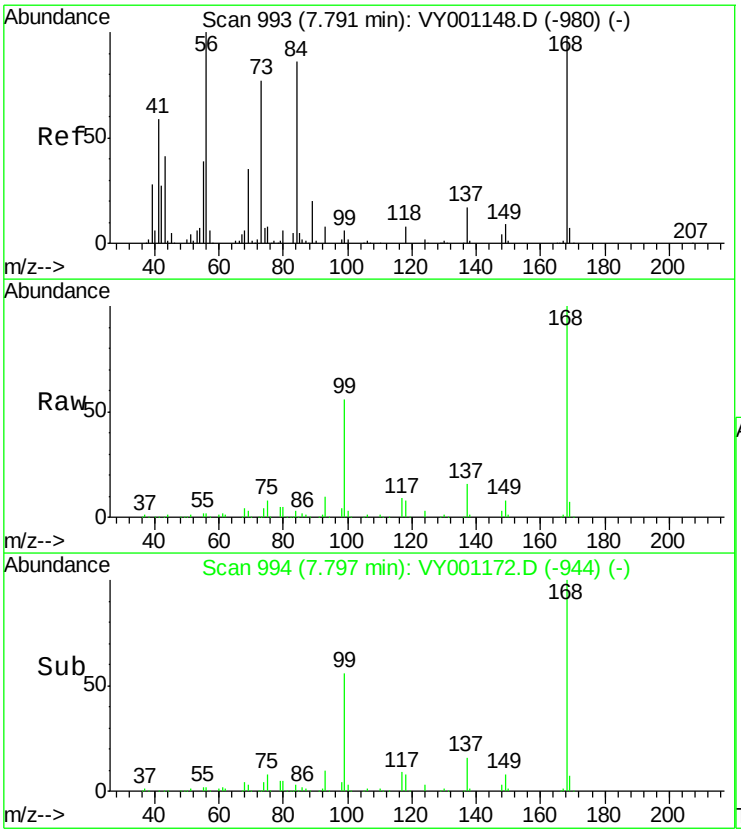
#29
Tetrahydrofuran
Concen: 2.470 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY001172.D
Acq: 13 Jan 2020 11:58

Instrument : MSVOA_Y
ClientSampleId : AF-1

Tgt Ion: 42 Resp: 1012

Ion	Ratio	Lower	Upper
42	100		
72	32.7	36.9	55.3#
71	45.3	34.0	51.0

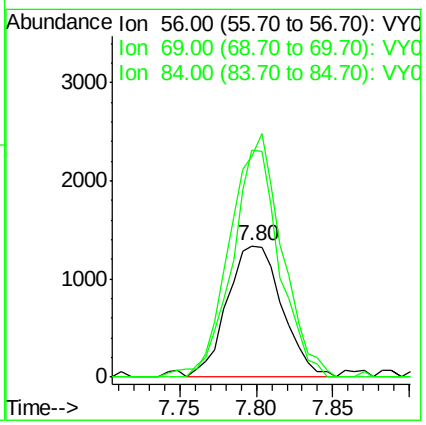


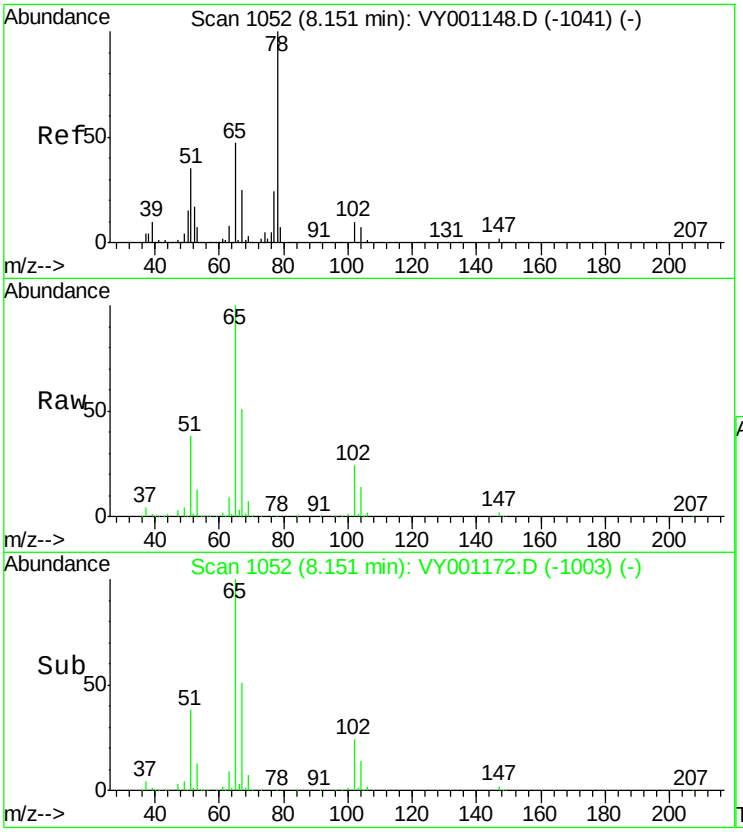


#31
Cyclohexane
Concen: 1.040 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY001172.D
Acq: 13 Jan 2020 11:58

Tgt Ion: 56 Resp: 3328

Ion	Ratio	Lower	Upper
56	100		
69	167.8	27.8	41.8#
84	179.1	68.9	103.3#



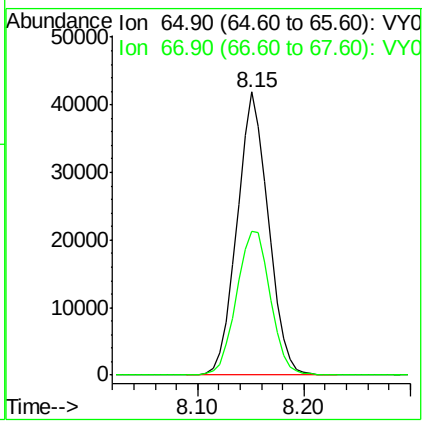


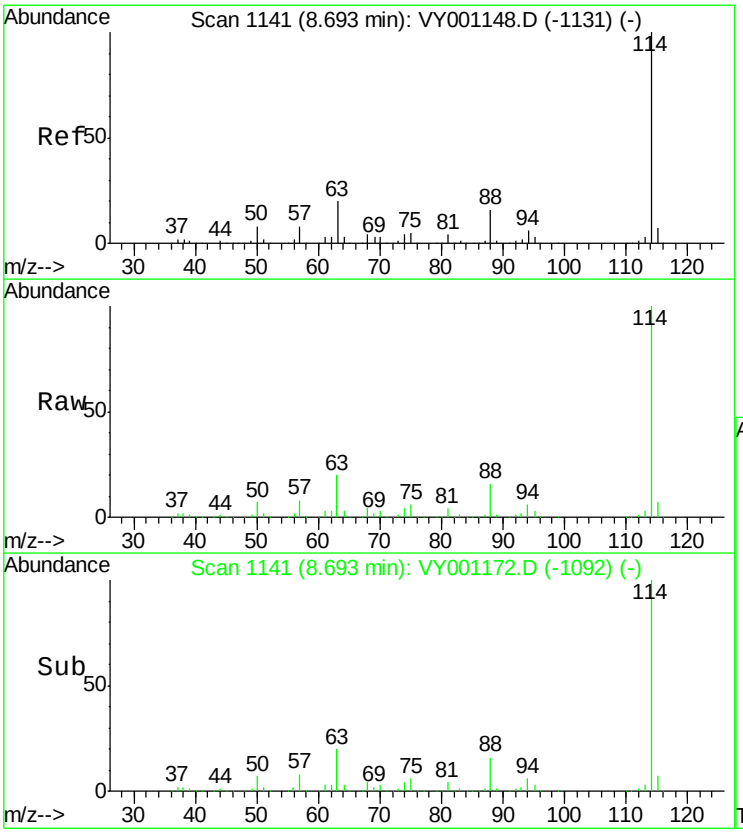
#33
1,2-Dichloroethane-d4
Concen: 52.405 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY001172.D
Acq: 13 Jan 2020 11:58

Instrument :
MSVOA_Y
ClientSampleId :
AF-1

Tgt Ion: 65 Resp: 86667

Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	105.2

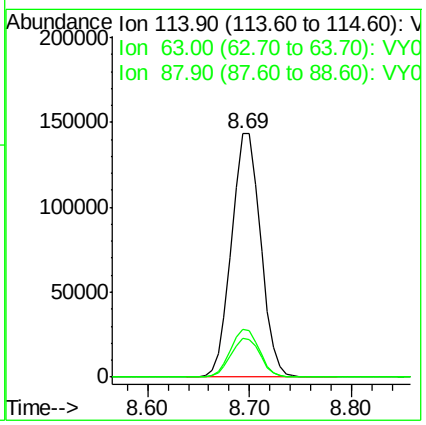


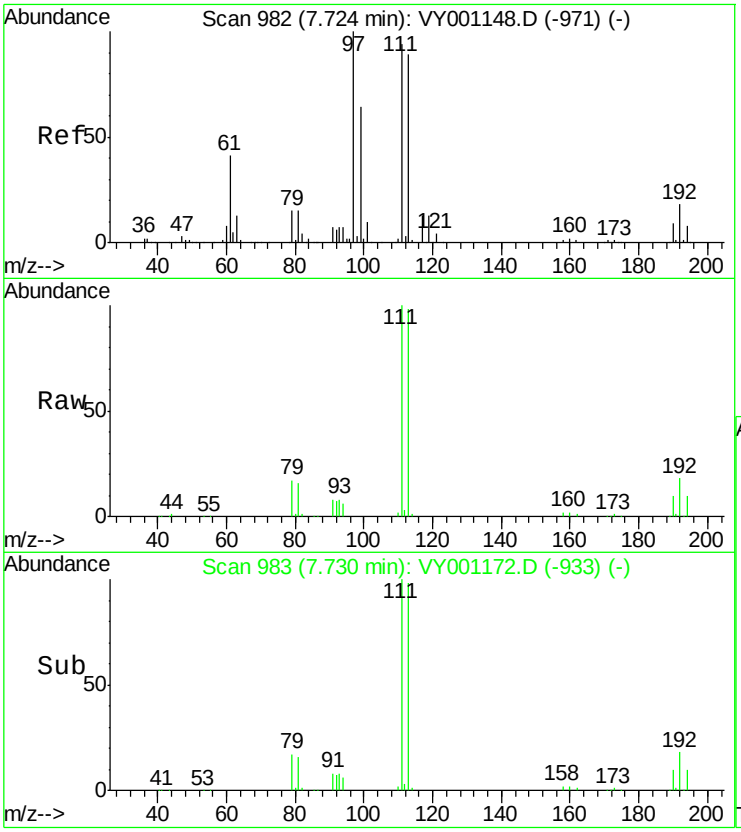


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY001172.D
Acq: 13 Jan 2020 11:58

Tgt Ion:114 Resp: 284339

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.8
88	16.1	0.0	32.4



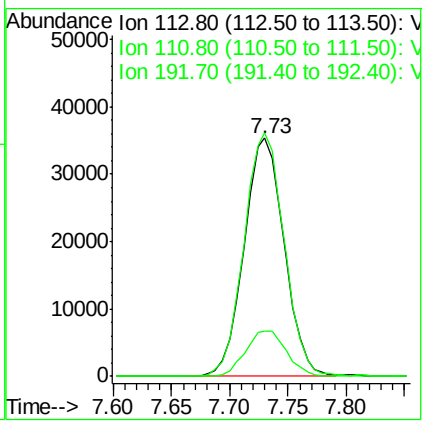


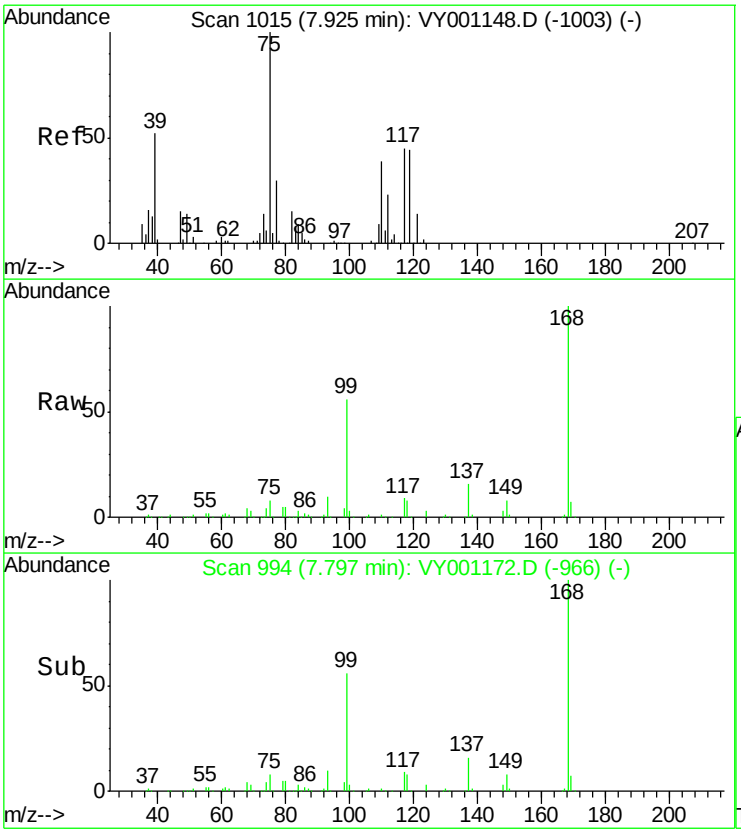
#35
Dibromofluoromethane
Concen: 50.966 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY001172.D
Acq: 13 Jan 2020 11:58

Instrument :
MSVOA_Y
ClientSampleId :
AF-1

Tgt Ion:113 Resp: 84848

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.9	124.3
192	19.5	15.4	23.2

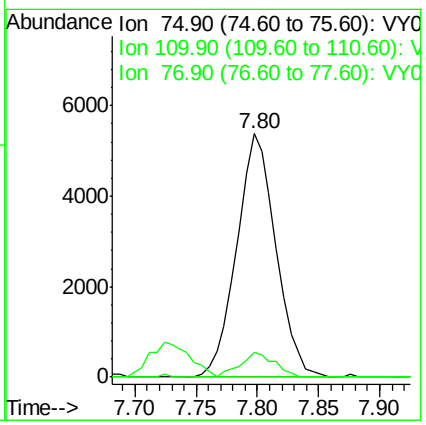


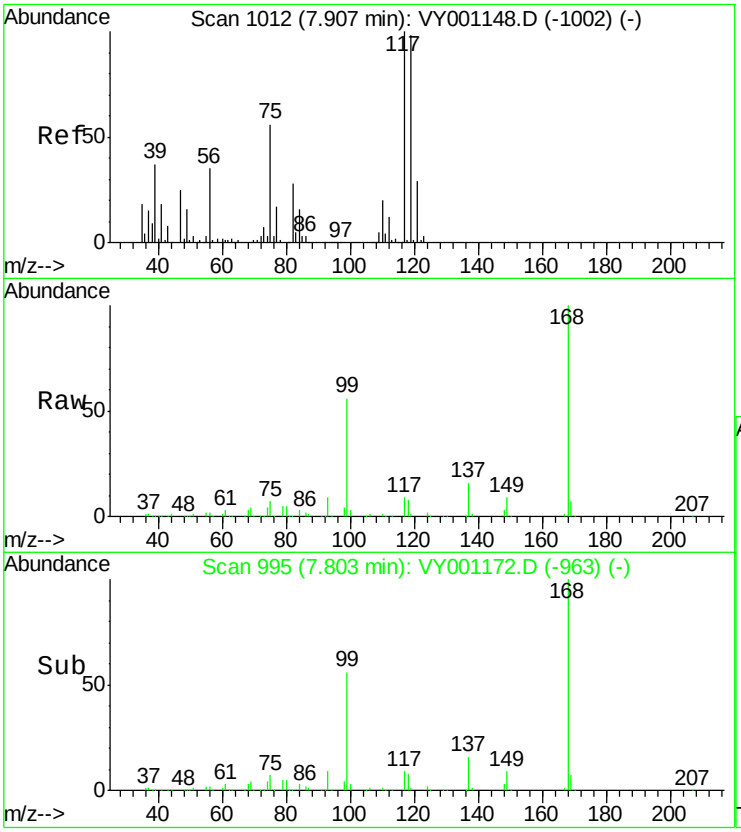


#36
1,1-Dichloropropene
Concen: 4.617 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY001172.D
Acq: 13 Jan 2020 11:58

Tgt Ion: 75 Resp: 11966

Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.3	54.8#
77	0.0	25.1	37.7#



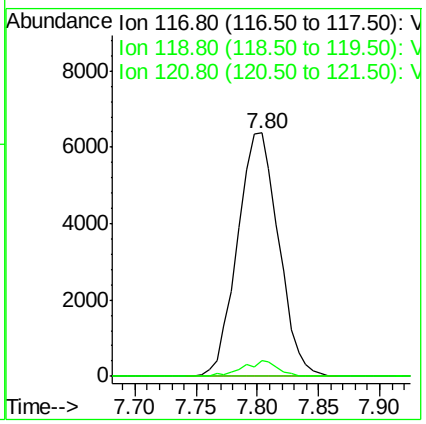


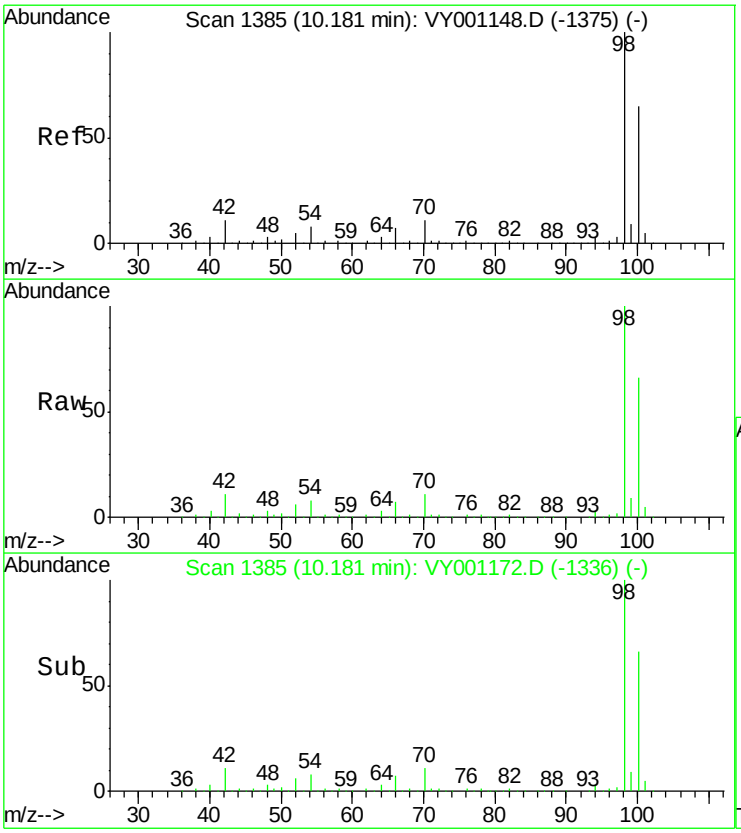
#38
Carbon Tetrachloride
Concen: 6.282 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.10 min
Lab File: VY001172.D
Acq: 13 Jan 2020 11:58

Instrument : MSVOA_Y
ClientSampleId : AF-1

Tgt Ion:117 Resp: 14920

Ion	Ratio	Lower	Upper
117	100		
119	6.3	78.3	117.5#
121	0.0	23.5	35.3#

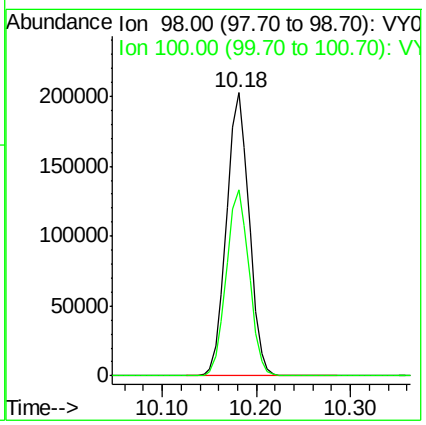


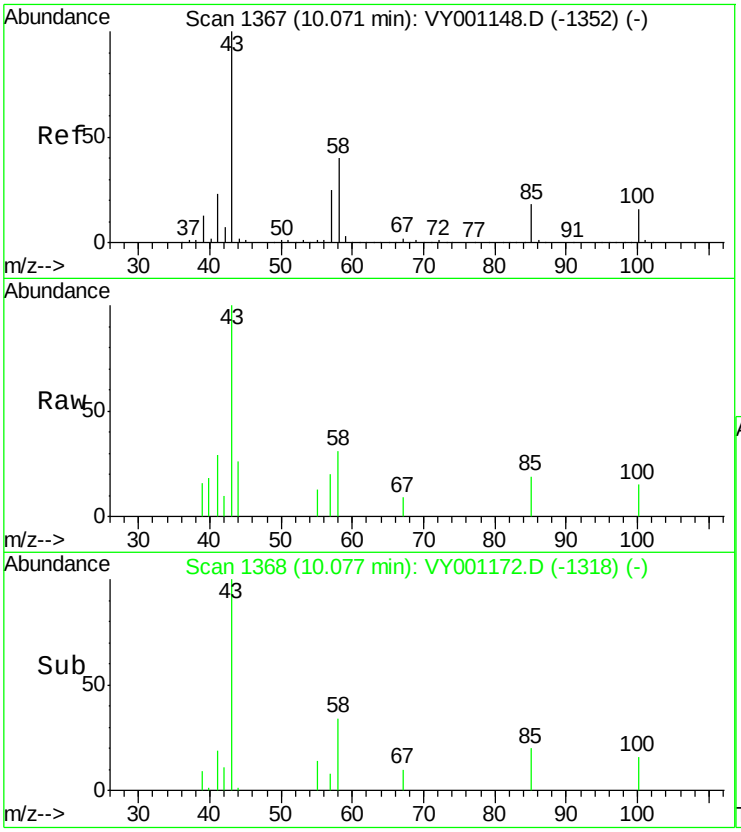


#50
Toluene-d8
Concen: 52.535 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001172.D
Acq: 13 Jan 2020 11:58

Tgt Ion: 98 Resp: 336999

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.1	79.7



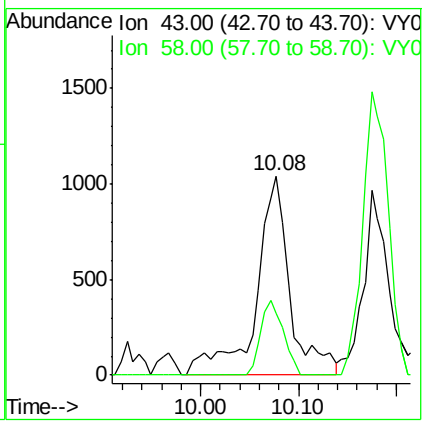


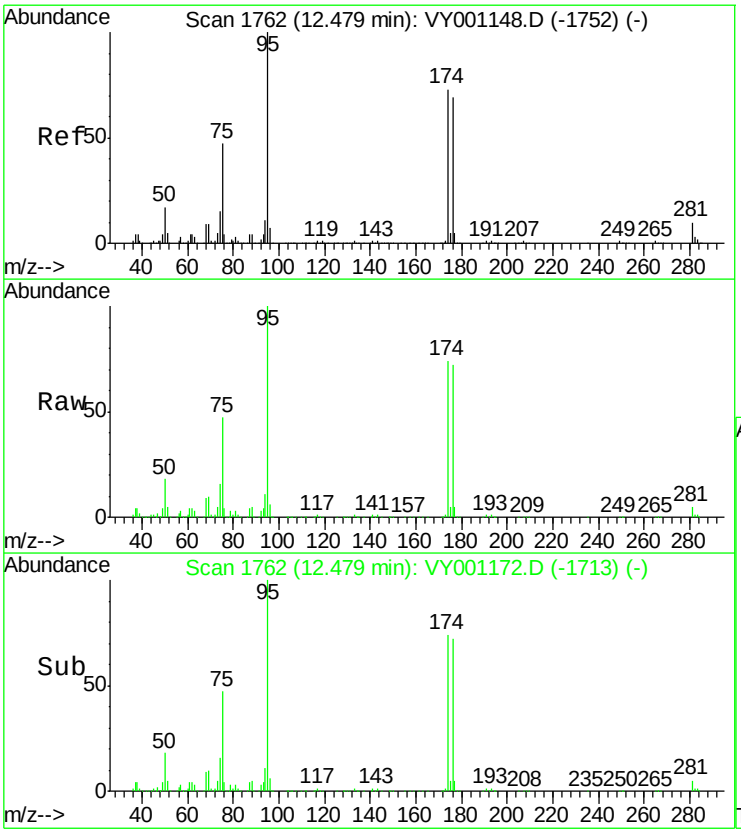
#51
4-Methyl-2-Pentanone
Concen: 1.694 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VY001172.D
Acq: 13 Jan 2020 11:58

Instrument :
MSVOA_Y
ClientSampleId :
AF-1

Tgt Ion: 43 Resp: 2500

Ion	Ratio	Lower	Upper
43	100		
58	25.2	32.3	48.5#

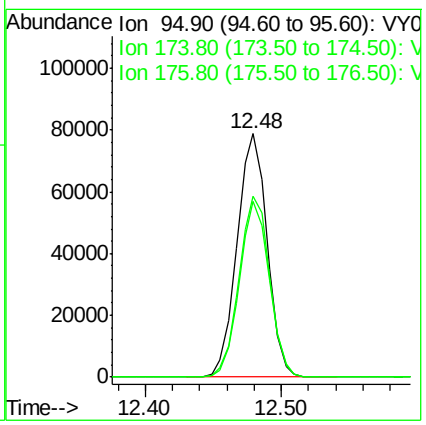


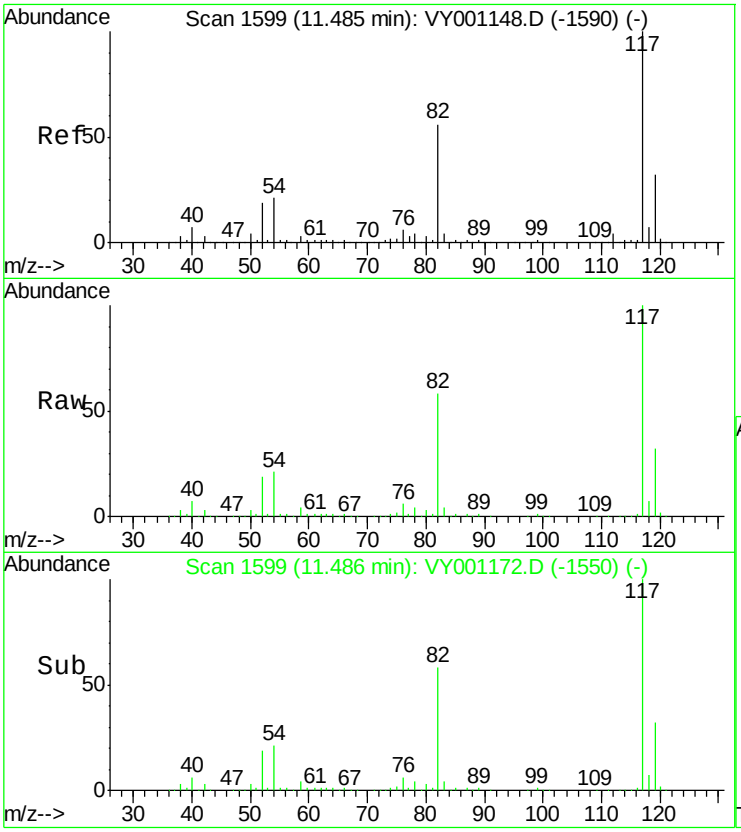


#62
4-Bromofluorobenzene
Concen: 46.317 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001172.D
Acq: 13 Jan 2020 11:58

Tgt Ion: 95 Resp: 121469

Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	143.2
176	71.6	0.0	136.0



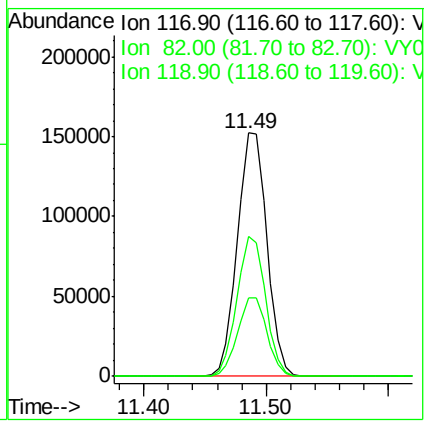


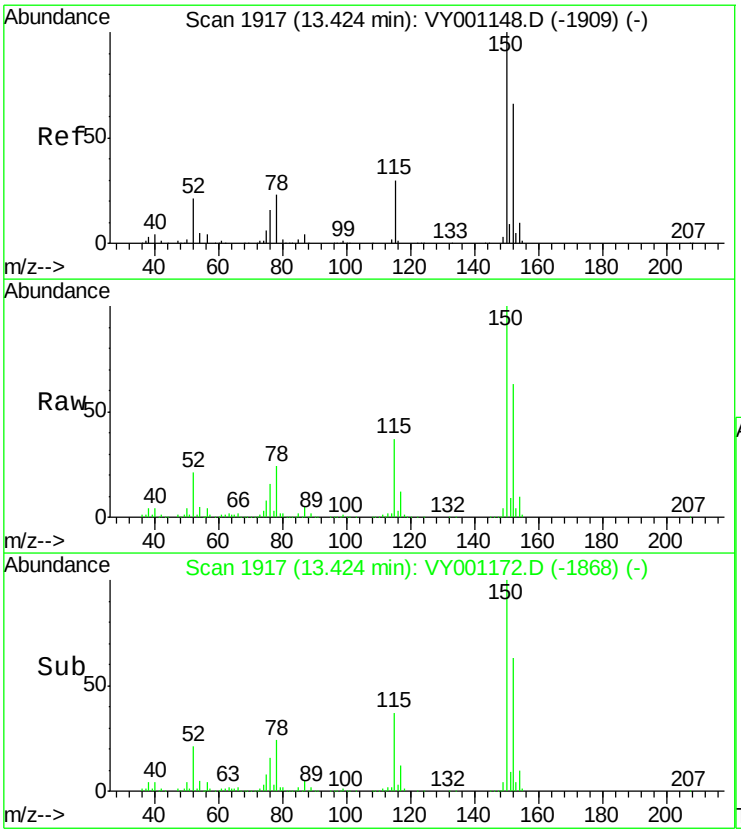
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001172.D
Acq: 13 Jan 2020 11:58

Instrument :
MSVOA_Y
ClientSampleId :
AF-1

Tgt Ion:117 Resp: 255127

Ion	Ratio	Lower	Upper
117	100		
82	57.6	44.9	67.3
119	32.4	25.7	38.5

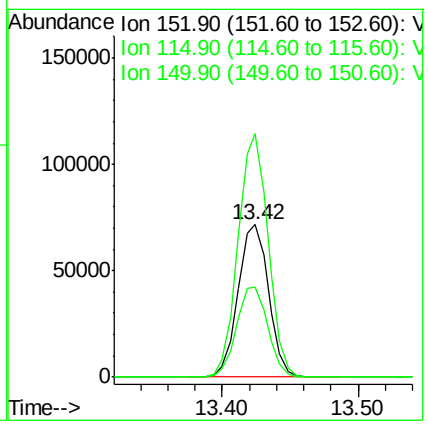


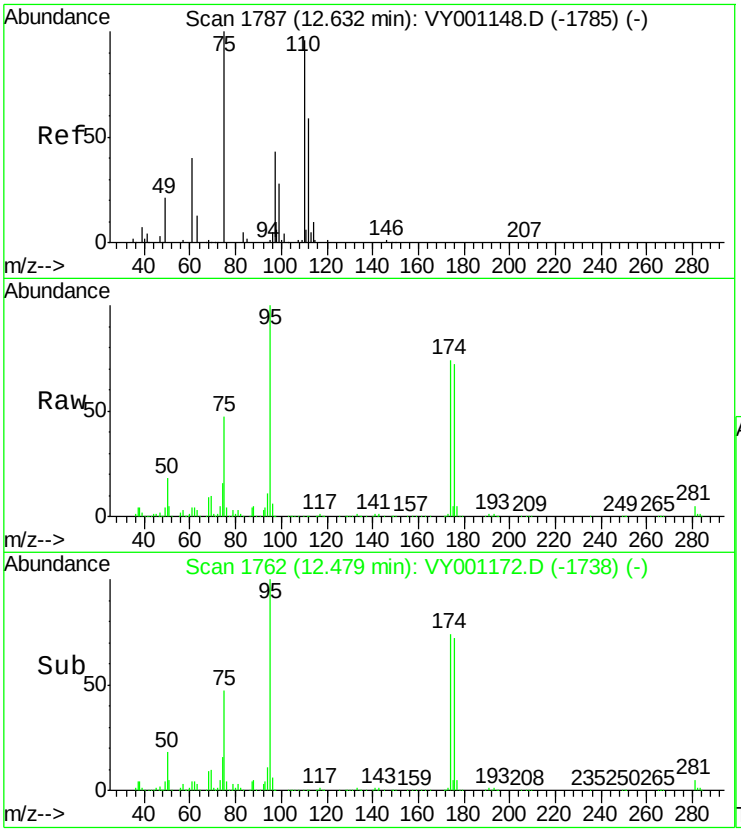


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY001172.D
Acq: 13 Jan 2020 11:58

Tgt Ion:152 Resp: 112217

Ion	Ratio	Lower	Upper
152	100		
115	60.1	30.9	92.5
150	156.9	0.0	346.8



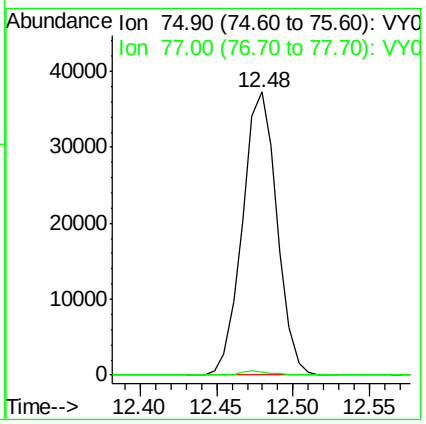


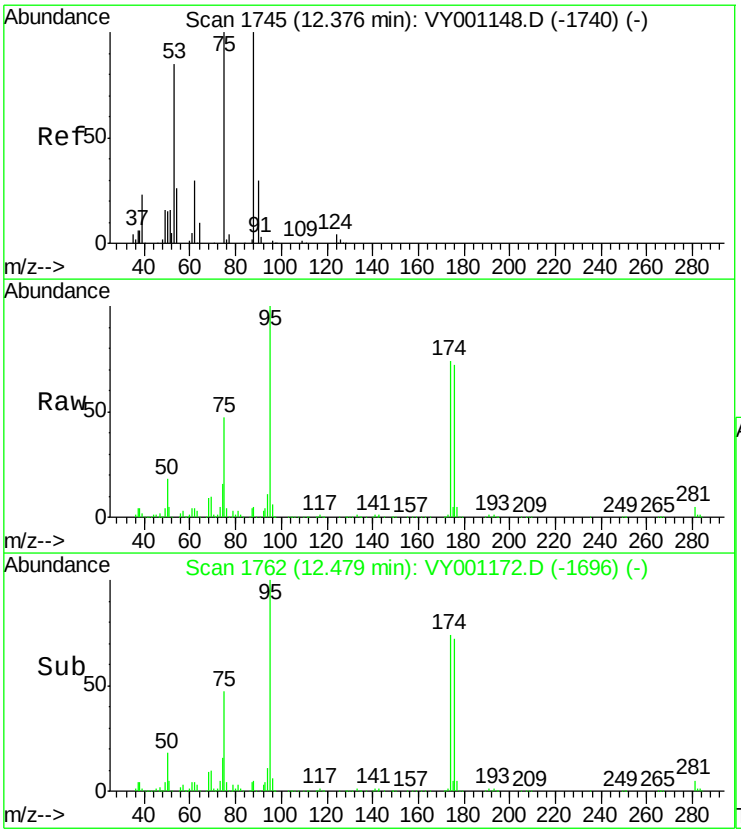
#76
1,2,3-Trichloropropane
Concen: 48.645 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY001172.D
Acq: 13 Jan 2020 11:58

Instrument :
MSVOA_Y
ClientSampleId :
AF-1

Tgt Ion: 75 Resp: 58437

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 82.491 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY001172.D
Acq: 13 Jan 2020 11:58

Tgt Ion: 75 Resp: 58437

Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.4	104.2#
89	0.2	0.0	0.0#