Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110119\
Data File : VY000518.D
Acq On : 01 Nov 2019 11:28
Operator : SY/MD
Sample : VY1101SBL01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Nov 01 23:22:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	203958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	356262	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	321531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	145145	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	124091	58.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 117.58%			
35) Dibromofluoromethane	7.73	113	106597	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.94%			
50) Toluene-d8	10.18	98	420614	53.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.00%			
62) 4-Bromofluorobenzene	12.48	95	141604	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.74%			
Target Compounds						Qvalue
10) Methyl Iodide	4.09	142	318	3.307	ug/l #	41
11) Tert butyl alcohol	4.97	59	305	1.484	ug/l #	72
16) Acetone	3.99	43	1707	2.934	ug/l #	66
20) Methylene Chloride	4.73	84	7124	2.858	ug/l #	74
25) 2-Butanone	7.02	43	2636	2.839	ug/l #	49
28) Bromochloromethane	7.35	49	32	4.109	ug/l #	14
31) Cyclohexane	7.80	56	5638	1.380	ug/l #	53
36) 1,1-Dichloropropene	7.80	75	16106	4.782	ug/l #	50
38) Carbon Tetrachloride	7.80	117	20008	6.174	ug/l #	13
49) 1,4-Dioxane	9.39	88	27	1.501	ug/l #	27
51) 4-Methyl-2-Pentanone	10.08	43	2194	1.099	ug/l	100
59) 2-Hexanone	10.84	43	2267	1.558	ug/l	67
76) 1,2,3-Trichloropropane	12.48	75	75379	45.610	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	75379	102.264	ug/l #	13

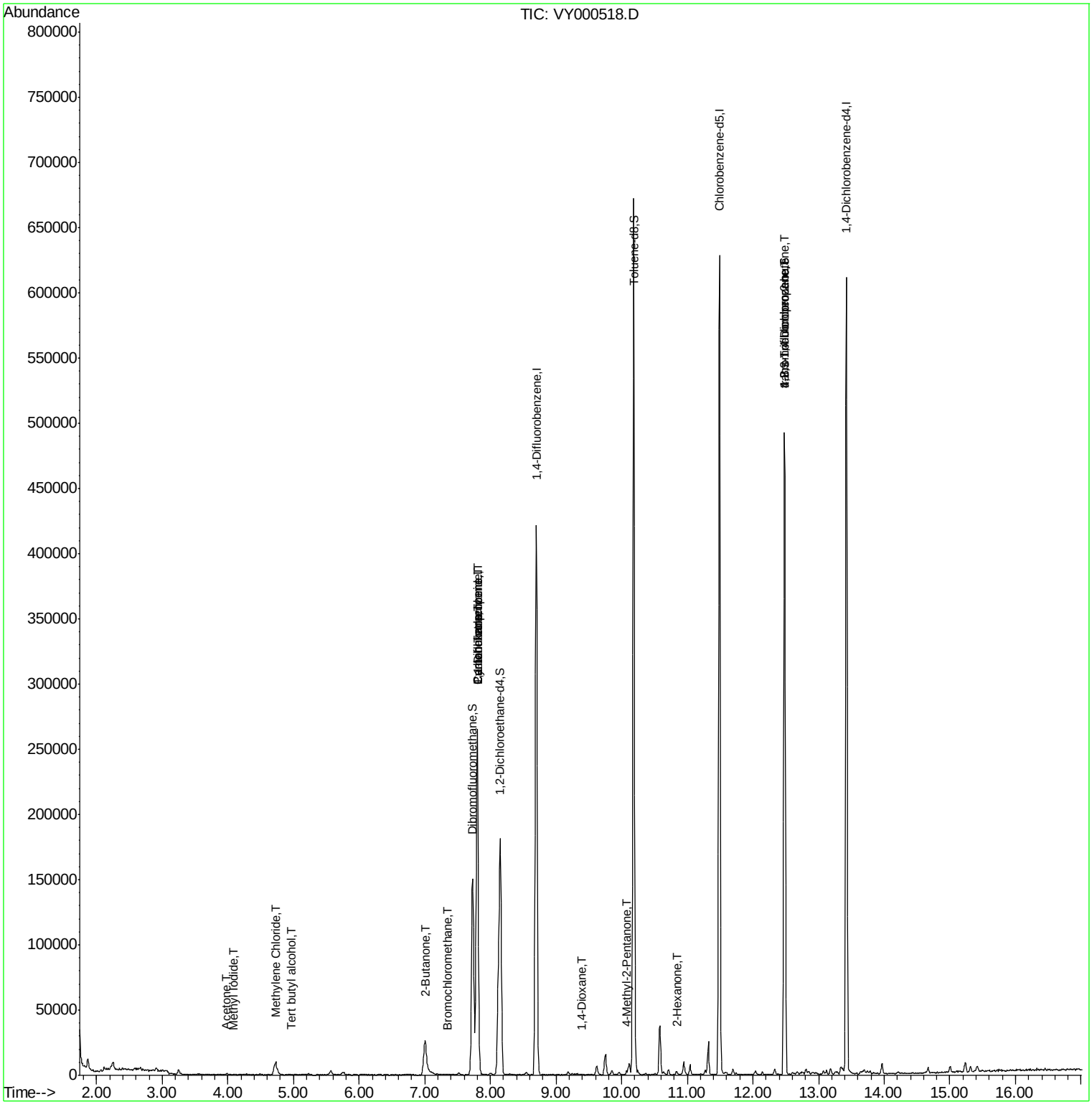
(#) = qualifier out of range (m) = manual integration (+) = signals summed

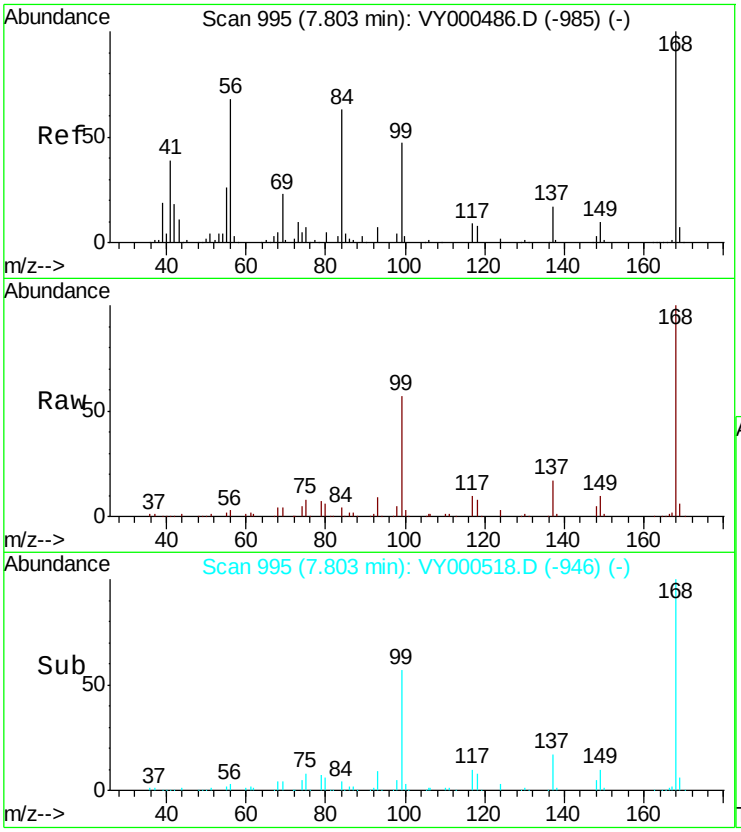
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110119\
Data File : VY000518.D
Acq On : 01 Nov 2019 11:28
Operator : SY/MD
Sample : VY1101SBL01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Nov 01 23:22:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration



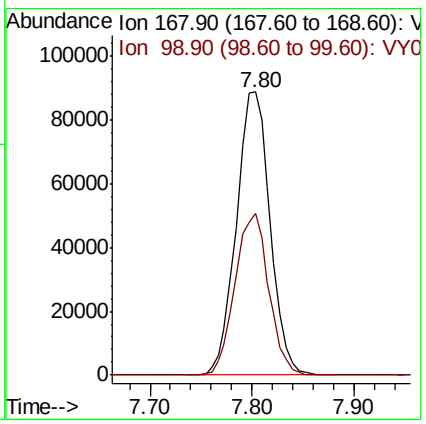


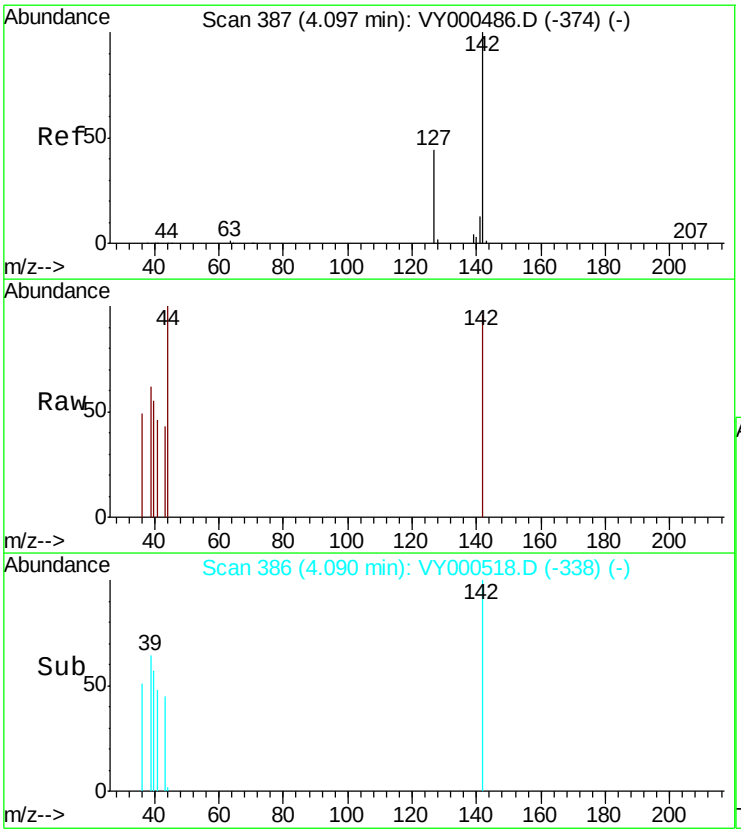
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.00 min
Lab File: VY000518.D
Acq: 01 Nov 2019 11:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 203958

Ion	Ratio	Lower	Upper
168	100		
99	57.0	45.7	68.5

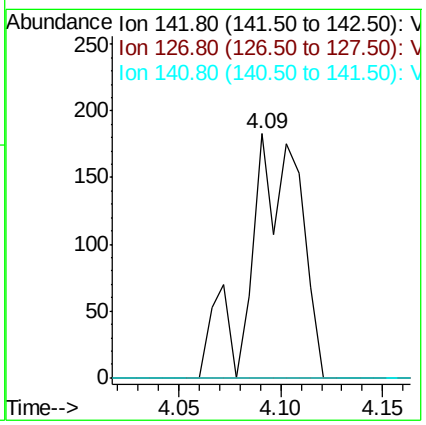


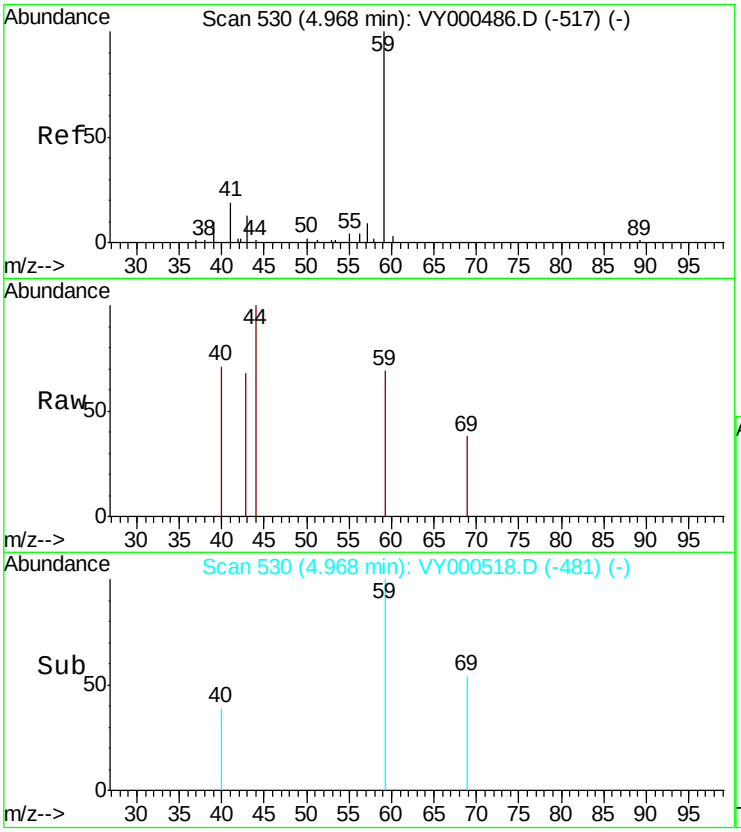


#10
Methyl Iodide
Concen: 3.307 ug/l
RT: 4.09 min Scan# 386
Delta R.T. -0.01 min
Lab File: VY000518.D
Acq: 01 Nov 2019 11:28

Tgt Ion:142 Resp: 318

Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.7	50.5#
141	0.0	10.9	16.3#



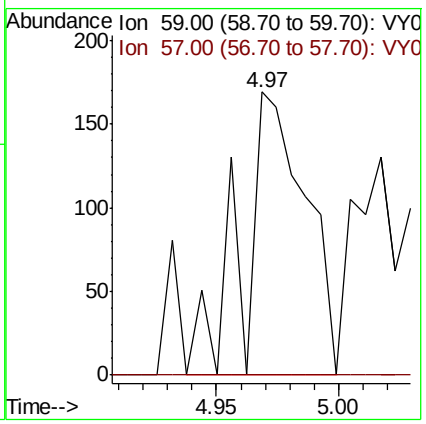


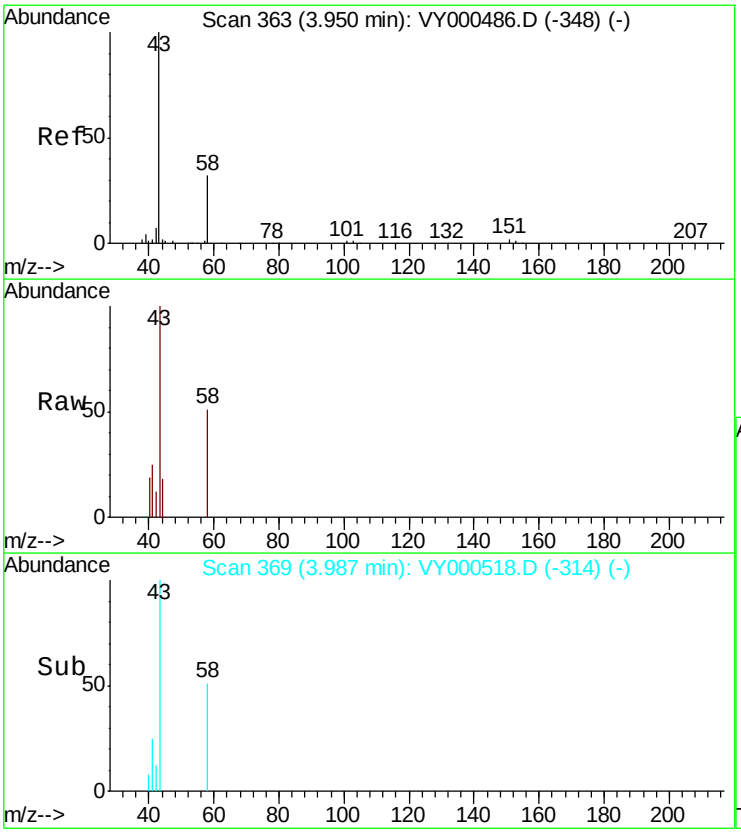
#11
Tert butyl alcohol
Concen: 1.484 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.00 min
Lab File: VY000518.D
Acq: 01 Nov 2019 11:28

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 305

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#

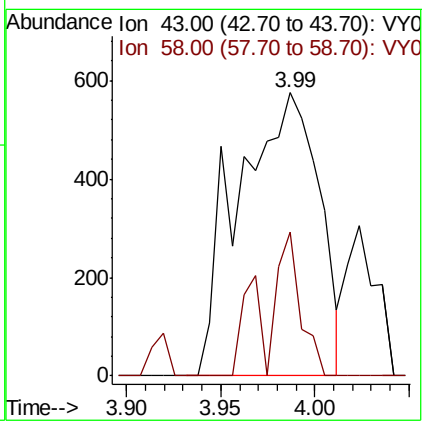


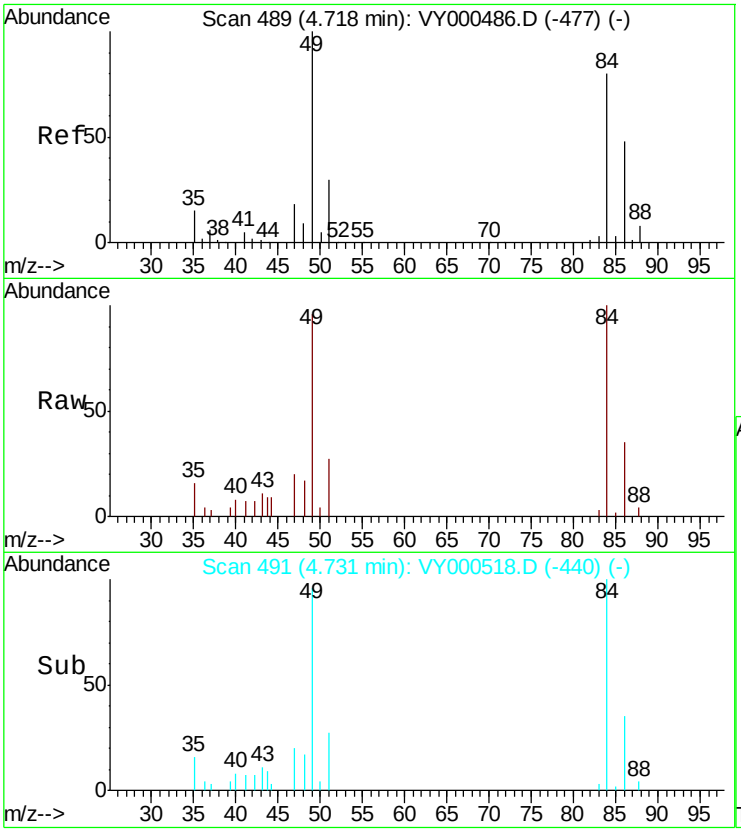


#16
Acetone
Concen: 2.934 ug/l
RT: 3.99 min Scan# 369
Delta R.T. 0.04 min
Lab File: VY000518.D
Acq: 01 Nov 2019 11:28

Tgt Ion: 43 Resp: 1707

Ion	Ratio	Lower	Upper
43	100		
58	51.0	25.8	38.6#



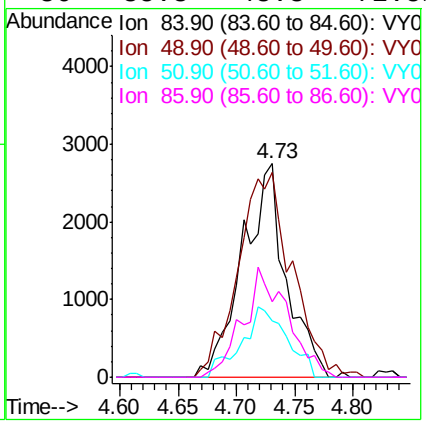


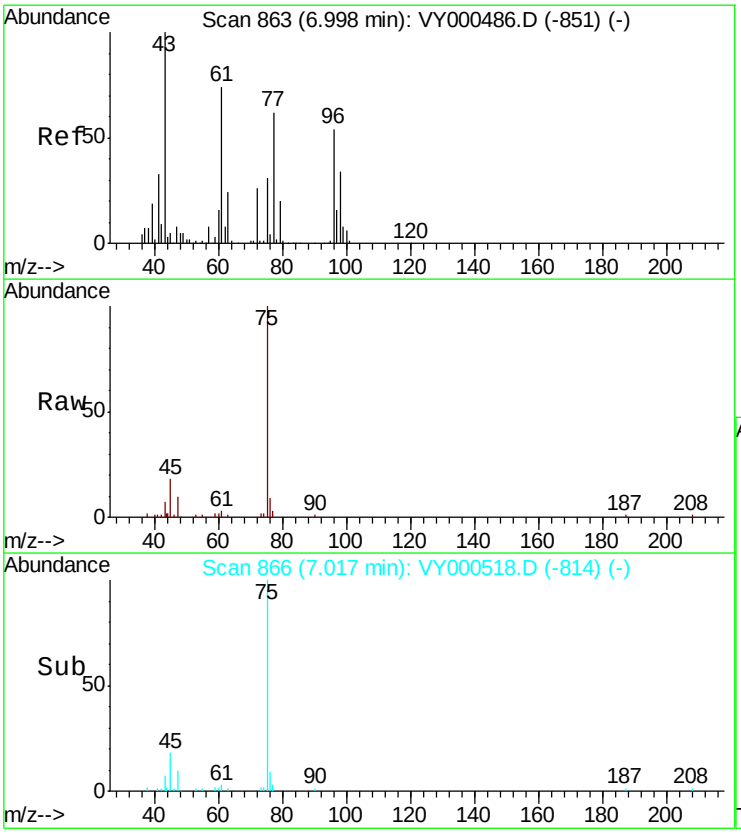
#20
Methylene Chloride
Concen: 2.858 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000518.D
Acq: 01 Nov 2019 11:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 7124

Ion	Ratio	Lower	Upper
84	100		
49	96.0	100.2	150.4#
51	26.6	29.6	44.4#
86	35.3	48.3	72.5#

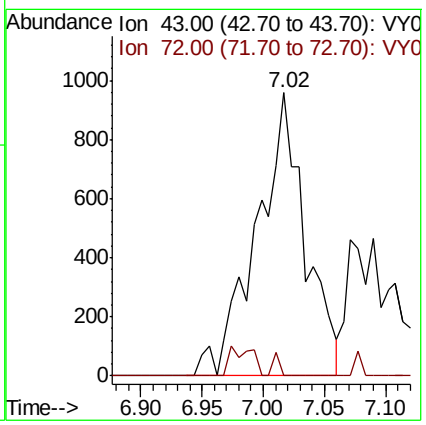


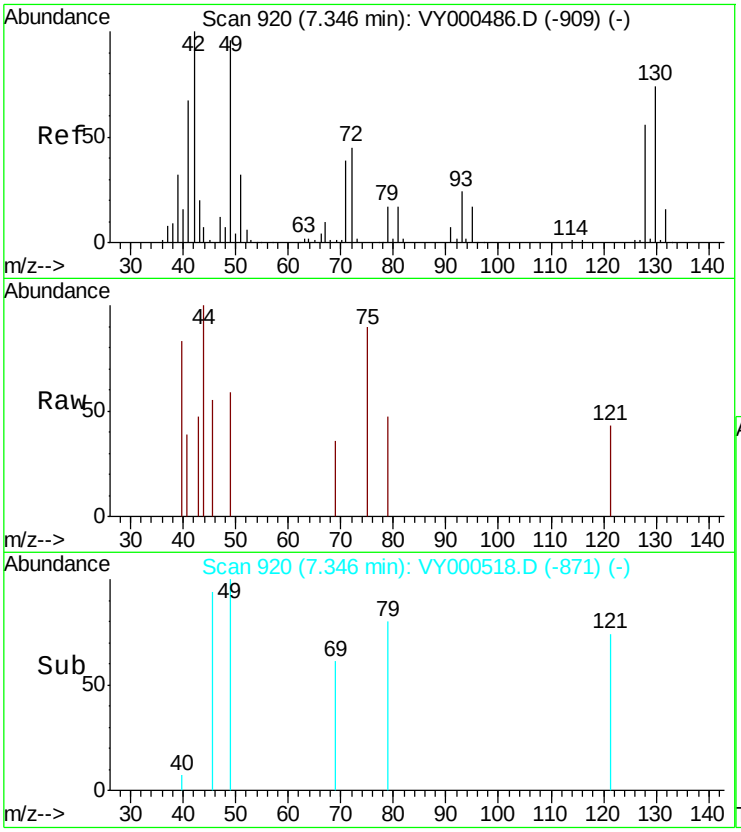


#25
2-Butanone
Concen: 2.839 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.02 min
Lab File: VY000518.D
Acq: 01 Nov 2019 11:28

Tgt Ion: 43 Resp: 2636

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.9	31.3#



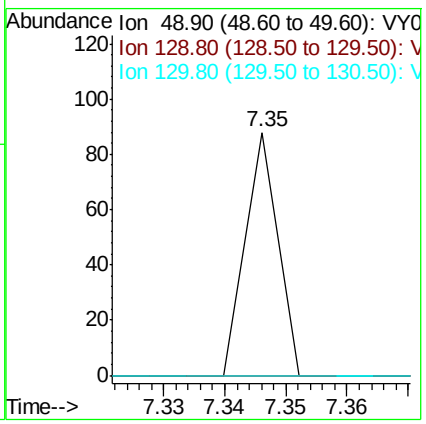


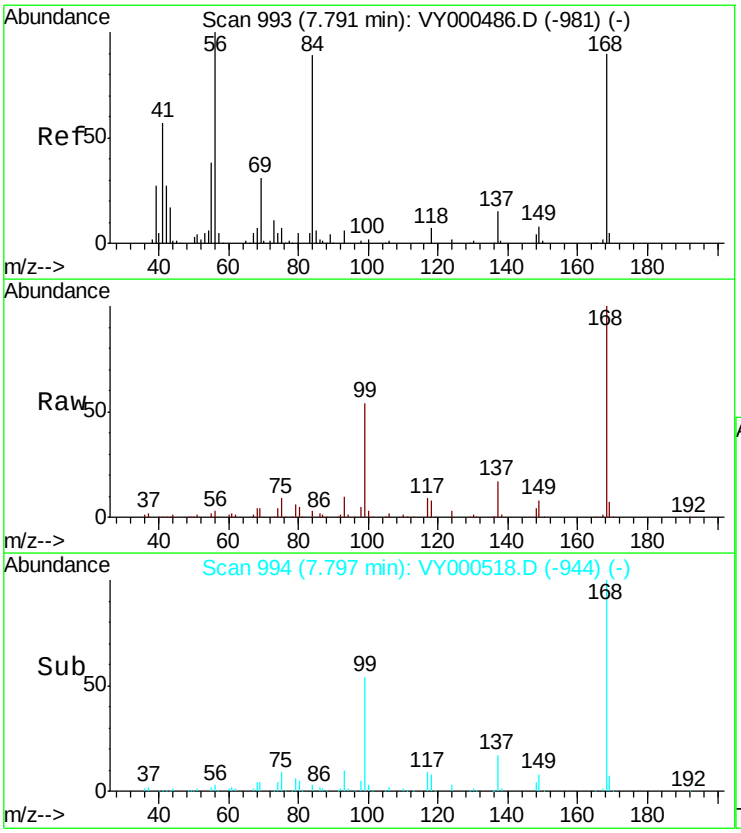
#28
Bromochloromethane
Concen: 4.109 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000518.D
Acq: 01 Nov 2019 11:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 49 Resp: 32

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	0.0	59.4	89.0#

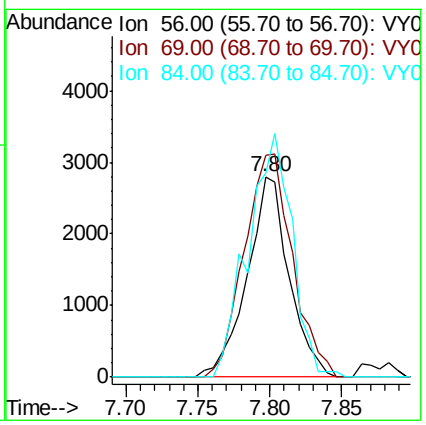


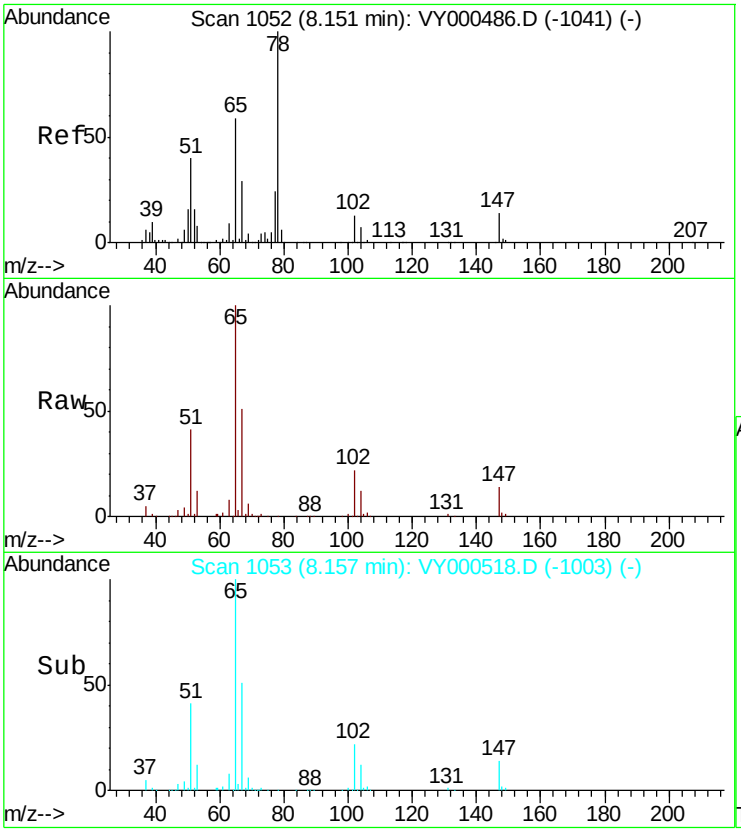


#31
Cyclohexane
Concen: 1.380 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY000518.D
Acq: 01 Nov 2019 11:28

Tgt Ion: 56 Resp: 5638

Ion	Ratio	Lower	Upper
56	100		
69	110.9	25.0	37.6#
84	102.0	71.4	107.2



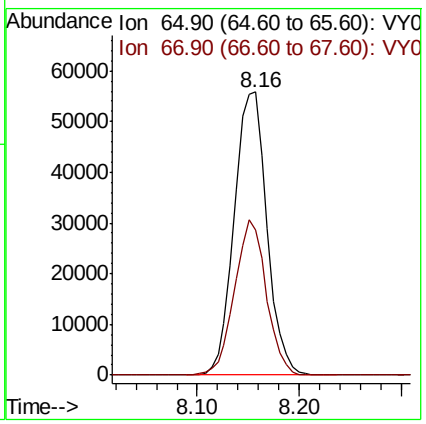


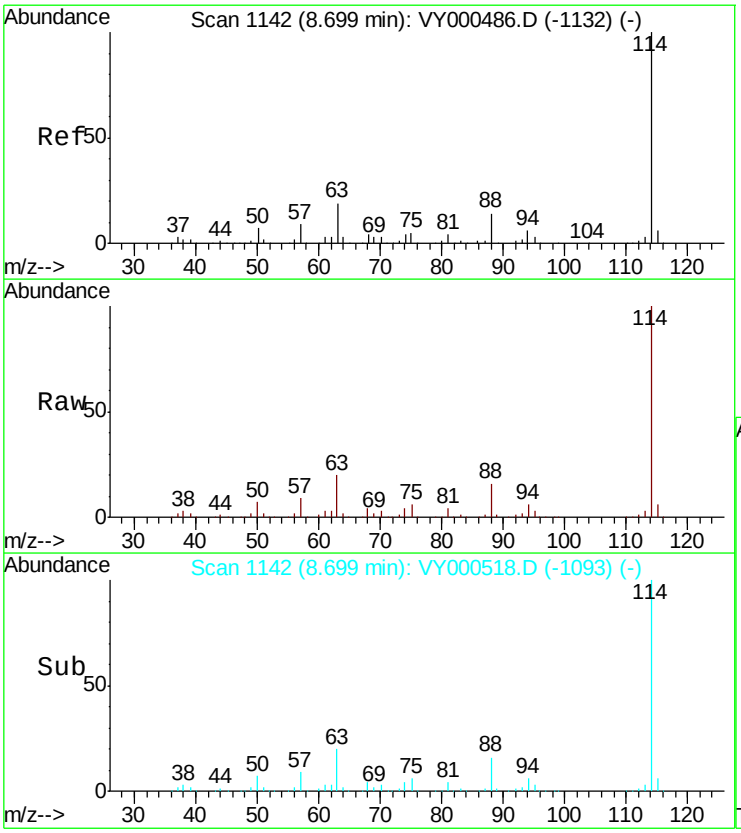
#33
1,2-Dichloroethane-d4
Concen: 58.791 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VY000518.D
Acq: 01 Nov 2019 11:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 124091

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	107.2

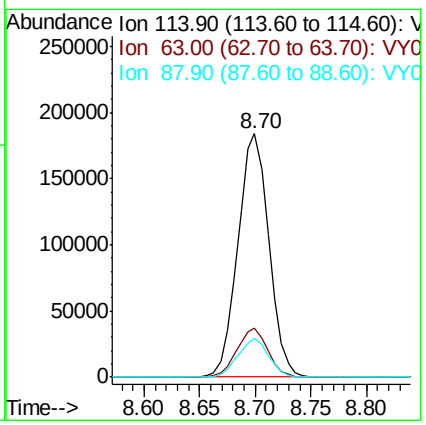


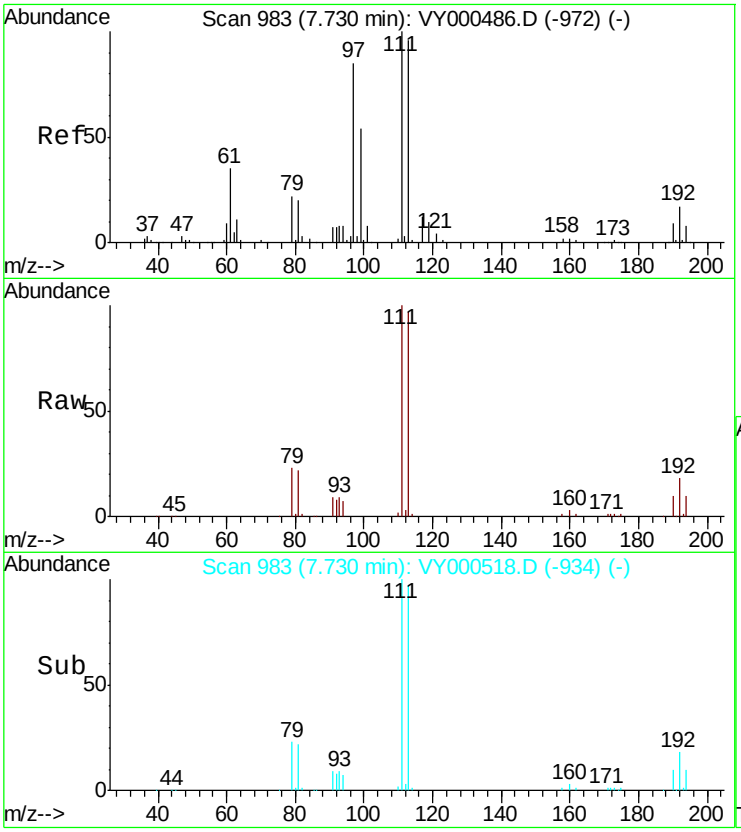


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VY000518.D
Acq: 01 Nov 2019 11:28

Tgt Ion:114 Resp: 356262

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	38.0
88	15.8	0.0	28.6



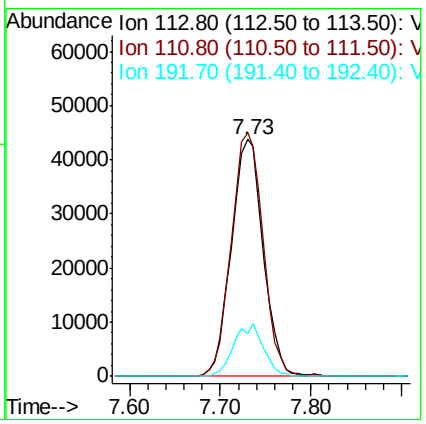


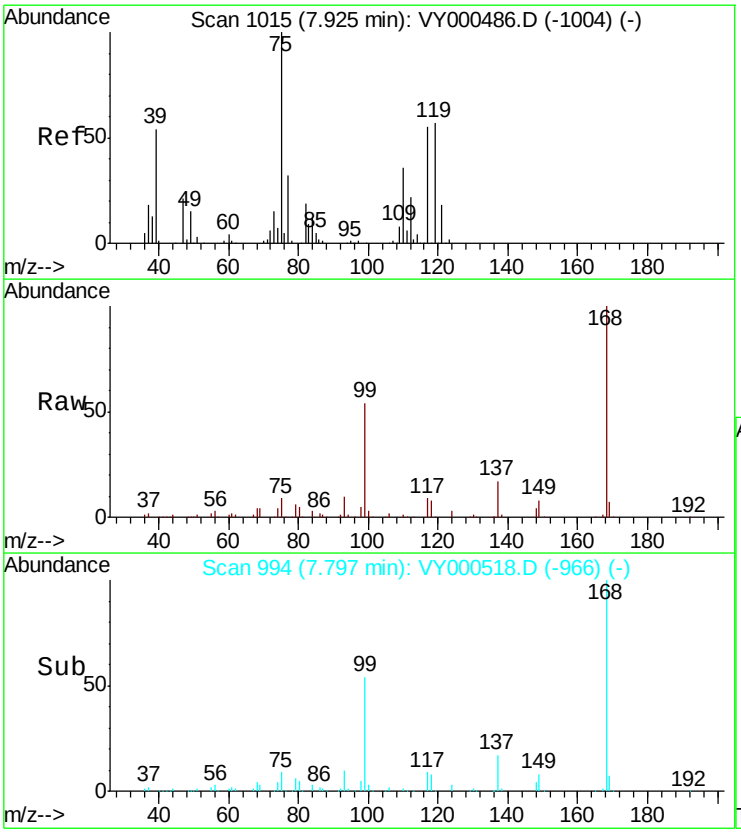
#35
Dibromofluoromethane
Concen: 50.967 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY000518.D
Acq: 01 Nov 2019 11:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 106597

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.7	122.5
192	20.7	15.0	22.4

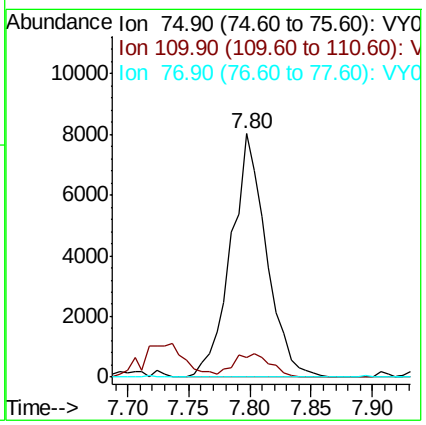


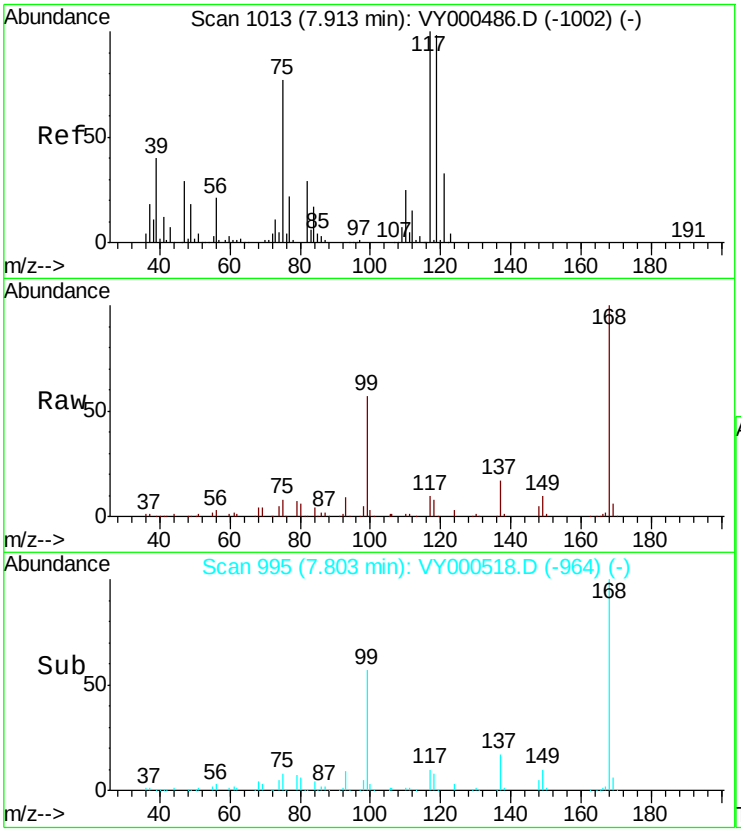


#36
1,1-Dichloropropene
Concen: 4.782 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY000518.D
Acq: 01 Nov 2019 11:28

Tgt Ion: 75 Resp: 16106

Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.1	54.1#
77	0.0	25.0	37.6#



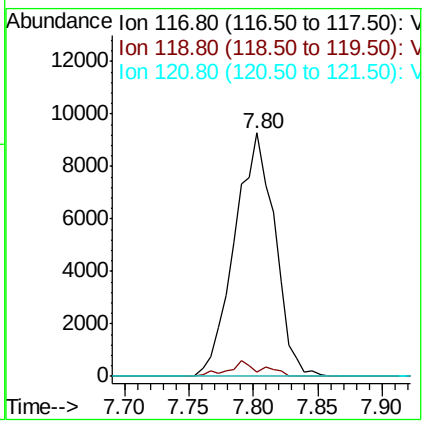


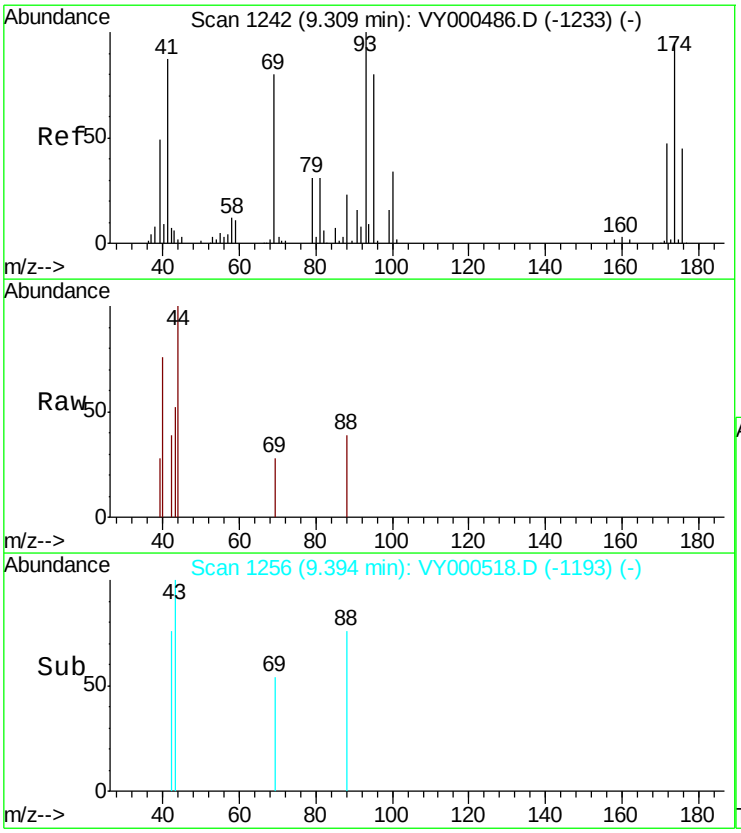
#38
Carbon Tetrachloride
Concen: 6.174 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000518.D
Acq: 01 Nov 2019 11:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 20008

Ion	Ratio	Lower	Upper
117	100		
119	1.6	78.0	117.0#
121	0.0	26.6	40.0#

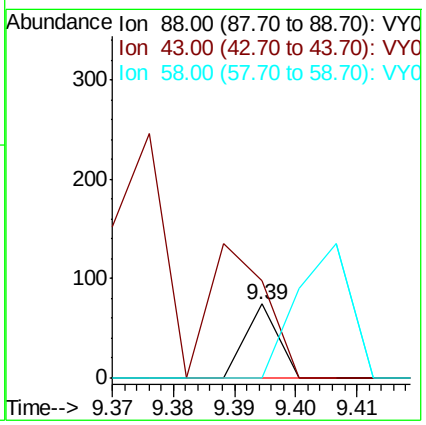


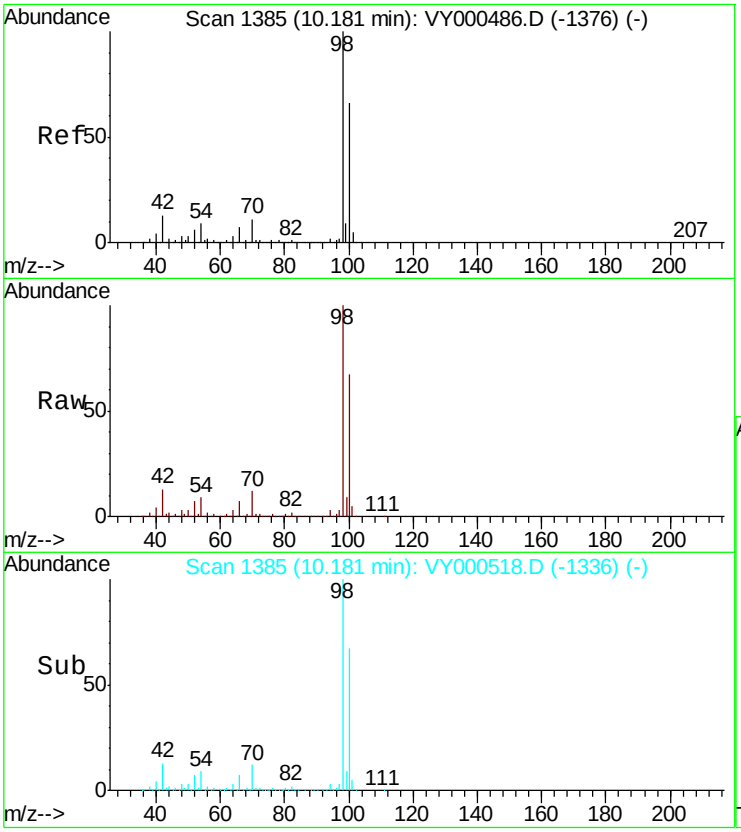


#49
1,4-Dioxane
Concen: 1.501 ug/l
RT: 9.39 min Scan# 1256
Delta R.T. 0.09 min
Lab File: VY000518.D
Acq: 01 Nov 2019 11:28

Tgt Ion: 88 Resp: 27

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.1	37.7#
58	0.0	50.6	75.8#



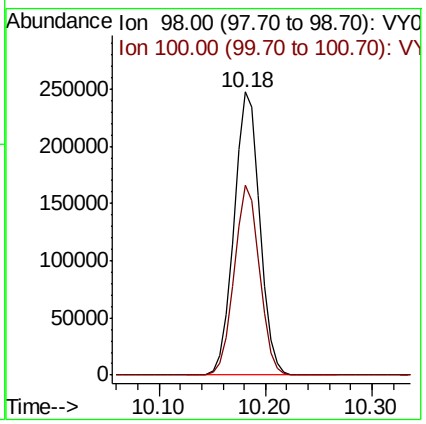


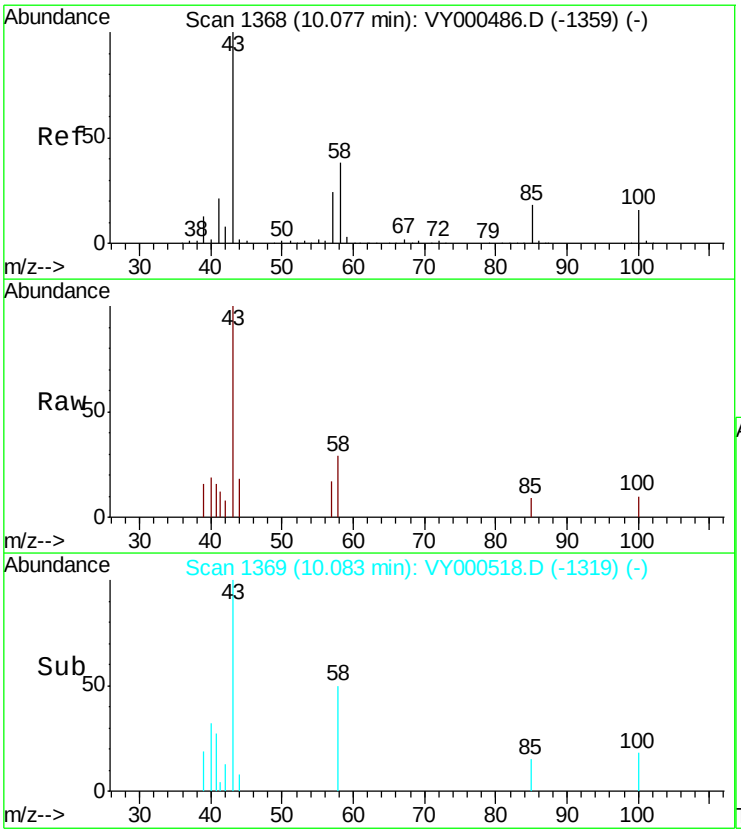
#50
Toluene-d8
Concen: 53.000 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000518.D
Acq: 01 Nov 2019 11:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 420614

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.9	79.3

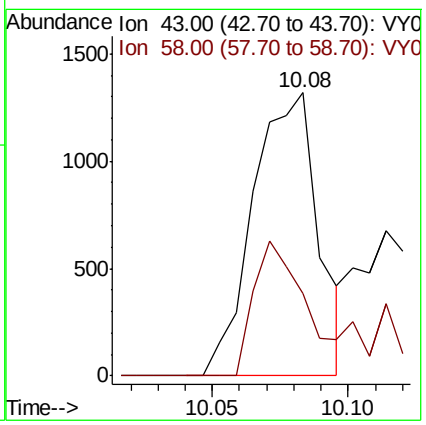


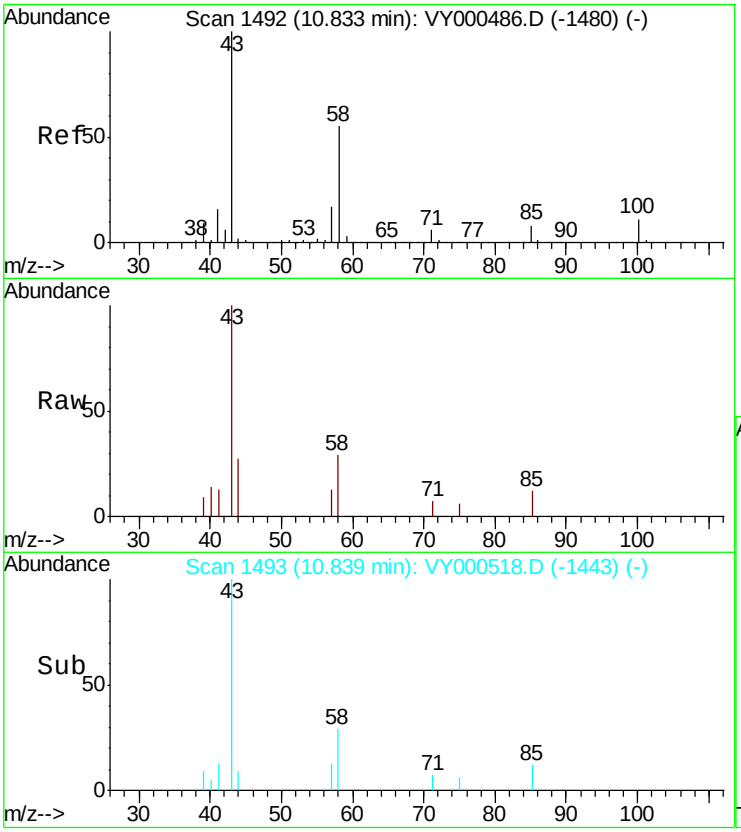


#51
4-Methyl-2-Pentanone
Concen: 1.099 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VY000518.D
Acq: 01 Nov 2019 11:28

Tgt Ion: 43 Resp: 2194

Ion	Ratio	Lower	Upper
43	100		
58	37.6	30.2	45.4



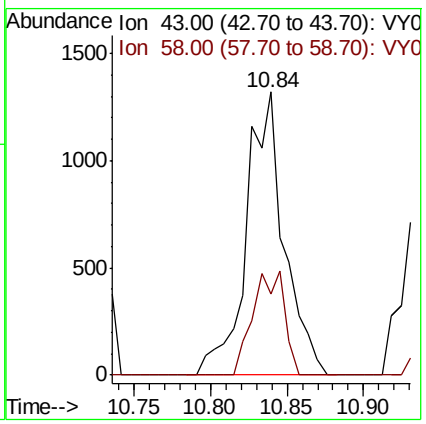


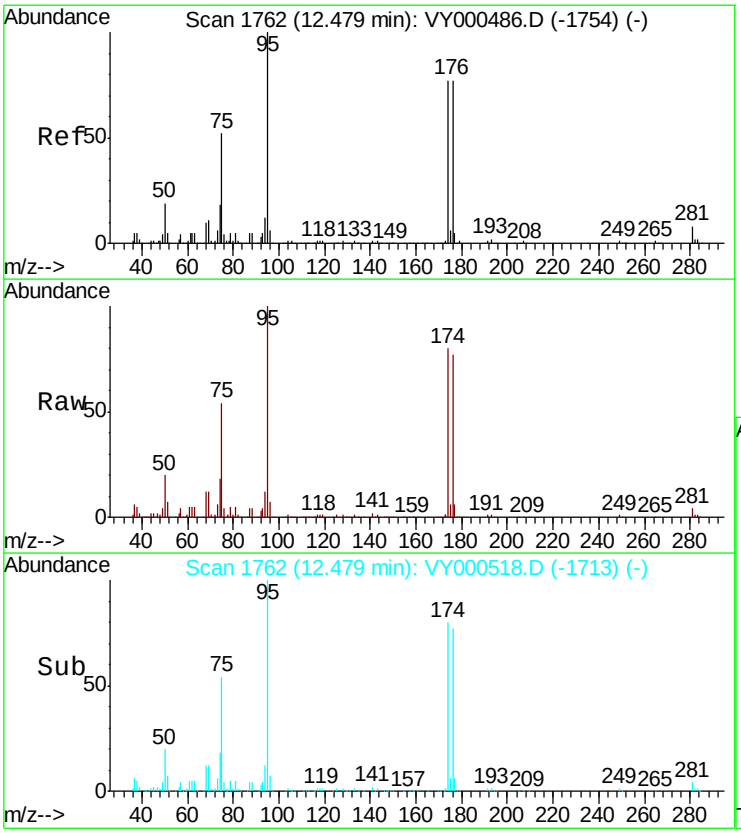
#59
2-Hexanone
Concen: 1.558 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000518.D
Acq: 01 Nov 2019 11:28

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 2267

Ion	Ratio	Lower	Upper
43	100		
58	30.8	27.1	81.3

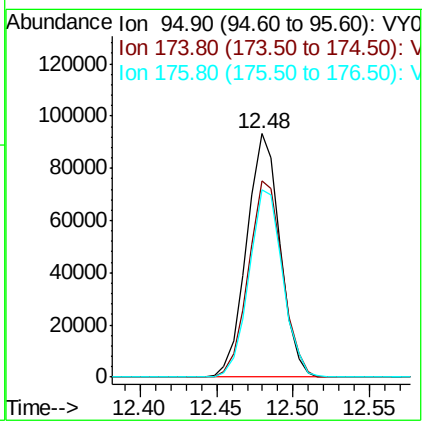


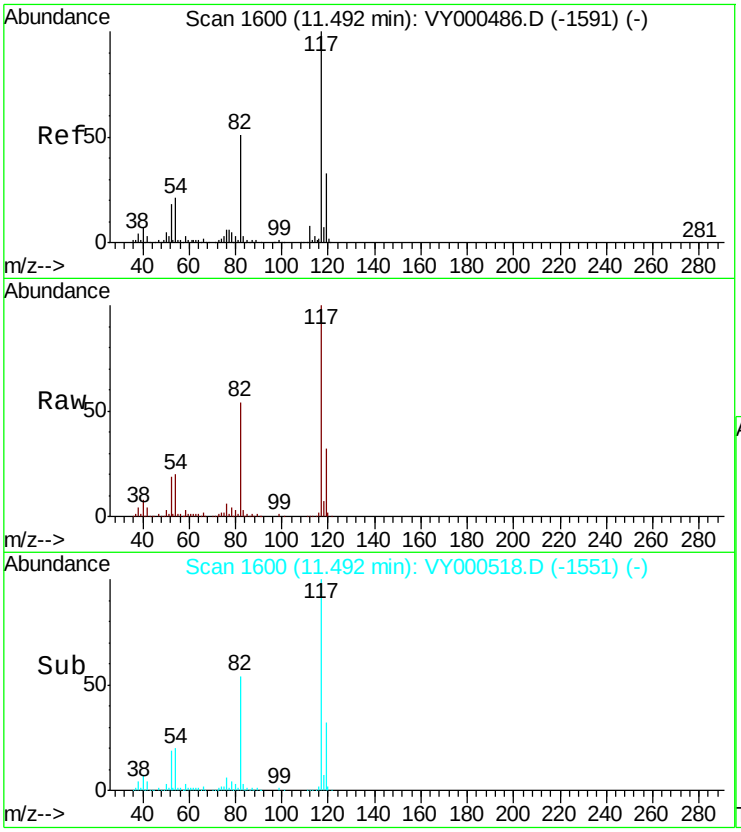


#62
4-Bromofluorobenzene
Concen: 46.870 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000518.D
Acq: 01 Nov 2019 11:28

Tgt Ion: 95 Resp: 141604

Ion	Ratio	Lower	Upper
95	100		
174	82.4	0.0	161.6
176	77.8	0.0	157.8



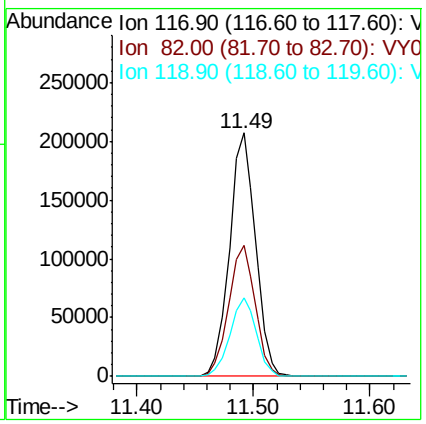


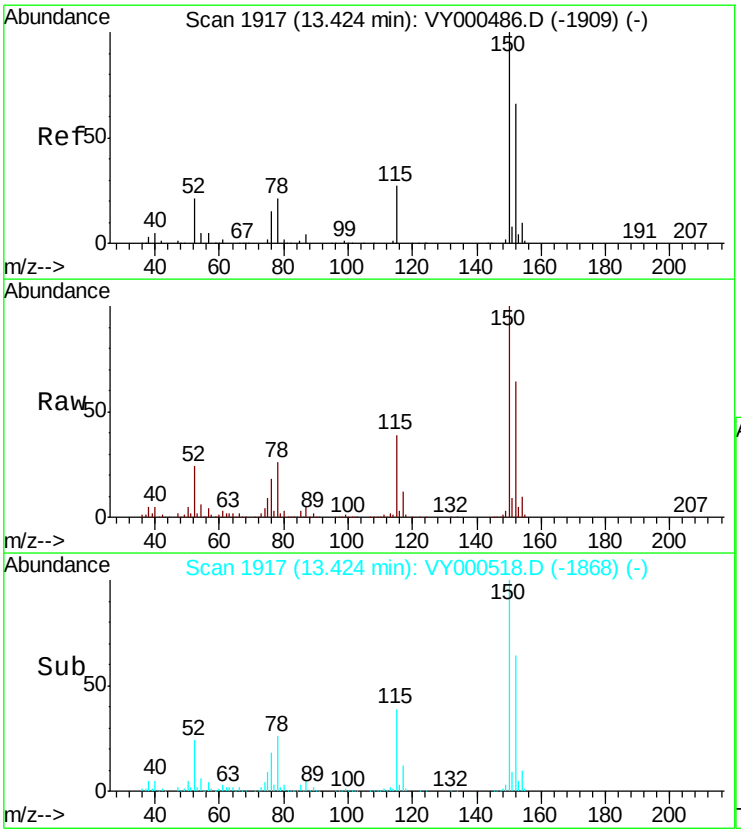
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000518.D
Acq: 01 Nov 2019 11:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 321531

Ion	Ratio	Lower	Upper
117	100		
82	53.9	40.8	61.2
119	32.5	26.2	39.2

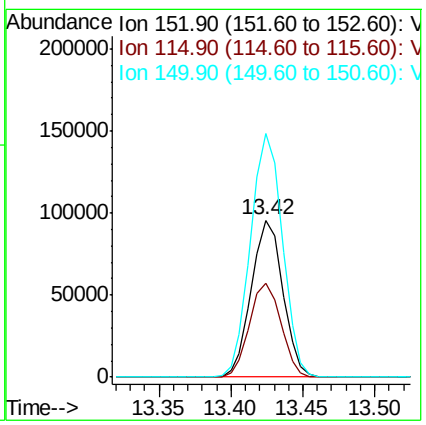


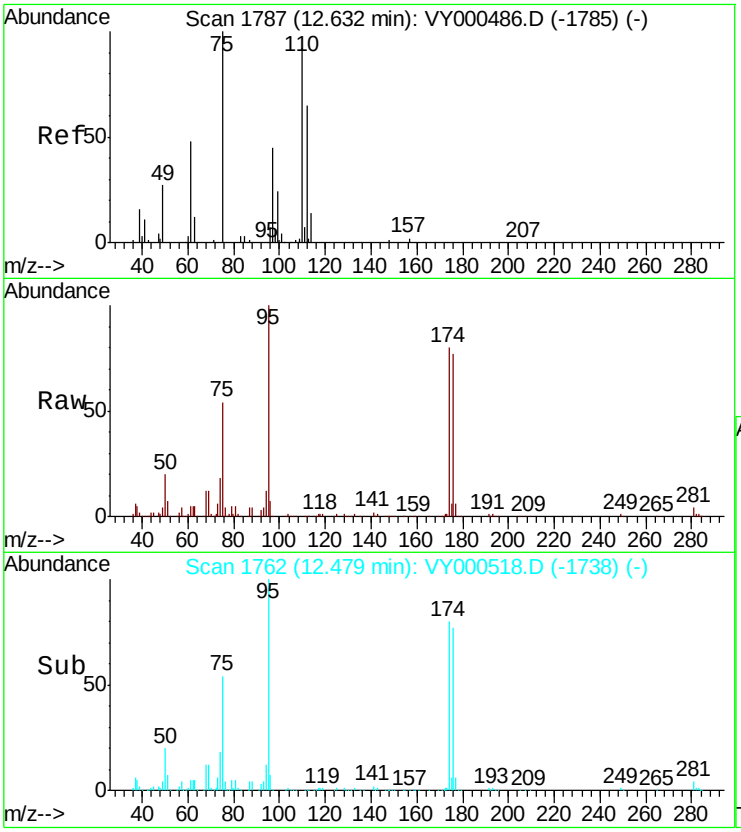


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000518.D
Acq: 01 Nov 2019 11:28

Tgt Ion:152 Resp: 145145

Ion	Ratio	Lower	Upper
152	100		
115	60.0	29.1	87.4
150	156.6	0.0	348.8



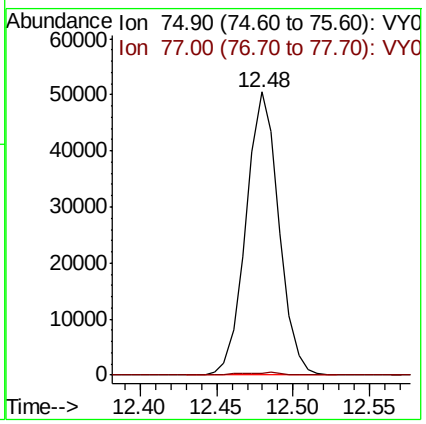


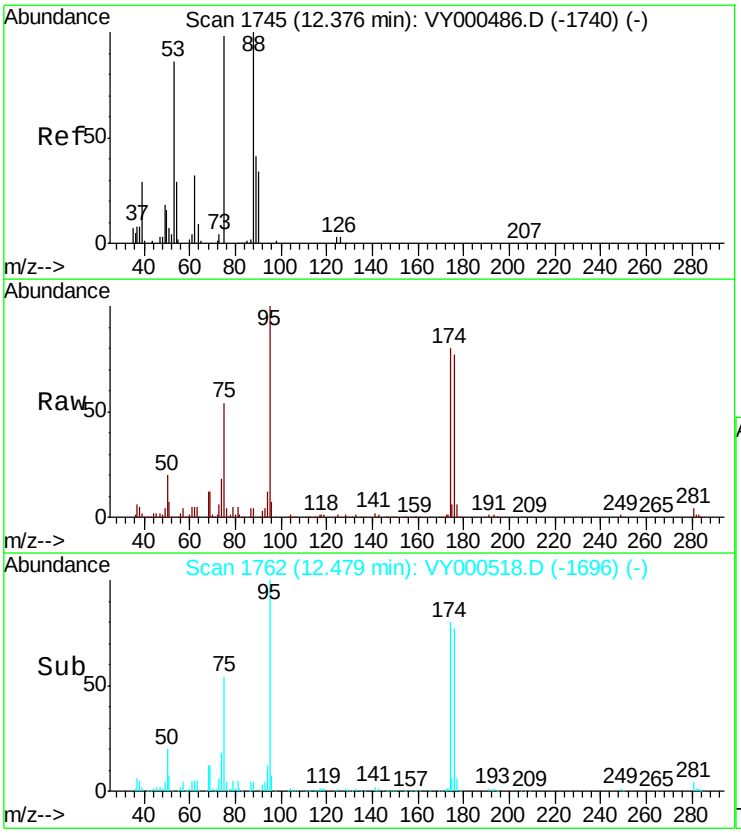
#76
1,2,3-Trichloropropane
Concen: 45.610 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000518.D
Acq: 01 Nov 2019 11:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 75379

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 102.264 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000518.D
Acq: 01 Nov 2019 11:28

Tgt Ion: 75 Resp: 75379

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.2	109.8#
89	0.1	35.9	53.9#