Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
Data File : VY000572.D
Acq On : 07 Nov 2019 12:07
Operator : SY/MD
Sample : K5725-02RE
Misc : 4.02G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Nov 08 03:45:48 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

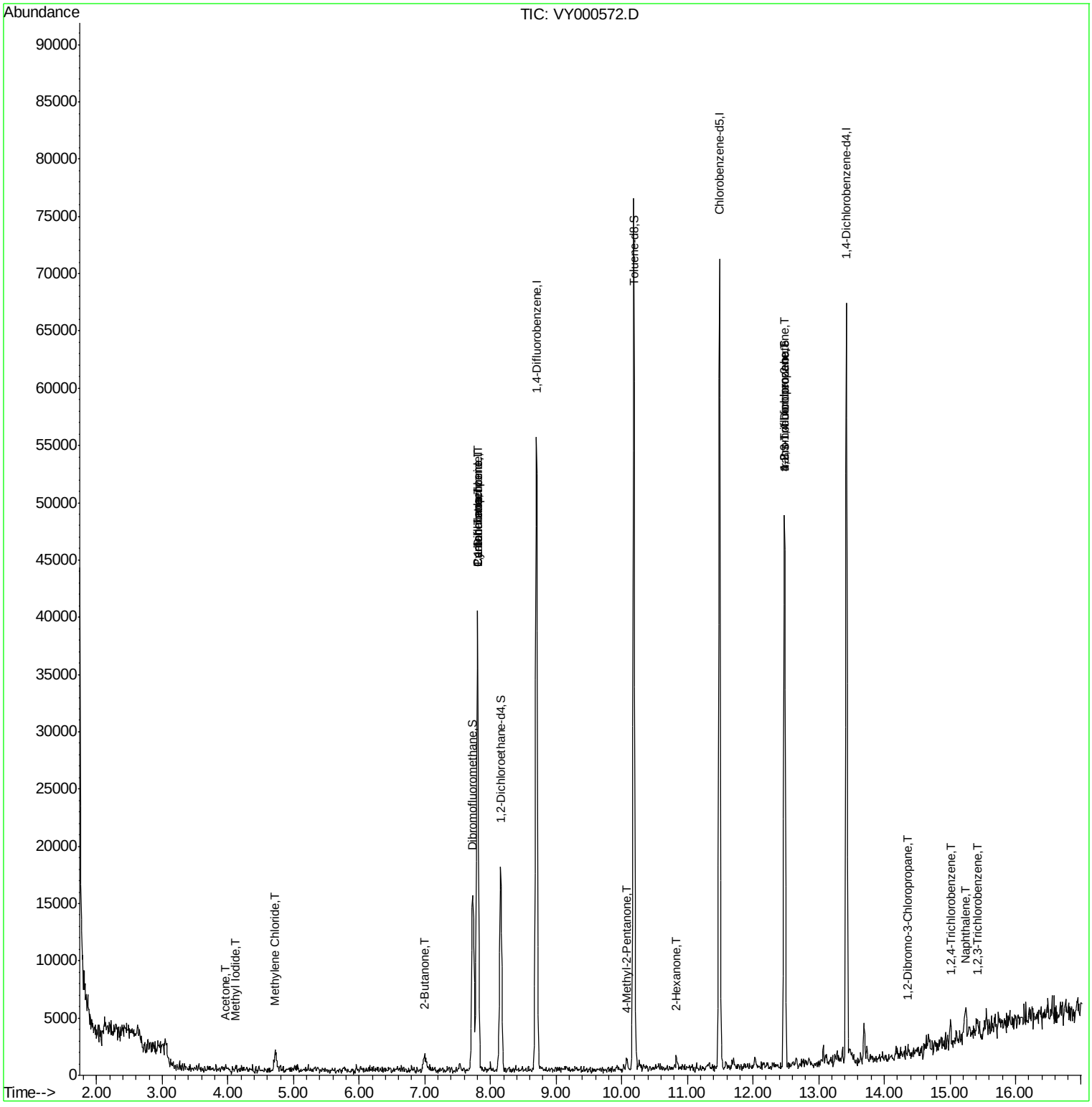
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	30132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	45114	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	36575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	14813	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	14088	45.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.36%			
35) Dibromofluoromethane	7.74	113	12275	46.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.70%			
50) Toluene-d8	10.19	98	50172	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.84%			
62) 4-Bromofluorobenzene	12.48	95	15336	40.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 80.18%			
Target Compounds						Qvalue
10) Methyl Iodide	4.11	142	50	3.314	ug/l #	42
16) Acetone	3.97	43	905	10.530	ug/l #	66
20) Methylene Chloride	4.72	84	1044	2.835	ug/l #	64
25) 2-Butanone	7.00	43	166	1.210	ug/l #	49
31) Cyclohexane	7.80	56	1070	1.773	ug/l #	68
36) 1,1-Dichloropropene	7.80	75	2515	5.897	ug/l #	45
38) Carbon Tetrachloride	7.80	117	2932	7.145	ug/l #	17
51) 4-Methyl-2-Pentanone	10.08	43	692	2.736	ug/l #	72
59) 2-Hexanone	10.83	43	901	4.890	ug/l	78
76) 1,2,3-Trichloropropane	12.48	75	8369	49.619	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	8369	111.252	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.36	75	91	2.372	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.01	180	650	2.164	ug/l #	80
95) Naphthalene	15.23	128	1983	2.973	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.43	180	564	2.093	ug/l	72

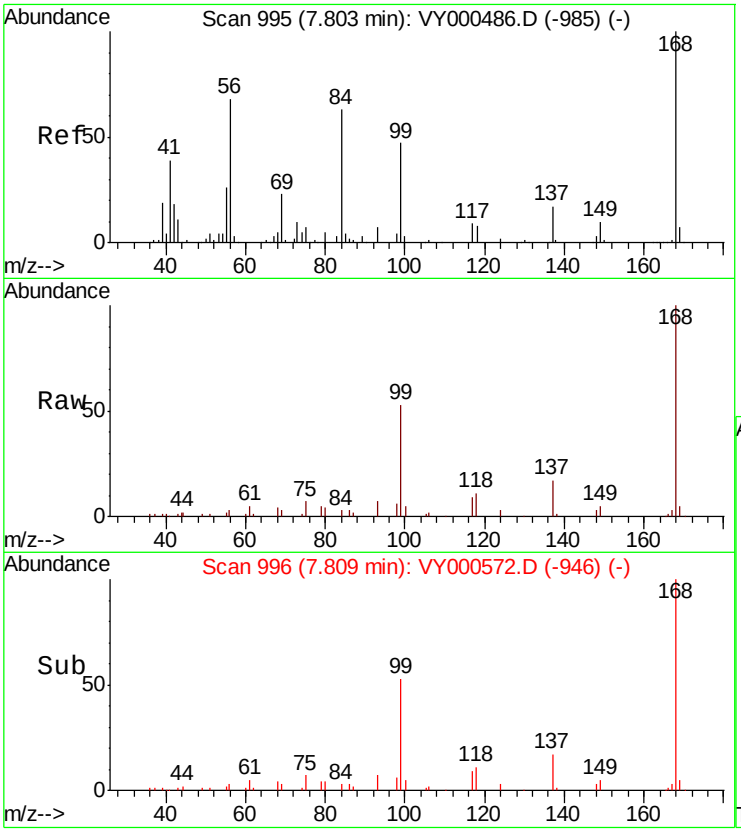
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
Data File : VY000572.D
Acq On : 07 Nov 2019 12:07
Operator : SY/MD
Sample : K5725-02RE
Misc : 4.02G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 08 03:45:48 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



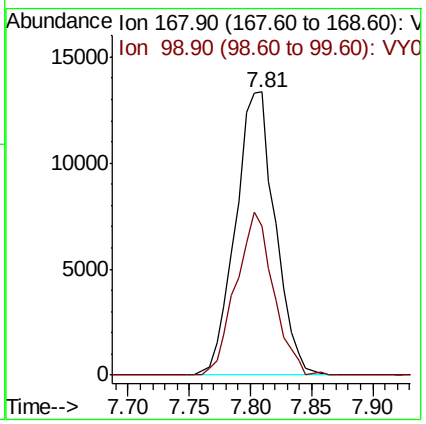


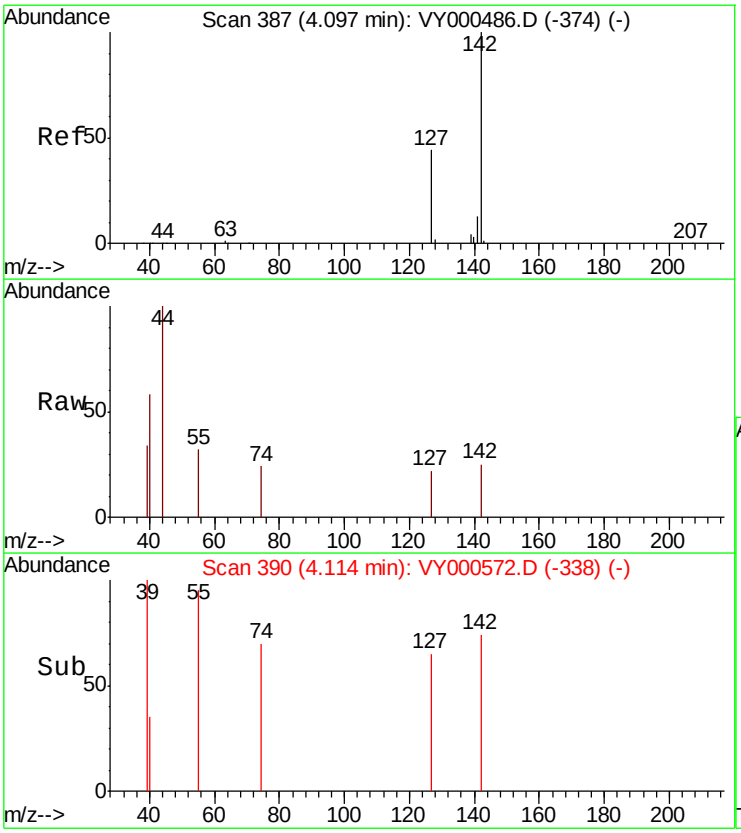
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.01 min
Lab File: VY000572.D
Acq: 07 Nov 2019 12:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 30132

Ion	Ratio	Lower	Upper
168	100		
99	52.8	45.7	68.5

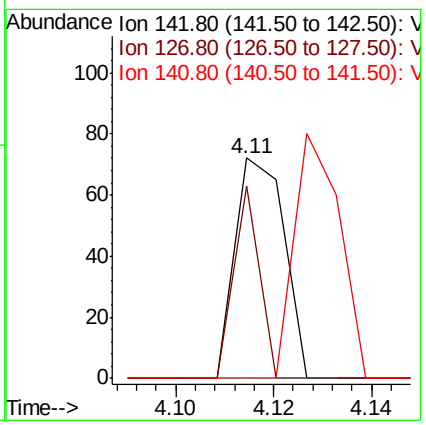


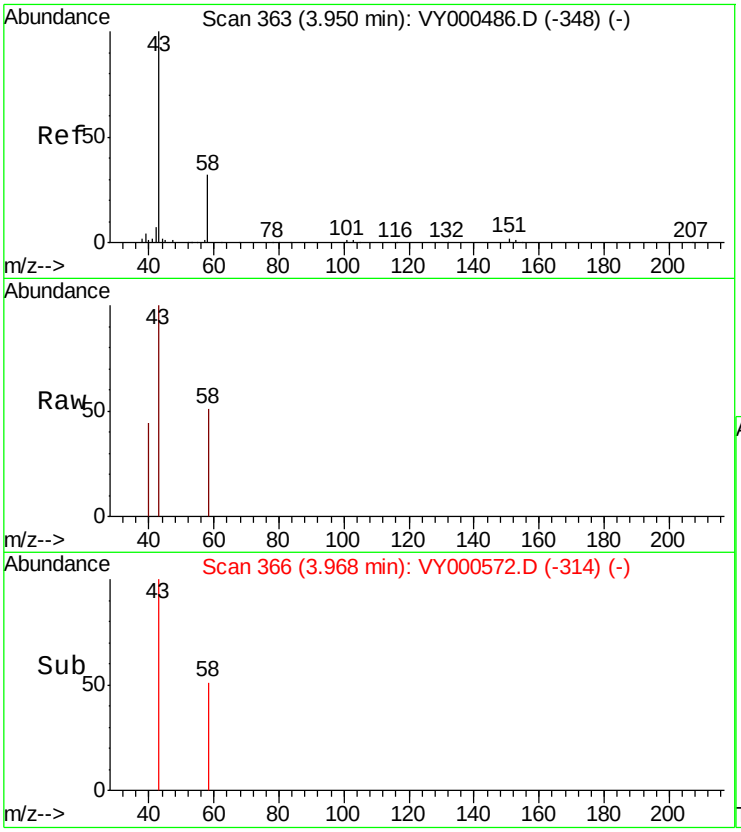


#10
Methyl Iodide
Concen: 3.314 ug/l
RT: 4.11 min Scan# 390
Delta R.T. 0.02 min
Lab File: VY000572.D
Acq: 07 Nov 2019 12:07

Tgt Ion:142 Resp: 50

Ion	Ratio	Lower	Upper
142	100		
127	46.0	33.7	50.5
141	102.0	10.9	16.3#



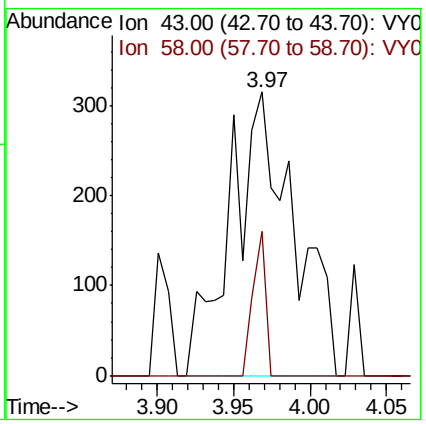


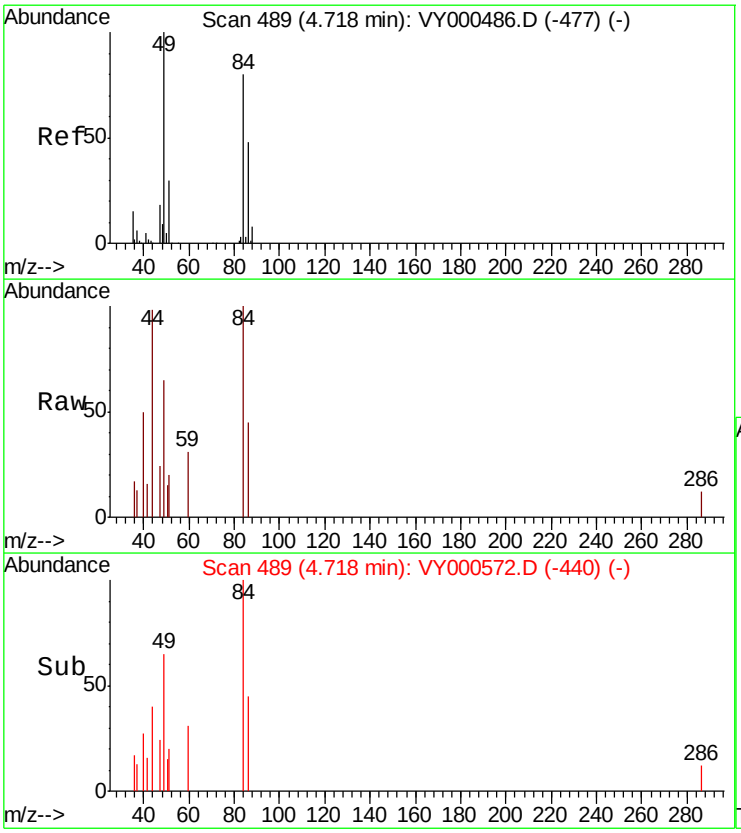
#16
Acetone
Concen: 10.530 ug/l
RT: 3.97 min Scan# 366
Delta R.T. 0.02 min
Lab File: VY000572.D
Acq: 07 Nov 2019 12:07

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 905

Ion	Ratio	Lower	Upper
43	100		
58	51.1	25.8	38.6#

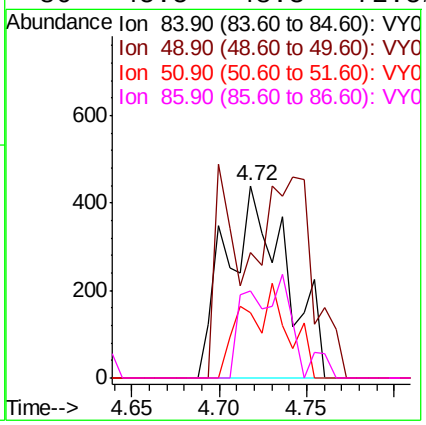


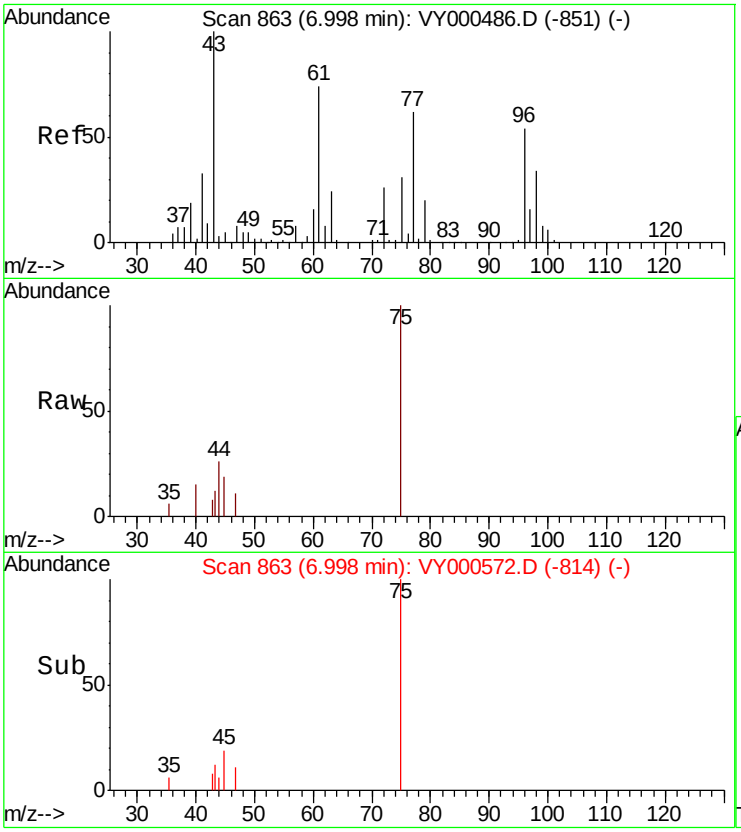


#20
Methylene Chloride
Concen: 2.835 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.00 min
Lab File: VY000572.D
Acq: 07 Nov 2019 12:07

Tgt Ion: 84 Resp: 1044

Ion	Ratio	Lower	Upper
84	100		
49	65.0	100.2	150.4#
51	34.1	29.6	44.4
86	45.5	48.3	72.5#



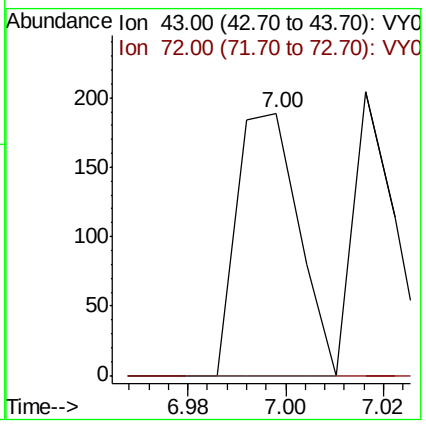


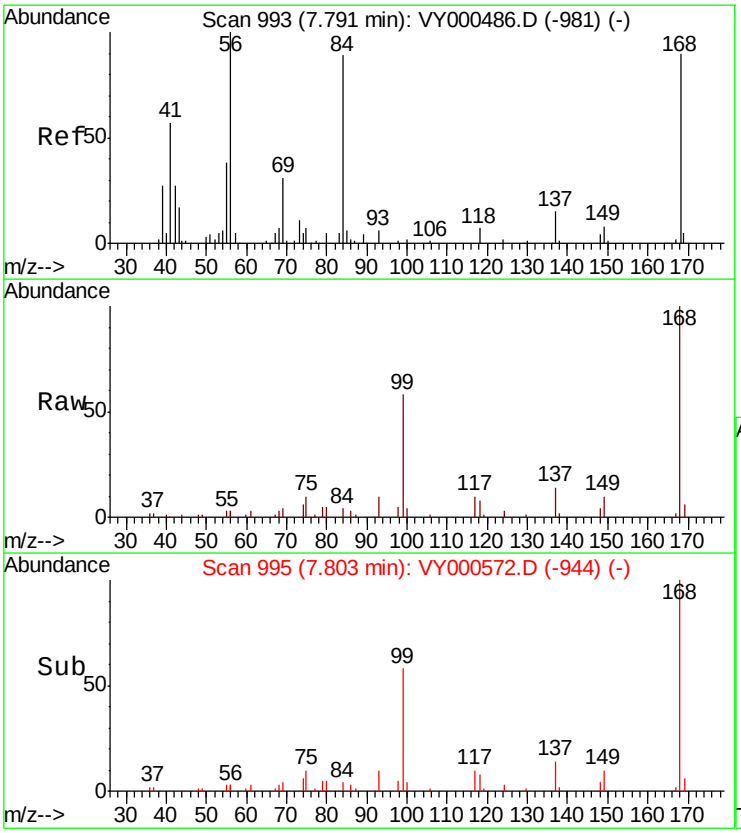
#25
2-Butanone
Concen: 1.210 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000572.D
Acq: 07 Nov 2019 12:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 166

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.9	31.3#

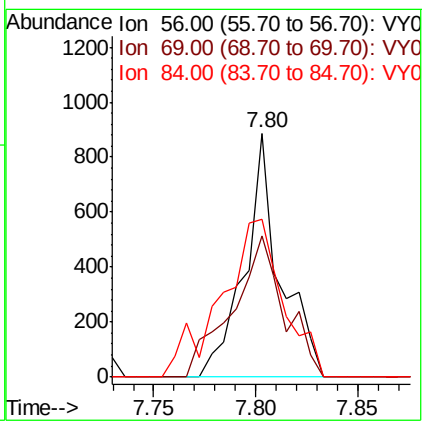


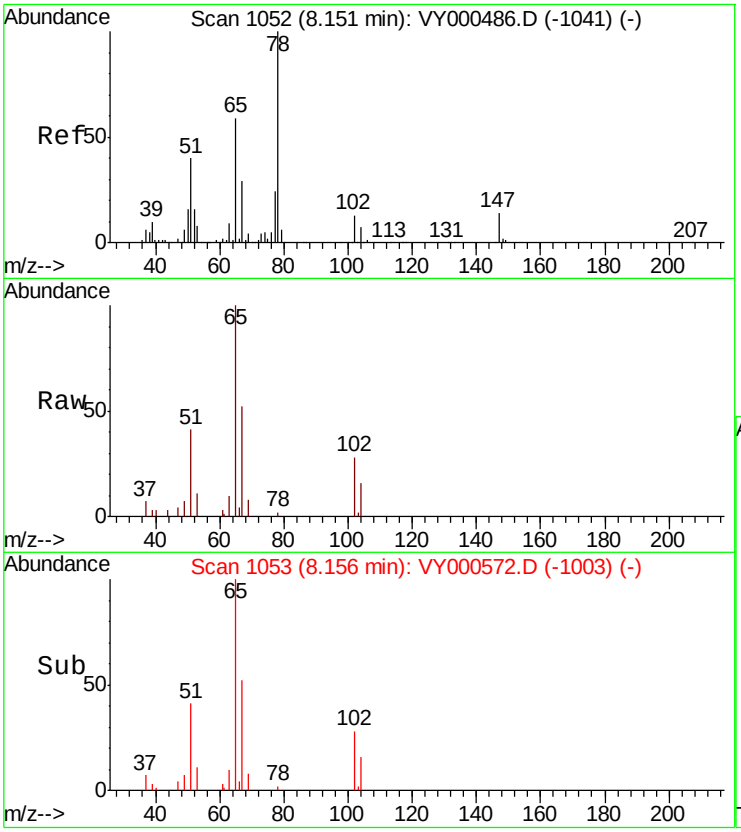


#31
Cyclohexane
Concen: 1.773 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000572.D
Acq: 07 Nov 2019 12:07

Tgt Ion: 56 Resp: 1070

Ion	Ratio	Lower	Upper
56	100		
69	57.8	25.0	37.6#
84	64.6	71.4	107.2#



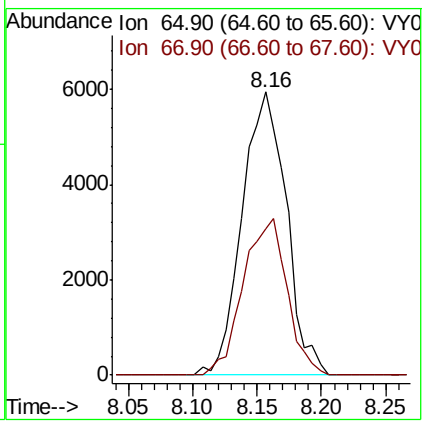


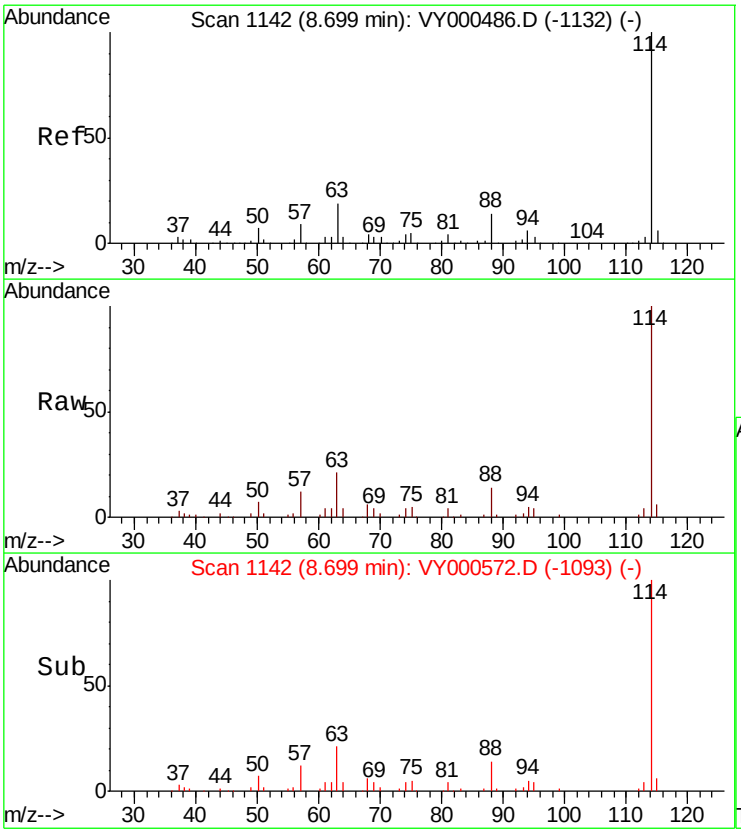
#33
1,2-Dichloroethane-d4
Concen: 45.179 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VY000572.D
Acq: 07 Nov 2019 12:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 14088

Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	107.2

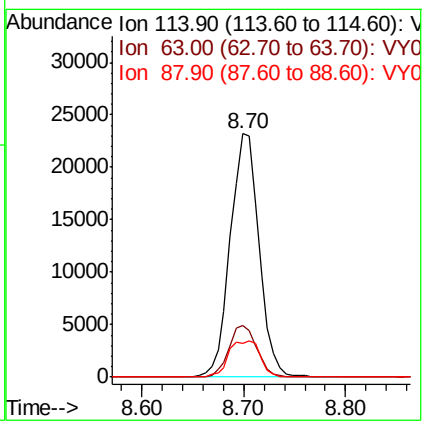


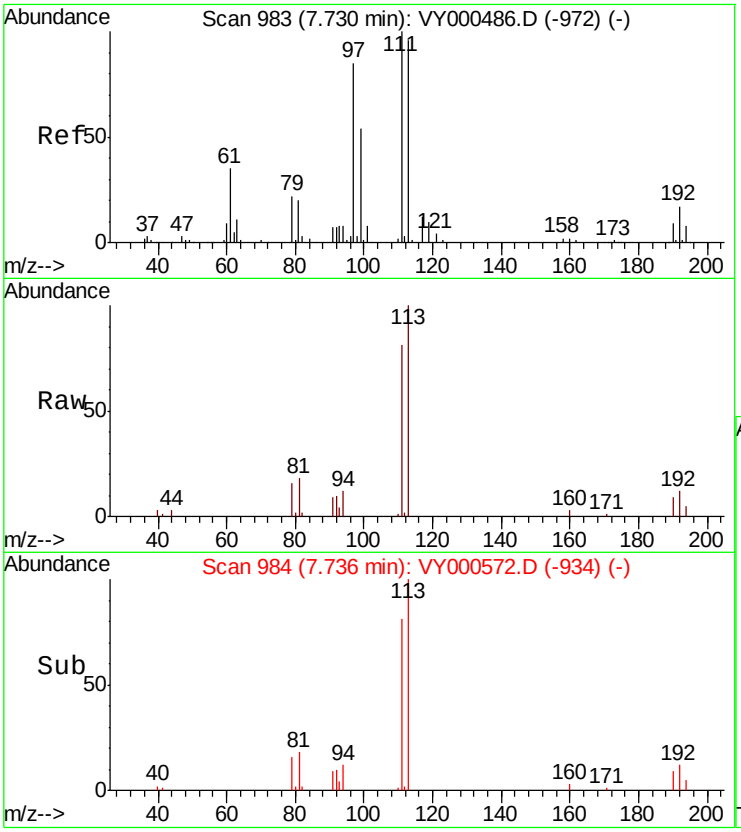


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VY000572.D
Acq: 07 Nov 2019 12:07

Tgt Ion:114 Resp: 45114

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	38.0
88	13.7	0.0	28.6



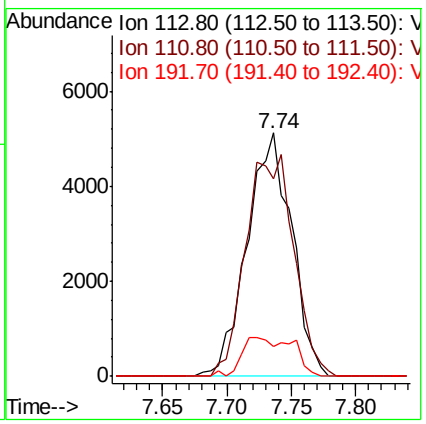


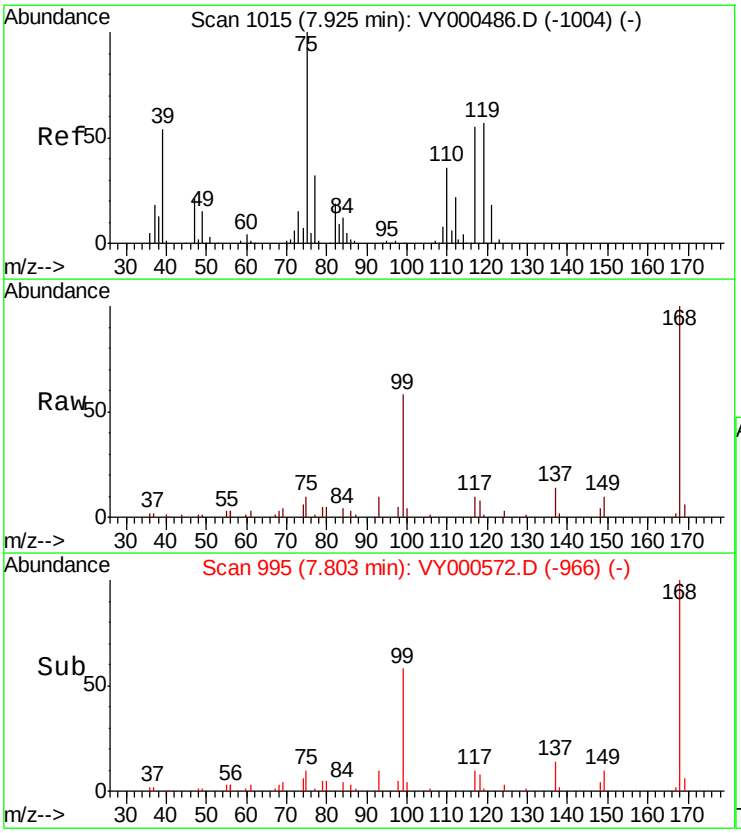
#35
Dibromofluoromethane
Concen: 46.347 ug/l
RT: 7.74 min Scan# 984
Delta R.T. 0.01 min
Lab File: VY000572.D
Acq: 07 Nov 2019 12:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 12275

Ion	Ratio	Lower	Upper
113	100		
111	98.0	81.7	122.5
192	11.0	15.0	22.4#

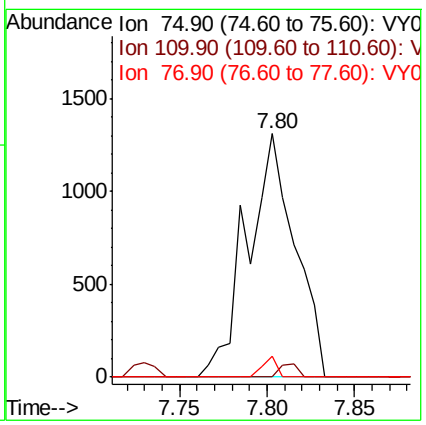


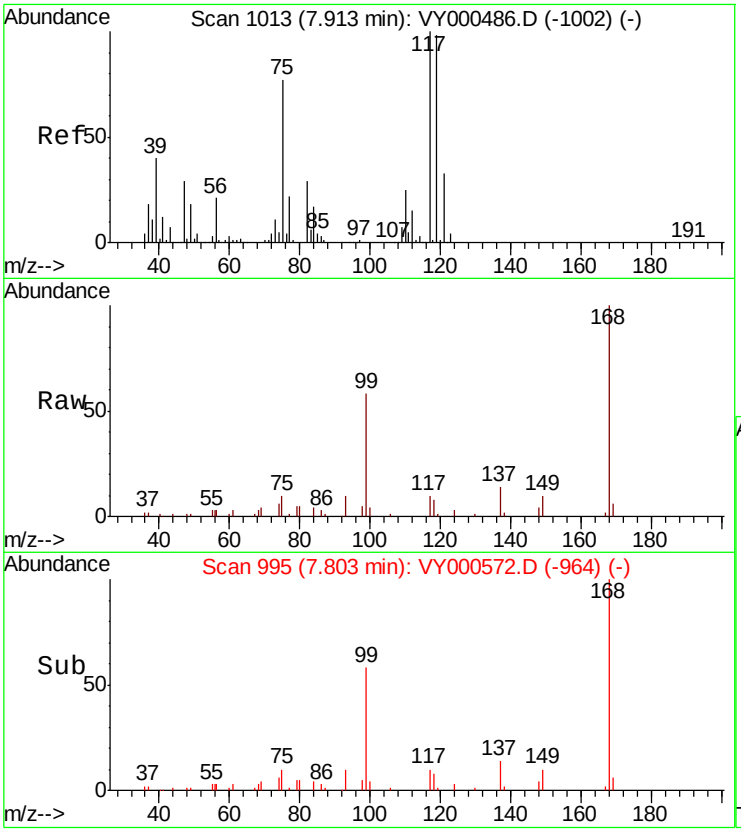


#36
1,1-Dichloropropene
Concen: 5.897 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY000572.D
Acq: 07 Nov 2019 12:07

Tgt Ion: 75 Resp: 2515

Ion	Ratio	Lower	Upper
75	100		
110	2.0	18.1	54.1#
77	2.4	25.0	37.6#



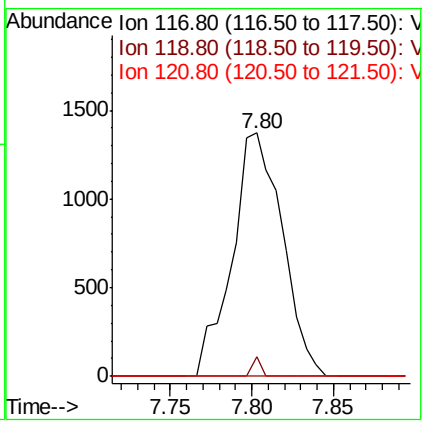


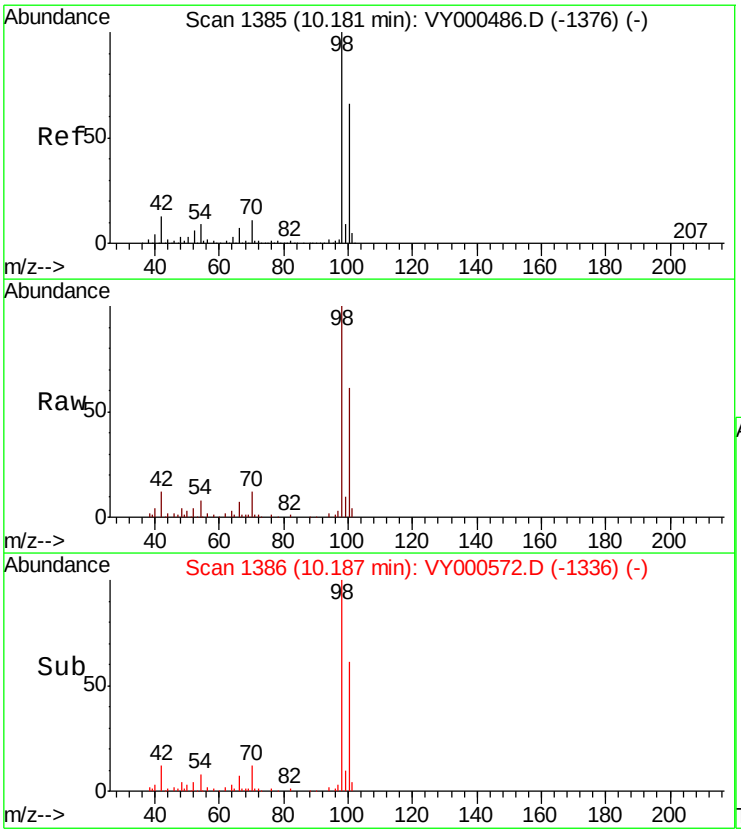
#38
Carbon Tetrachloride
Concen: 7.145 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000572.D
Acq: 07 Nov 2019 12:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 2932

Ion	Ratio	Lower	Upper
117	100		
119	8.1	78.0	117.0#
121	0.0	26.6	40.0#

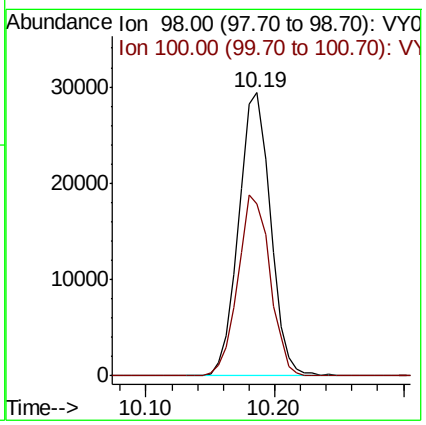


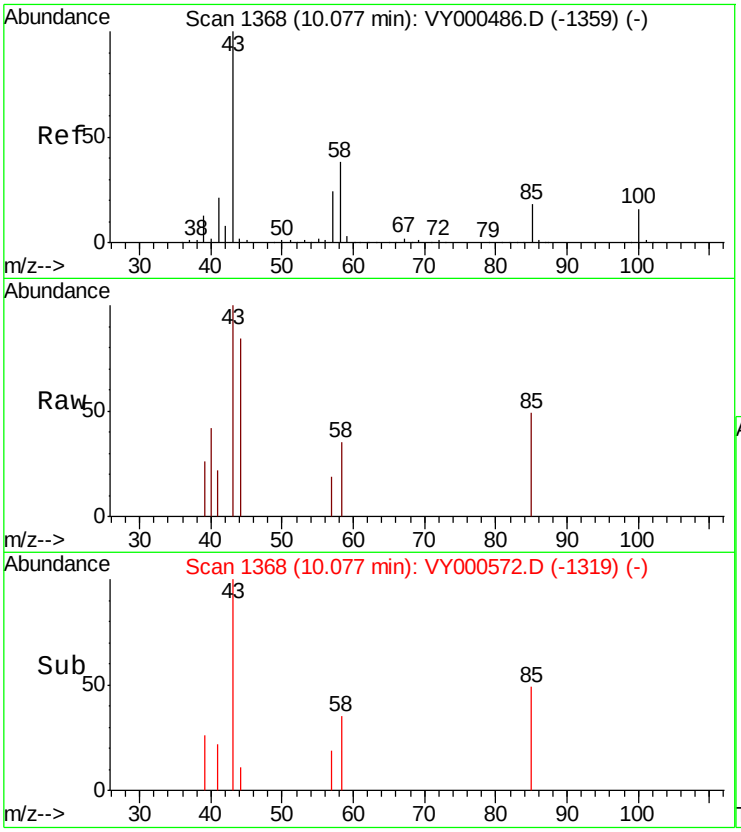


#50
Toluene-d8
Concen: 49.924 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VY000572.D
Acq: 07 Nov 2019 12:07

Tgt Ion: 98 Resp: 50172

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.9	79.3



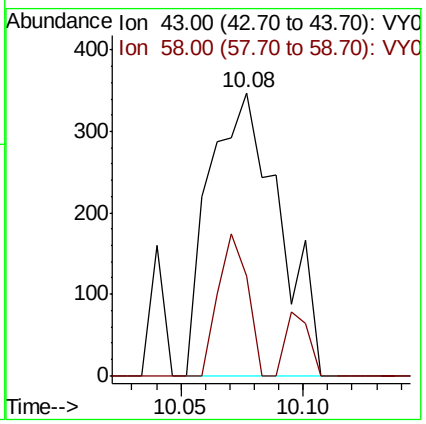


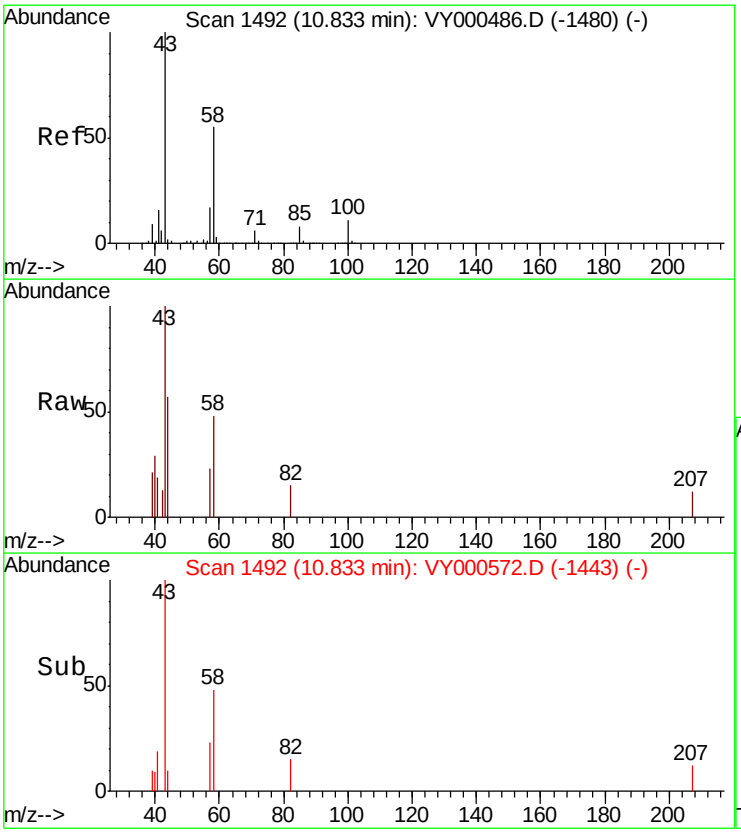
#51
4-Methyl-2-Pentanone
Concen: 2.736 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000572.D
Acq: 07 Nov 2019 12:07

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 692

Ion	Ratio	Lower	Upper
43	100		
58	21.0	30.2	45.4#

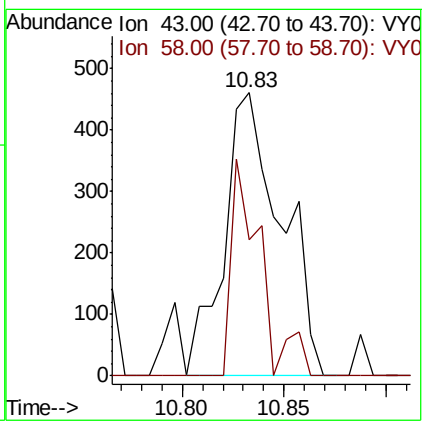


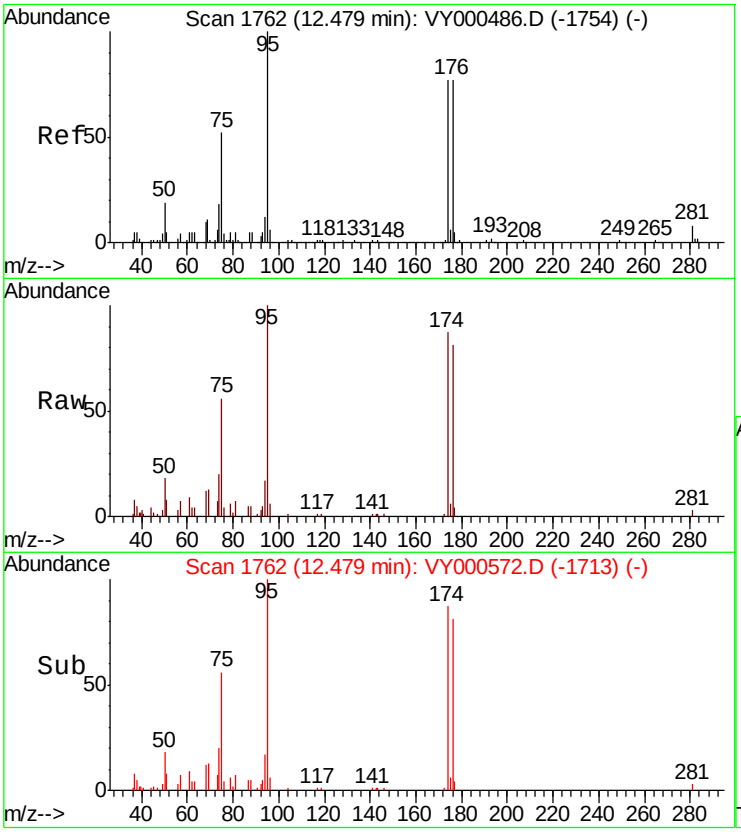


#59
2-Hexanone
Concen: 4.890 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000572.D
Acq: 07 Nov 2019 12:07

Tgt Ion: 43 Resp: 901

Ion	Ratio	Lower	Upper
43	100		
58	38.5	27.1	81.3



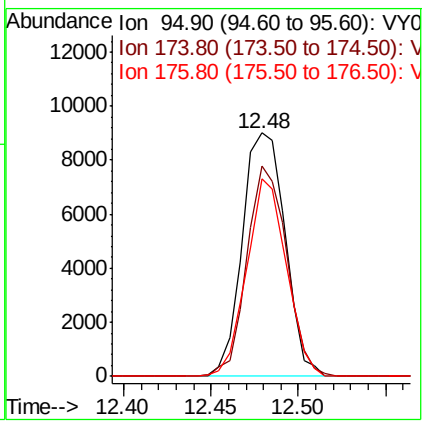


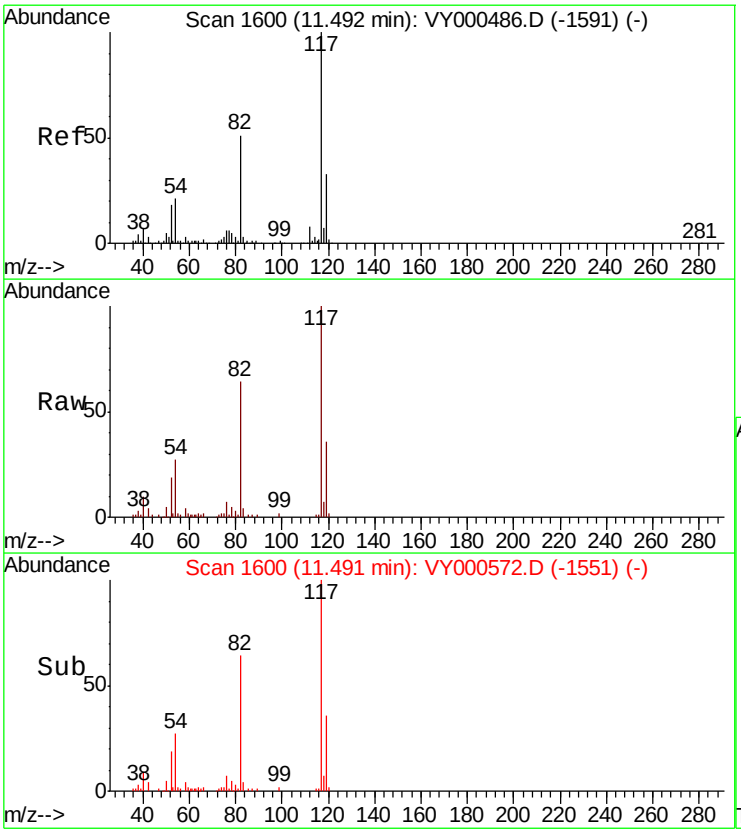
#62
4-Bromofluorobenzene
Concen: 40.086 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000572.D
Acq: 07 Nov 2019 12:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 15336

Ion	Ratio	Lower	Upper
95	100		
174	80.2	0.0	161.6
176	75.3	0.0	157.8

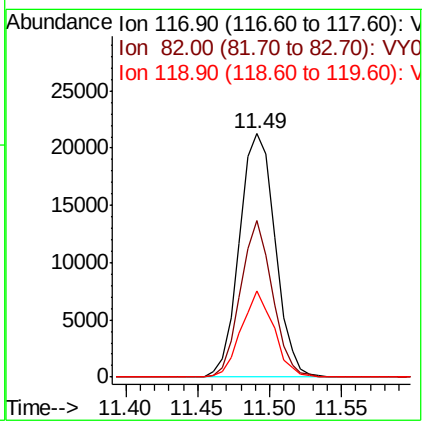


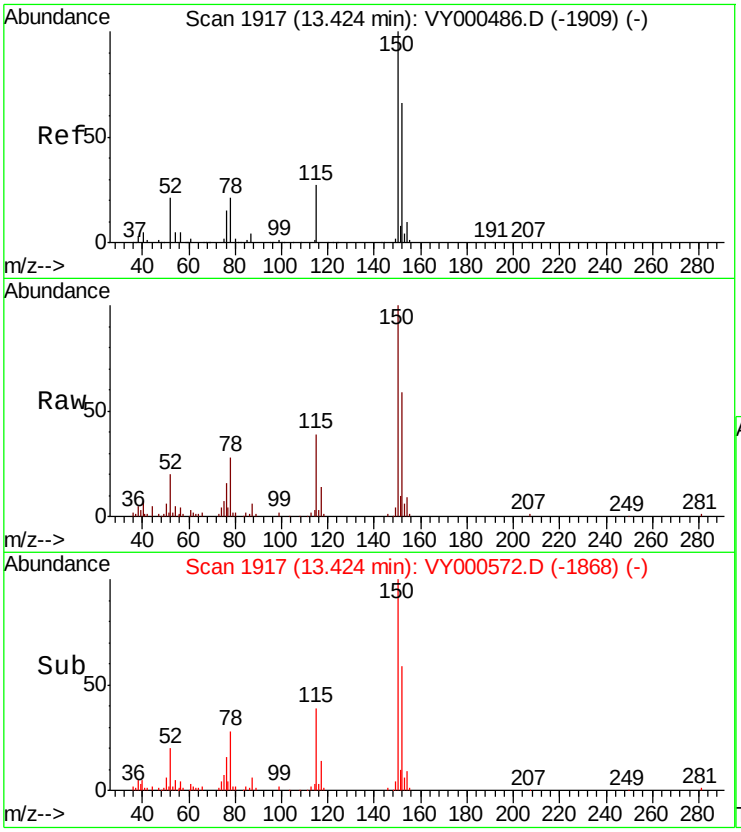


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000572.D
Acq: 07 Nov 2019 12:07

Tgt Ion:117 Resp: 36575

Ion	Ratio	Lower	Upper
117	100		
82	64.2	40.8	61.2#
119	35.5	26.2	39.2



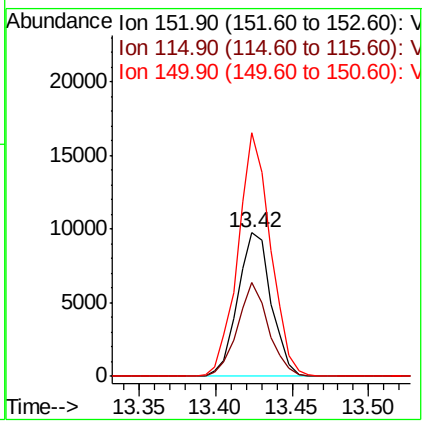


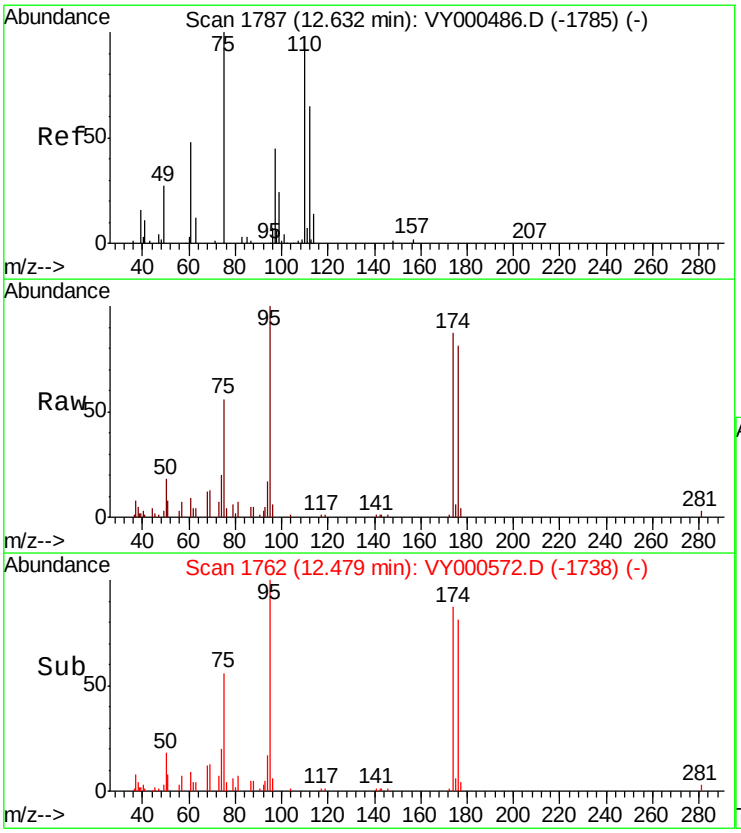
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000572.D
Acq: 07 Nov 2019 12:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 14813

Ion	Ratio	Lower	Upper
152	100		
115	60.3	29.1	87.4
150	164.5	0.0	348.8

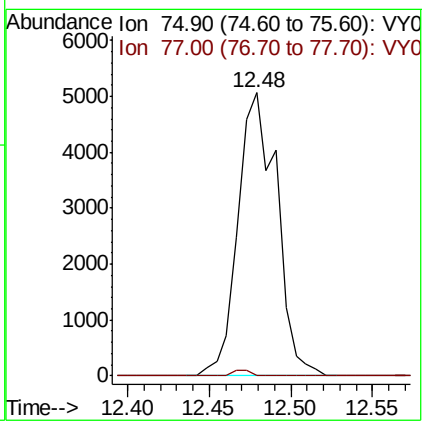


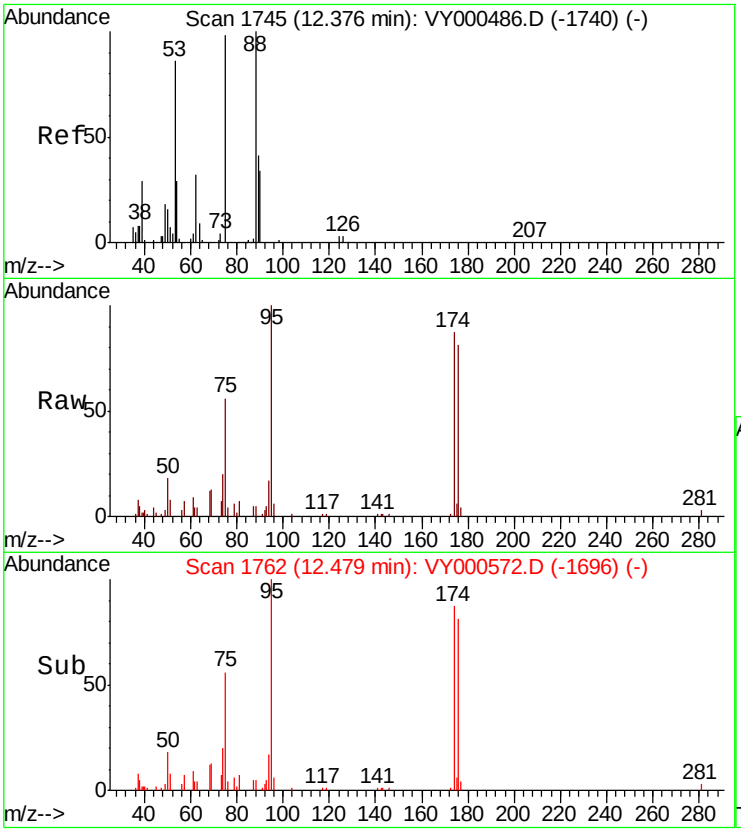


#76
1,2,3-Trichloropropane
Concen: 49.619 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000572.D
Acq: 07 Nov 2019 12:07

Tgt Ion: 75 Resp: 8369

Ion	Ratio	Lower	Upper
75	100		
77	0.8	0.0	0.0#



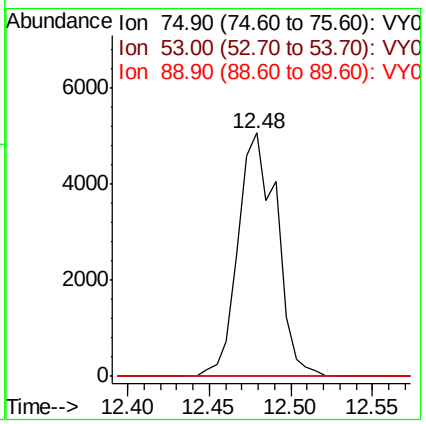


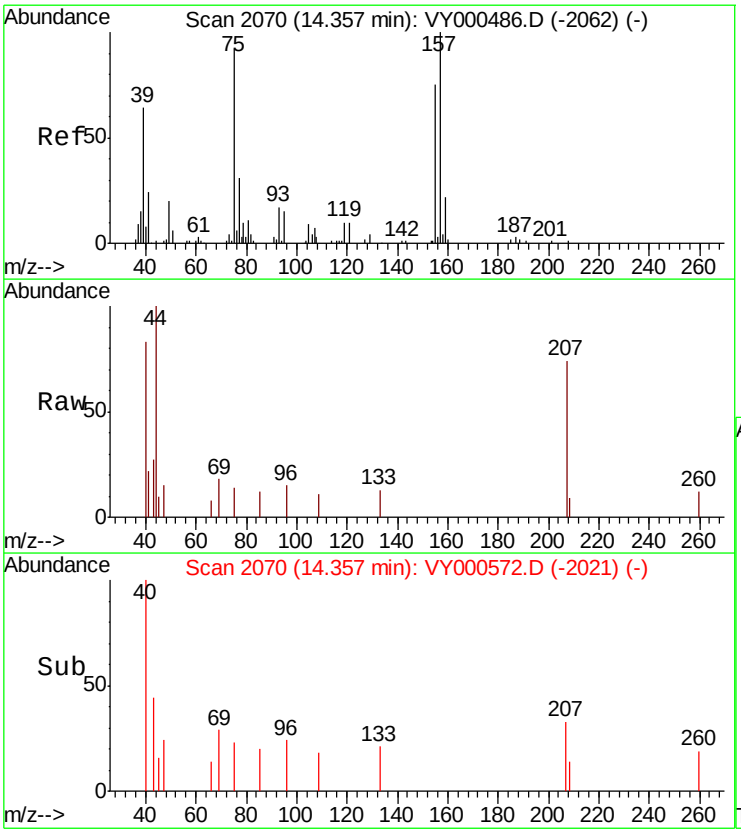
#81
trans-1,4-Dichloro-2-butene
Concen: 111.252 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000572.D
Acq: 07 Nov 2019 12:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 8369

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

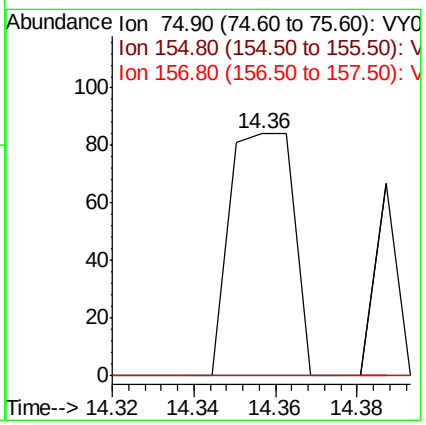


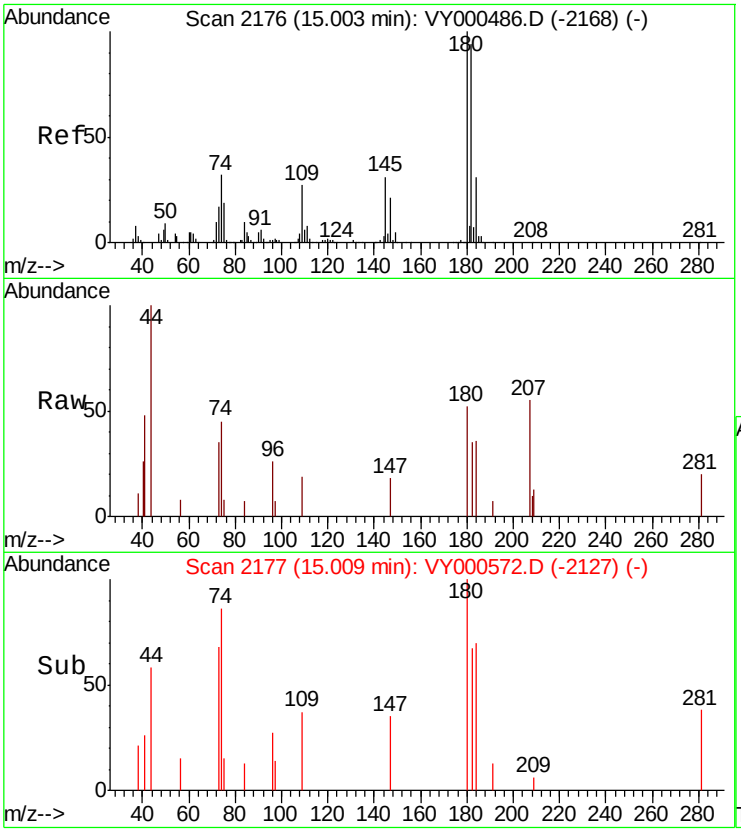


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.372 ug/l
RT: 14.36 min Scan# 2070
Delta R.T. -0.00 min
Lab File: VY000572.D
Acq: 07 Nov 2019 12:07

Tgt Ion: 75 Resp: 91

Ion	Ratio	Lower	Upper
75	100		
155	0.0	42.4	127.1#
157	0.0	55.1	165.3#



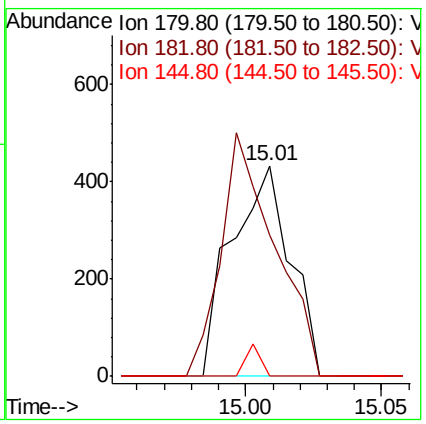


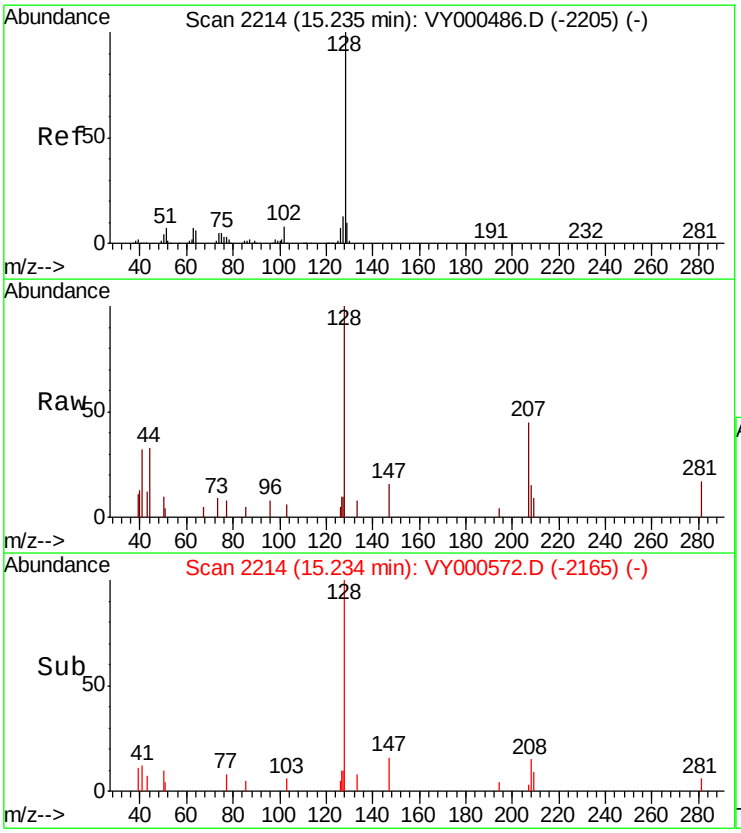
#93
1,2,4-Trichlorobenzene
Concen: 2.164 ug/l
RT: 15.01 min Scan# 2177
Delta R.T. 0.01 min
Lab File: VY000572.D
Acq: 07 Nov 2019 12:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:180 Resp: 650

Ion	Ratio	Lower	Upper
180	100		
182	105.1	47.8	143.4
145	3.8	16.0	47.9#

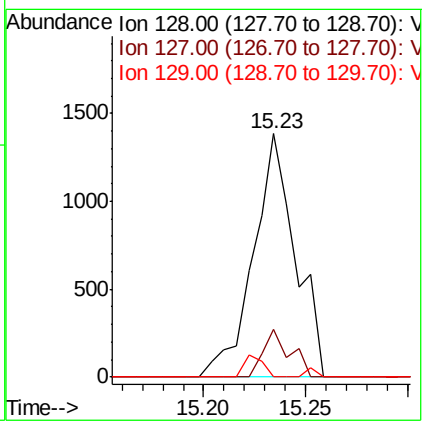


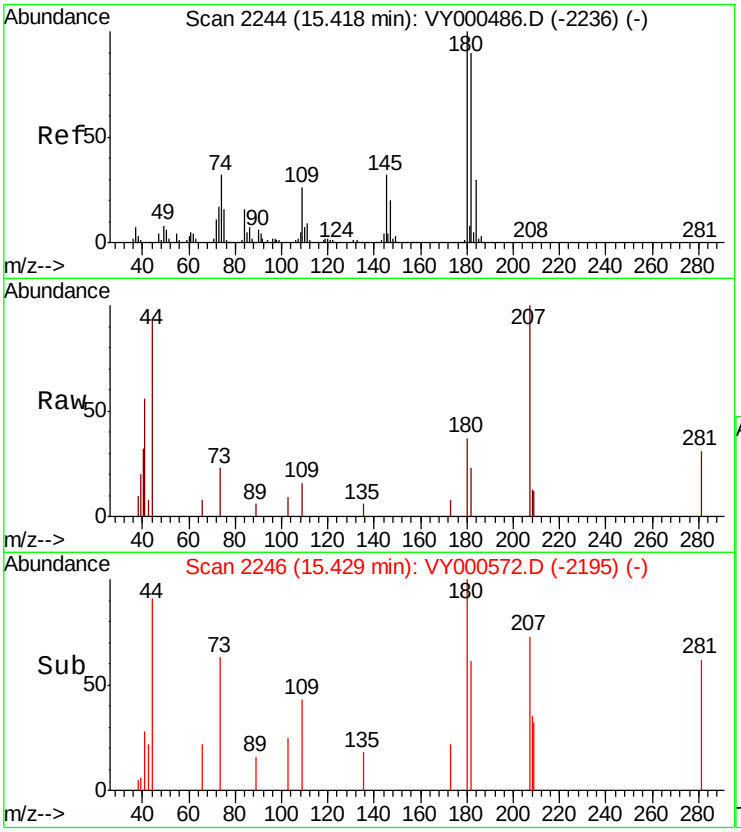


#95
Naphthalene
Concen: 2.973 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000572.D
Acq: 07 Nov 2019 12:07

Tgt Ion:128 Resp: 1983

Ion	Ratio	Lower	Upper
128	100		
127	12.5	9.8	14.6
129	3.9	8.7	13.1#





#96
1,2,3-Trichlorobenzene
Concen: 2.093 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.01 min
Lab File: VY000572.D
Acq: 07 Nov 2019 12:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:180 Resp: 564

Ion	Ratio	Lower	Upper
180	100		
182	65.1	47.4	142.3
145	20.6	15.7	47.0