Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY101119\
Data File : VY000288.D
Acq On : 11 Oct 2019 22:03
Operator : SY/MD
Sample : K5323-07
Misc : 7.82G/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Oct 14 07:39:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 07:29:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	211822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	397629	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	346173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	149926	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	135235	60.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 121.04%			
35) Dibromofluoromethane	7.73	113	118149	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.52%			
50) Toluene-d8	10.19	98	467819	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.40%			
62) 4-Bromofluorobenzene	12.48	95	154184	43.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.98%			
Target Compounds						Qvalue
5) Bromomethane	2.68	94	50	Below Cal	#	3
10) Methyl Iodide	4.11	142	131	1.227	ug/l #	41
11) Tert butyl alcohol	4.96	59	648	2.771	ug/l #	73
16) Acetone	3.96	43	8868	12.256	ug/l	93
17) Carbon Disulfide	4.20	76	22291	3.309	ug/l #	90
20) Methylene Chloride	4.72	84	6863	Below Cal	#	89
25) 2-Butanone	7.01	43	2967	2.911	ug/l	94
31) Cyclohexane	7.80	56	4644	1.086	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	17303	4.445	ug/l #	48
37) Ethyl Acetate	7.01	43	2967	1.287	ug/l #	68
38) Carbon Tetrachloride	7.80	117	19377	5.141	ug/l #	19
49) 1,4-Dioxane	9.33	88	27	1.167	ug/l #	24
76) 1,2,3-Trichloropropane	12.48	75	80497	43.663	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	80497	95.534	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.53	75	2954	7.096	ug/l #	23
95) Naphthalene	15.23	128	130845	18.156	ug/l	99

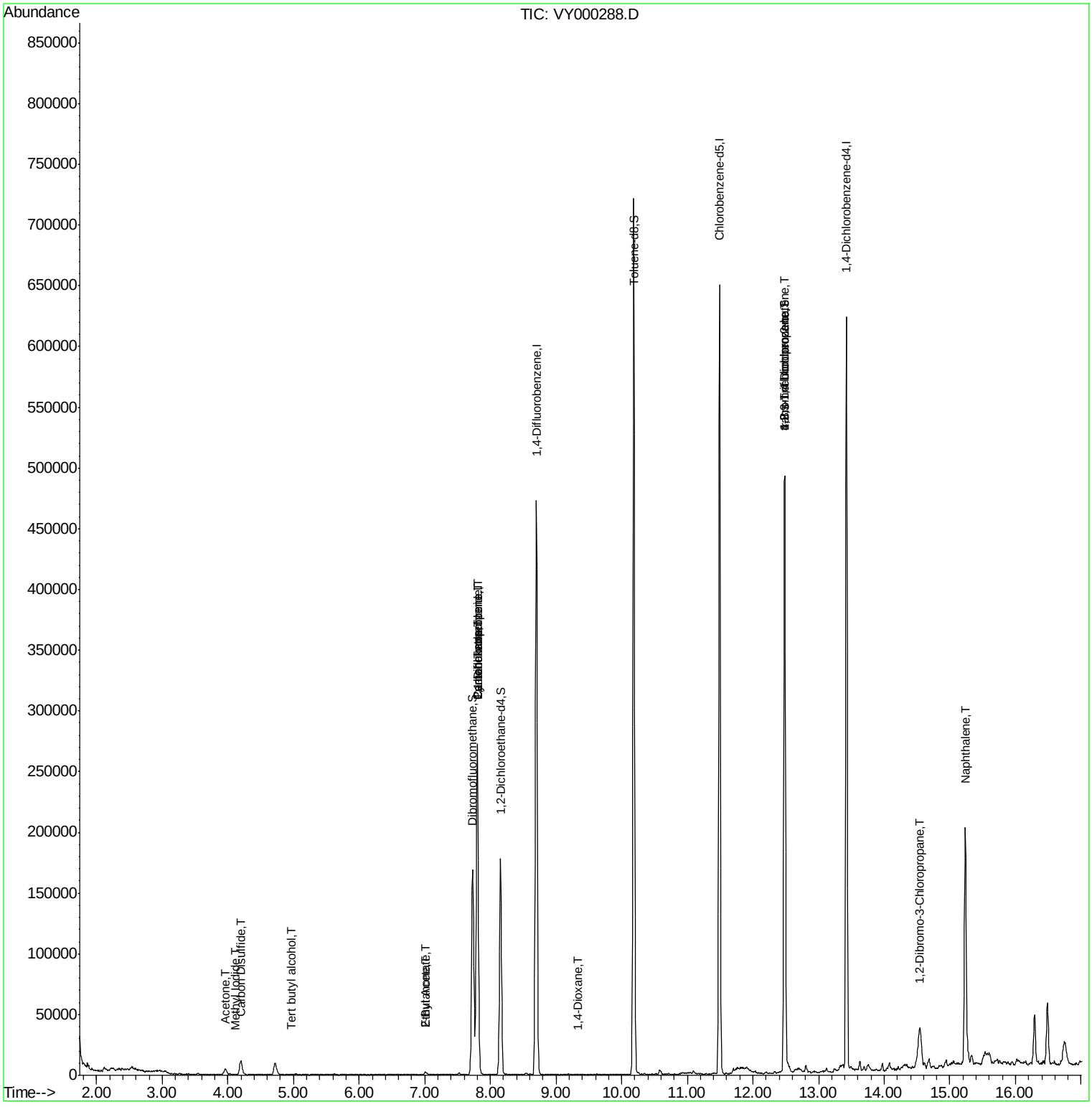
(#) = qualifier out of range (m) = manual integration (+) = signals summed

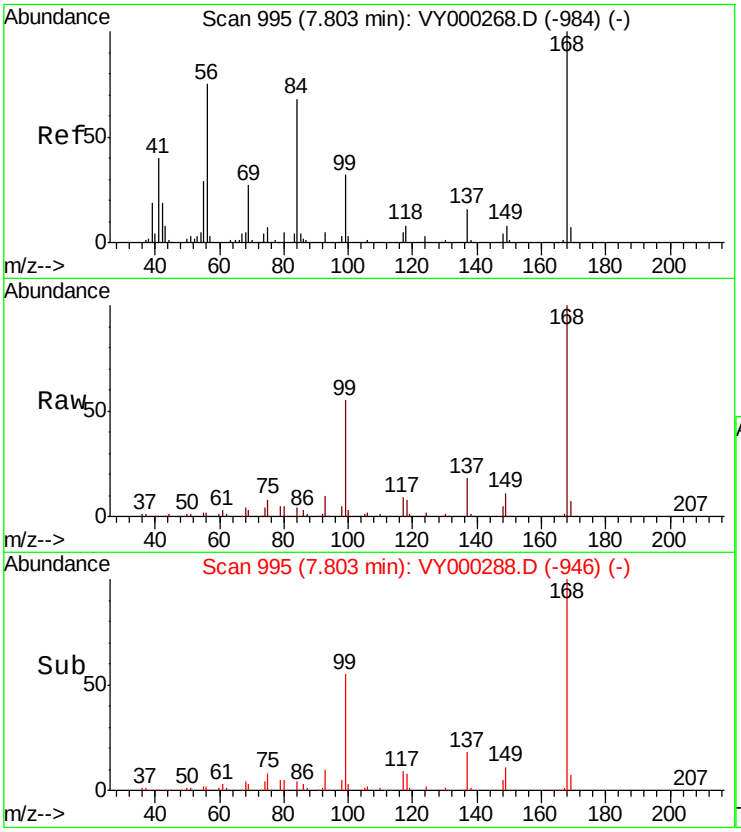
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY101119\
Data File : VY000288.D
Acq On : 11 Oct 2019 22:03
Operator : SY/MD
Sample : K5323-07
Misc : 7.82G/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 14 07:39:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 07:29:17 2019
Response via : Initial Calibration



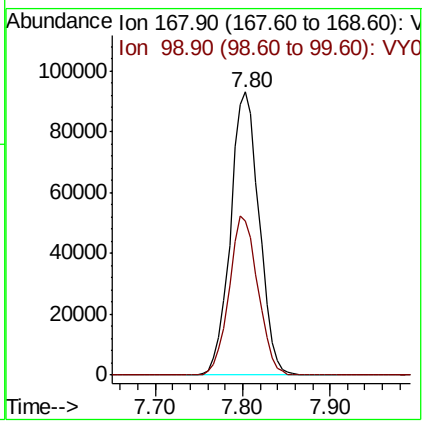


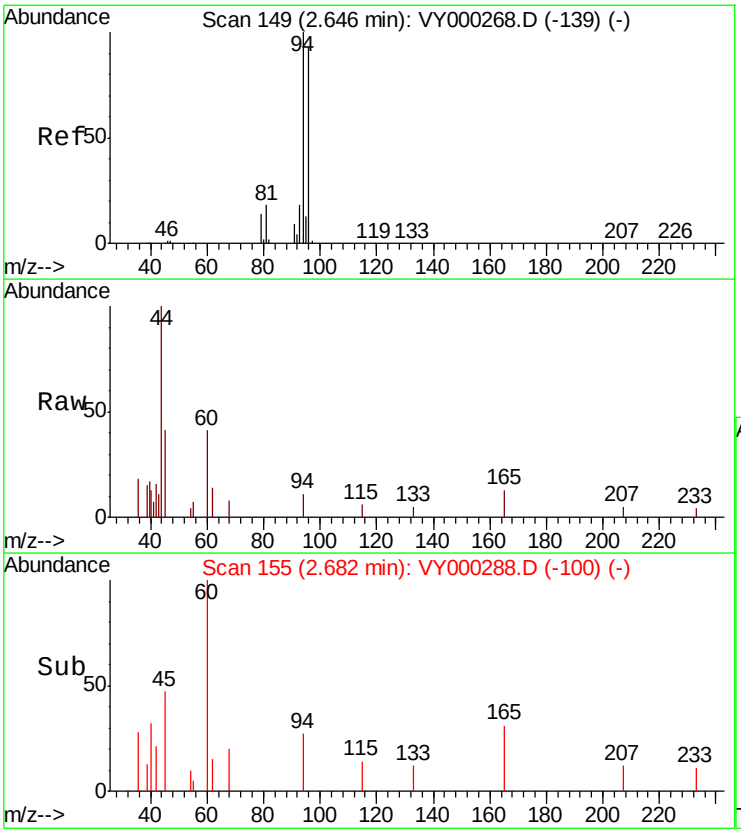
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000288.D
Acq: 11 Oct 2019 22:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 211822

Ion	Ratio	Lower	Upper
168	100		
99	54.5	46.6	69.8

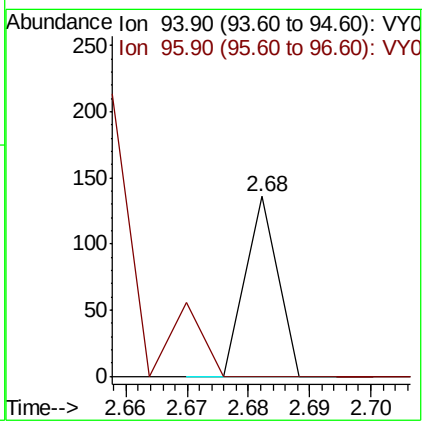


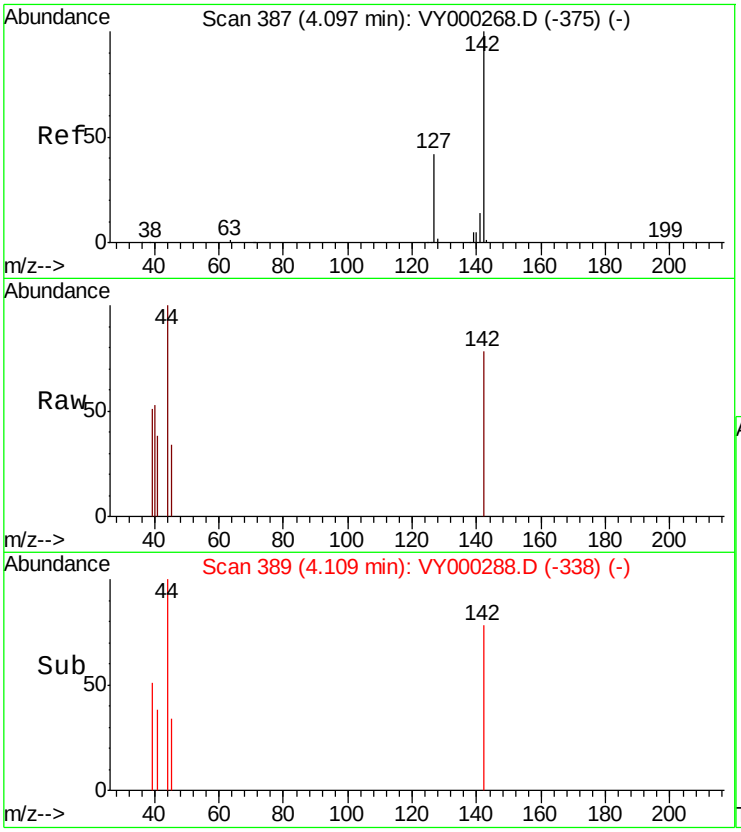


#5
Bromomethane
Concen: Below Cal
RT: 2.68 min Scan# 155
Delta R.T. 0.04 min
Lab File: VY000288.D
Acq: 11 Oct 2019 22:03

Tgt Ion: 94 Resp: 50

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.2	111.2#



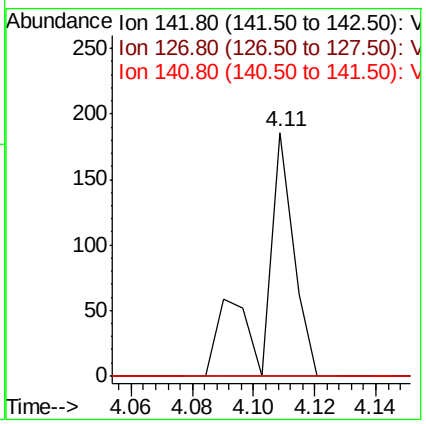


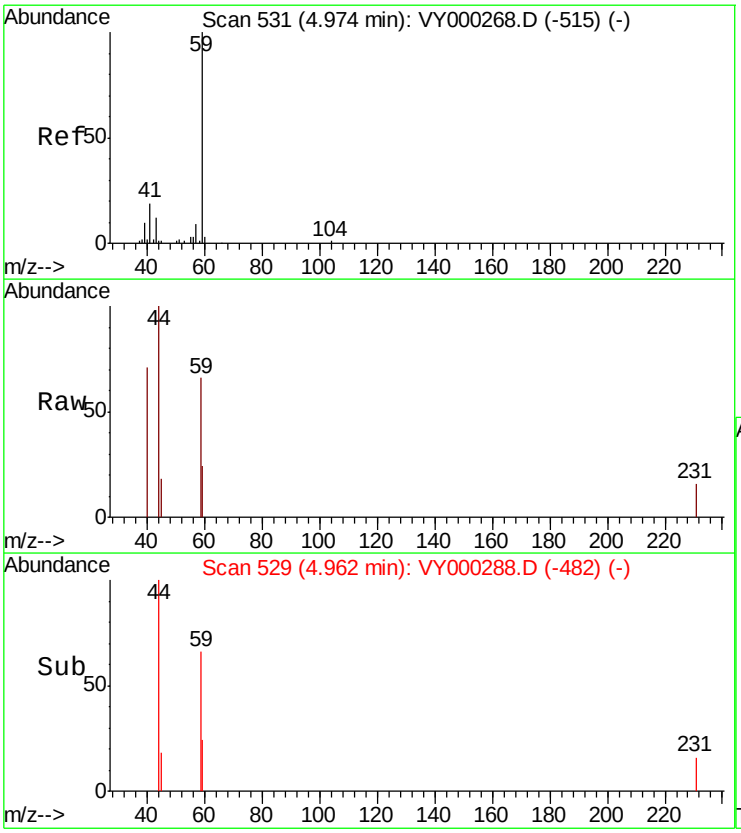
#10
Methyl Iodide
Concen: 1.227 ug/l
RT: 4.11 min Scan# 389
Delta R.T. 0.01 min
Lab File: VY000288.D
Acq: 11 Oct 2019 22:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:142 Resp: 131

Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.9	50.9#
141	0.0	11.2	16.8#

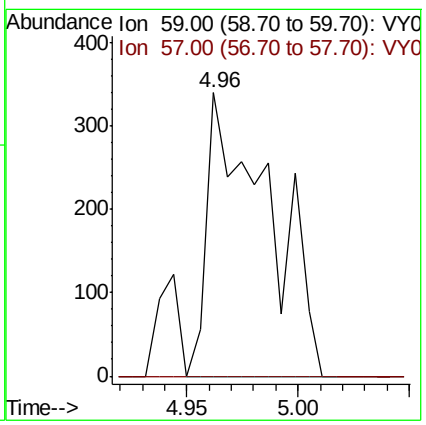


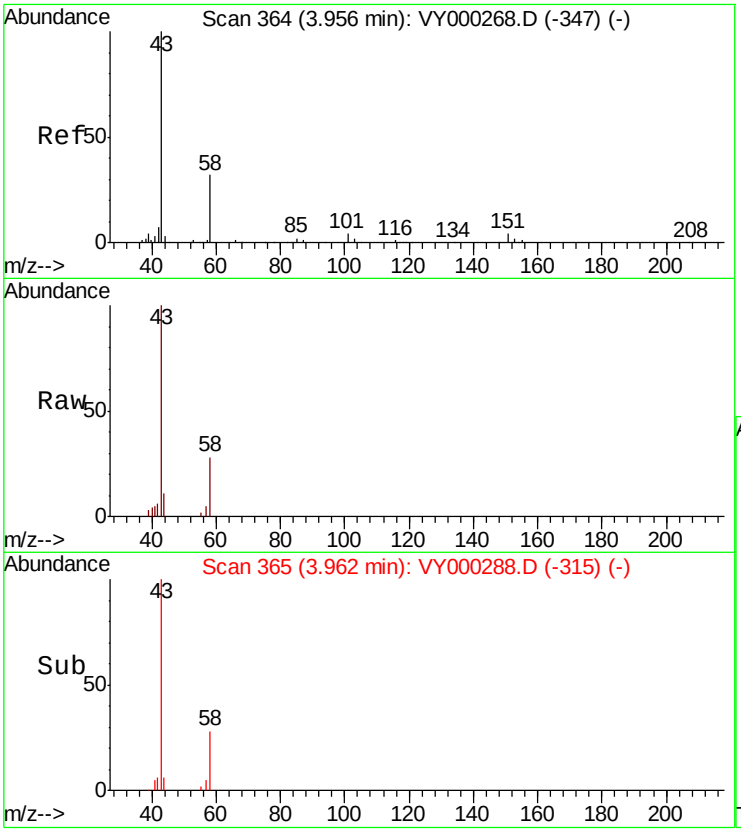


#11
Tert butyl alcohol
Concen: 2.771 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY000288.D
Acq: 11 Oct 2019 22:03

Tgt Ion: 59 Resp: 648

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#



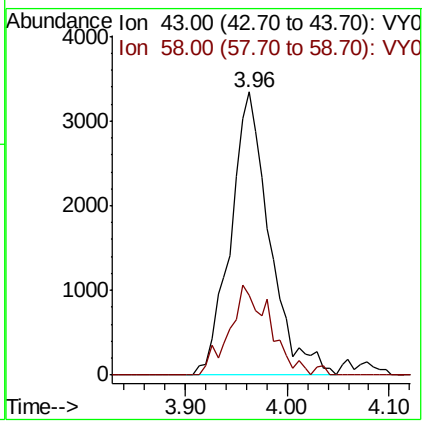


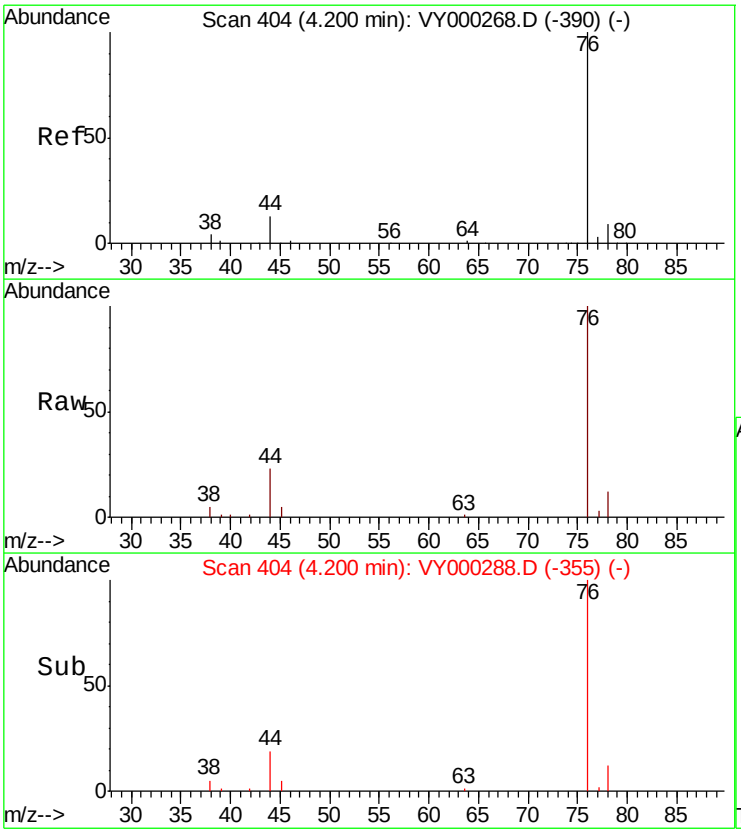
#16
Acetone
Concen: 12.256 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY000288.D
Acq: 11 Oct 2019 22:03

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 8868

Ion	Ratio	Lower	Upper
43	100		
58	28.2	25.8	38.6

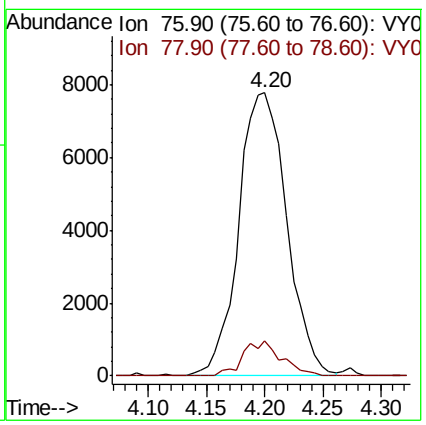


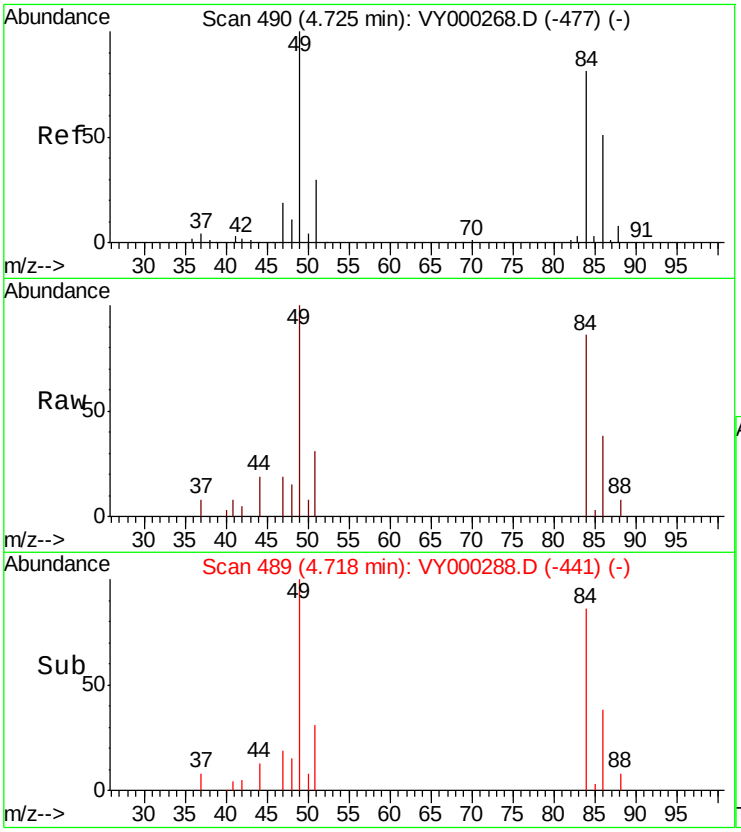


#17
Carbon Disulfide
Concen: 3.309 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY000288.D
Acq: 11 Oct 2019 22:03

Tgt Ion: 76 Resp: 22291

Ion	Ratio	Lower	Upper
76	100		
78	12.3	7.0	10.4#



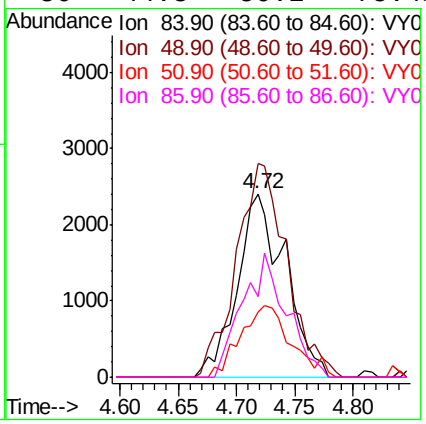


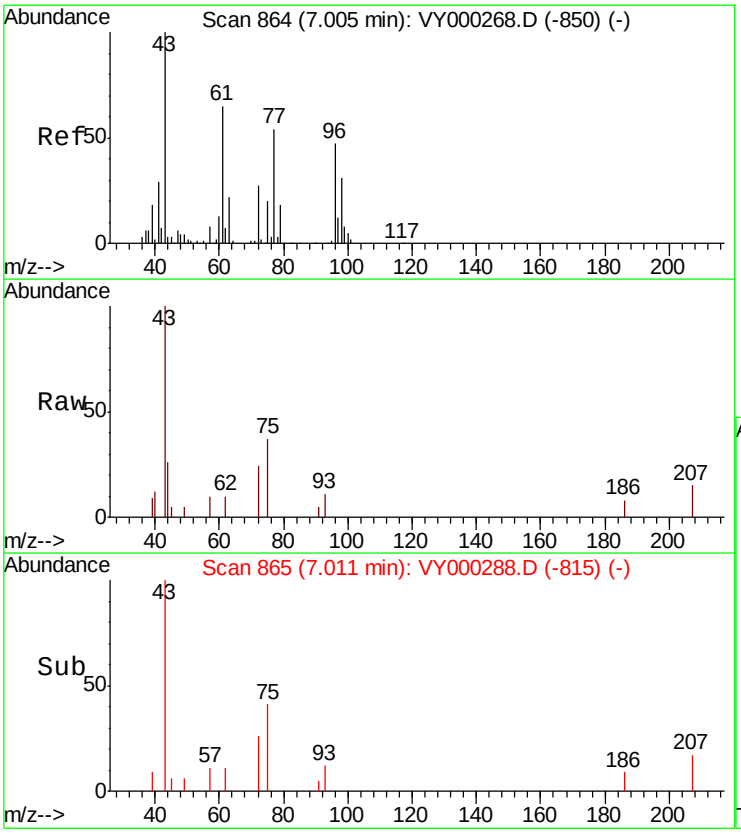
#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000288.D
Acq: 11 Oct 2019 22:03

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 6863

Ion	Ratio	Lower	Upper
84	100		
49	116.4	99.0	148.4
51	35.6	29.3	43.9
86	44.3	50.2	75.4#

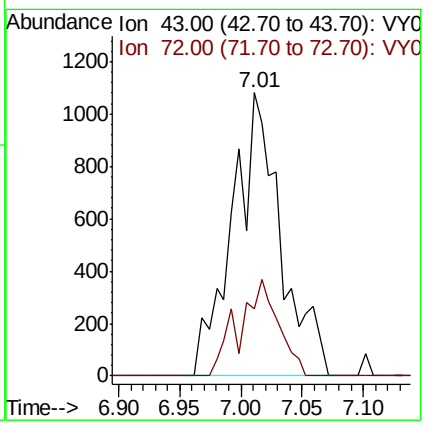


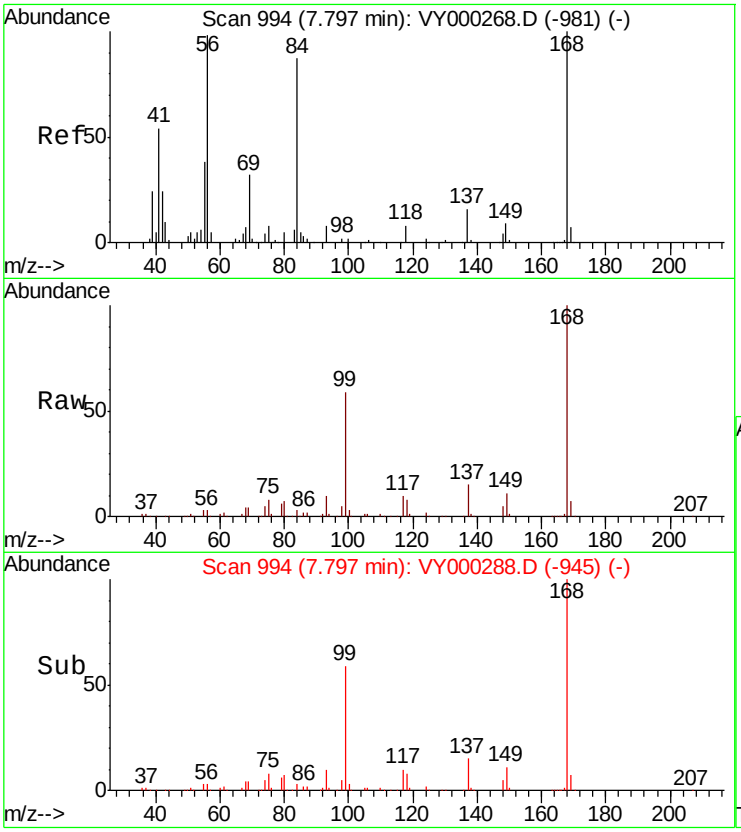


#25
2-Butanone
Concen: 2.911 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY000288.D
Acq: 11 Oct 2019 22:03

Tgt Ion: 43 Resp: 2967

Ion	Ratio	Lower	Upper
43	100		
72	23.9	21.4	32.2



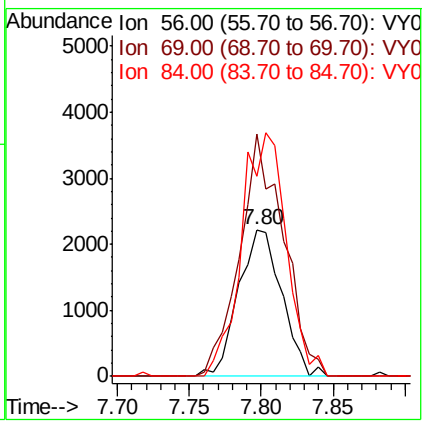


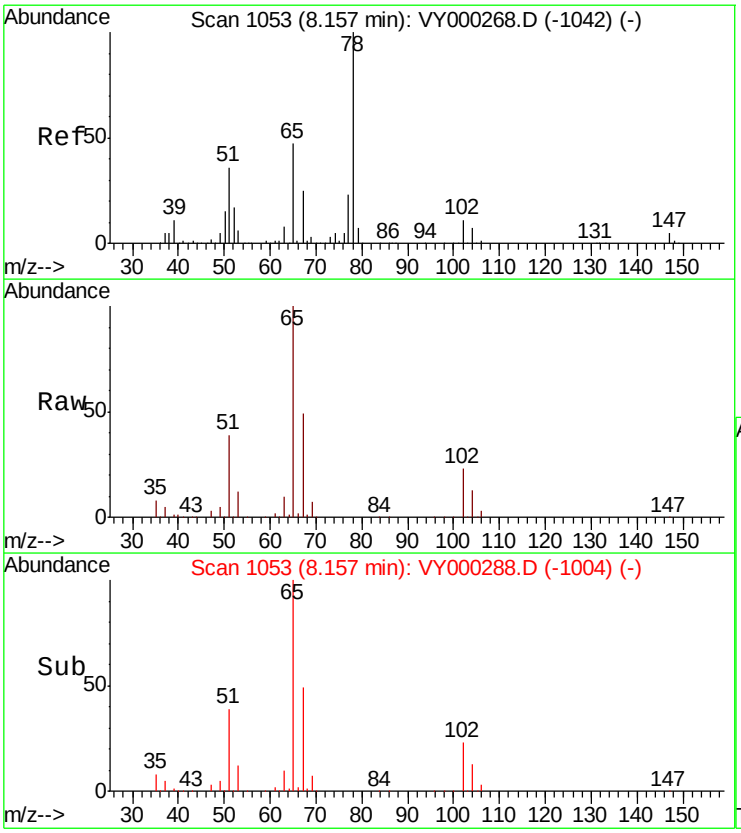
#31
Cyclohexane
Concen: 1.086 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.00 min
Lab File: VY000288.D
Acq: 11 Oct 2019 22:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 4644

Ion	Ratio	Lower	Upper
56	100		
69	164.7	26.3	39.5#
84	135.8	70.8	106.2#

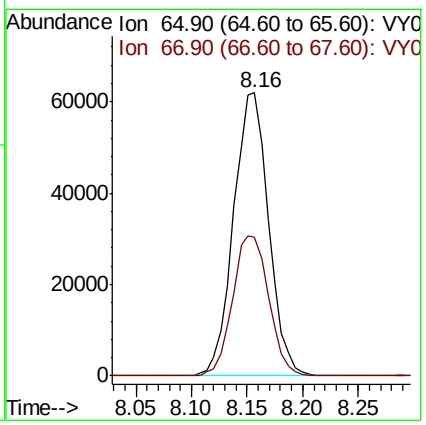


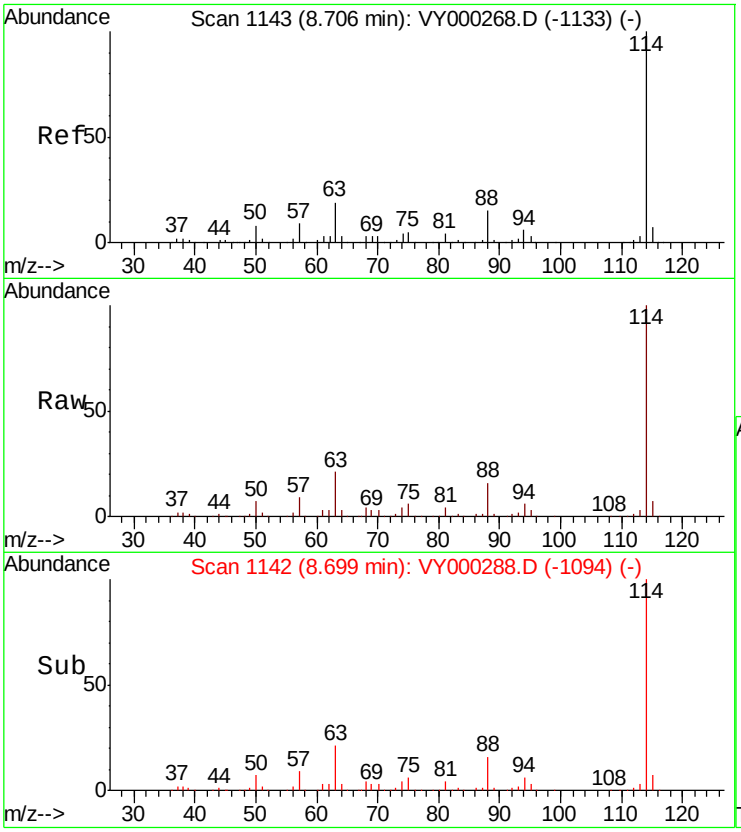


#33
1,2-Dichloroethane-d4
Concen: 60.524 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VY000288.D
Acq: 11 Oct 2019 22:03

Tgt Ion: 65 Resp: 135235

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	109.4



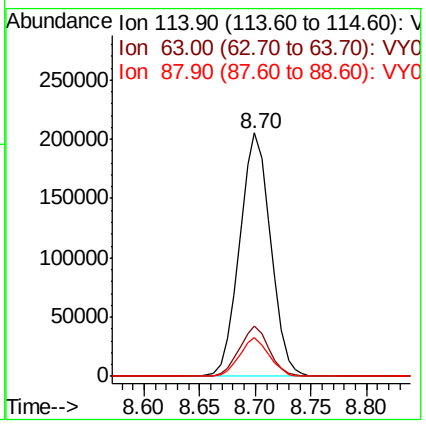


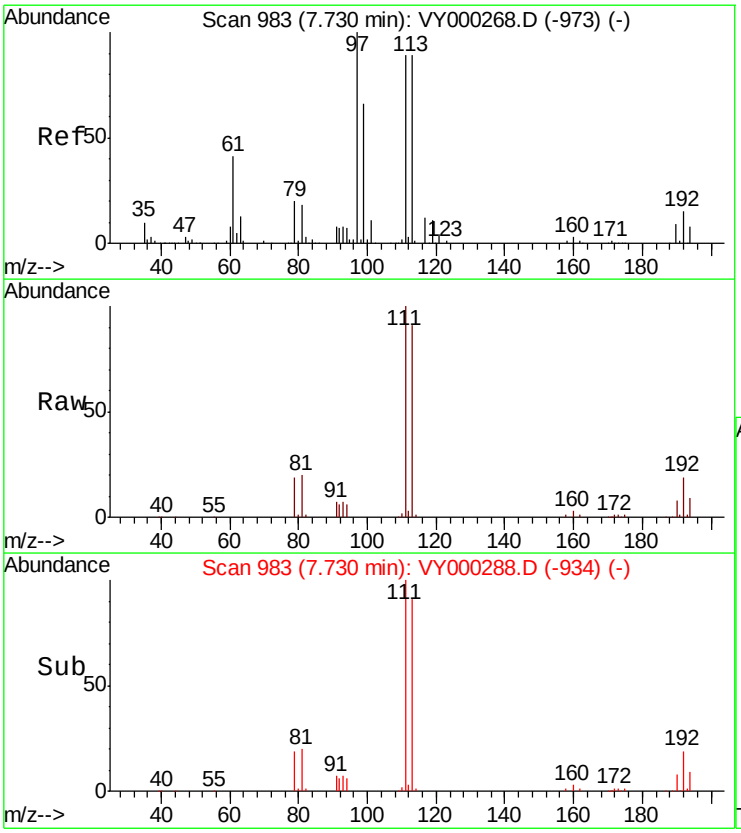
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000288.D
Acq: 11 Oct 2019 22:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 397629

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	37.2
88	16.1	0.0	30.2

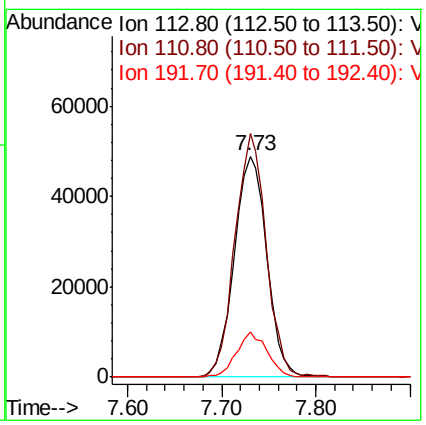


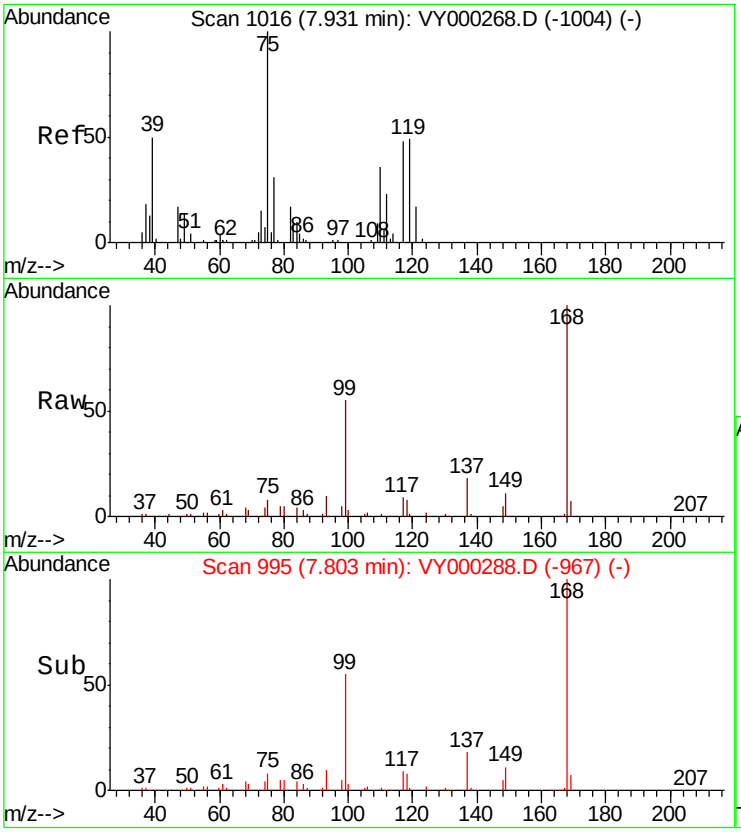


#35
Dibromofluoromethane
Concen: 49.259 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000288.D
Acq: 11 Oct 2019 22:03

Tgt Ion:113 Resp: 118149

Ion	Ratio	Lower	Upper
113	100		
111	105.4	81.6	122.4
192	19.2	15.3	22.9



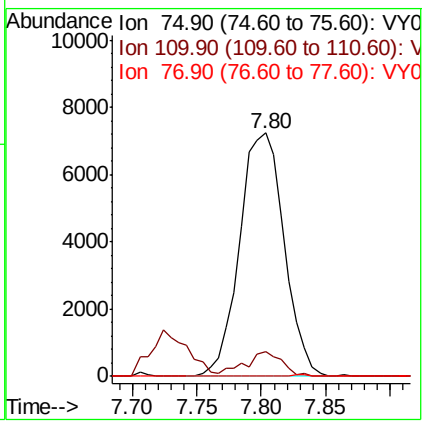


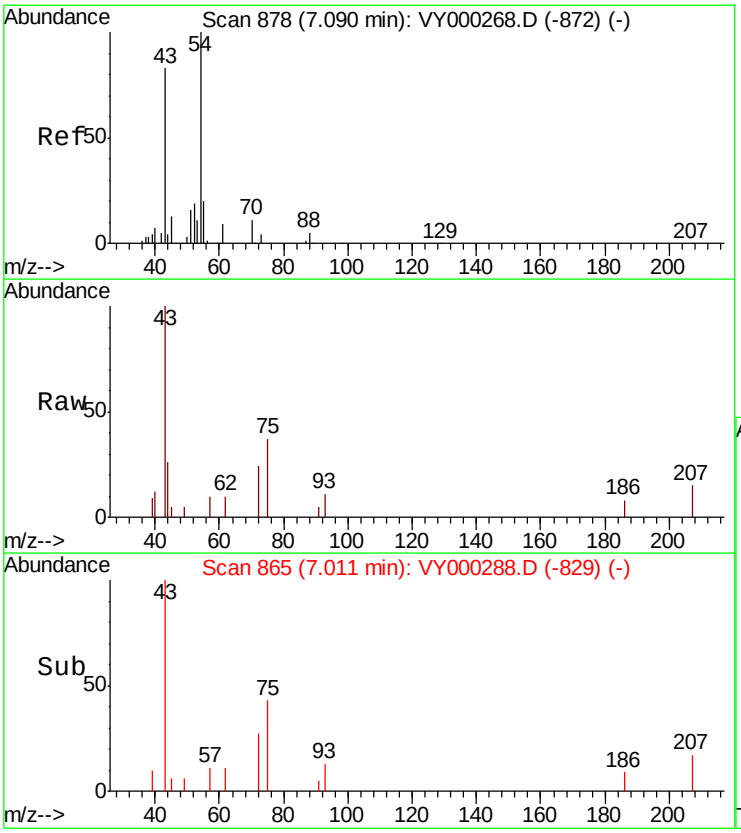
#36
1,1-Dichloropropene
Concen: 4.445 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.13 min
Lab File: VY000288.D
Acq: 11 Oct 2019 22:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 17303

Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.4	55.4#
77	0.0	25.0	37.6#

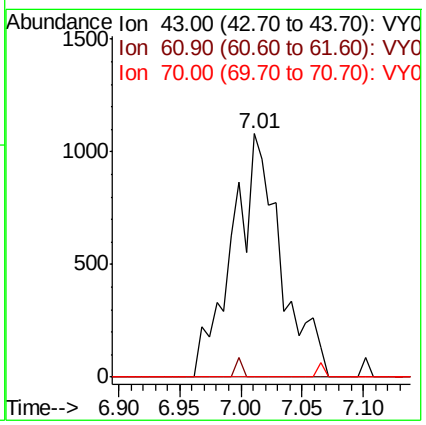


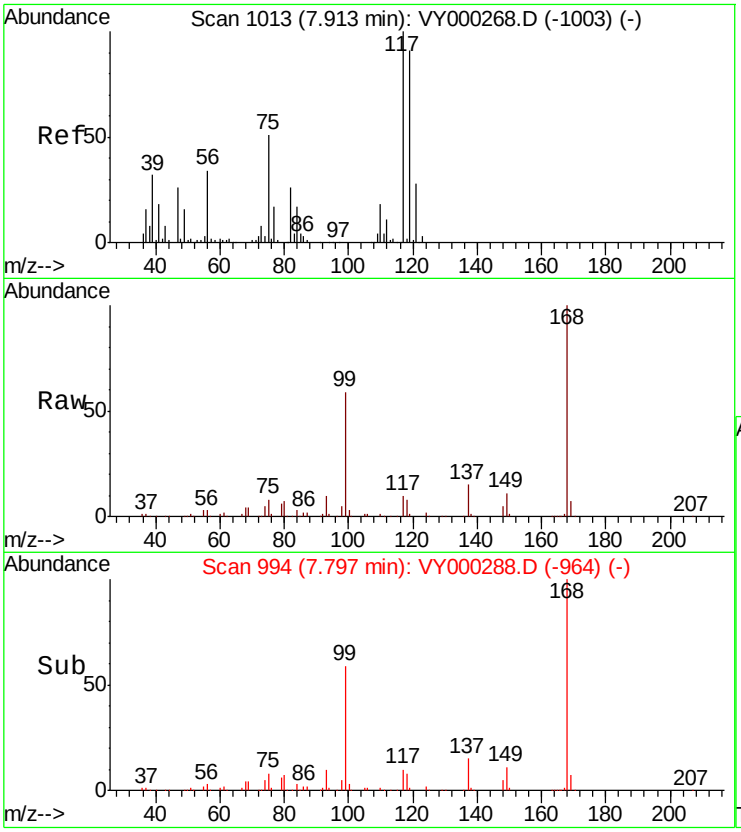


#37
Ethyl Acetate
Concen: 1.287 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.08 min
Lab File: VY000288.D
Acq: 11 Oct 2019 22:03

Tgt Ion: 43 Resp: 2967

Ion	Ratio	Lower	Upper
43	100		
61	1.1	12.1	18.1#
70	0.0	8.7	13.1#



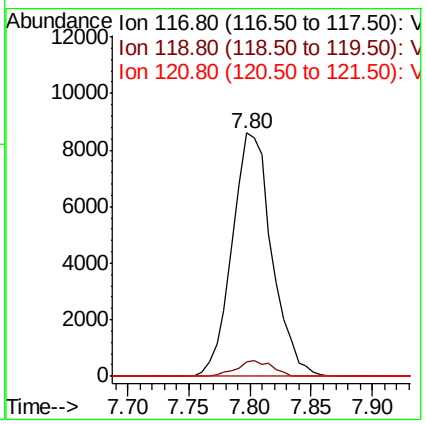


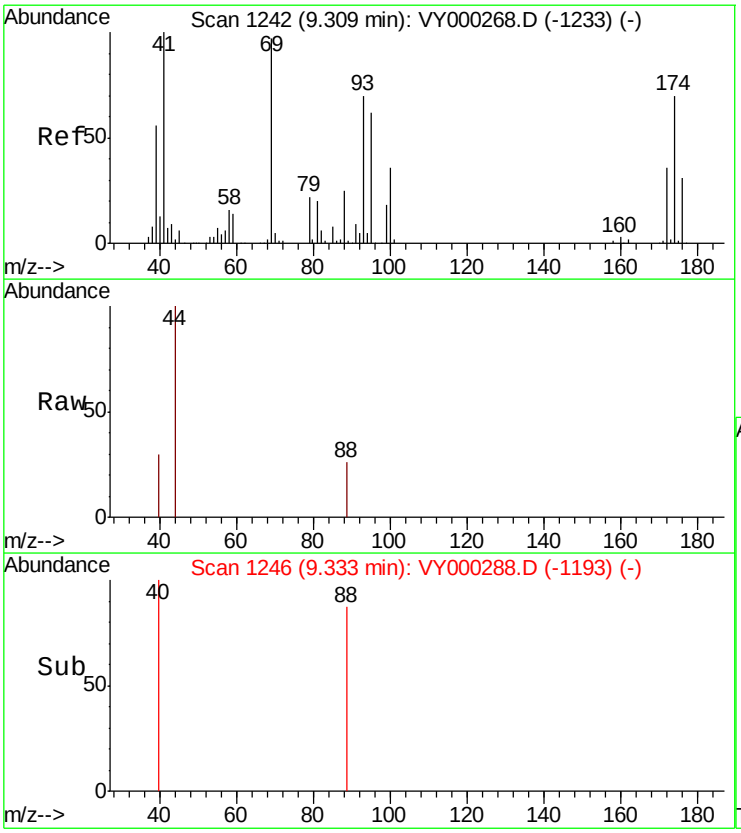
#38
Carbon Tetrachloride
Concen: 5.141 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000288.D
Acq: 11 Oct 2019 22:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 19377

Ion	Ratio	Lower	Upper
117	100		
119	6.2	72.8	109.2#
121	0.0	22.2	33.2#

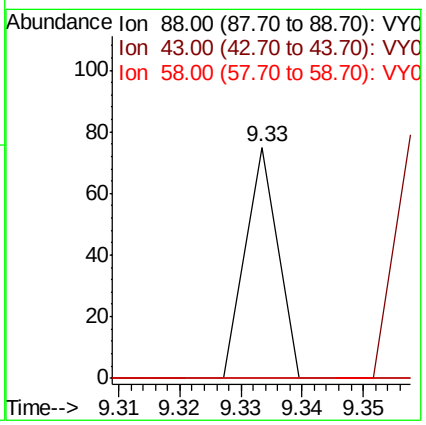


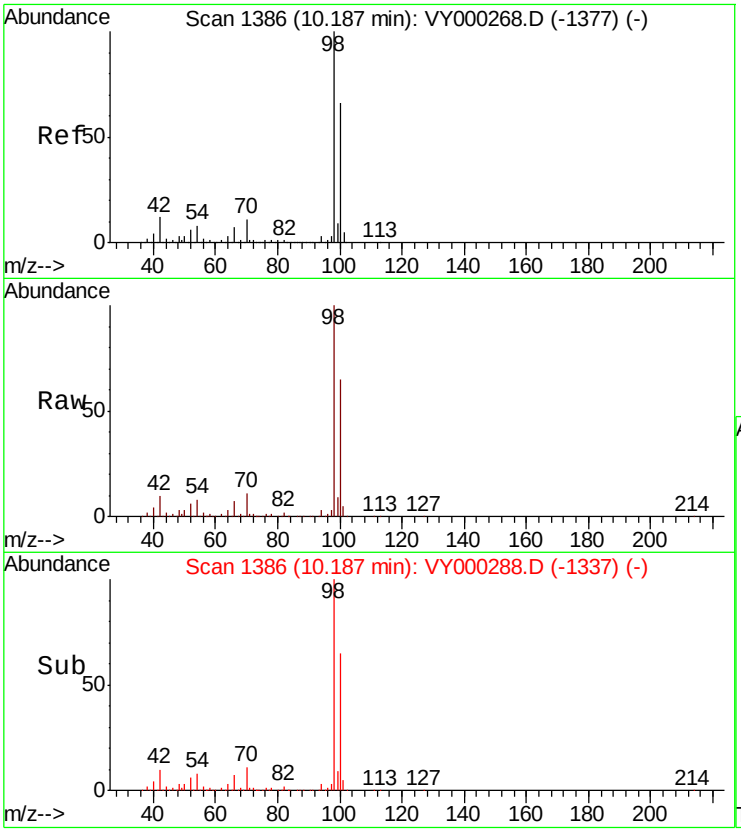


#49
1,4-Dioxane
Concen: 1.167 ug/l
RT: 9.33 min Scan# 1246
Delta R.T. 0.02 min
Lab File: VY000288.D
Acq: 11 Oct 2019 22:03

Tgt Ion: 88 Resp: 27

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.6	38.4#
58	0.0	54.6	81.8#



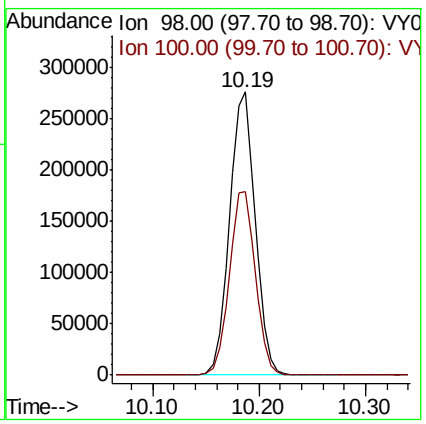


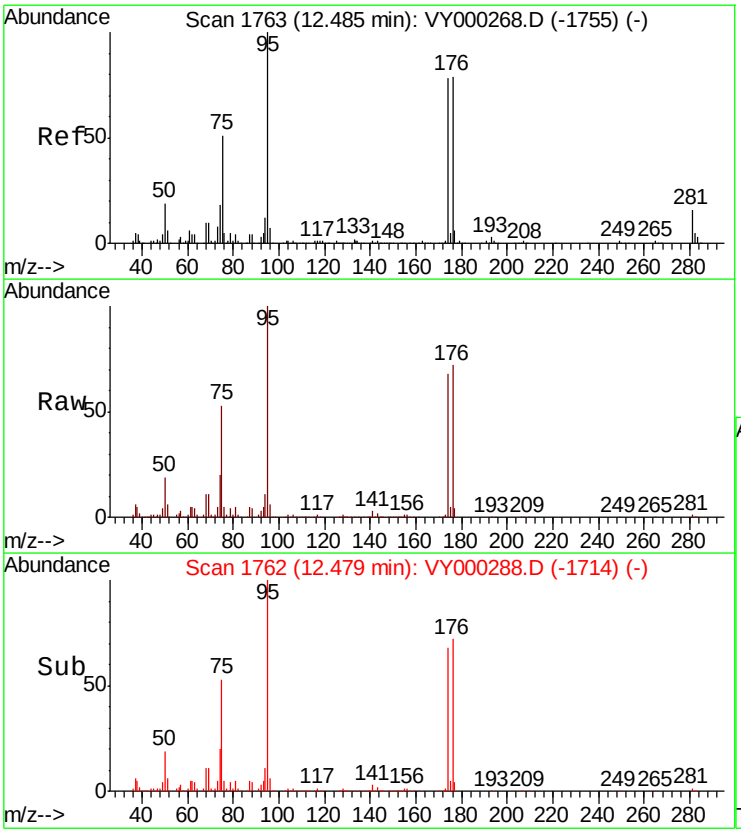
#50
Toluene-d8
Concen: 50.704 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000288.D
Acq: 11 Oct 2019 22:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 467819

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.8	79.2

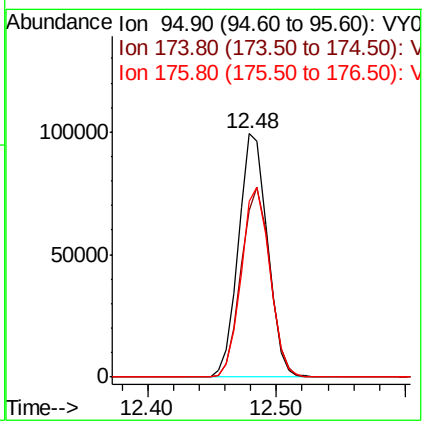


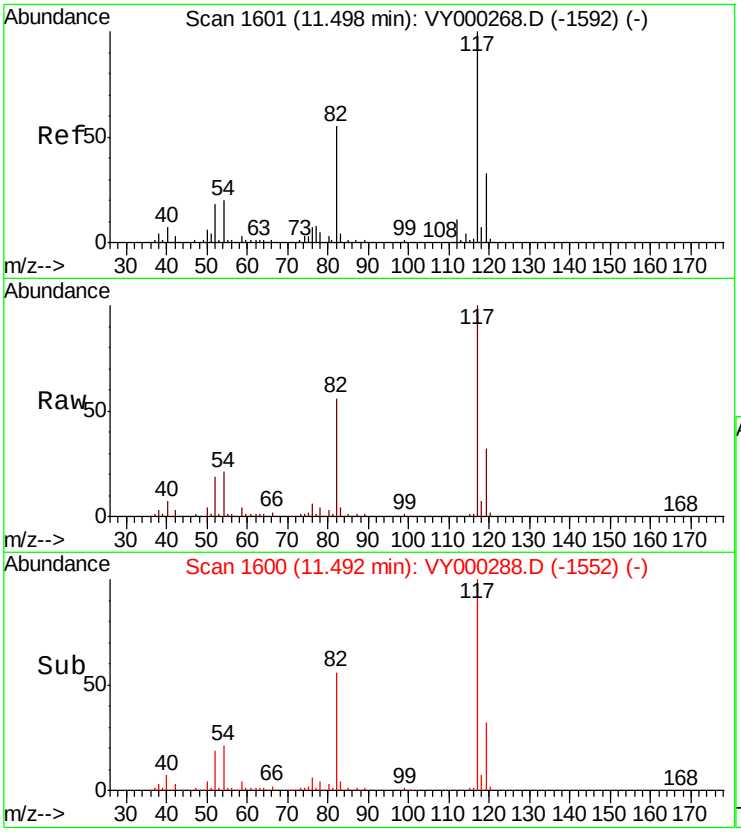


#62
4-Bromofluorobenzene
Concen: 43.986 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000288.D
Acq: 11 Oct 2019 22:03

Tgt Ion: 95 Resp: 154184

Ion	Ratio	Lower	Upper
95	100		
174	77.6	0.0	159.6
176	76.9	0.0	153.8



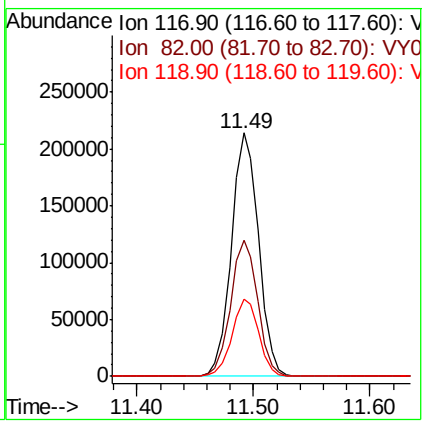


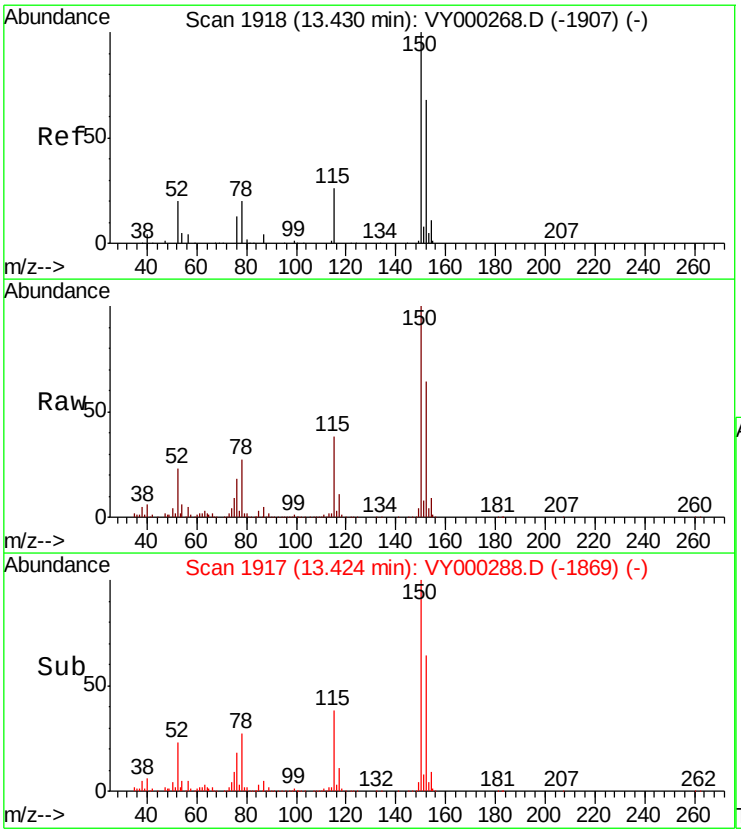
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000288.D
Acq: 11 Oct 2019 22:03

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 346173

Ion	Ratio	Lower	Upper
117	100		
82	56.0	43.7	65.5
119	31.5	26.6	39.8

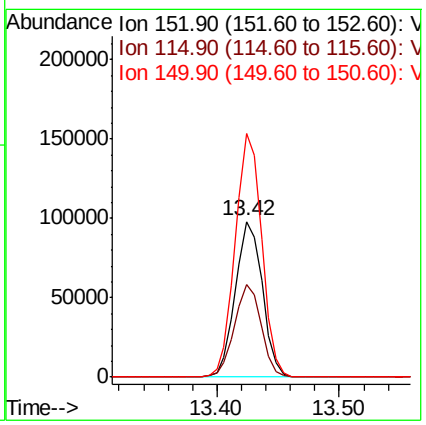


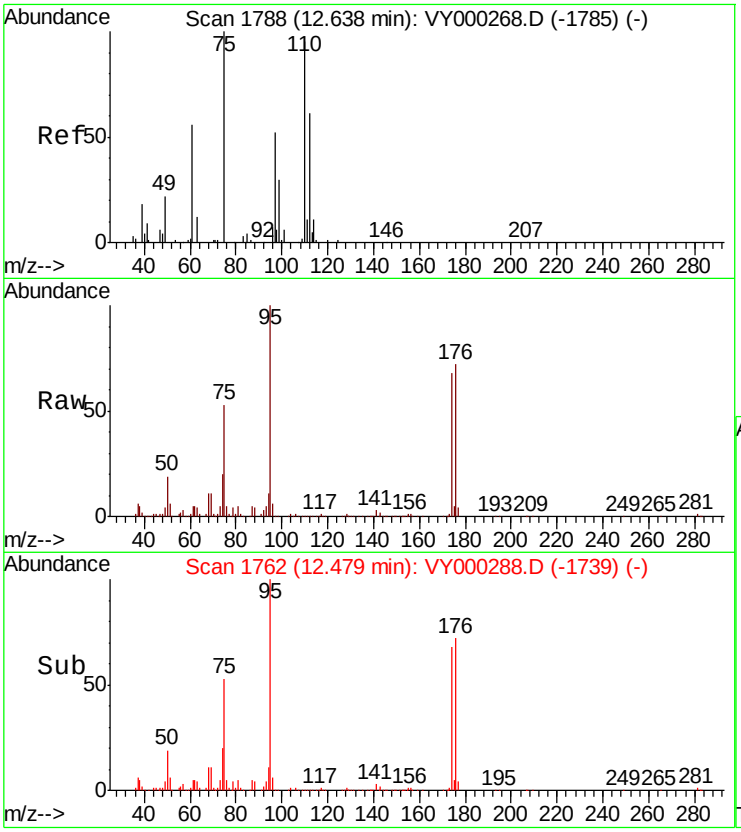


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000288.D
Acq: 11 Oct 2019 22:03

Tgt Ion:152 Resp: 149926

Ion	Ratio	Lower	Upper
152	100		
115	58.5	29.3	88.0
150	153.4	0.0	348.4



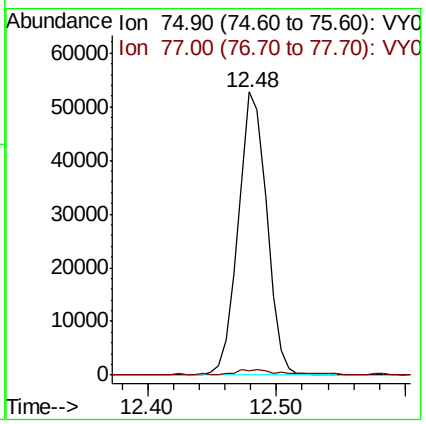


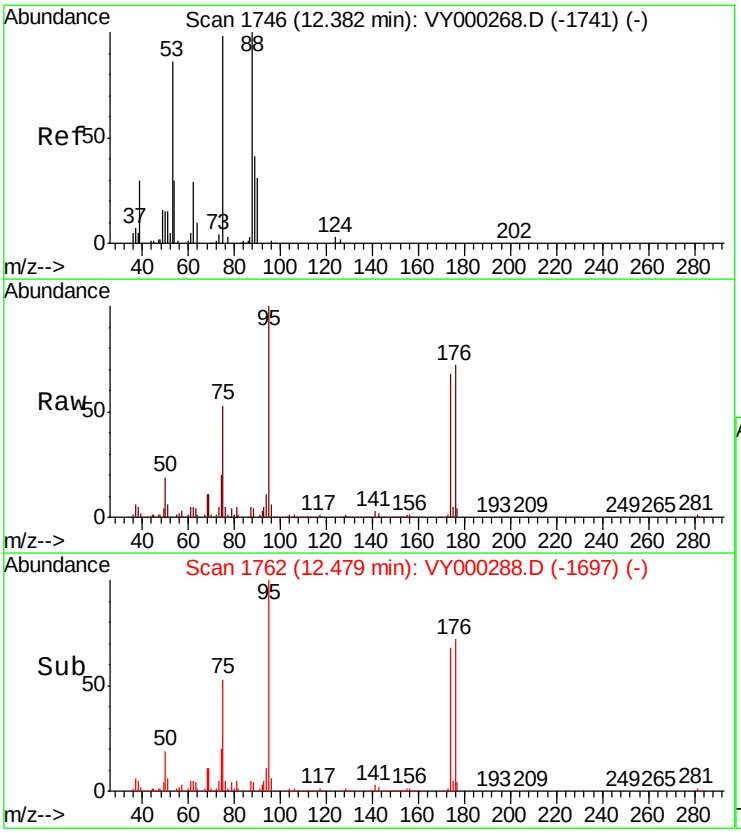
#76
1,2,3-Trichloropropane
Concen: 43.663 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000288.D
Acq: 11 Oct 2019 22:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 80497

Ion	Ratio	Lower	Upper
75	100		
77	3.3	0.0	0.0#

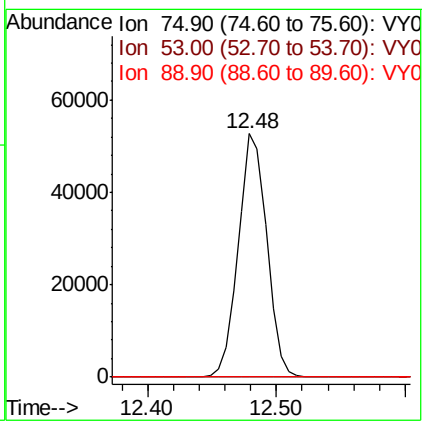


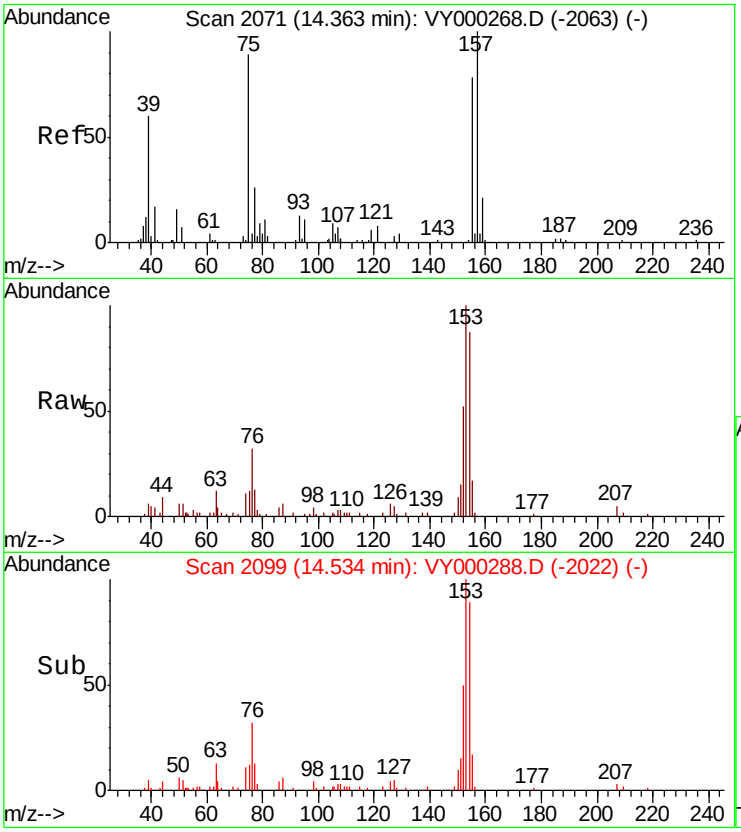


#81
trans-1,4-Dichloro-2-butene
Concen: 95.534 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000288.D
Acq: 11 Oct 2019 22:03

Tgt Ion: 75 Resp: 80497

Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.3	106.9#
89	0.1	35.1	52.7#



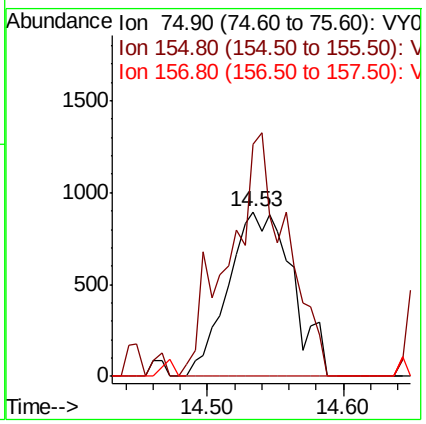


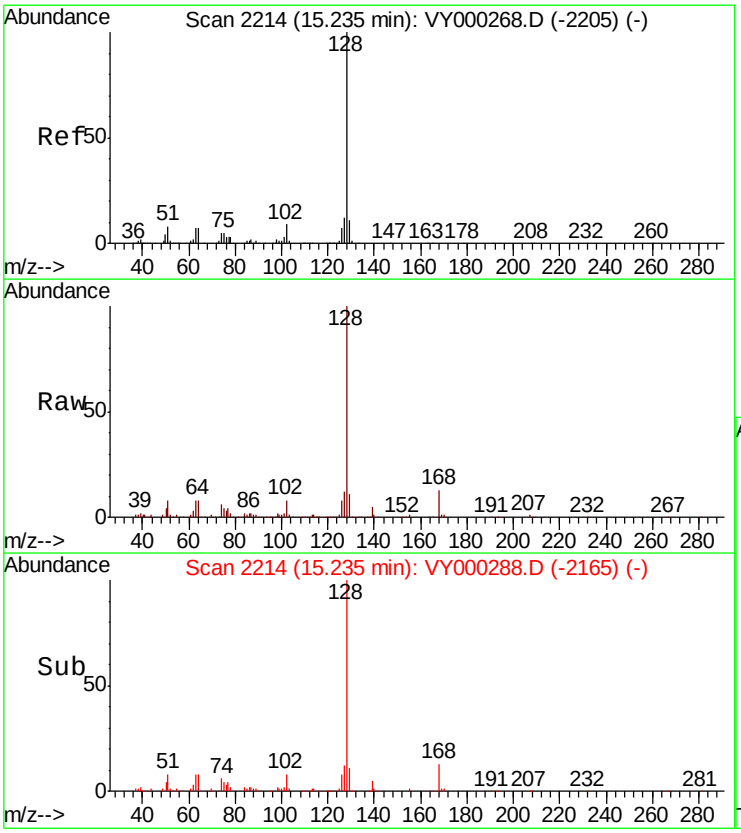
#92
1,2-Dibromo-3-Chloropropane
Concen: 7.096 ug/l
RT: 14.53 min Scan# 2099
Delta R.T. 0.17 min
Lab File: VY000288.D
Acq: 11 Oct 2019 22:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 2954

Ion	Ratio	Lower	Upper
75	100		
155	132.1	45.8	137.3
157	0.0	55.6	166.9#





#95
Naphthalene
Concen: 18.156 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000288.D
Acq: 11 Oct 2019 22:03

Tgt Ion:128 Resp: 130845

Ion	Ratio	Lower	Upper
128	100		
127	12.5	9.6	14.4
129	11.3	8.7	13.1