Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY101519\
Data File : VY000312.D
Acq On : 15 Oct 2019 11:57
Operator : SY/MD
Sample : VY1015SBL01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VY1015SBL01

Quant Time: Oct 15 17:37:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 08:10:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	305159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	517768	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	432177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	189860	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	172474	53.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.16%			
35) Dibromofluoromethane	7.73	113	147296	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.32%			
50) Toluene-d8	10.18	98	599359	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.78%			
62) 4-Bromofluorobenzene	12.48	95	193781	42.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.92%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	400	Below Cal		76
3) Chloromethane	2.11	50	5102	1.368	ug/l #	85
10) Methyl Iodide	4.10	142	85	1.205	ug/l #	68
11) Tert butyl alcohol	4.95	59	1377	4.088	ug/l #	73
16) Acetone	3.96	43	4679	4.489	ug/l	98
20) Methylene Chloride	4.73	84	10875	Below Cal	#	75
25) 2-Butanone	7.01	43	4202	2.862	ug/l #	80
31) Cyclohexane	7.80	56	7227	1.174	ug/l #	35
36) 1,1-Dichloropropene	7.80	75	25500	5.030	ug/l #	48
38) Carbon Tetrachloride	7.80	117	29331	5.976	ug/l #	20
51) 4-Methyl-2-Pentanone	10.08	43	5195	1.765	ug/l #	84
59) 2-Hexanone	10.83	43	4245	2.054	ug/l	94
76) 1,2,3-Trichloropropane	12.48	75	98831	42.333	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	98831	92.622	ug/l #	14
95) Naphthalene	15.23	128	15011	1.645	ug/l	97

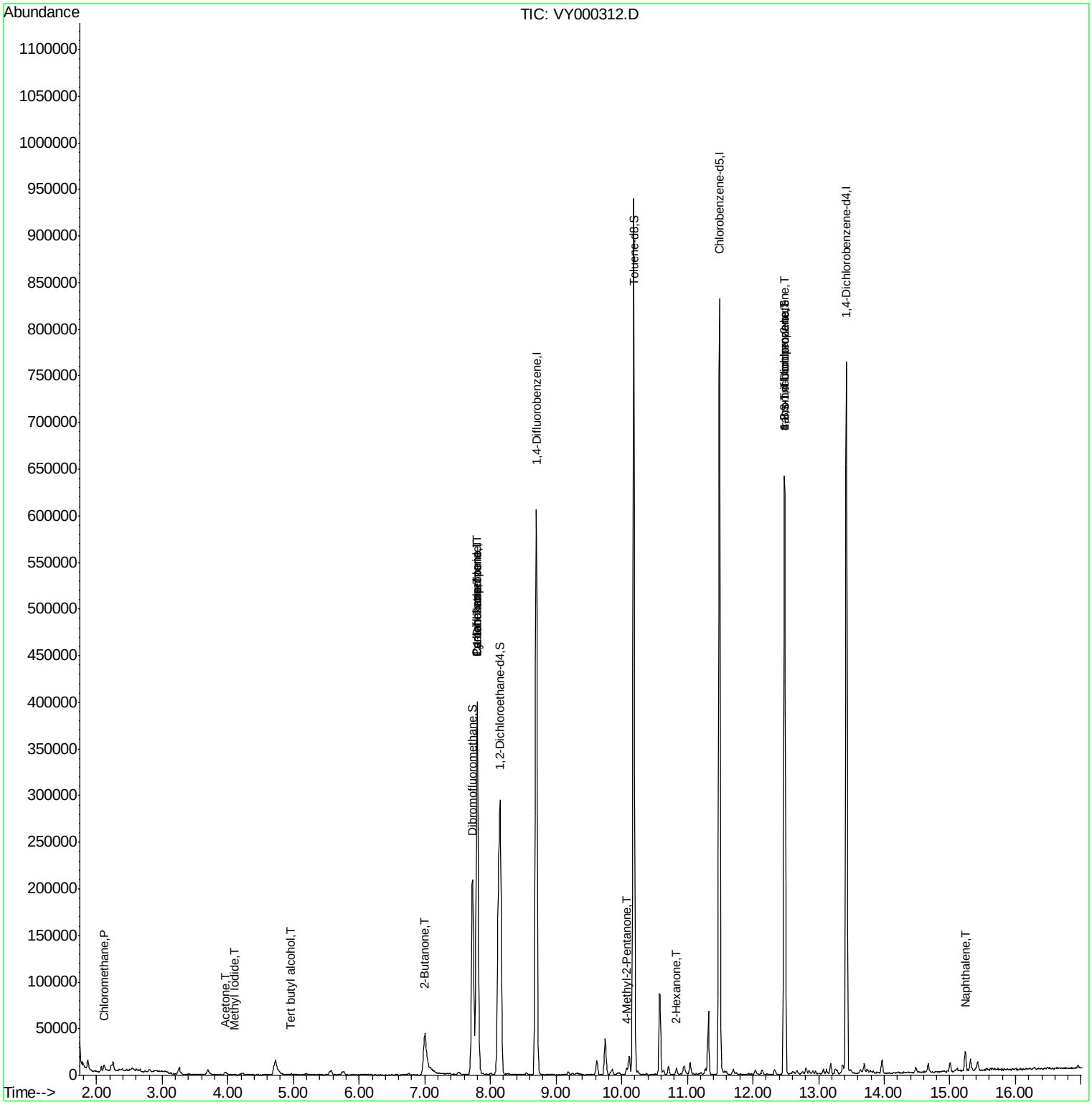
(#) = qualifier out of range (m) = manual integration (+) = signals summed

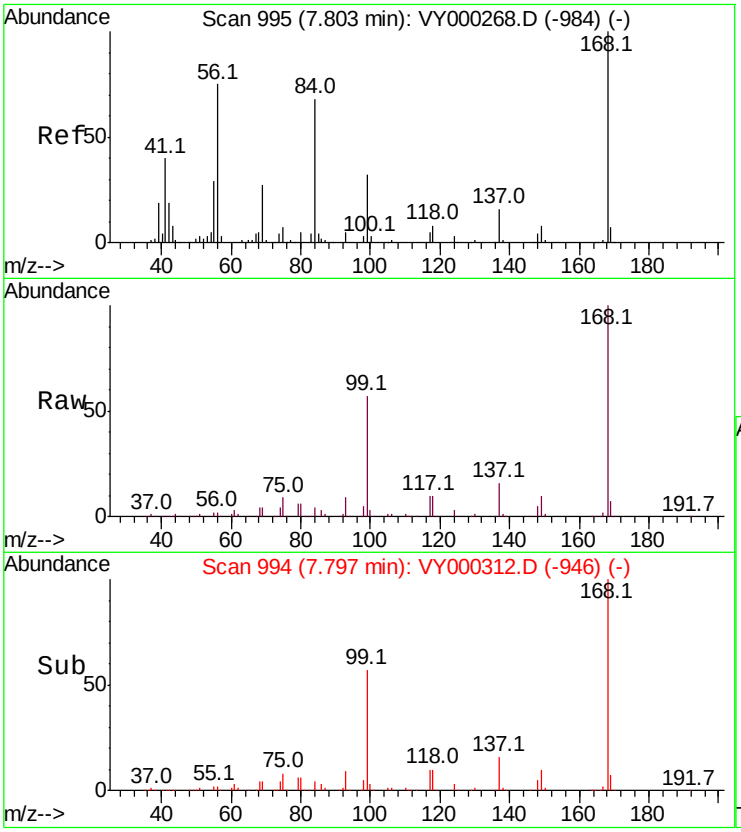
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY101519\
Data File : VY000312.D
Acq On : 15 Oct 2019 11:57
Operator : SY/MD
Sample : VY1015SBL01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VY1015SBL01

Quant Time: Oct 15 17:37:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 08:10:23 2019
Response via : Initial Calibration



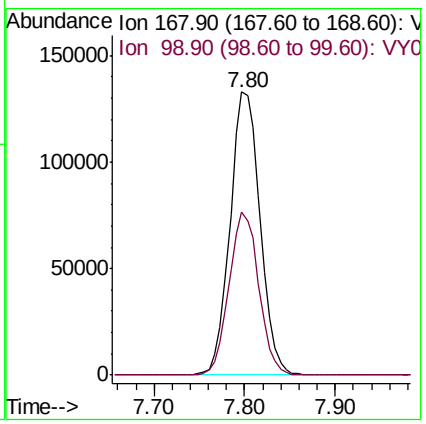


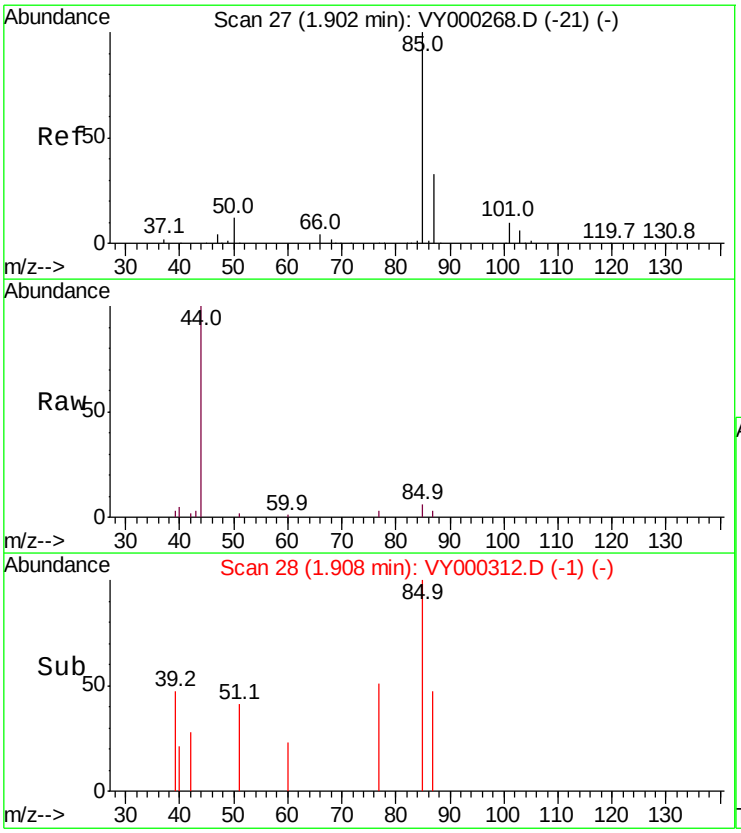
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY000312.D
Acq: 15 Oct 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VY1015SBL01

Tgt Ion:168 Resp: 305159

Ion	Ratio	Lower	Upper
168	100		
99	57.5	46.6	69.8

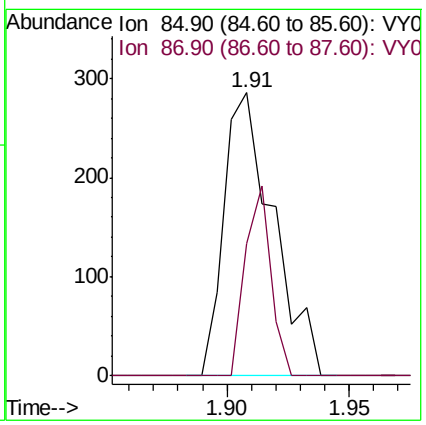


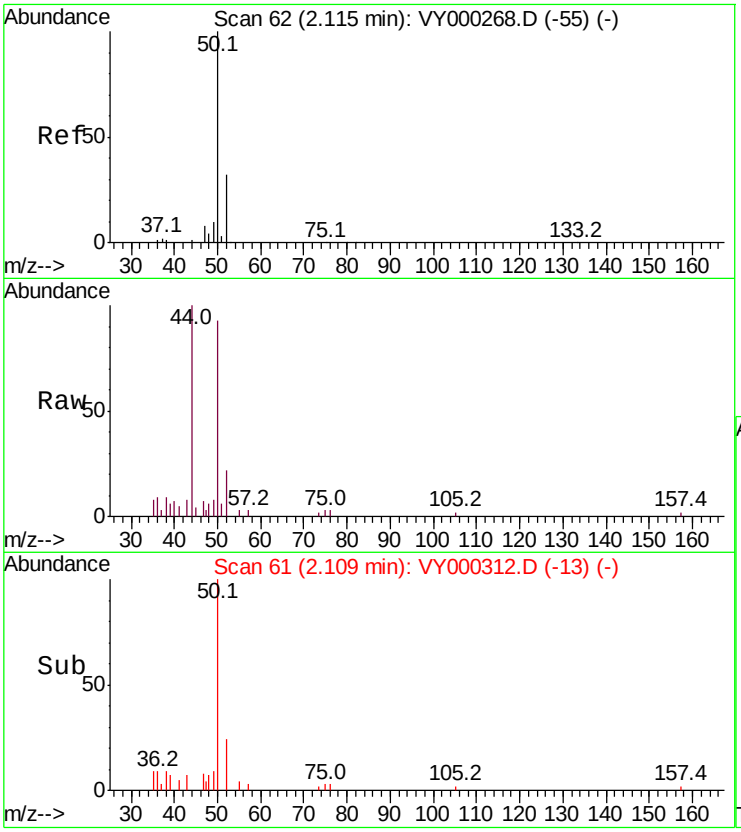


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.91 min Scan# 28
Delta R.T. 0.01 min
Lab File: VY000312.D
Acq: 15 Oct 2019 11:57

Tgt Ion: 85 Resp: 400

Ion	Ratio	Lower	Upper
85	100		
87	46.9	16.6	49.8



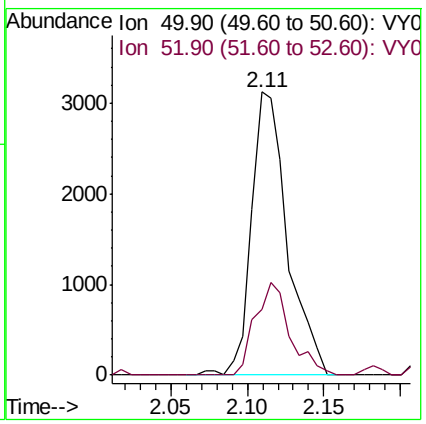


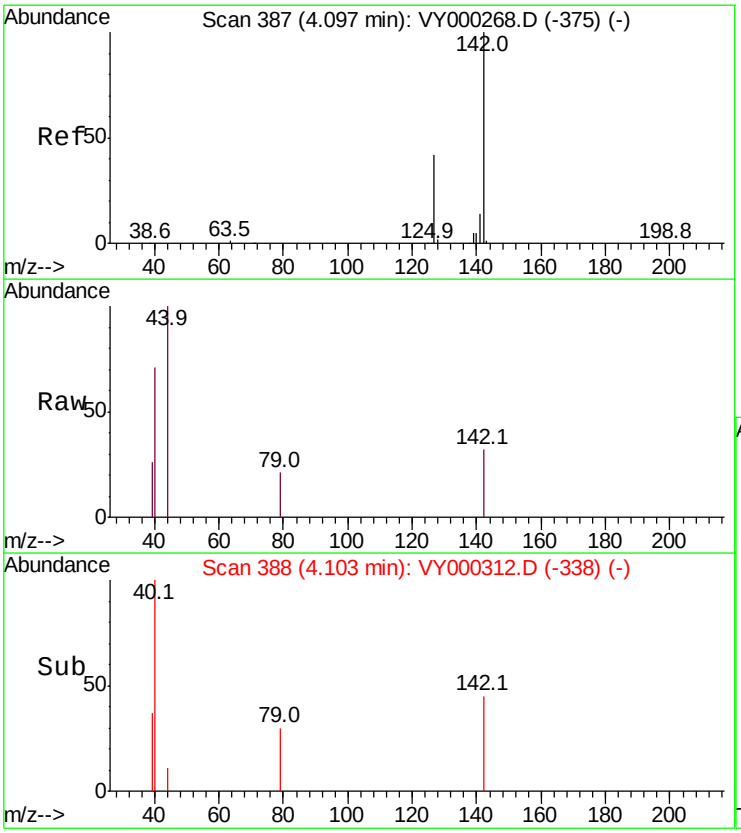
#3
Chloromethane
Concen: 1.368 ug/l
RT: 2.11 min Scan# 61
Delta R.T. -0.01 min
Lab File: VY000312.D
Acq: 15 Oct 2019 11:57

Instrument : MSVOA_Y
ClientSampleId : VY1015SBL01

Tgt Ion: 50 Resp: 5102

Ion	Ratio	Lower	Upper
50	100		
52	23.2	25.3	37.9#

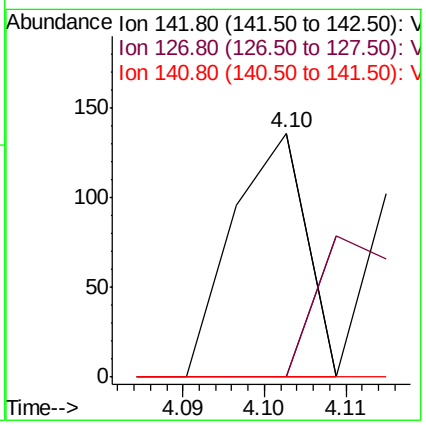


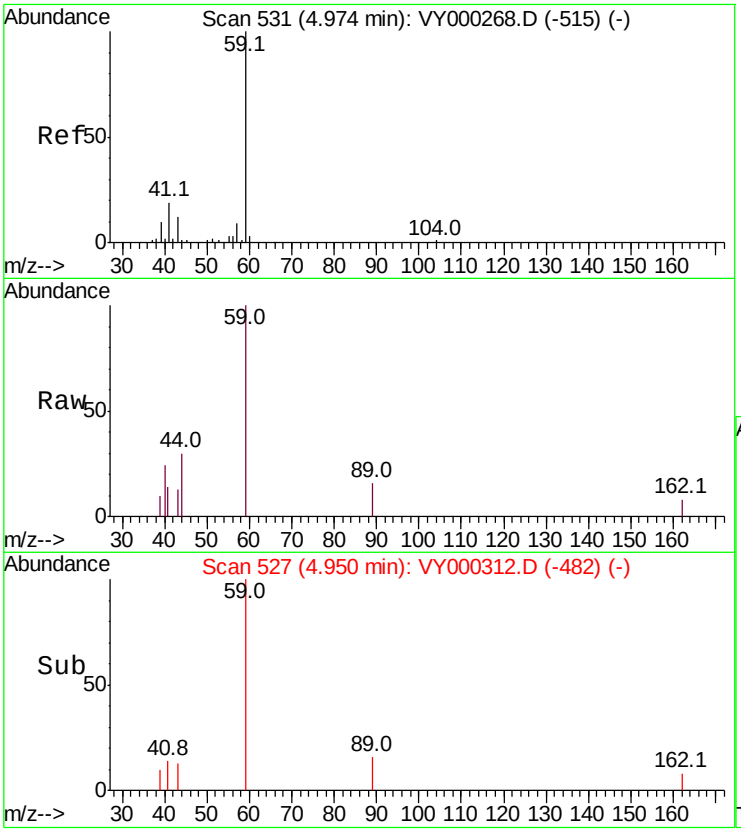


#10
Methyl Iodide
Concen: 1.205 ug/l
RT: 4.10 min Scan# 388
Delta R.T. 0.01 min
Lab File: VY000312.D
Acq: 15 Oct 2019 11:57

Tgt Ion:142 Resp: 85

Ion	Ratio	Lower	Upper
142	100		
127	62.4	33.9	50.9#
141	0.0	11.2	16.8#



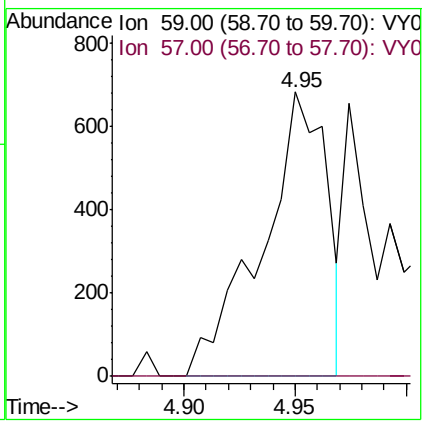


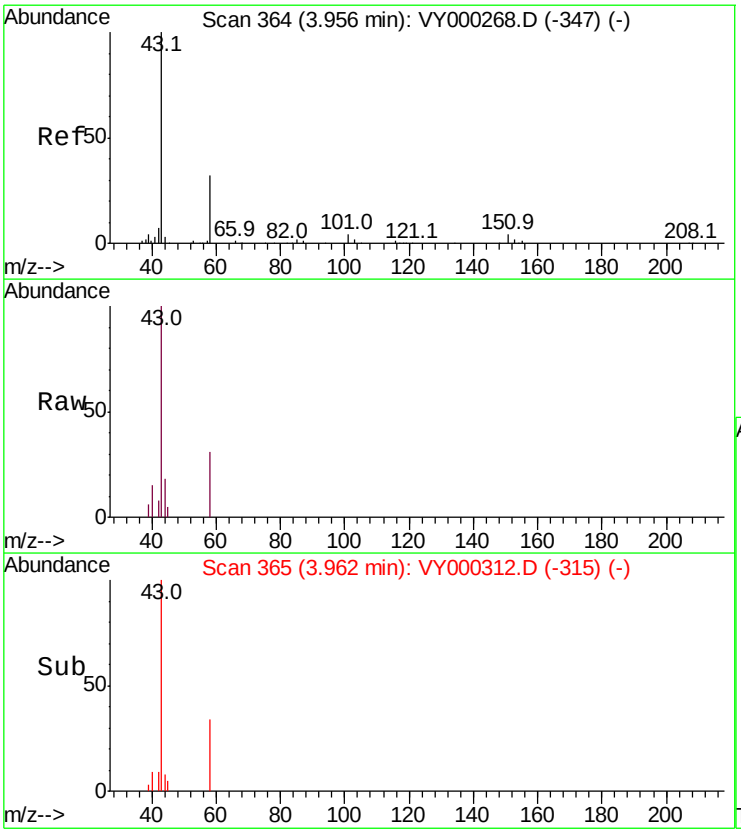
#11
Tert butyl alcohol
Concen: 4.088 ug/l
RT: 4.95 min Scan# 527
Delta R.T. -0.02 min
Lab File: VY000312.D
Acq: 15 Oct 2019 11:57

Instrument : MSVOA_Y
ClientSampleId : VY1015SBL01

Tgt Ion: 59 Resp: 1377

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

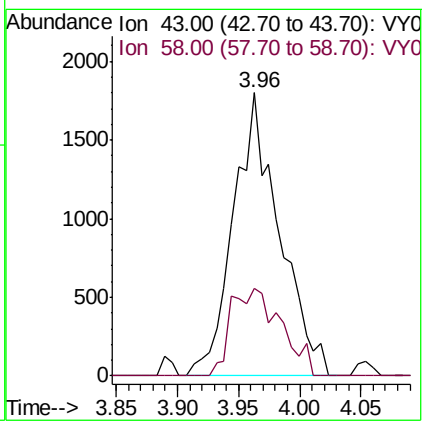


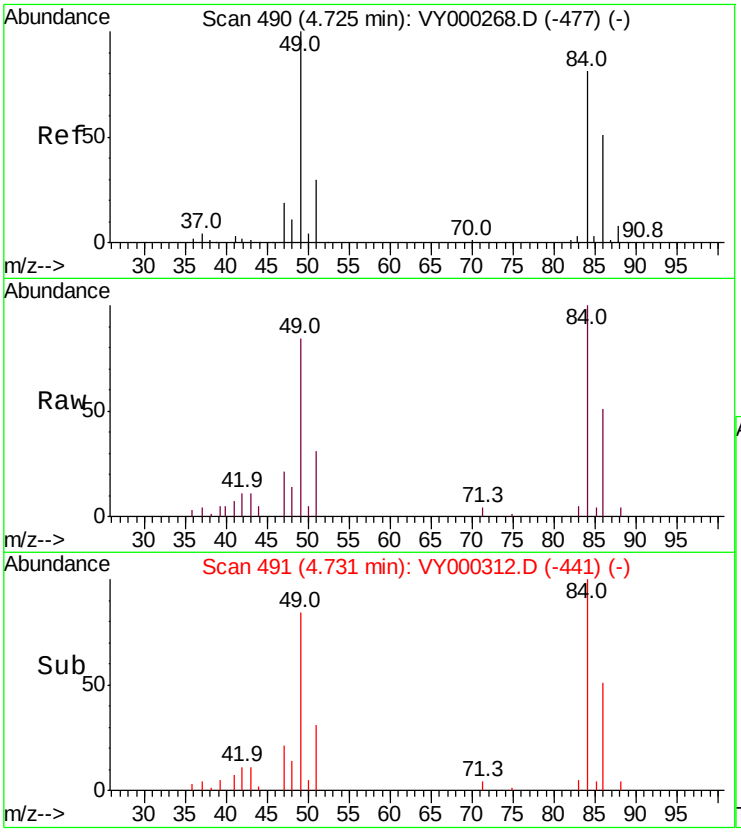


#16
Acetone
Concen: 4.489 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY000312.D
Acq: 15 Oct 2019 11:57

Tgt Ion: 43 Resp: 4679

Ion	Ratio	Lower	Upper
43	100		
58	31.0	25.8	38.6



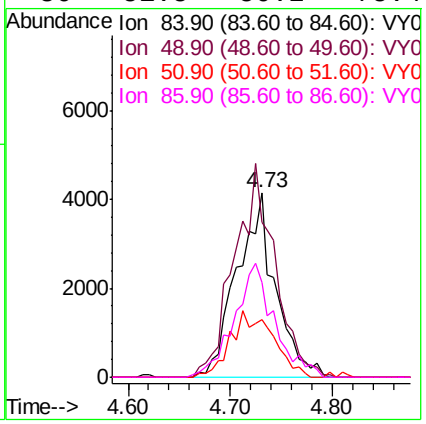


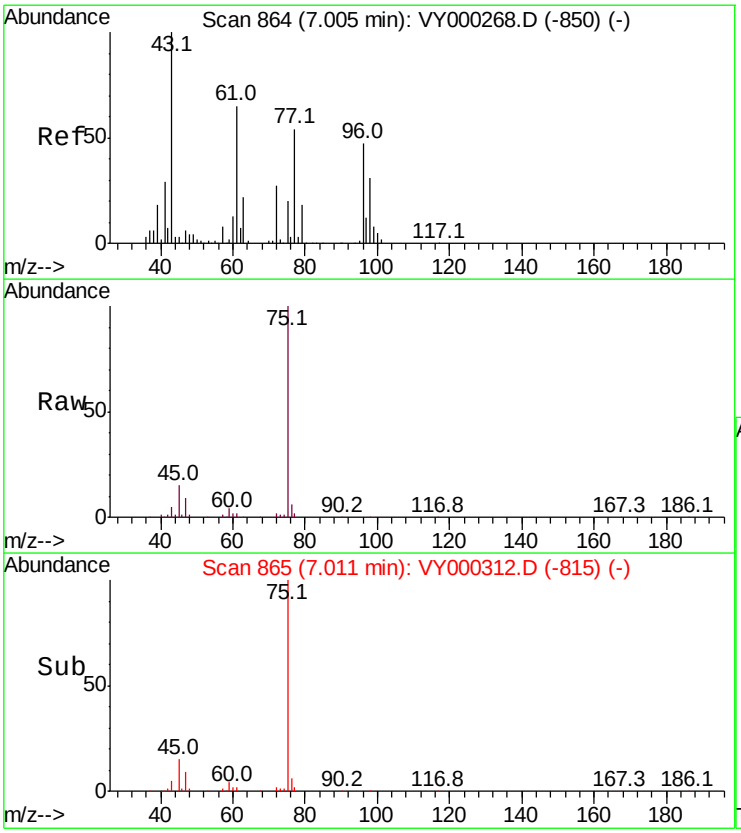
#20
Methylene Chloride
Concen: Below Cal
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000312.D
Acq: 15 Oct 2019 11:57

Instrument : MSVOA_Y
ClientSampleId : VY1015SBL01

Tgt Ion: 84 Resp: 10875

Ion	Ratio	Lower	Upper
84	100		
49	83.7	99.0	148.4#
51	31.5	29.3	43.9
86	51.5	50.2	75.4

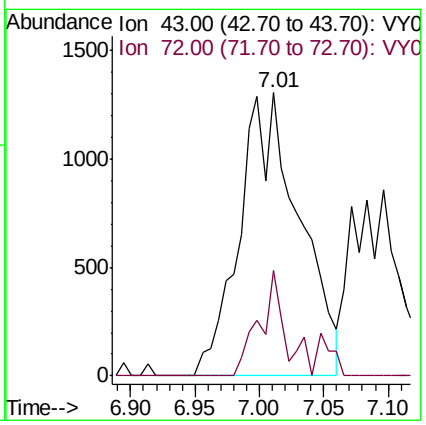


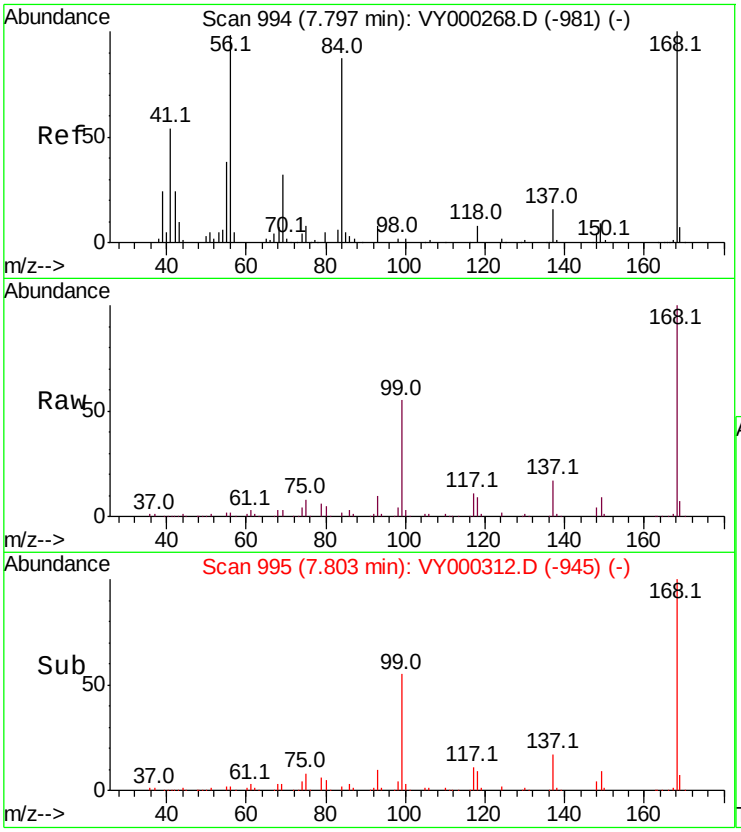


#25
2-Butanone
Concen: 2.862 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY000312.D
Acq: 15 Oct 2019 11:57

Tgt Ion: 43 Resp: 4202

Ion	Ratio	Lower	Upper
43	100		
72	37.2	21.4	32.2#



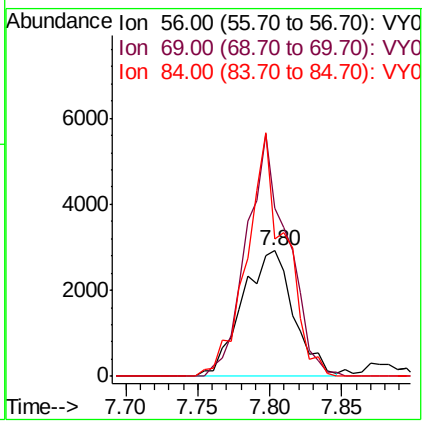


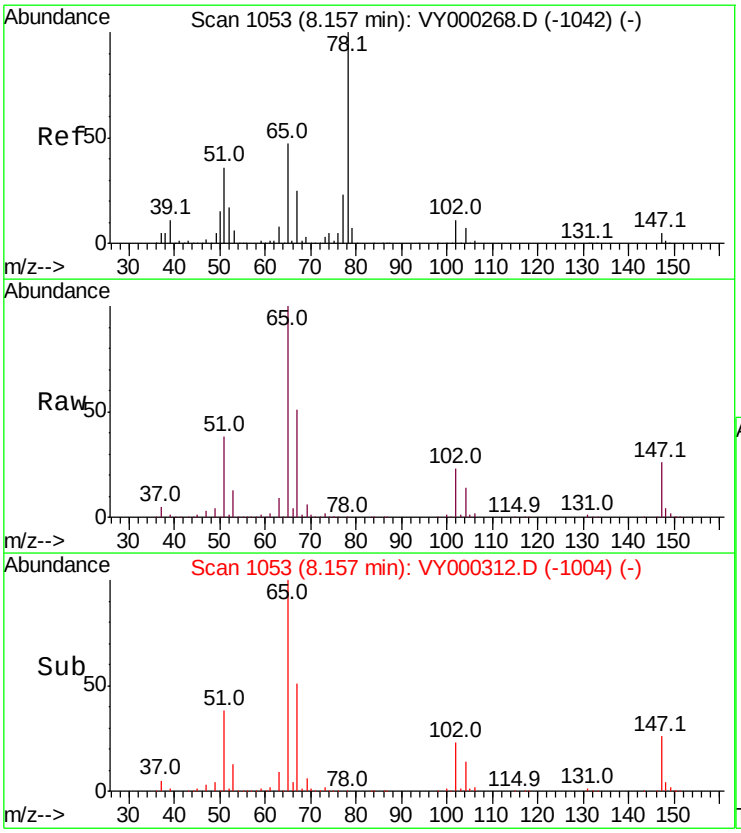
#31
Cyclohexane
Concen: 1.174 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000312.D
Acq: 15 Oct 2019 11:57

Instrument : MSVOA_Y
ClientSampleId : VY1015SBL01

Tgt Ion: 56 Resp: 7227

Ion	Ratio	Lower	Upper
56	100		
69	134.3	26.3	39.5#
84	109.7	70.8	106.2#

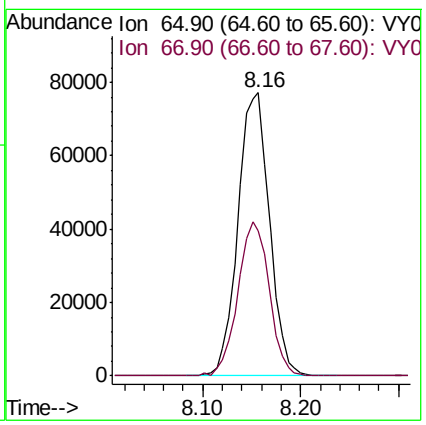


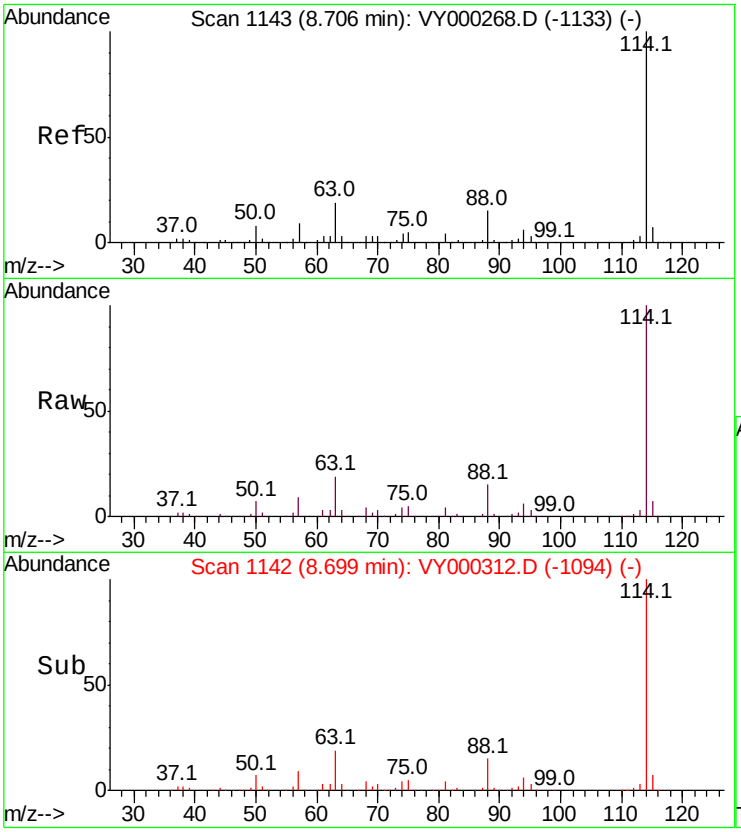


#33
1,2-Dichloroethane-d4
Concen: 53.581 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VY000312.D
Acq: 15 Oct 2019 11:57

Tgt Ion: 65 Resp: 172474

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	109.4



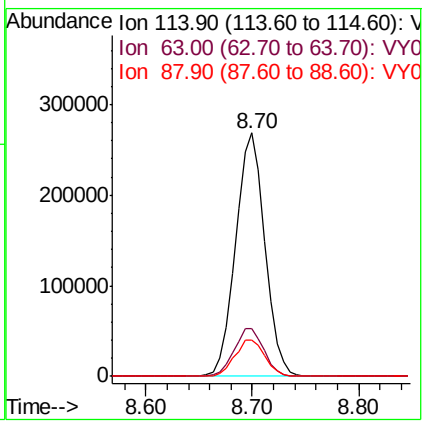


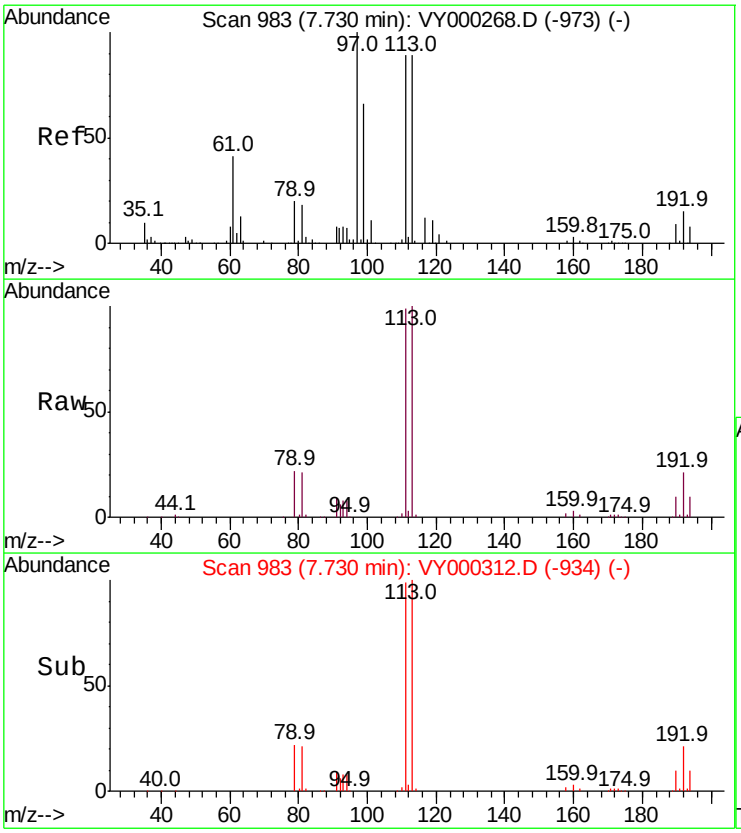
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000312.D
Acq: 15 Oct 2019 11:57

Instrument : MSVOA_Y
ClientSampleId : VY1015SBL01

Tgt Ion:114 Resp: 517768

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	37.2
88	14.8	0.0	30.2

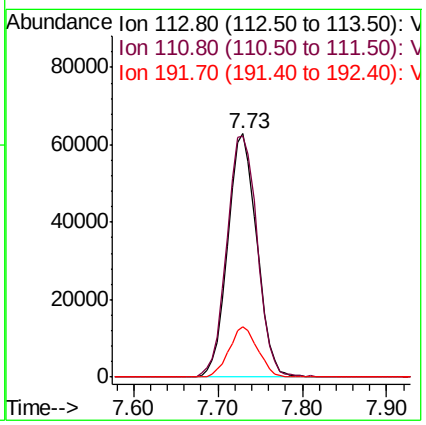


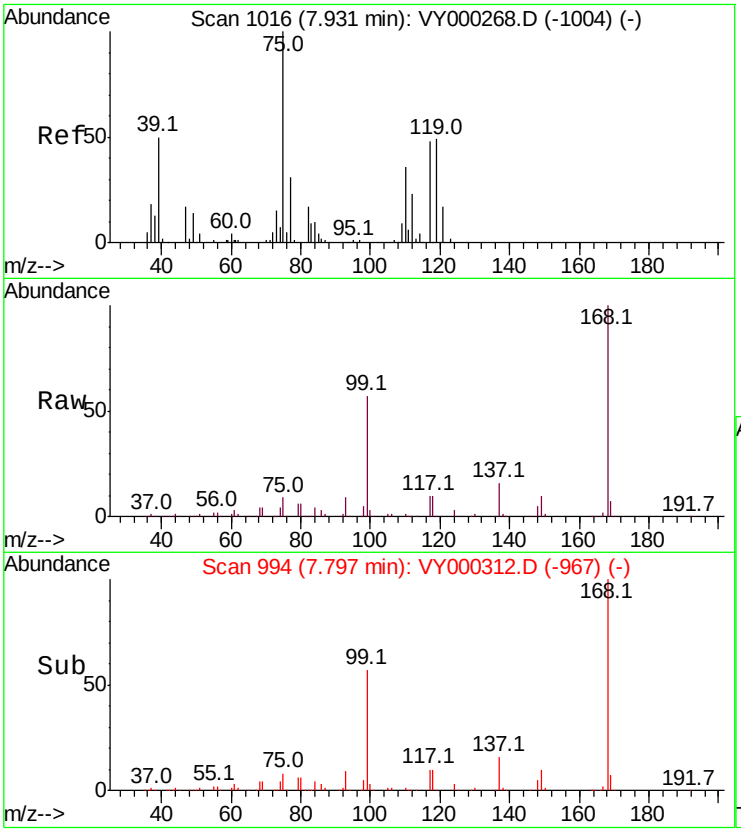


#35
Dibromofluoromethane
Concen: 47.162 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000312.D
Acq: 15 Oct 2019 11:57

Tgt Ion:113 Resp: 147296

Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.6	122.4
192	20.3	15.3	22.9



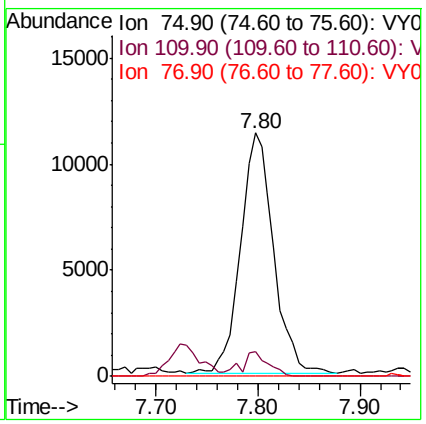


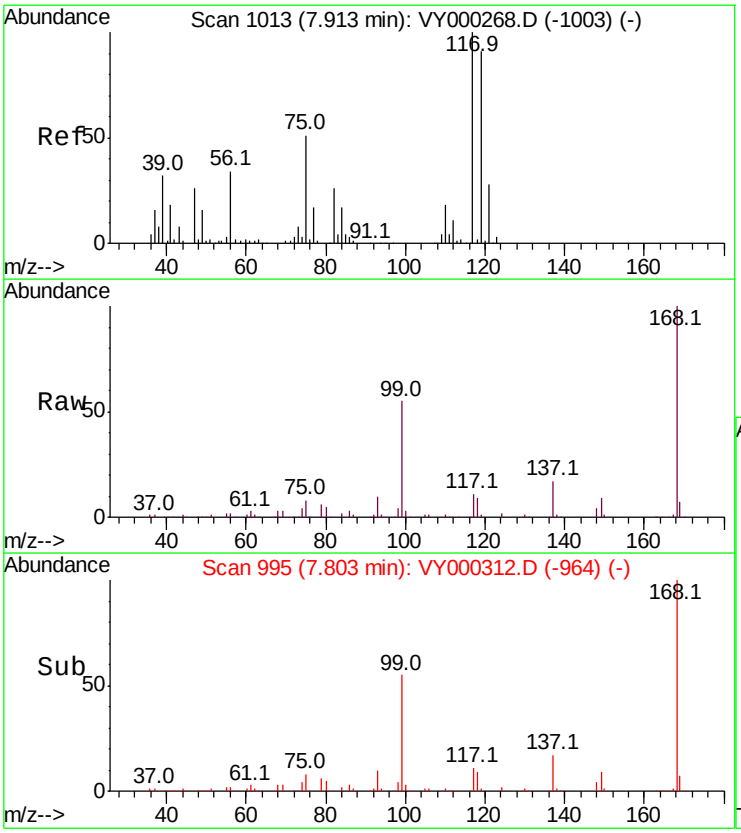
#36
1,1-Dichloropropene
Concen: 5.030 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY000312.D
Acq: 15 Oct 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VY1015SBL01

Tgt Ion: 75 Resp: 25500

Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.4	55.4#
77	0.0	25.0	37.6#

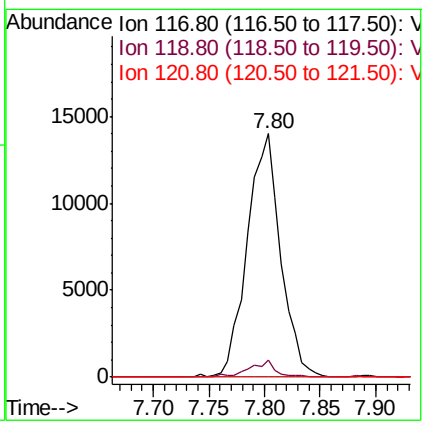


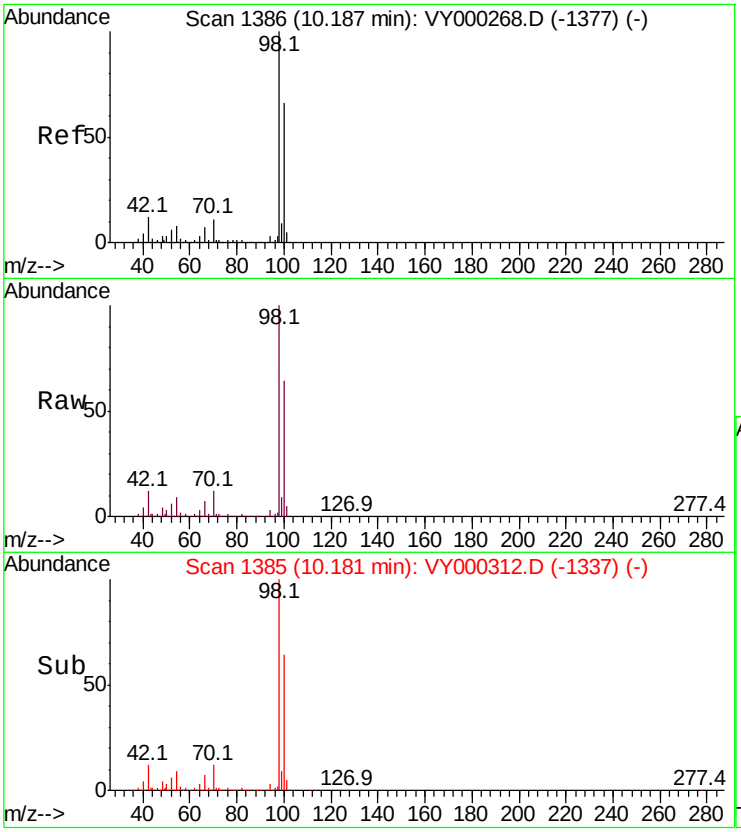


#38
Carbon Tetrachloride
Concen: 5.976 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000312.D
Acq: 15 Oct 2019 11:57

Tgt Ion:117 Resp: 29331

Ion	Ratio	Lower	Upper
117	100		
119	6.9	72.8	109.2#
121	0.0	22.2	33.2#



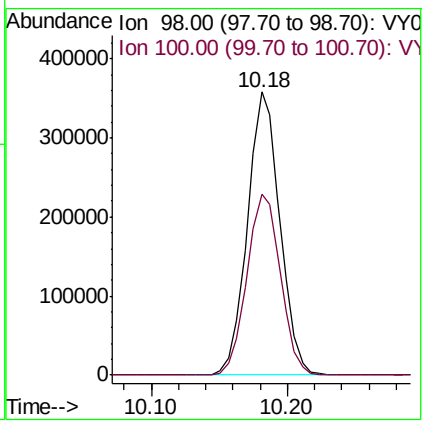


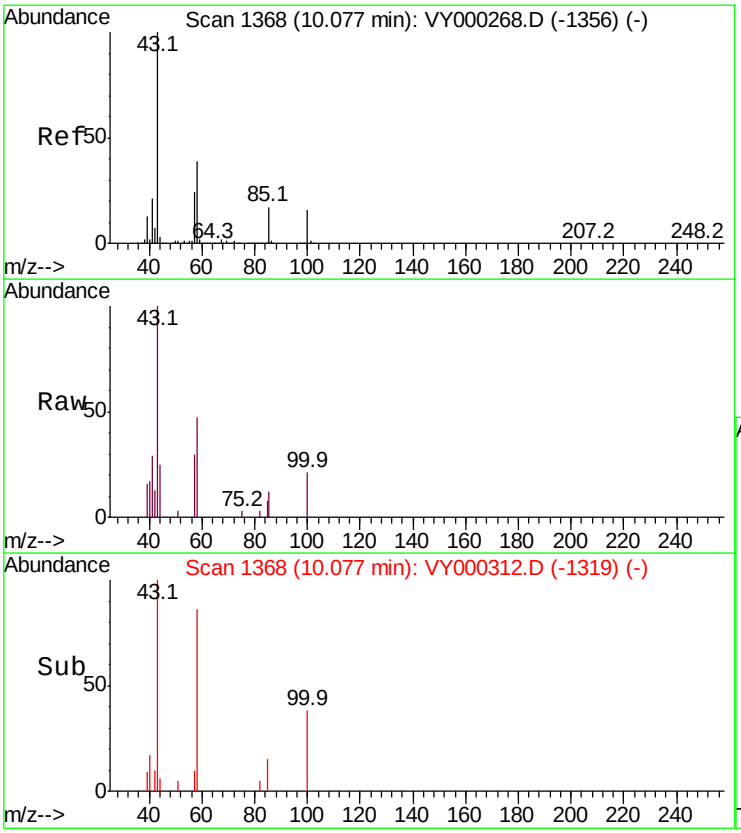
#50
Toluene-d8
Concen: 49.887 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000312.D
Acq: 15 Oct 2019 11:57

Instrument : MSVOA_Y
ClientSampleId : VY1015SBL01

Tgt Ion: 98 Resp: 599359

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.8	79.2

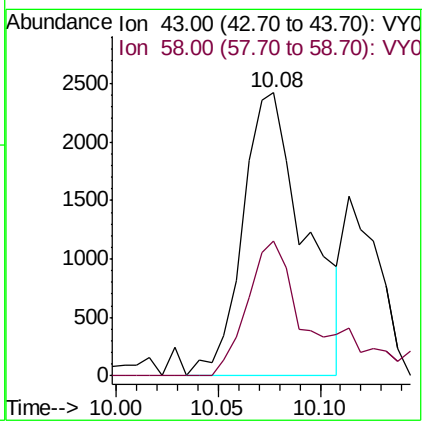


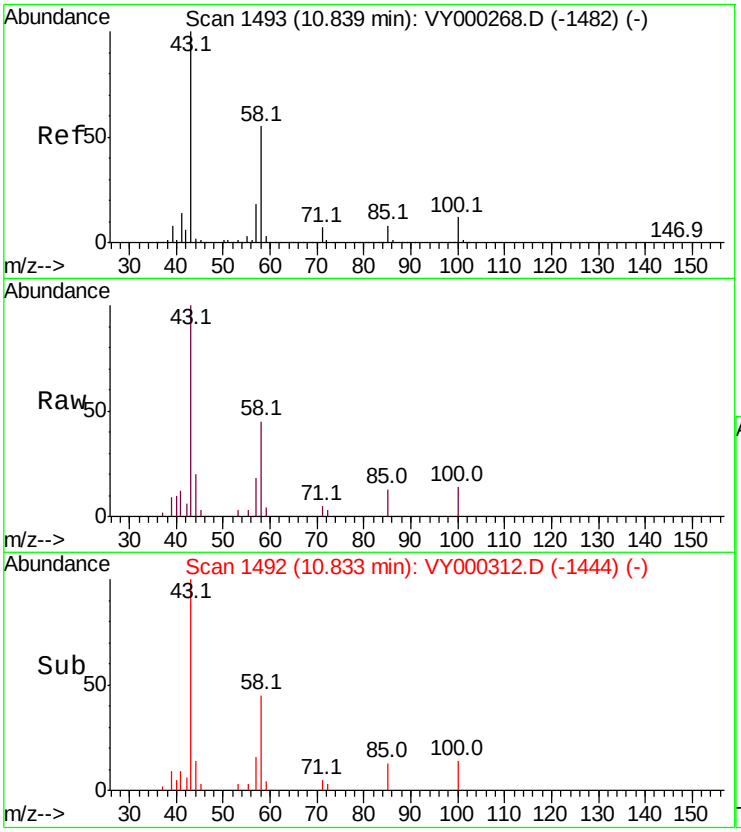


#51
4-Methyl-2-Pentanone
Concen: 1.765 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000312.D
Acq: 15 Oct 2019 11:57

Tgt Ion: 43 Resp: 5195

Ion	Ratio	Lower	Upper
43	100		
58	48.7	31.0	46.6#



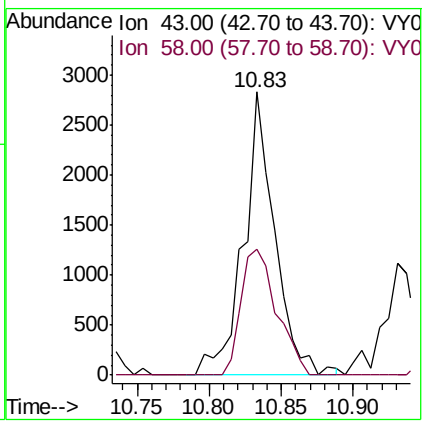


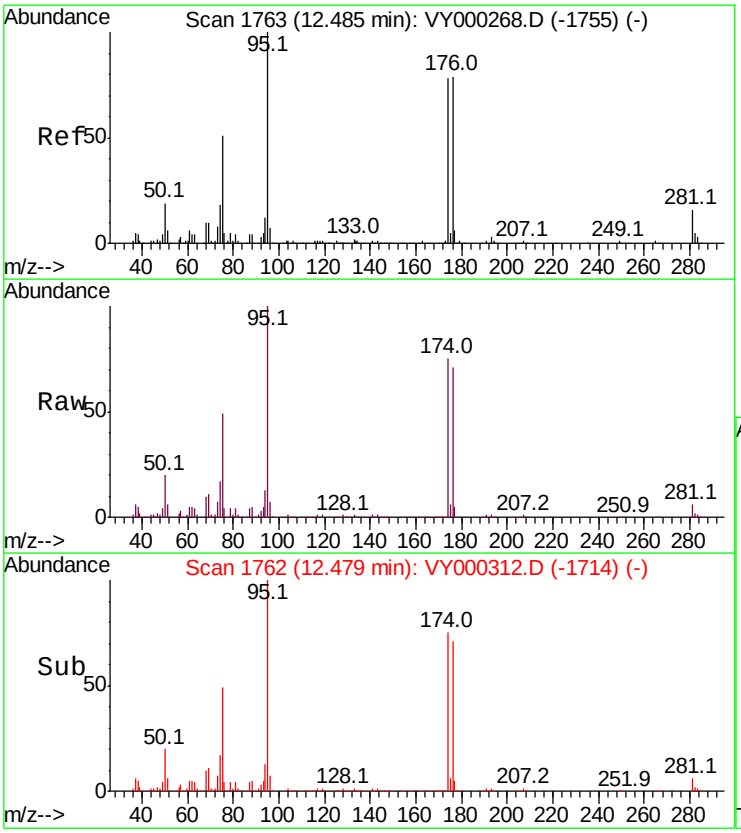
#59
2-Hexanone
Concen: 2.054 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000312.D
Acq: 15 Oct 2019 11:57

Instrument : MSVOA_Y
ClientSampleId : VY1015SBL01

Tgt Ion: 43 Resp: 4245

Ion	Ratio	Lower	Upper
43	100		
58	51.0	27.7	83.1

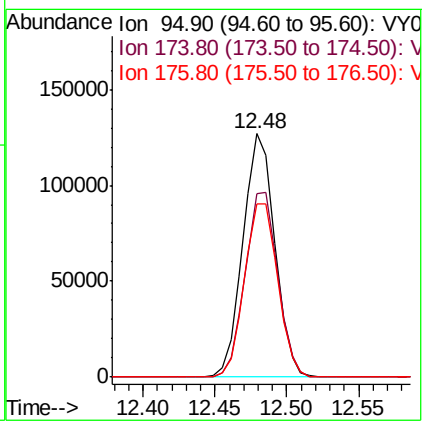


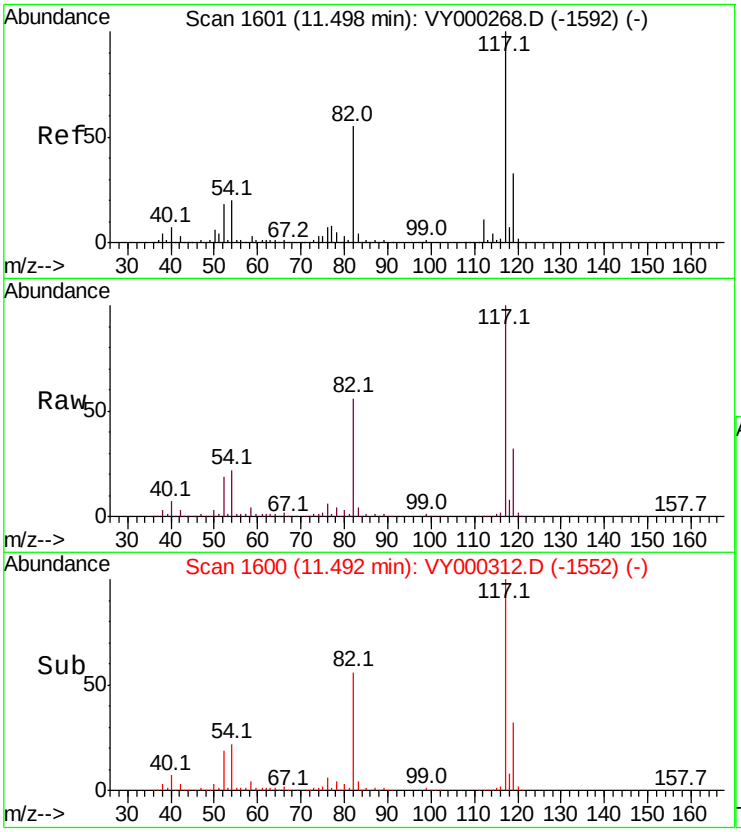


#62
4-Bromofluorobenzene
Concen: 42.455 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000312.D
Acq: 15 Oct 2019 11:57

Tgt Ion: 95 Resp: 193781

Ion	Ratio	Lower	Upper
95	100		
174	77.8	0.0	159.6
176	74.3	0.0	153.8



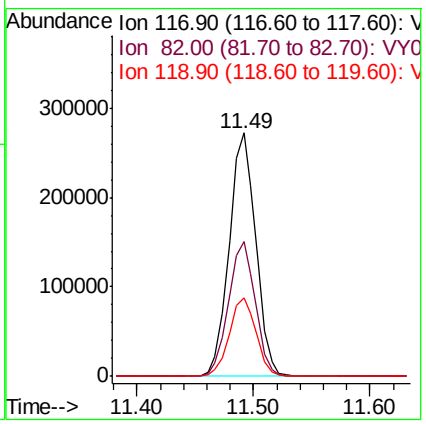


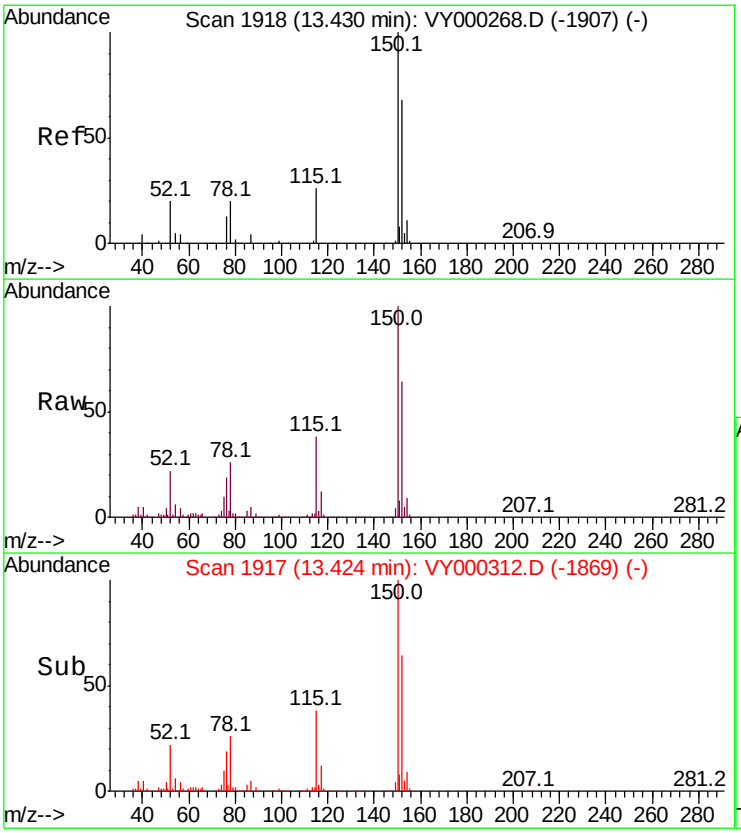
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000312.D
Acq: 15 Oct 2019 11:57

Instrument : MSVOA_Y
ClientSampleId : VY1015SBL01

Tgt Ion:117 Resp: 432177

Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.7	65.5
119	32.4	26.6	39.8

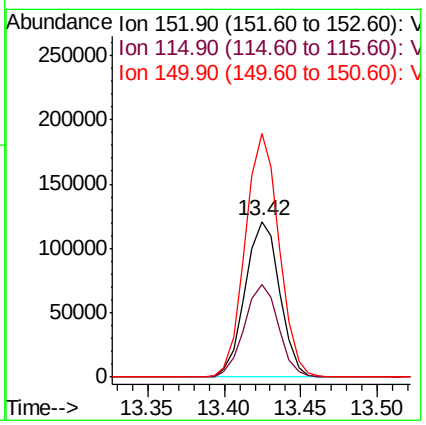


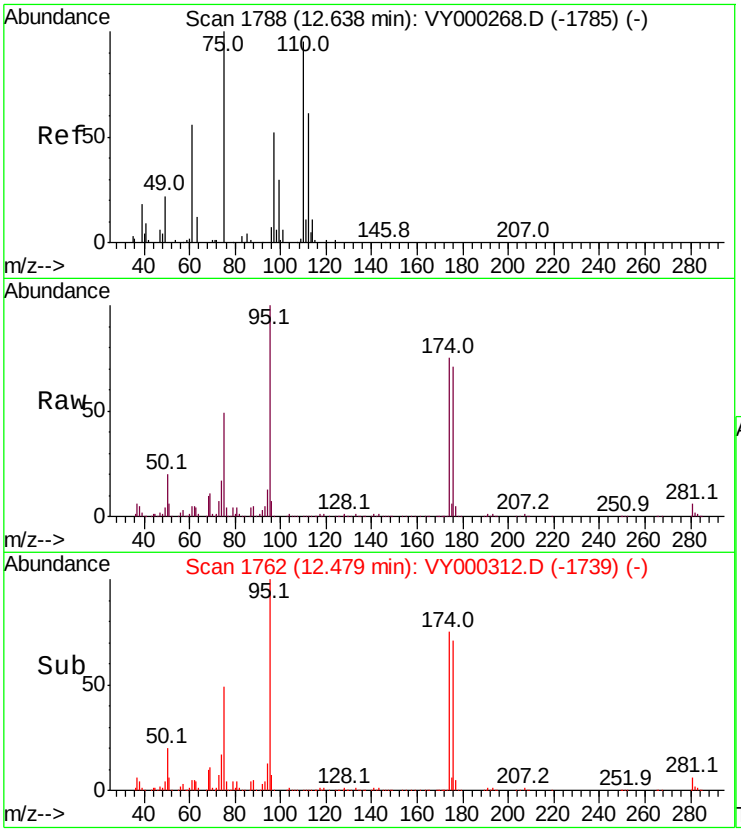


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000312.D
Acq: 15 Oct 2019 11:57

Tgt Ion:152 Resp: 189860

Ion	Ratio	Lower	Upper
152	100		
115	58.6	29.3	88.0
150	153.7	0.0	348.4



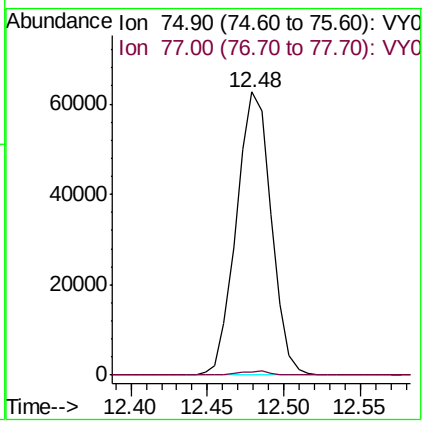


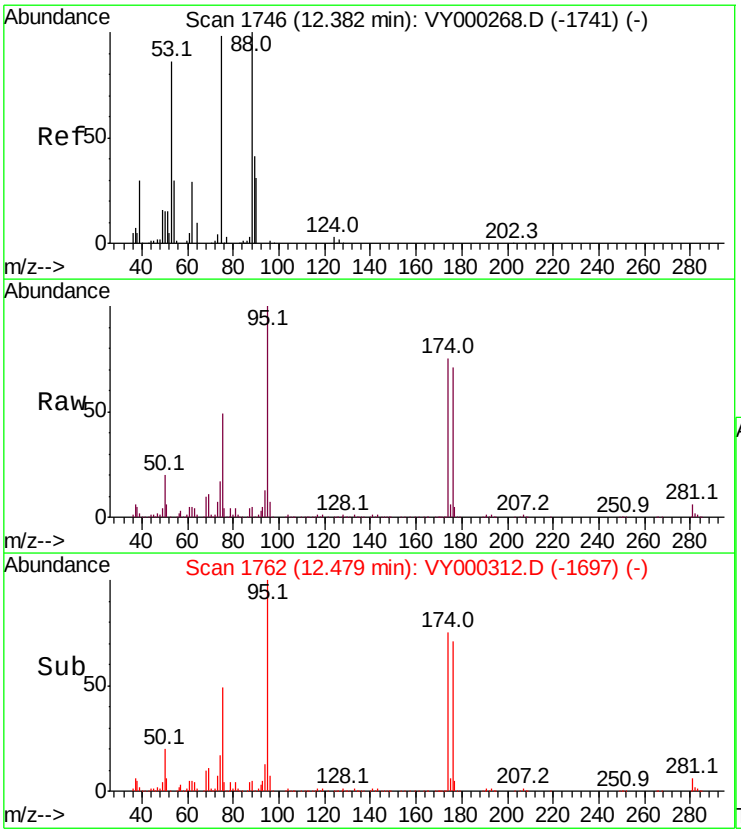
#76
1,2,3-Trichloropropane
Concen: 42.333 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000312.D
Acq: 15 Oct 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VY1015SBL01

Tgt Ion: 75 Resp: 98831

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

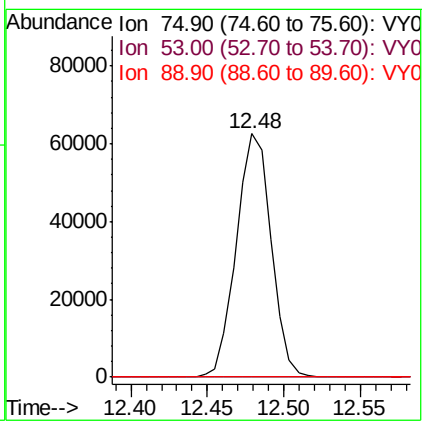


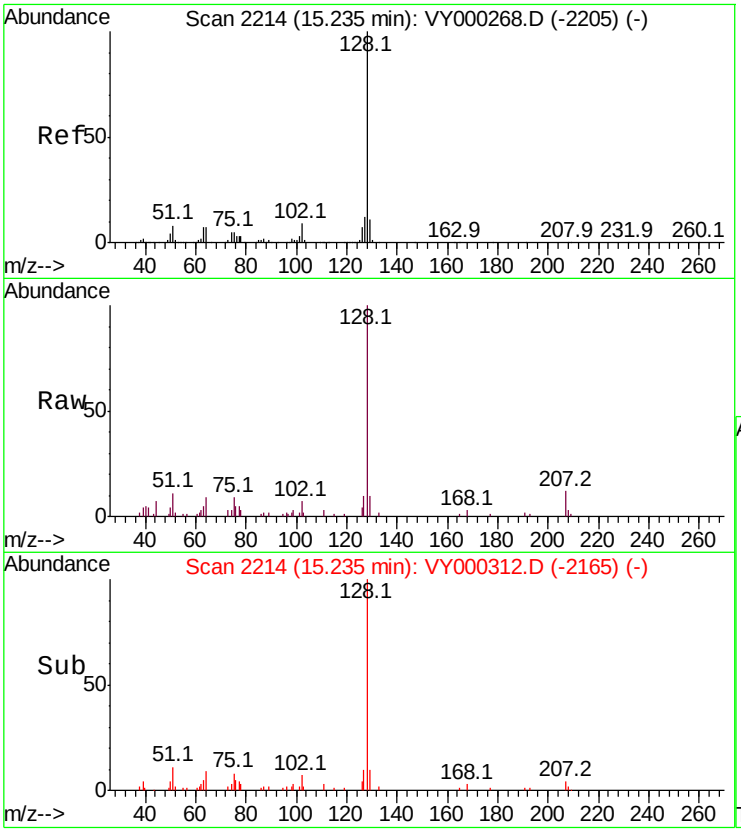


#81
trans-1,4-Dichloro-2-butene
Concen: 92.622 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000312.D
Acq: 15 Oct 2019 11:57

Tgt Ion: 75 Resp: 98831

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





#95
Naphthalene
Concen: 1.645 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000312.D
Acq: 15 Oct 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VY1015SBL01

Tgt Ion:128 Resp: 15011

Ion	Ratio	Lower	Upper
128	100		
127	13.3	9.6	14.4
129	9.7	8.7	13.1