Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022020\
Data File : VY001713.D
Acq On : 20 Feb 2020 10:54
Operator : SY/MD
Sample : VY0220SBL01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Feb 21 08:02:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	177086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	322601	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	291438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	128444	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	104301	54.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.52%			
35) Dibromofluoromethane	7.75	113	95199	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.04%			
50) Toluene-d8	10.20	98	390570	53.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.92%			
62) 4-Bromofluorobenzene	12.50	95	133971	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.28%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.97	59	1416	Below Cal	#	74
16) Acetone	3.99	43	1952	2.962	ug/l #	85
20) Methylene Chloride	4.77	84	5929	2.533	ug/l	88
25) 2-Butanone	7.02	43	1922	2.147	ug/l #	84
31) Cyclohexane	7.82	56	4201	1.050	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	15095	4.899	ug/l #	49
38) Carbon Tetrachloride	7.82	117	17438	6.443	ug/l #	18
49) 1,4-Dioxane	9.35	88	23	1.372	ug/l #	23
55) 1,1,2-Trichloroethane	10.58	97	1810	1.034	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.92	63	21	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.50	75	68628	46.577	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.50	75	68628	88.365	ug/l #	17

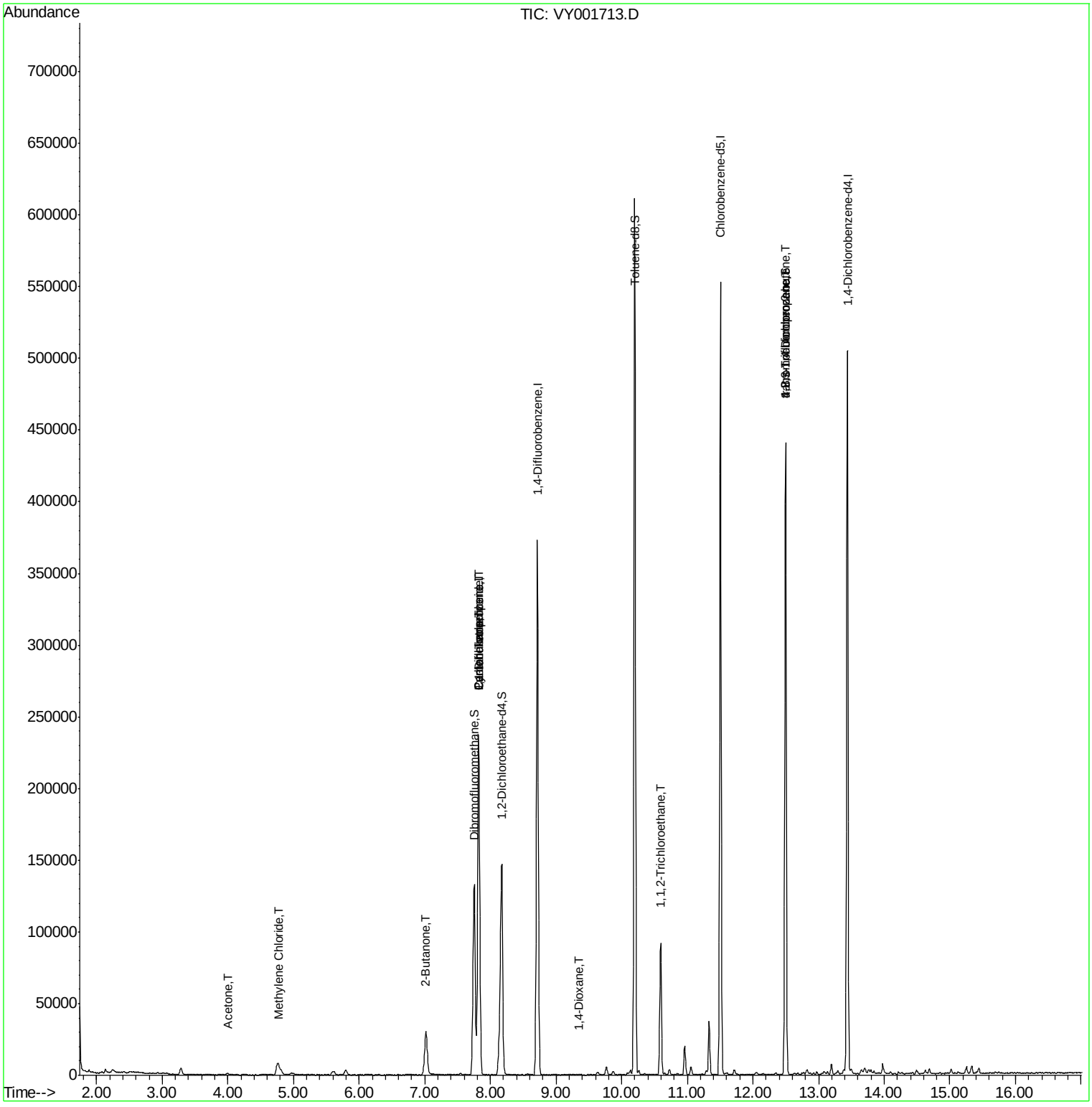
(#) = qualifier out of range (m) = manual integration (+) = signals summed

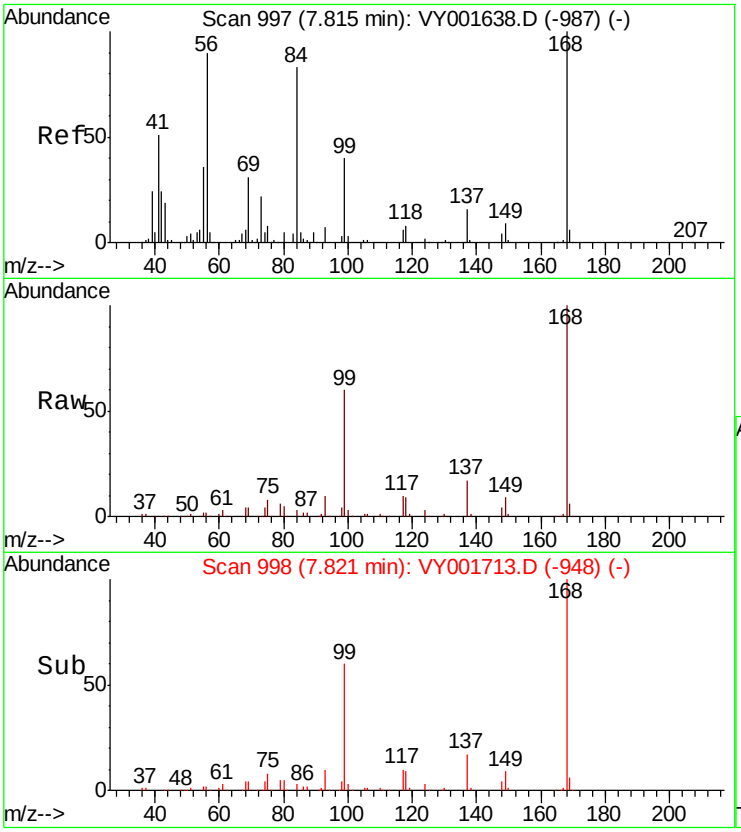
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY022020\
Data File : VY001713.D
Acq On : 20 Feb 2020 10:54
Operator : SY/MD
Sample : VY0220SBL01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 21 08:02:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration



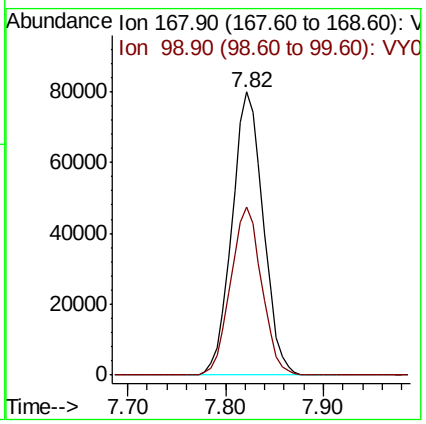


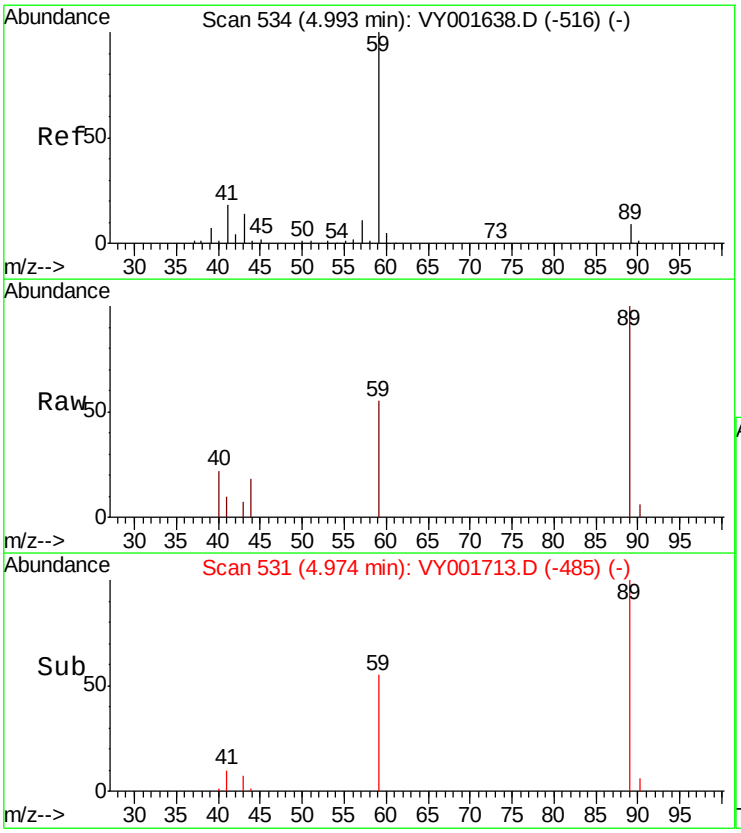
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.01 min
Lab File: VY001713.D
Acq: 20 Feb 2020 10:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 177086

Ion	Ratio	Lower	Upper
168	100		
99	59.5	47.5	71.3

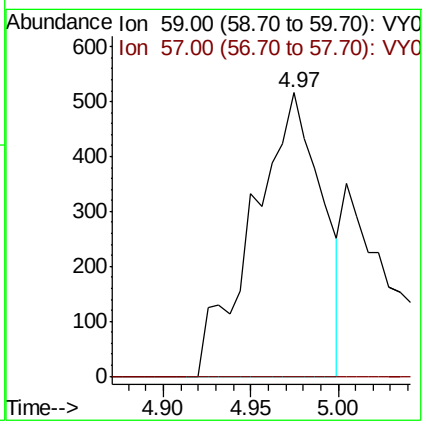


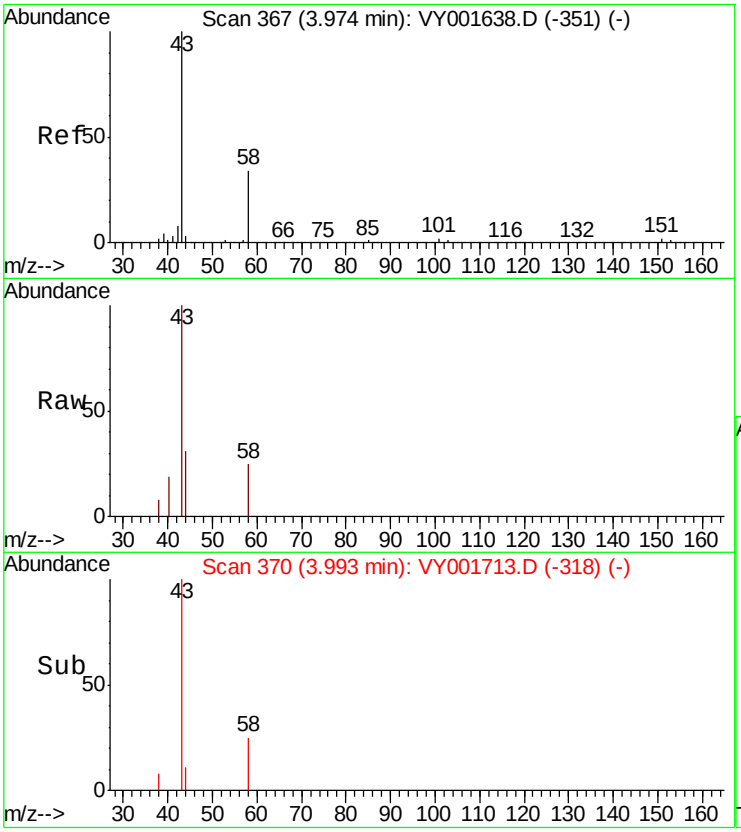


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.97 min Scan# 531
Delta R.T. -0.02 min
Lab File: VY001713.D
Acq: 20 Feb 2020 10:54

Tgt Ion: 59 Resp: 1416

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.2#



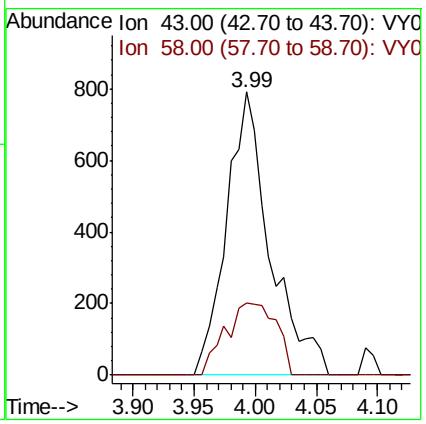


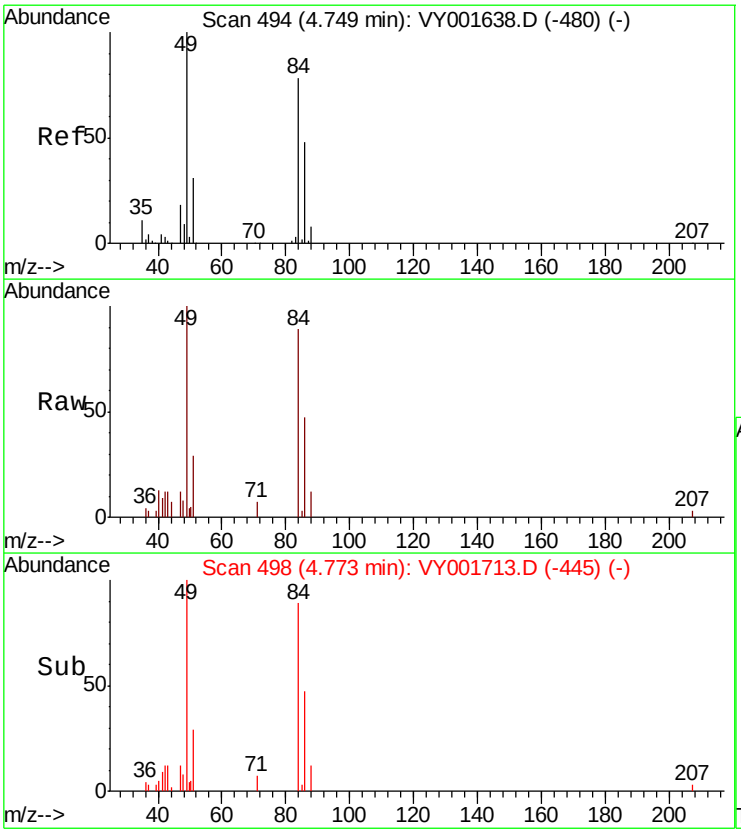
#16
Acetone
Concen: 2.962 ug/l
RT: 3.99 min Scan# 370
Delta R.T. 0.02 min
Lab File: VY001713.D
Acq: 20 Feb 2020 10:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1952

Ion	Ratio	Lower	Upper
43	100		
58	25.4	27.3	40.9#

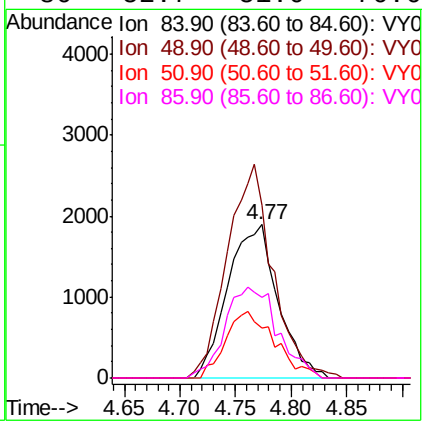


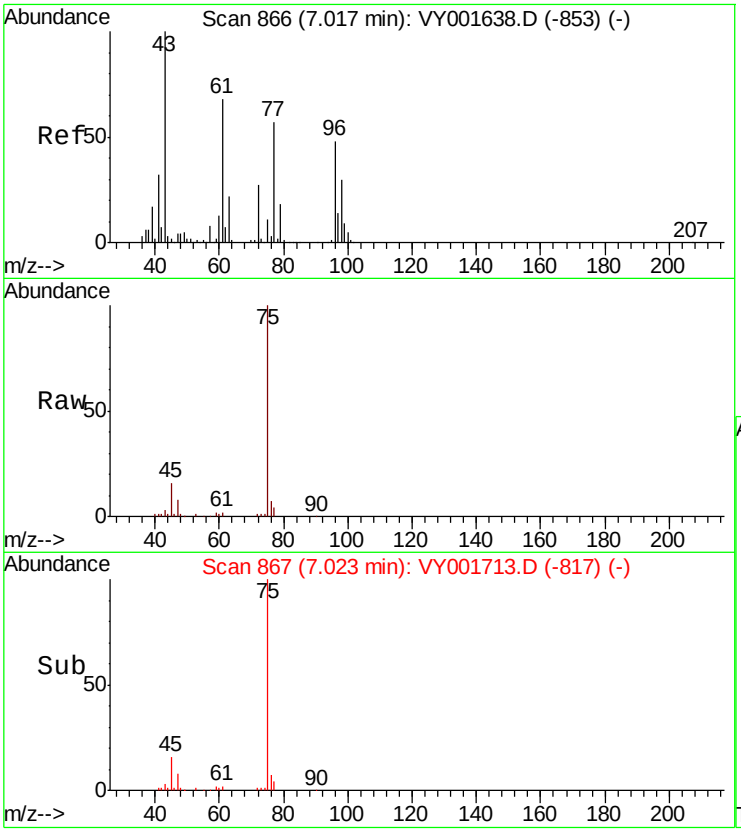


#20
Methylene Chloride
Concen: 2.533 ug/l
RT: 4.77 min Scan# 498
Delta R.T. 0.02 min
Lab File: VY001713.D
Acq: 20 Feb 2020 10:54

Tgt Ion: 84 Resp: 5929

Ion	Ratio	Lower	Upper
84	100		
49	112.2	99.2	148.8
51	32.4	31.5	47.3
86	52.7	51.0	76.6



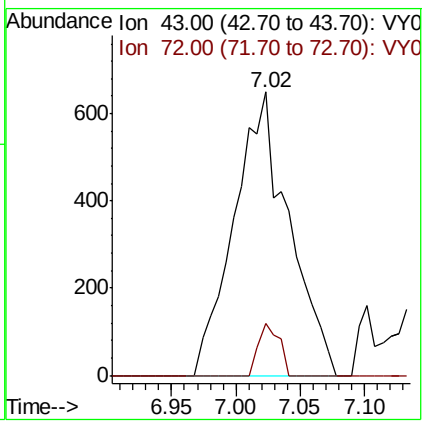


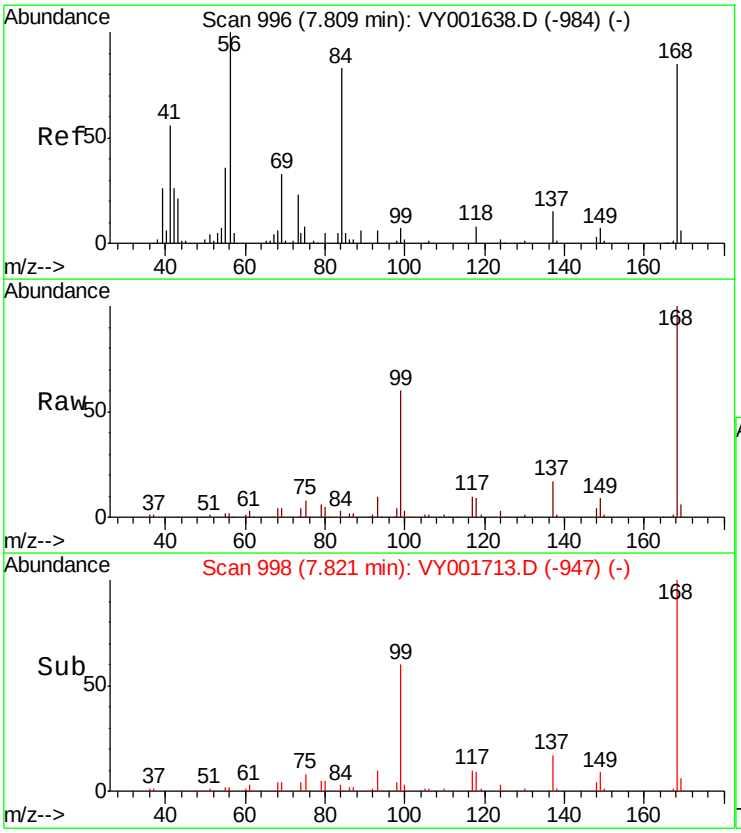
#25
2-Butanone
Concen: 2.147 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001713.D
Acq: 20 Feb 2020 10:54

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1922

Ion	Ratio	Lower	Upper
43	100		
72	18.5	21.2	31.8#

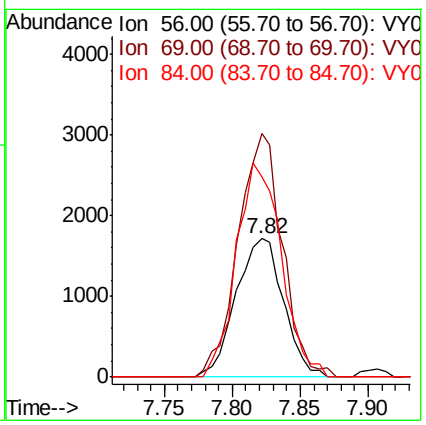


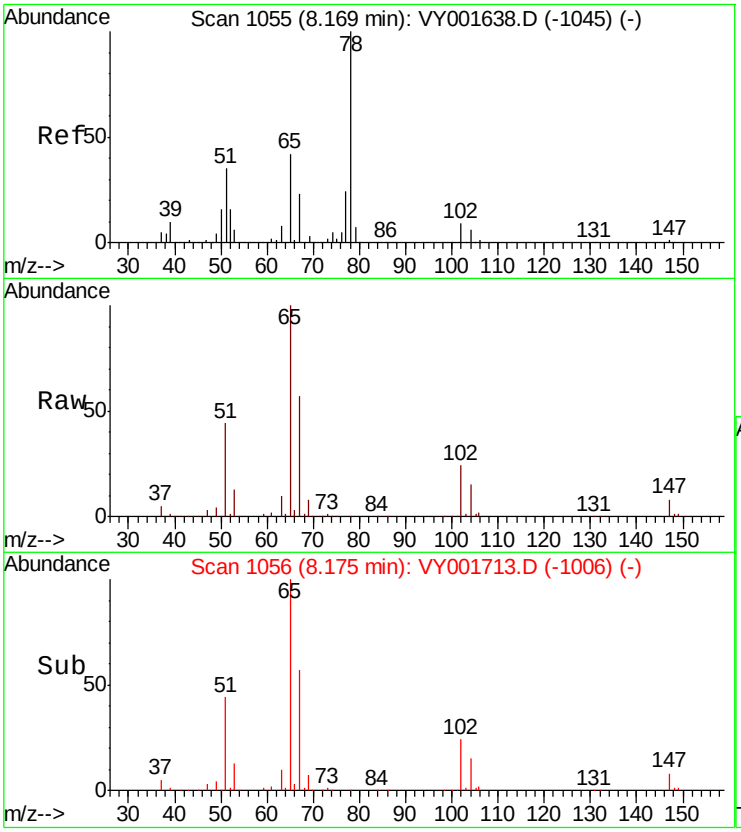


#31
Cyclohexane
Concen: 1.050 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.01 min
Lab File: VY001713.D
Acq: 20 Feb 2020 10:54

Tgt Ion: 56 Resp: 4201

Ion	Ratio	Lower	Upper
56	100		
69	175.7	25.1	37.7#
84	144.7	66.9	100.3#



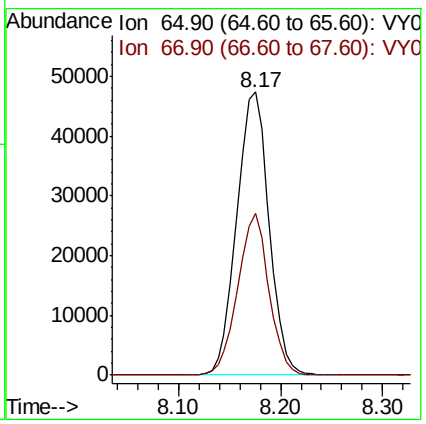


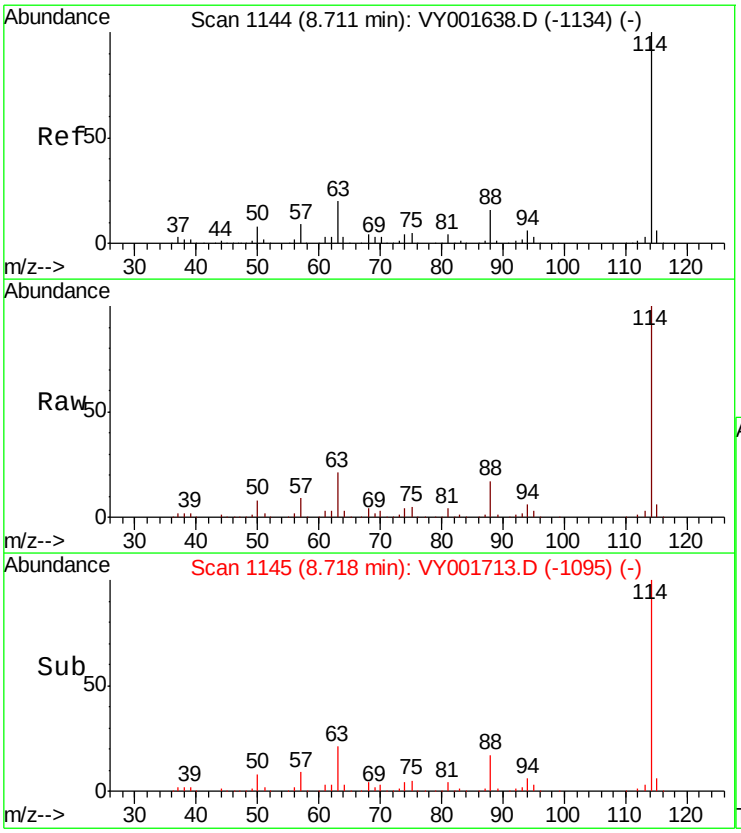
#33
1,2-Dichloroethane-d4
Concen: 54.756 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. 0.01 min
Lab File: VY001713.D
Acq: 20 Feb 2020 10:54

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 104301

Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	111.0

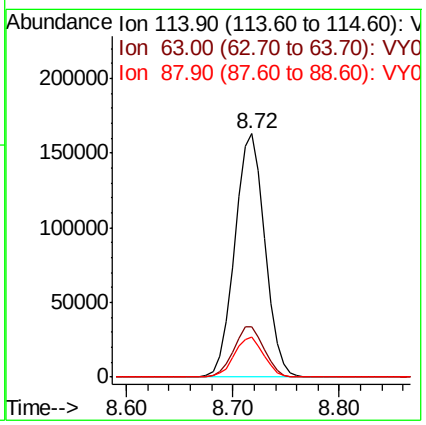


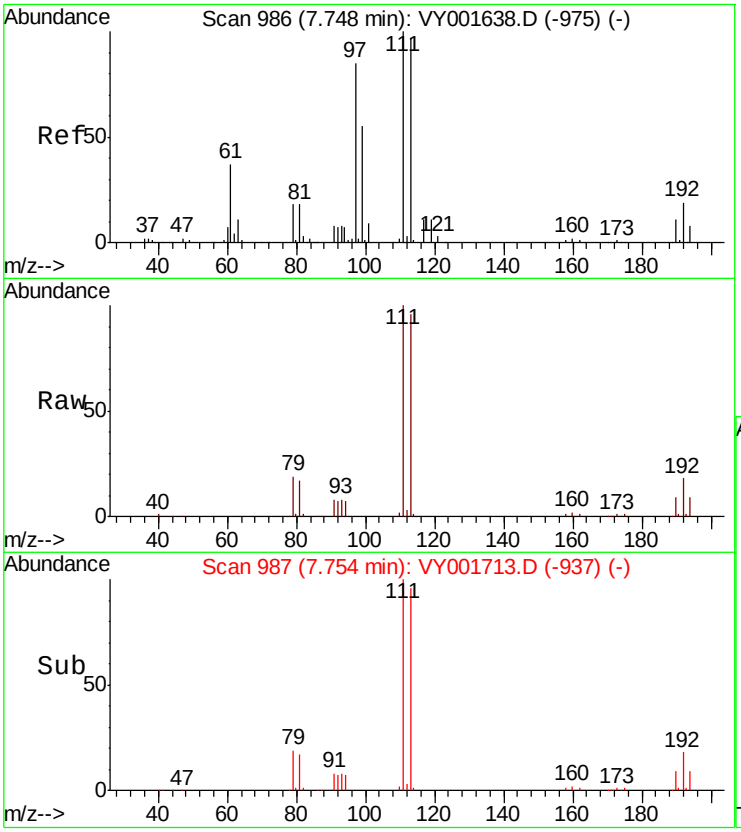


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.72 min Scan# 1145
Delta R.T. 0.01 min
Lab File: VY001713.D
Acq: 20 Feb 2020 10:54

Tgt Ion:114 Resp: 322601

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	41.4
88	16.7	0.0	32.8



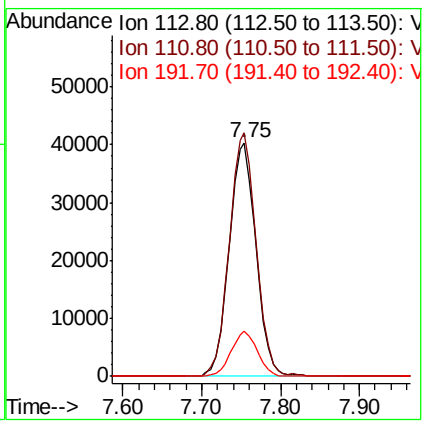


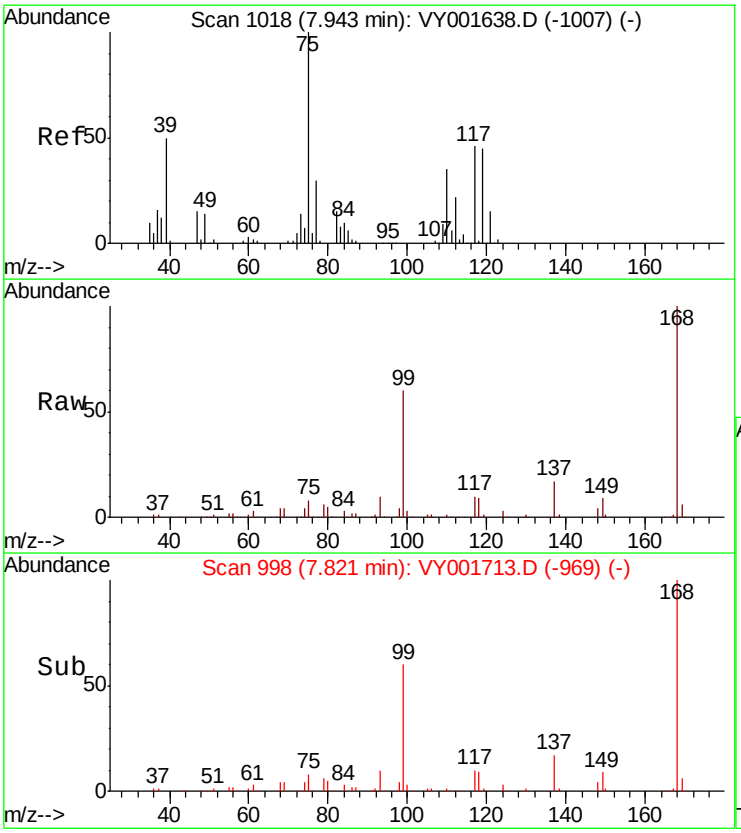
#35
Dibromofluoromethane
Concen: 51.523 ug/l
RT: 7.75 min Scan# 987
Delta R.T. 0.01 min
Lab File: VY001713.D
Acq: 20 Feb 2020 10:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 95199

Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.9	122.9
192	18.8	14.3	21.5

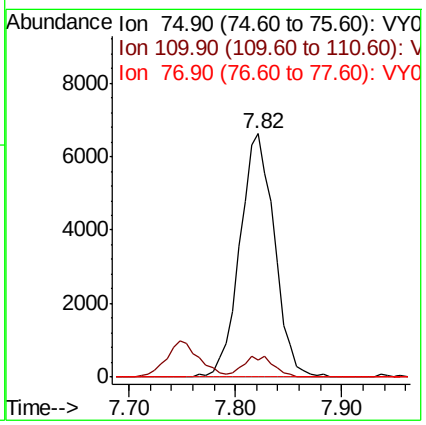


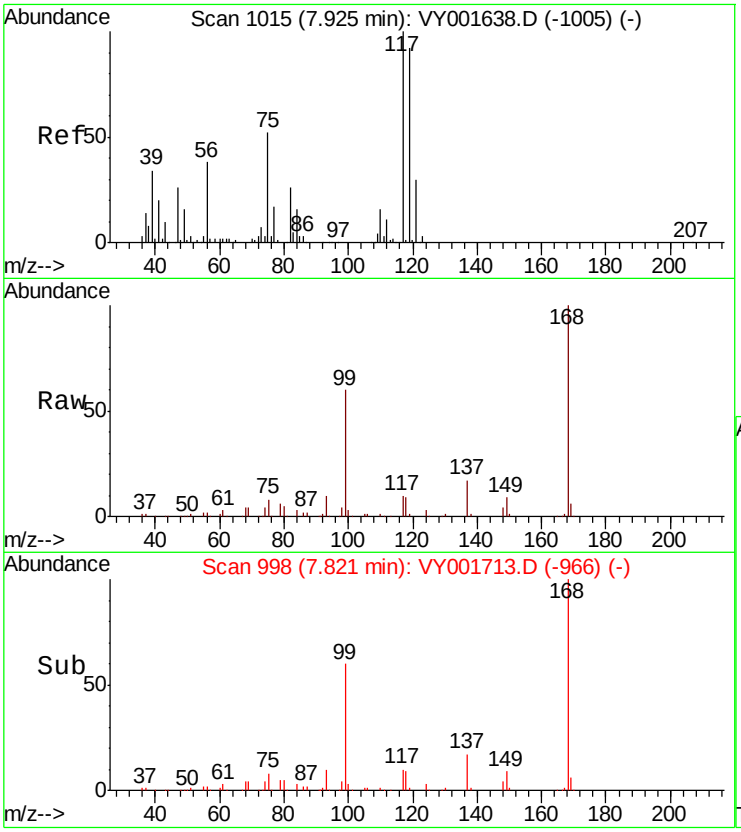


#36
1,1-Dichloropropene
Concen: 4.899 ug/l
RT: 7.82 min Scan# 998
Delta R.T. -0.12 min
Lab File: VY001713.D
Acq: 20 Feb 2020 10:54

Tgt Ion: 75 Resp: 15095

Ion	Ratio	Lower	Upper
75	100		
110	7.5	17.2	51.6#
77	0.0	24.8	37.2#



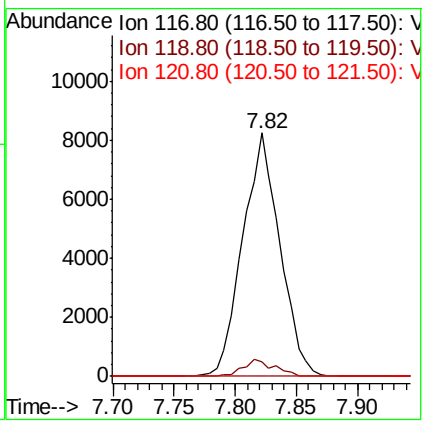


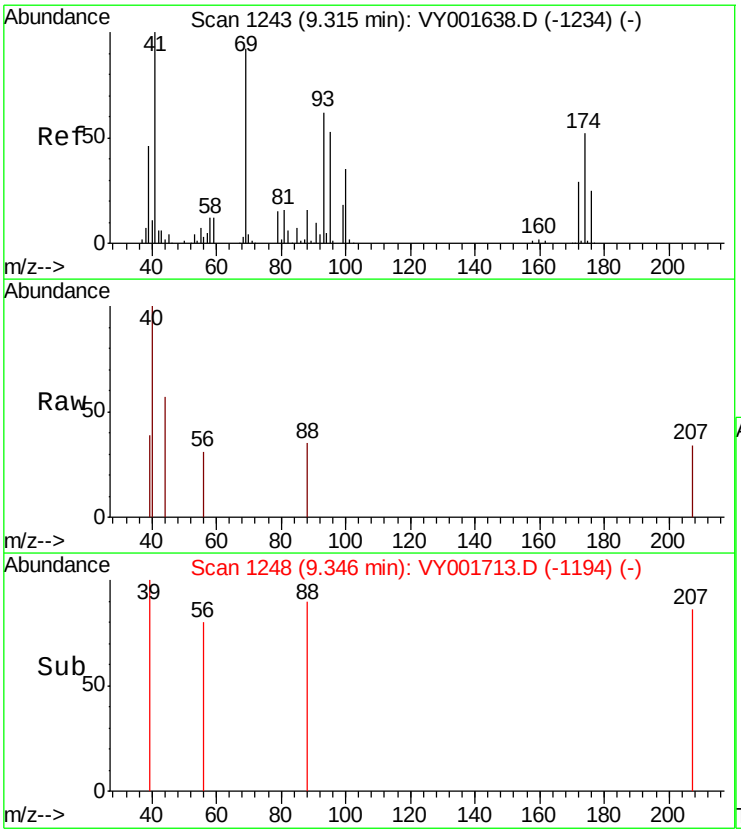
#38
Carbon Tetrachloride
Concen: 6.443 ug/l
RT: 7.82 min Scan# 998
Delta R.T. -0.10 min
Lab File: VY001713.D
Acq: 20 Feb 2020 10:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 17438

Ion	Ratio	Lower	Upper
117	100		
119	5.9	74.8	112.2#
121	0.0	23.8	35.6#

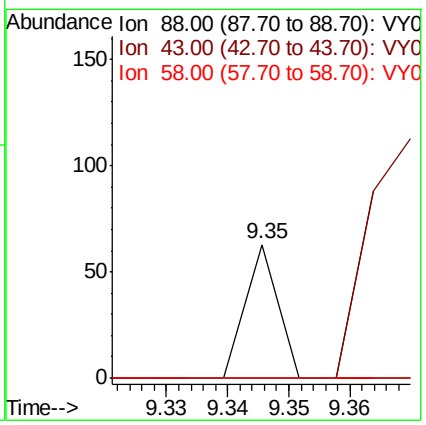


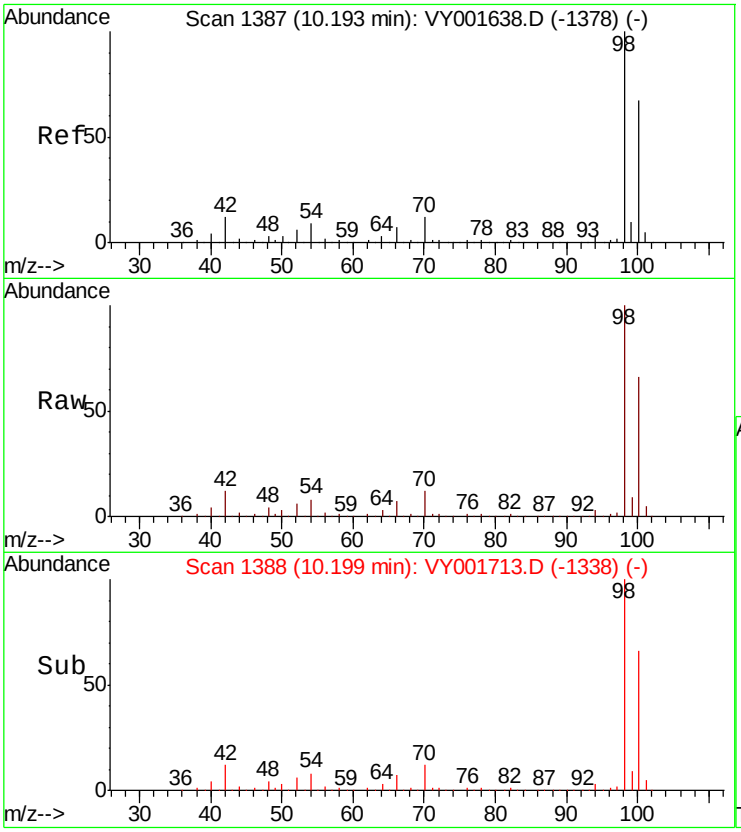


#49
1,4-Dioxane
Concen: 1.372 ug/l
RT: 9.35 min Scan# 1248
Delta R.T. 0.03 min
Lab File: VY001713.D
Acq: 20 Feb 2020 10:54

Tgt Ion: 88 Resp: 23

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.1	34.7#
58	0.0	58.1	87.1#



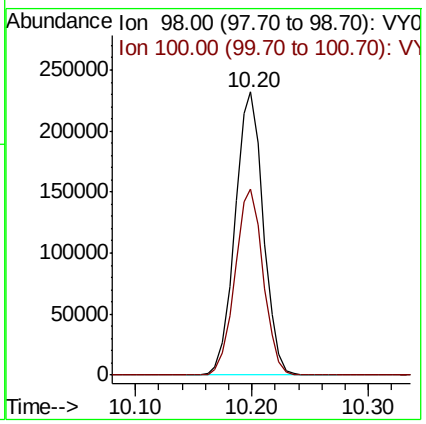


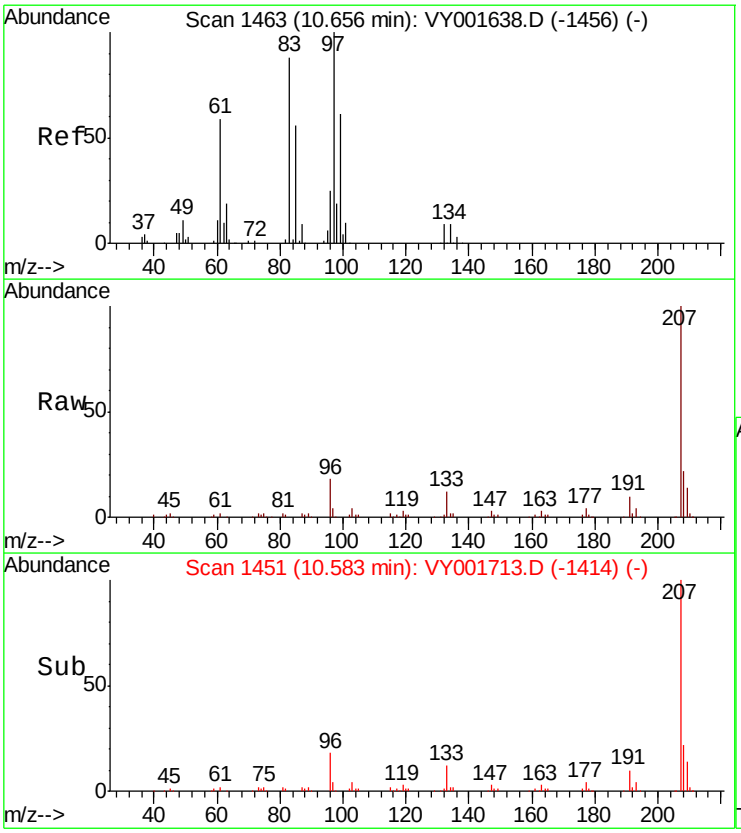
#50
Toluene-d8
Concen: 53.955 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001713.D
Acq: 20 Feb 2020 10:54

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 390570

Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.0	79.4

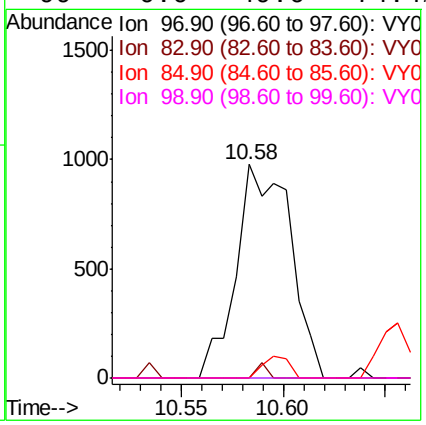


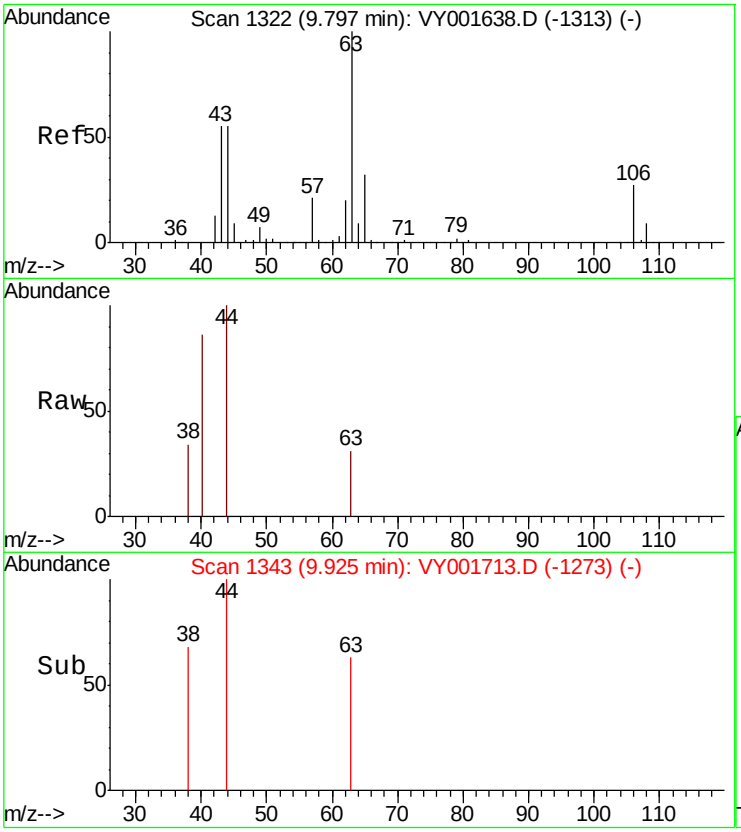


#55
1,1,2-Trichloroethane
Concen: 1.034 ug/l
RT: 10.58 min Scan# 1451
Delta R.T. -0.07 min
Lab File: VY001713.D
Acq: 20 Feb 2020 10:54

Tgt Ion: 97 Resp: 1810

Ion	Ratio	Lower	Upper
97	100		
83	0.0	69.7	104.5#
85	0.0	44.5	66.7#
99	0.0	49.6	74.4#



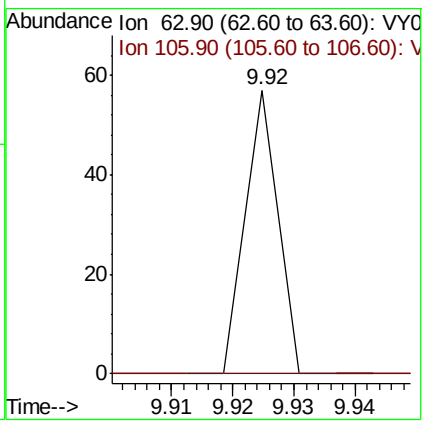


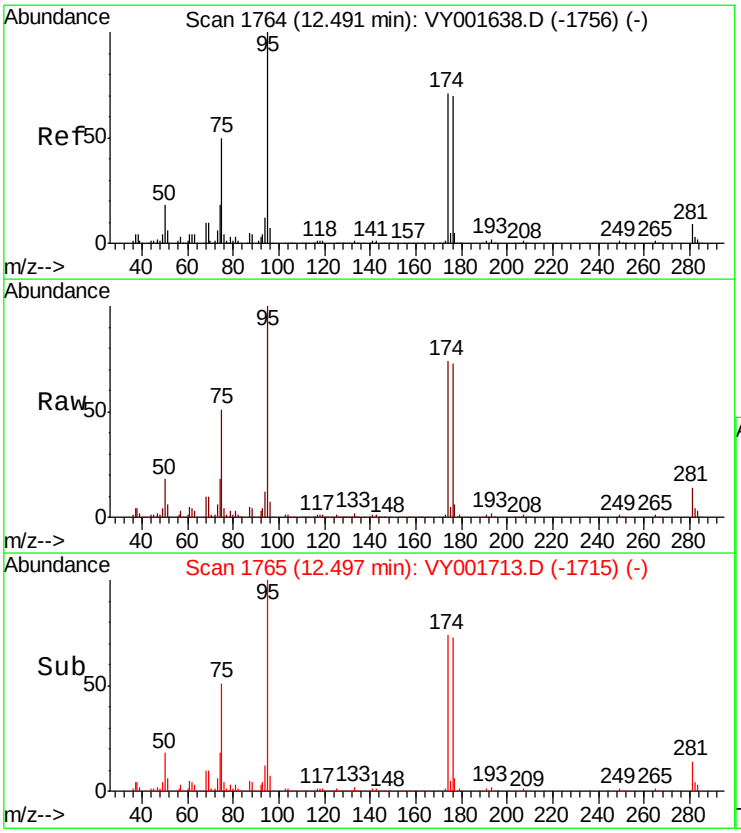
#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.92 min Scan# 1343
Delta R.T. 0.13 min
Lab File: VY001713.D
Acq: 20 Feb 2020 10:54

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 63 Resp: 21

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.6	32.4#

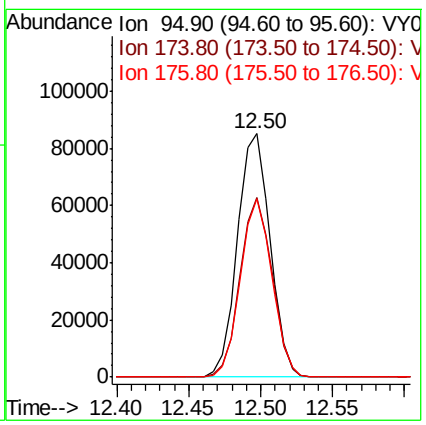


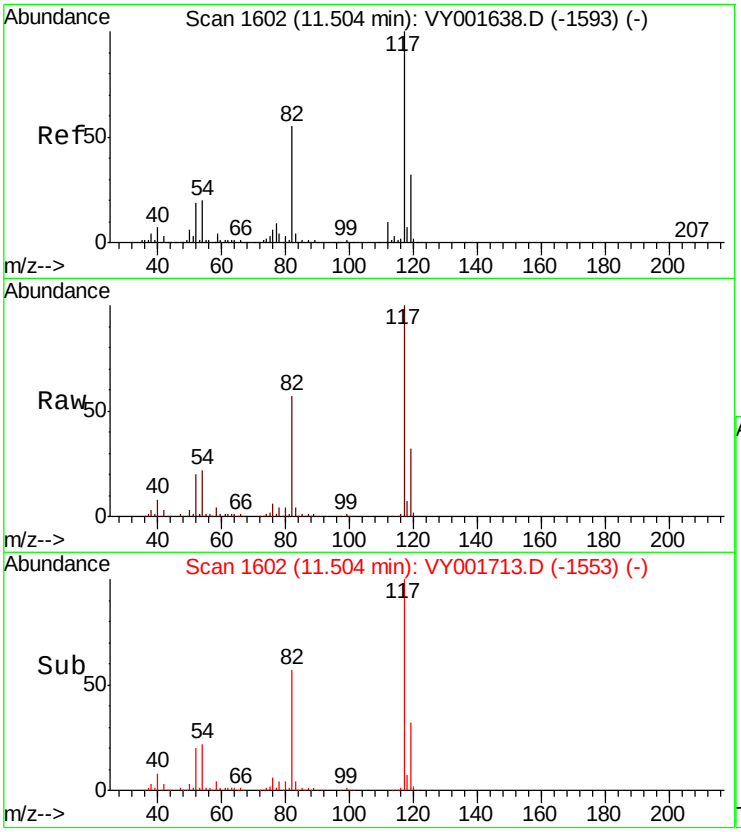


#62
4-Bromofluorobenzene
Concen: 47.639 ug/l
RT: 12.50 min Scan# 1765
Delta R.T. 0.01 min
Lab File: VY001713.D
Acq: 20 Feb 2020 10:54

Tgt Ion: 95 Resp: 133971

Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	138.4
176	70.8	0.0	131.8



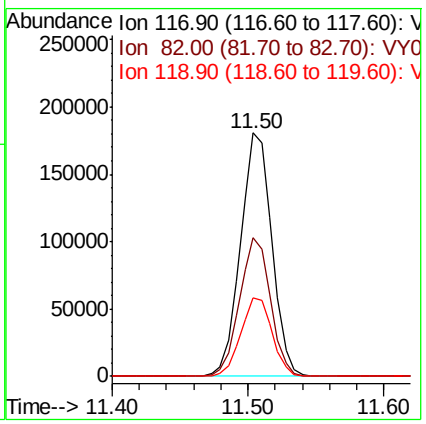


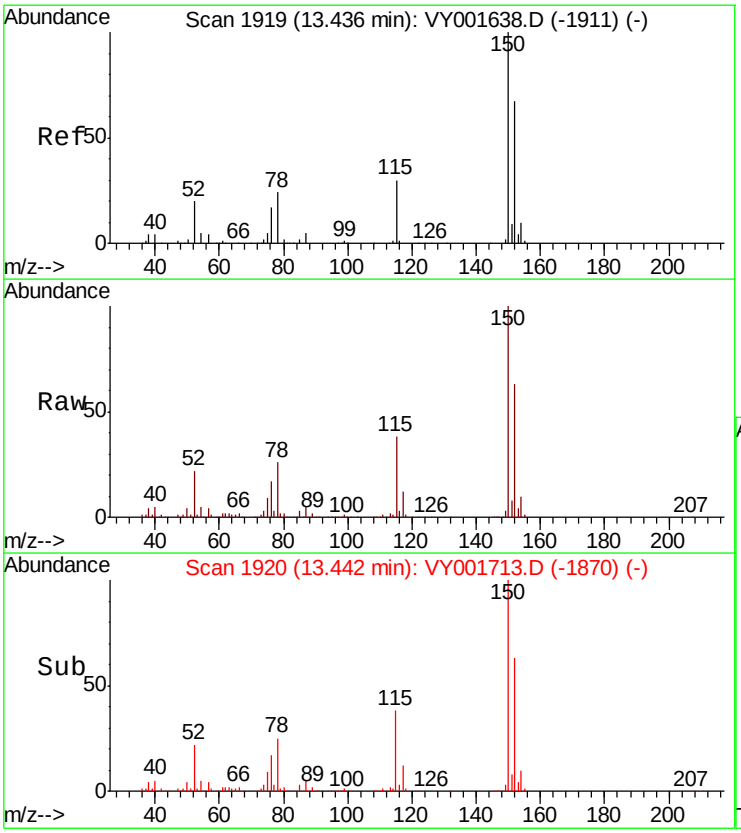
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001713.D
Acq: 20 Feb 2020 10:54

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 291438

Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.5	68.3
119	32.0	25.8	38.6

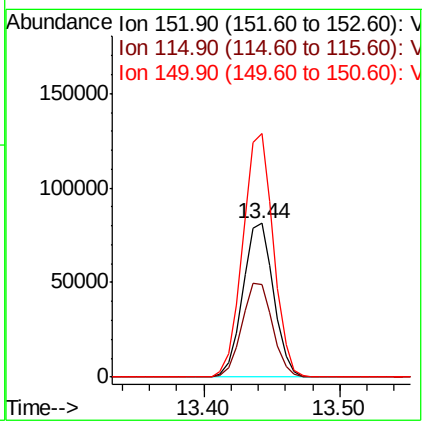


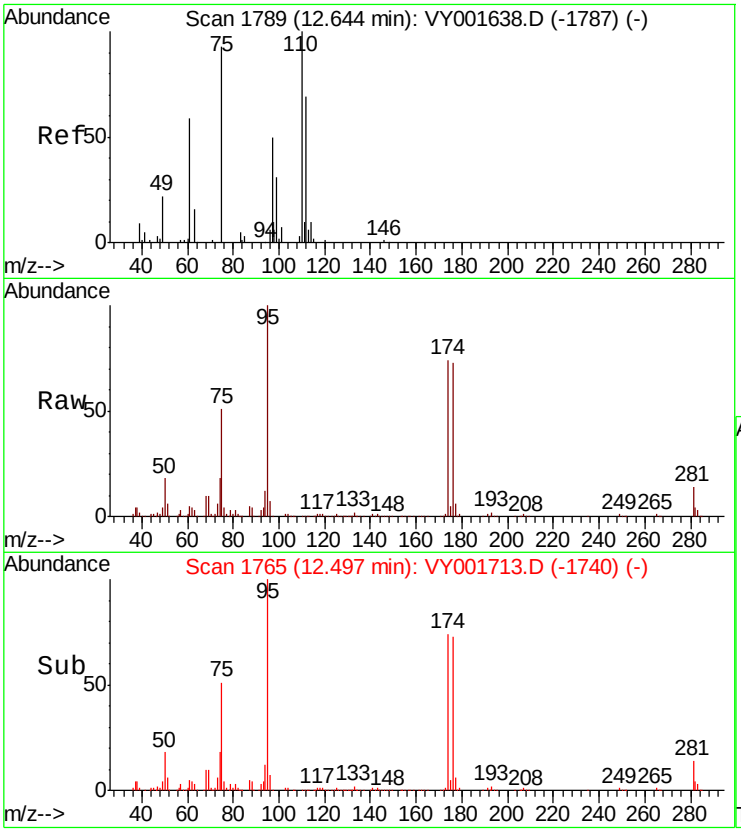


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001713.D
Acq: 20 Feb 2020 10:54

Tgt Ion:152 Resp: 128444

Ion	Ratio	Lower	Upper
152	100		
115	60.9	31.4	94.2
150	157.5	0.0	407.2



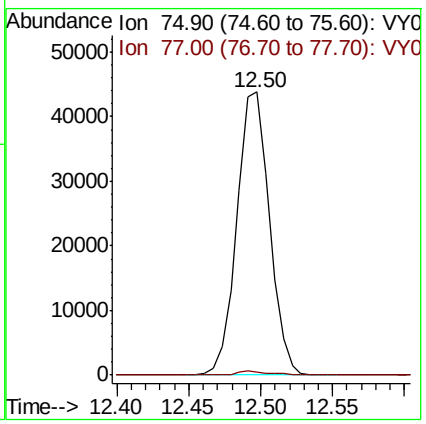


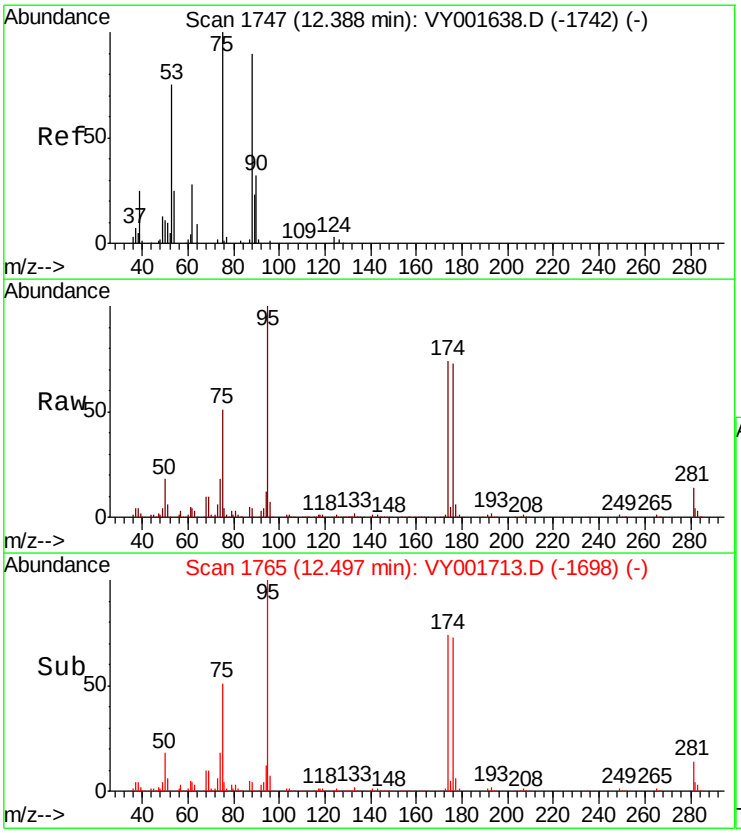
#76
1,2,3-Trichloropropane
Concen: 46.577 ug/l
RT: 12.50 min Scan# 1765
Delta R.T. -0.15 min
Lab File: VY001713.D
Acq: 20 Feb 2020 10:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 68628

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 88.365 ug/l
RT: 12.50 min Scan# 1765
Delta R.T. 0.11 min
Lab File: VY001713.D
Acq: 20 Feb 2020 10:54

Tgt Ion: 75 Resp: 68628

Ion	Ratio	Lower	Upper
75	100		
53	0.0	64.5	96.7#
89	0.1	36.3	54.5#