Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110320\
Data File : VY003501.D
Acq On : 03 Nov 2020 18:34
Operator : SY/MD
Sample : L4609-01
Misc : 6.57G/5ML/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 12016

Quant Time: Nov 04 00:25:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 02 12:40:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	140322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	255759	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	237162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	109495	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	102188	71.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 142.06%			
35) Dibromofluoromethane	7.73	113	85013	54.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.24%			
50) Toluene-d8	10.18	98	318293	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.32%			
62) 4-Bromofluorobenzene	12.48	95	98456	45.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.80%			
Target Compounds						Qvalue
10) Methyl Iodide	4.10	142	25	4.624	ug/l #	1
11) Tert butyl alcohol	4.97	59	70	Below Cal	#	73
16) Acetone	3.97	43	1137	2.396	ug/l #	83
20) Methylene Chloride	4.72	84	4209	3.149	ug/l	94
29) Tetrahydrofuran	7.36	42	1224	3.947	ug/l	95
31) Cyclohexane	7.79	56	2715	1.259	ug/l #	10
36) 1,1-Dichloropropene	7.80	75	9306	3.859	ug/l #	49
38) Carbon Tetrachloride	7.80	117	12422	4.966	ug/l #	17
51) 4-Methyl-2-Pentanone	10.18	43	1457	1.016	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	52506	45.321	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	52506	94.593	ug/l #	12

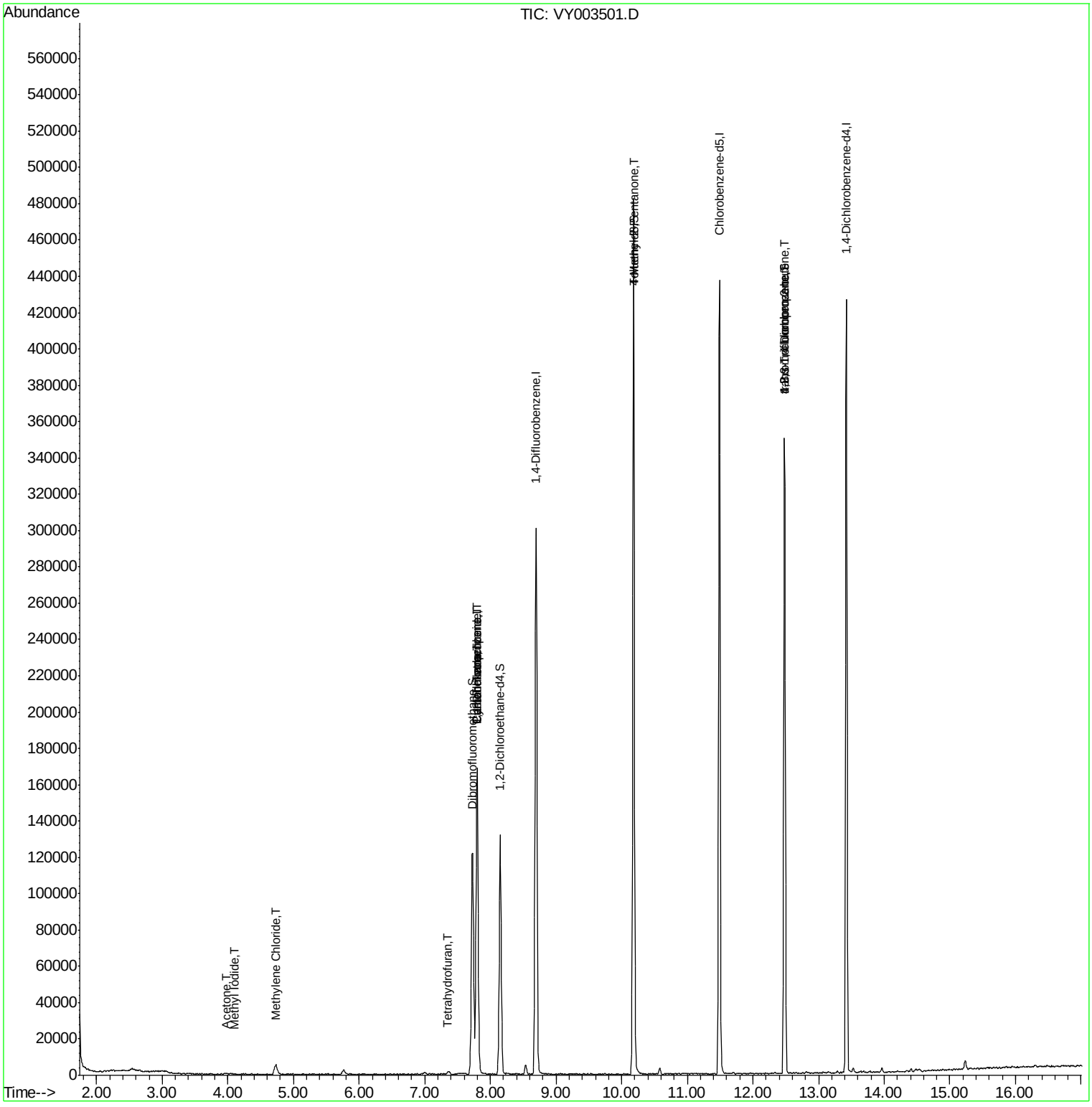
(#) = qualifier out of range (m) = manual integration (+) = signals summed

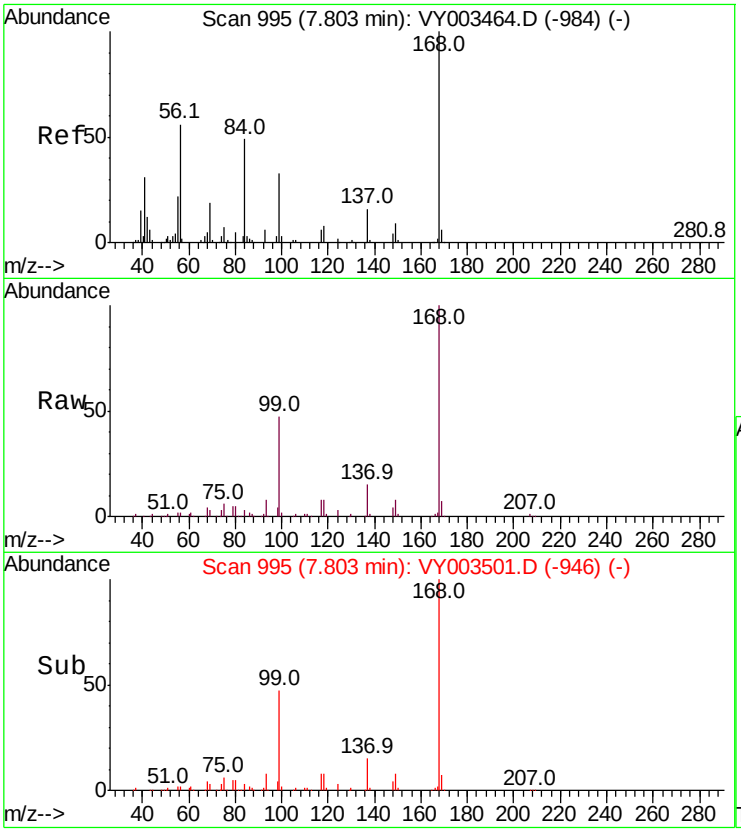
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110320\
Data File : VY003501.D
Acq On : 03 Nov 2020 18:34
Operator : SY/MD
Sample : L4609-01
Misc : 6.57G/5ML/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 12016

Quant Time: Nov 04 00:25:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 02 12:40:51 2020
Response via : Initial Calibration



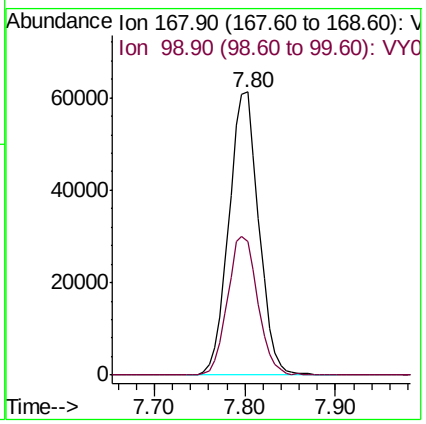


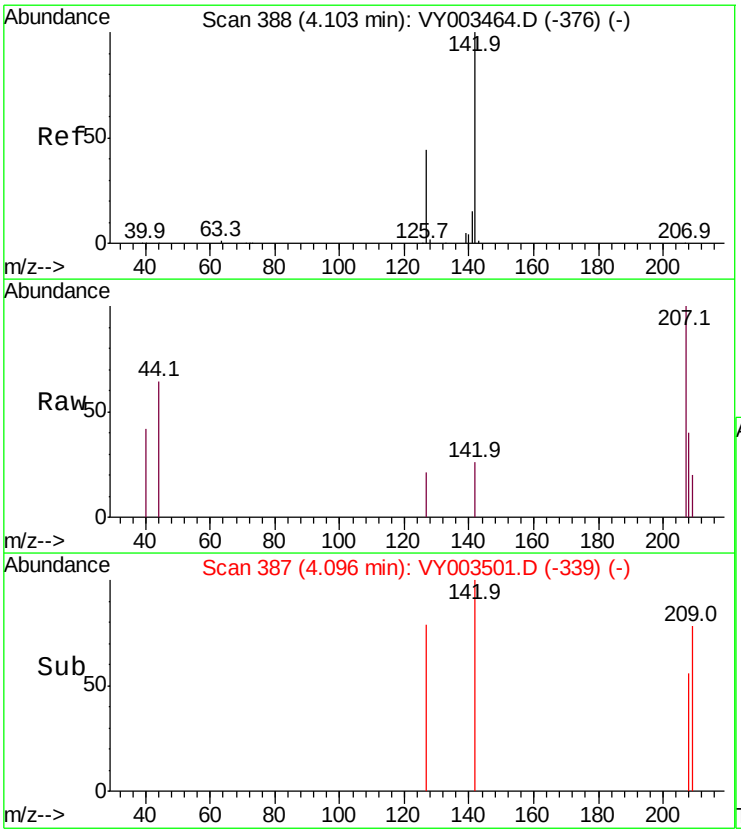
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY003501.D
Acq: 03 Nov 2020 18:34

Instrument :
MSVOA_Y
ClientSampleId :
12016

Tgt Ion:168 Resp: 140322

Ion	Ratio	Lower	Upper
168	100		
99	47.1	39.7	59.5

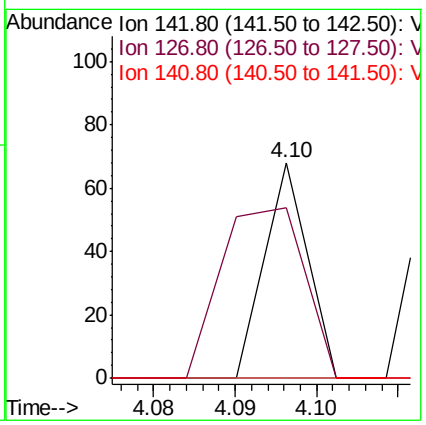


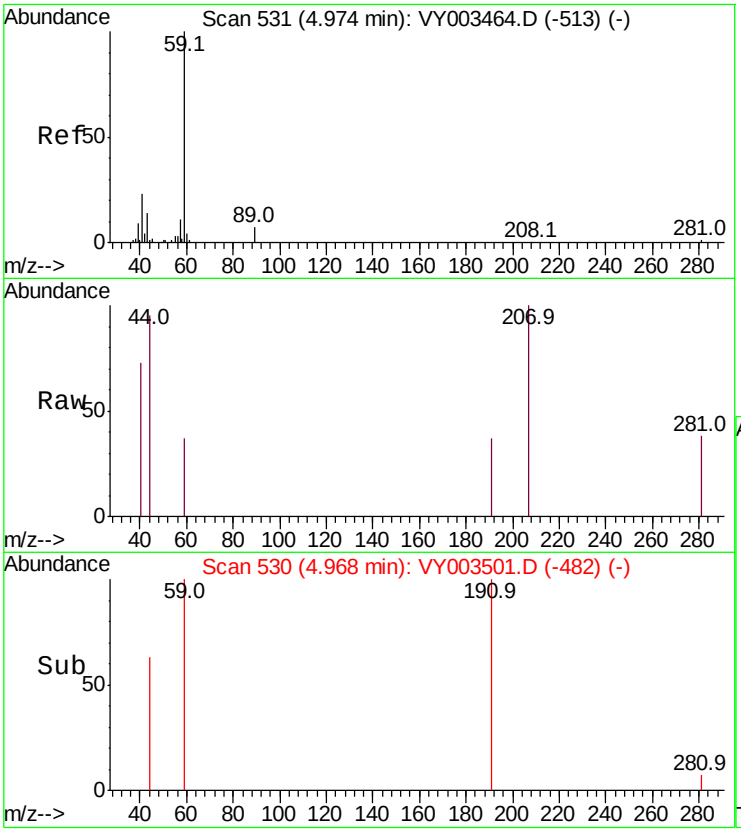


#10
Methyl Iodide
Concen: 4.624 ug/l
RT: 4.10 min Scan# 387
Delta R.T. -0.01 min
Lab File: VY003501.D
Acq: 03 Nov 2020 18:34

Tgt Ion:142 Resp: 25

Ion	Ratio	Lower	Upper
142	100		
127	152.0	34.5	51.7#
141	0.0	11.8	17.8#



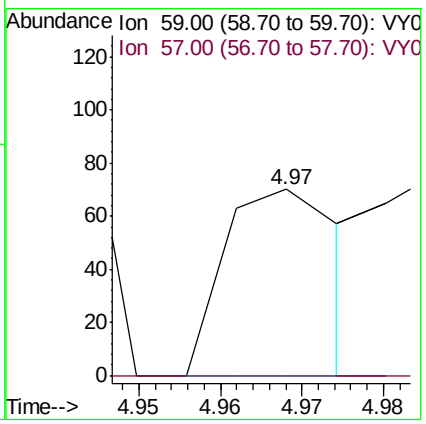


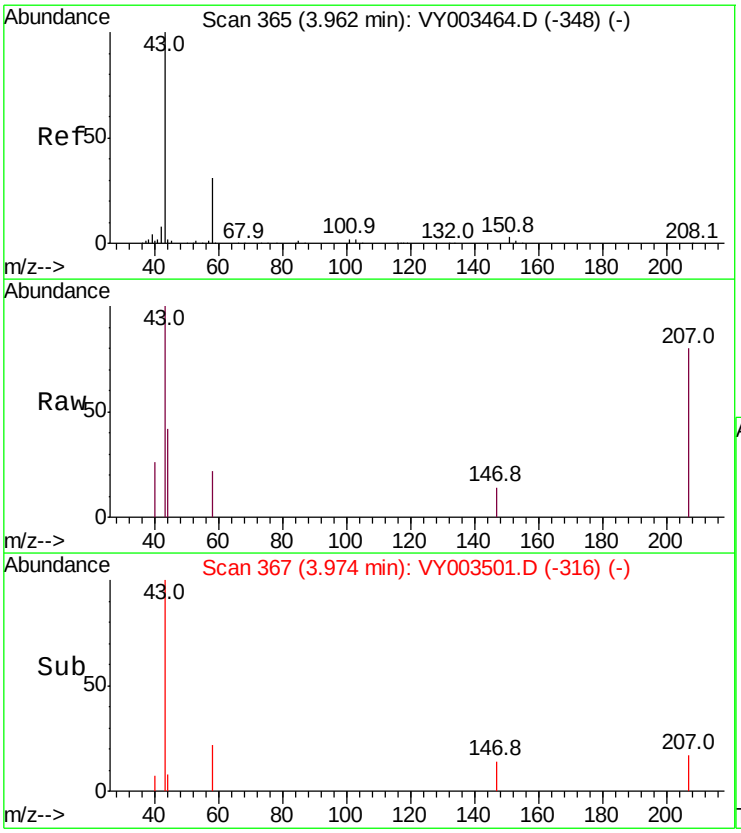
#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.97 min Scan# 530
Delta R.T. -0.01 min
Lab File: VY003501.D
Acq: 03 Nov 2020 18:34

Instrument :
MSVOA_Y
ClientSampleId :
12016

Tgt Ion: 59 Resp: 70

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#

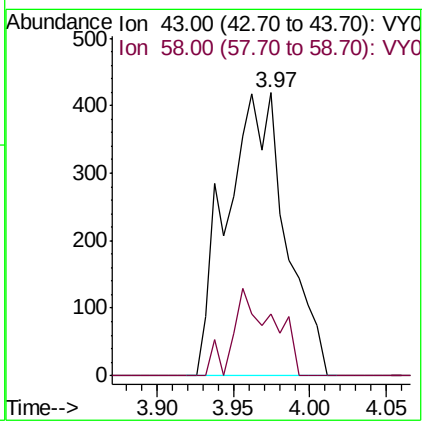


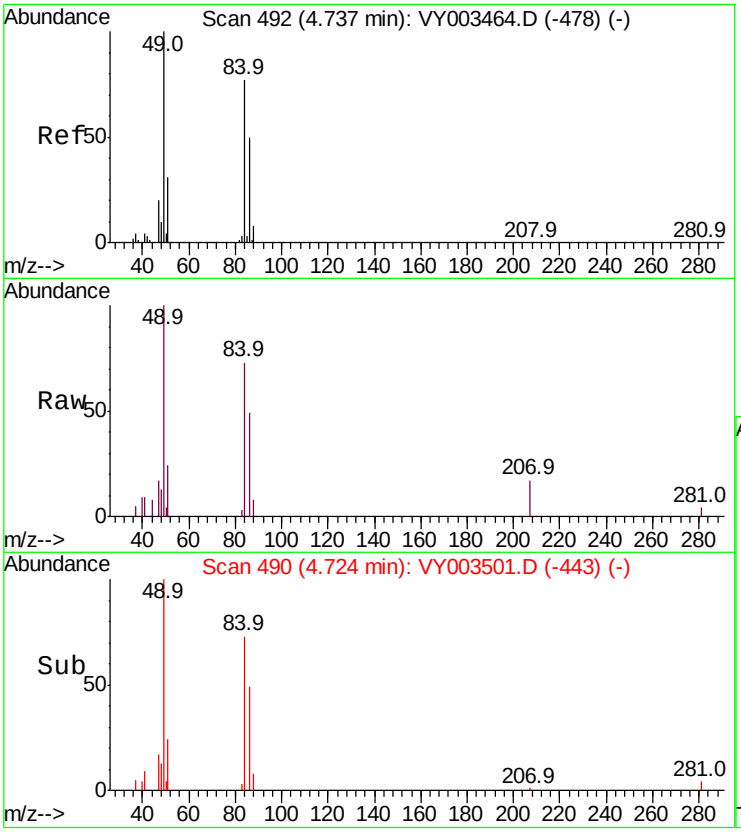


#16
Acetone
Concen: 2.396 ug/l
RT: 3.97 min Scan# 367
Delta R.T. 0.01 min
Lab File: VY003501.D
Acq: 03 Nov 2020 18:34

Tgt Ion: 43 Resp: 1137

Ion	Ratio	Lower	Upper
43	100		
58	21.7	25.0	37.4#



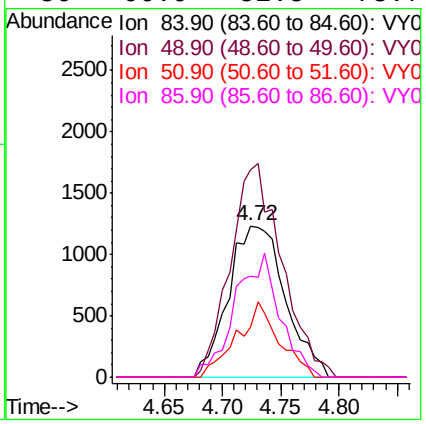


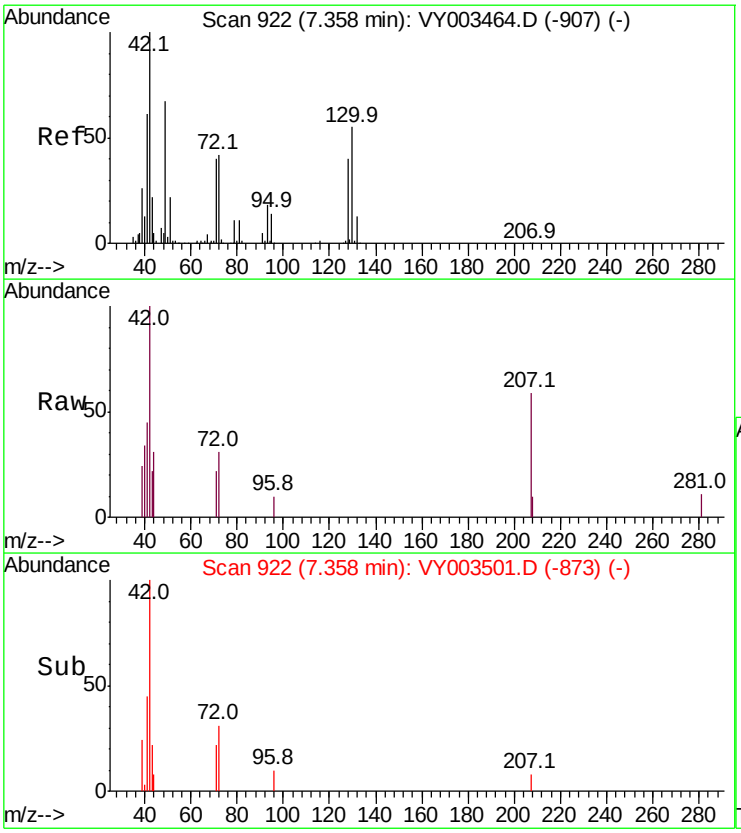
#20
Methylene Chloride
Concen: 3.149 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY003501.D
Acq: 03 Nov 2020 18:34

Instrument : MSVOA_Y
ClientSampleId : 12016

Tgt Ion: 84 Resp: 4209

Ion	Ratio	Lower	Upper
84	100		
49	136.7	104.3	156.5
51	33.0	32.5	48.7
86	66.9	52.5	78.7

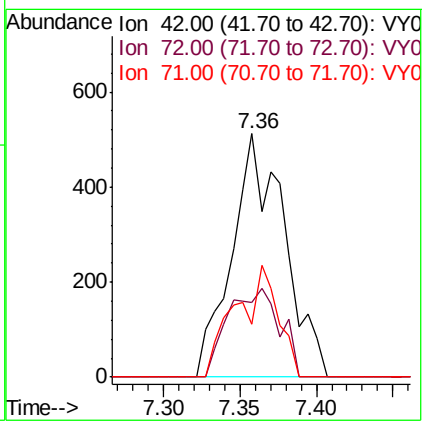


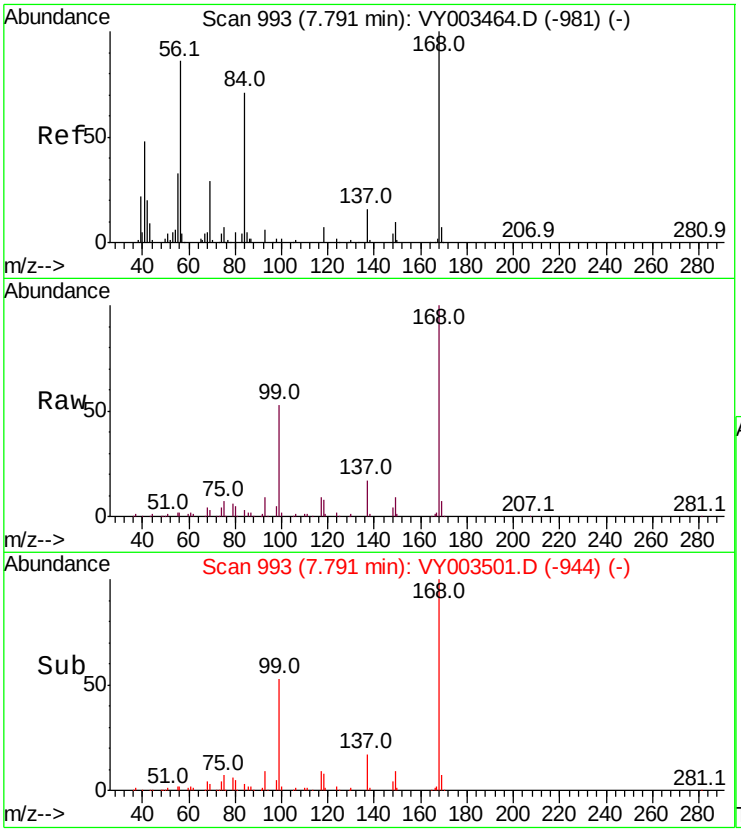


#29
Tetrahydrofuran
Concen: 3.947 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY003501.D
Acq: 03 Nov 2020 18:34

Tgt Ion: 42 Resp: 1224

Ion	Ratio	Lower	Upper
42	100		
72	35.9	32.8	49.2
71	37.0	30.7	46.1



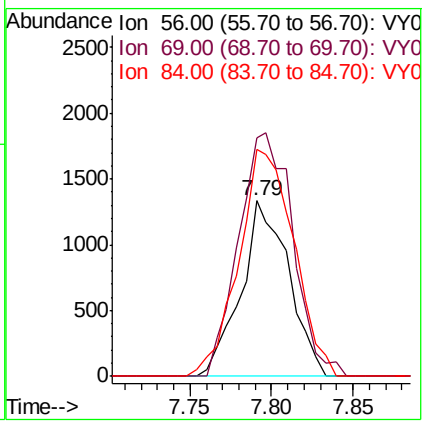


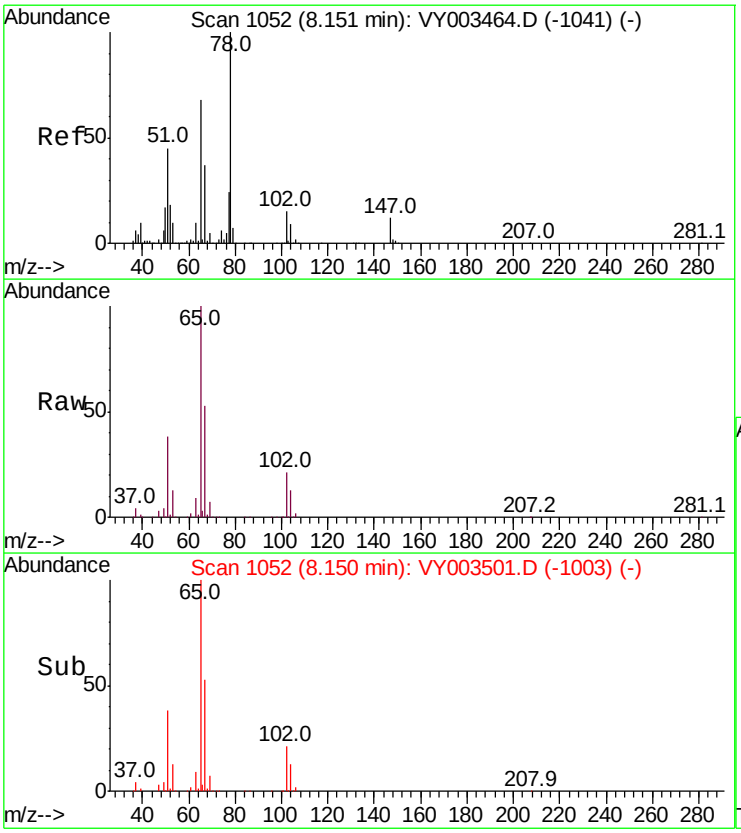
#31
Cyclohexane
Concen: 1.259 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003501.D
Acq: 03 Nov 2020 18:34

Instrument :
MSVOA_Y
ClientSampleId :
12016

Tgt Ion: 56 Resp: 2715

Ion	Ratio	Lower	Upper
56	100		
69	135.7	26.6	39.8#
84	129.7	65.9	98.9#

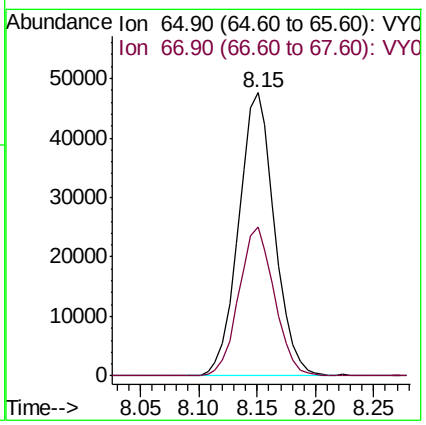


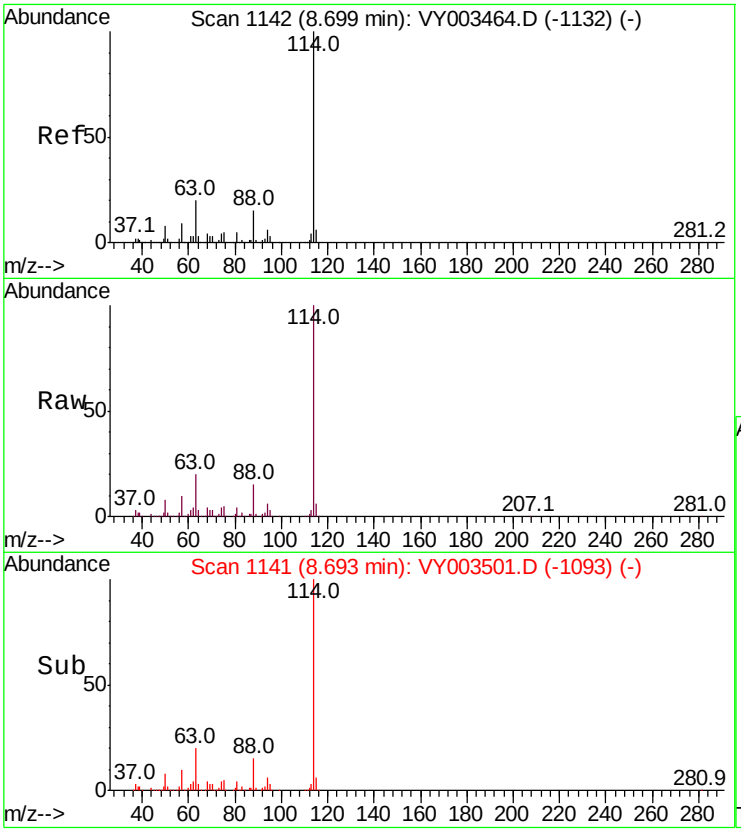


#33
1,2-Dichloroethane-d4
Concen: 71.035 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY003501.D
Acq: 03 Nov 2020 18:34

Tgt Ion: 65 Resp: 102188

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	106.0



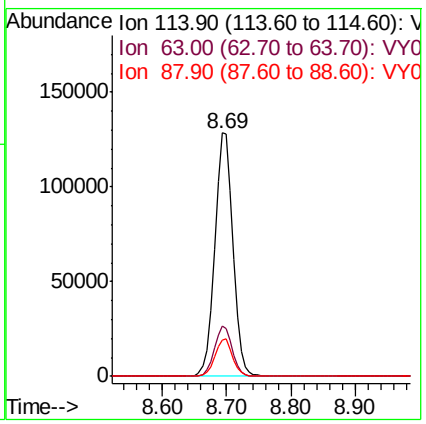


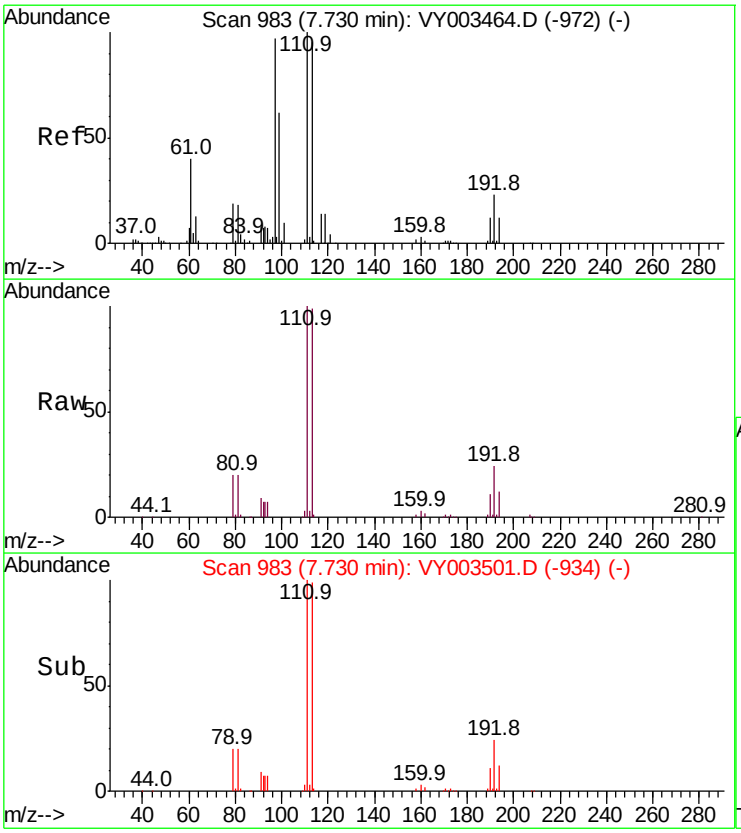
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VY003501.D
Acq: 03 Nov 2020 18:34

Instrument :
MSVOA_Y
ClientSampleId :
12016

Tgt Ion:114 Resp: 255759

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.6
88	15.1	0.0	29.4

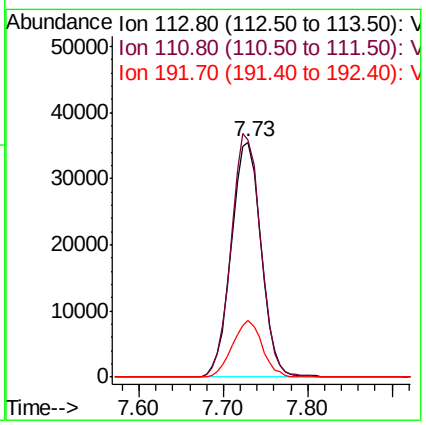


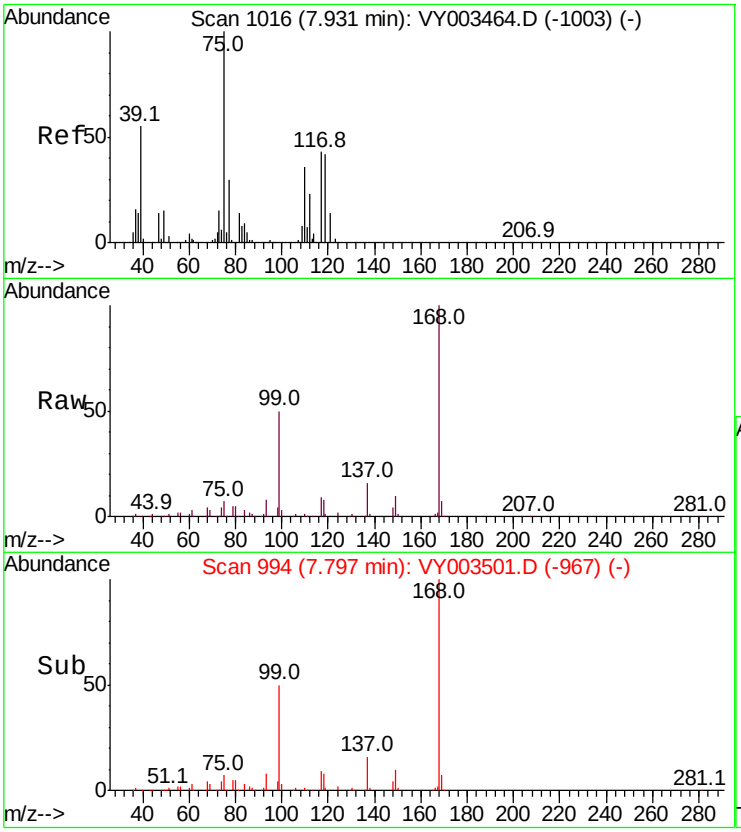


#35
Dibromofluoromethane
Concen: 54.623 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY003501.D
Acq: 03 Nov 2020 18:34

Tgt Ion:113 Resp: 85013

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.8	122.6
192	23.9	18.8	28.2



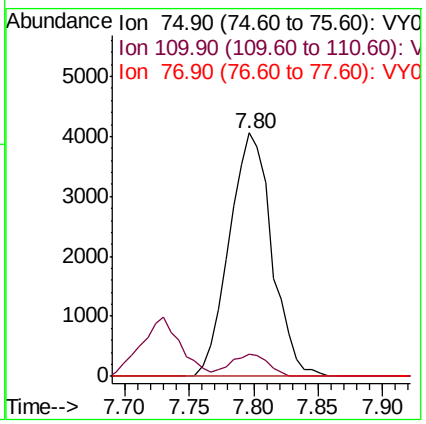


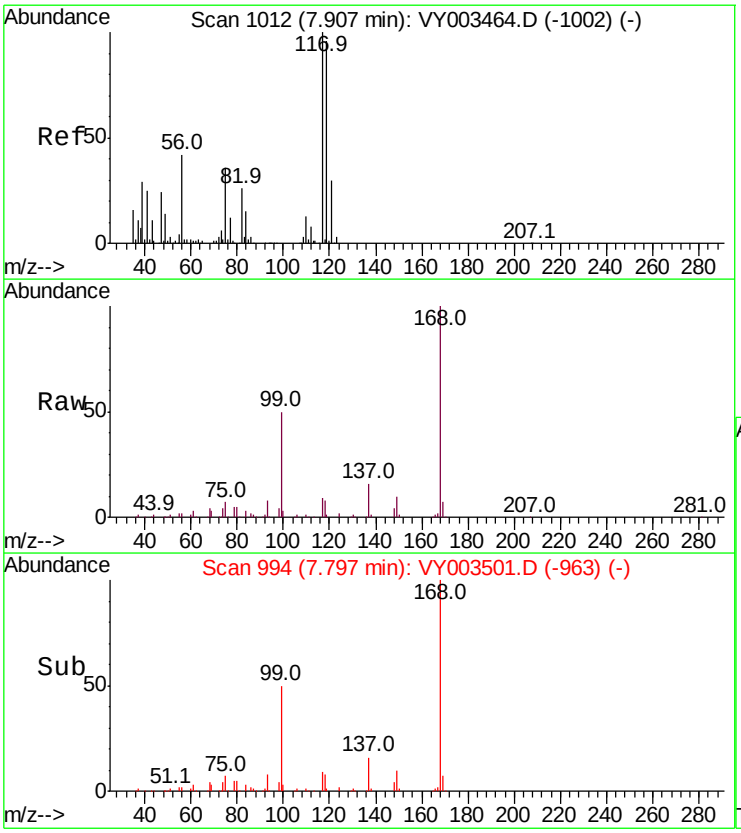
#36
1,1-Dichloropropene
Concen: 3.859 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY003501.D
Acq: 03 Nov 2020 18:34

Instrument :
MSVOA_Y
ClientSampleId :
12016

Tgt Ion: 75 Resp: 9306

Ion	Ratio	Lower	Upper
75	100		
110	8.1	17.6	52.9#
77	0.0	24.7	37.1#

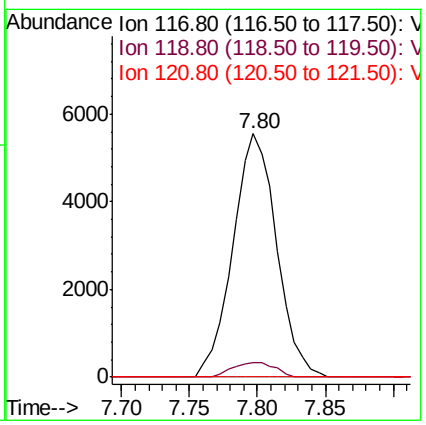


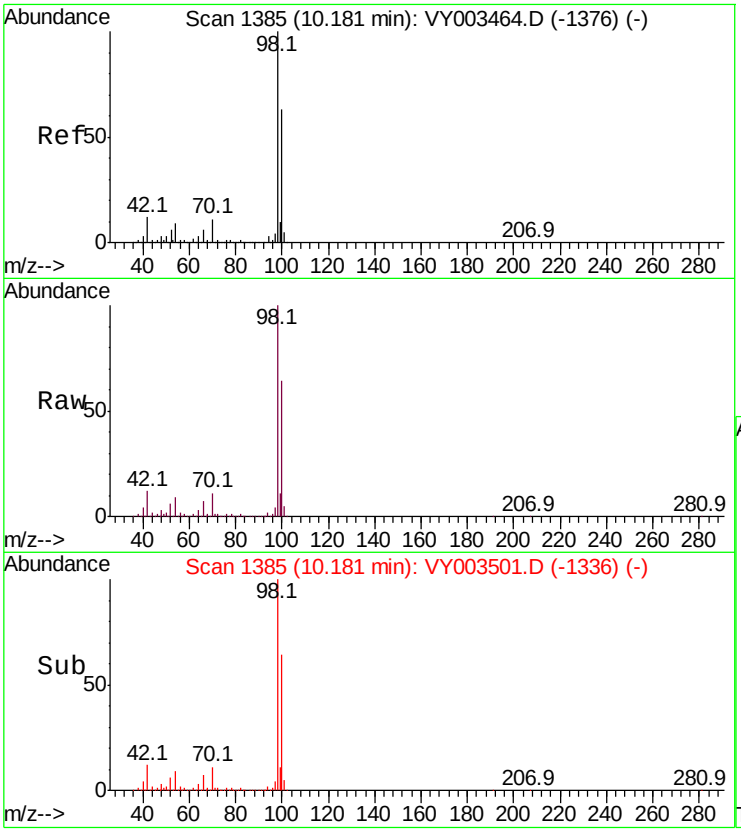


#38
Carbon Tetrachloride
Concen: 4.966 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY003501.D
Acq: 03 Nov 2020 18:34

Tgt Ion:117 Resp: 12422

Ion	Ratio	Lower	Upper
117	100		
119	6.2	76.2	114.4#
121	0.0	24.2	36.4#



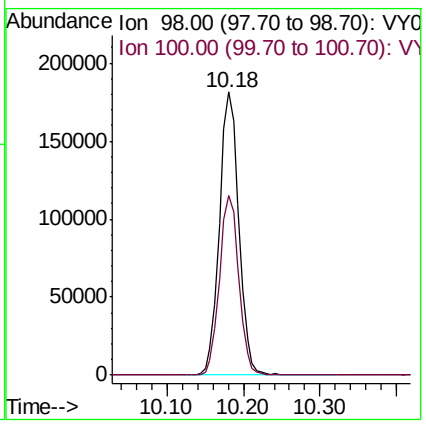


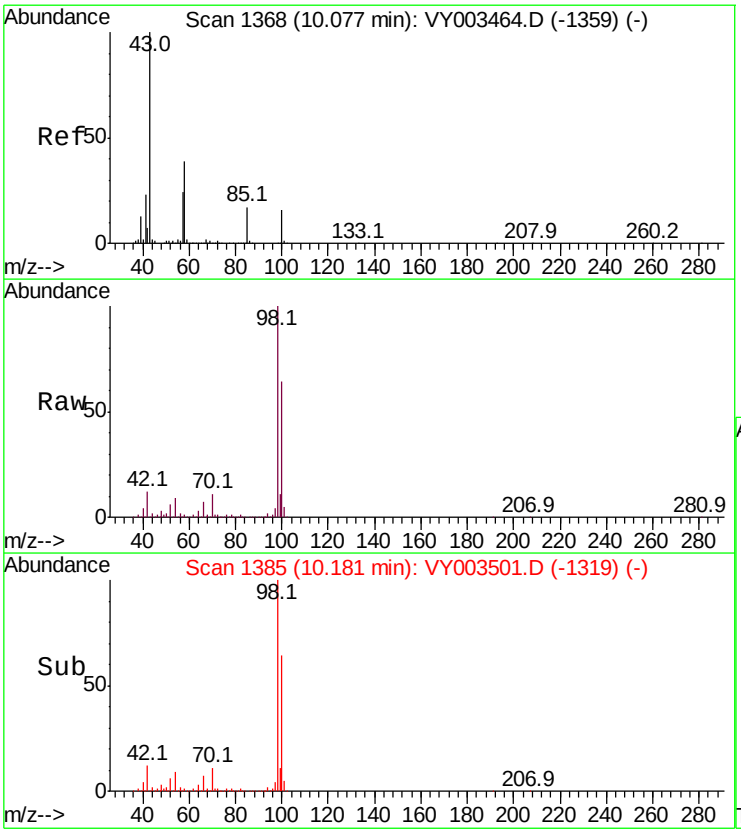
#50
Toluene-d8
Concen: 49.160 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003501.D
Acq: 03 Nov 2020 18:34

Instrument :
MSVOA_Y
ClientSampleId :
12016

Tgt Ion: 98 Resp: 318293

Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.9	76.3

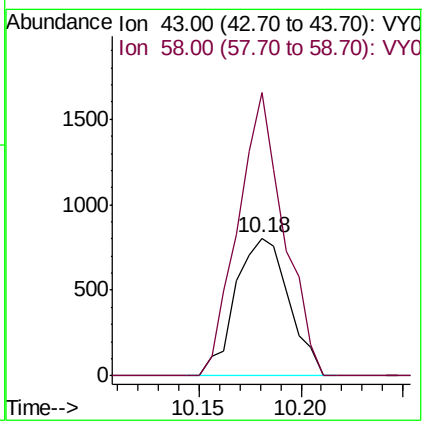


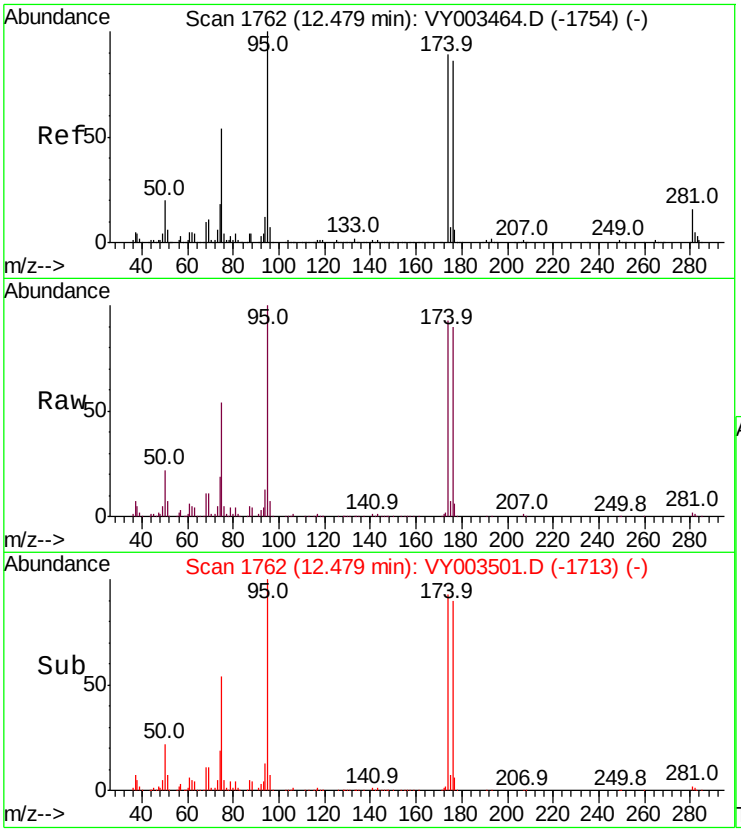


#51
4-Methyl-2-Pentanone
Concen: 1.016 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.10 min
Lab File: VY003501.D
Acq: 03 Nov 2020 18:34

Tgt Ion: 43 Resp: 1457

Ion	Ratio	Lower	Upper
43	100		
58	178.2	31.0	46.4#



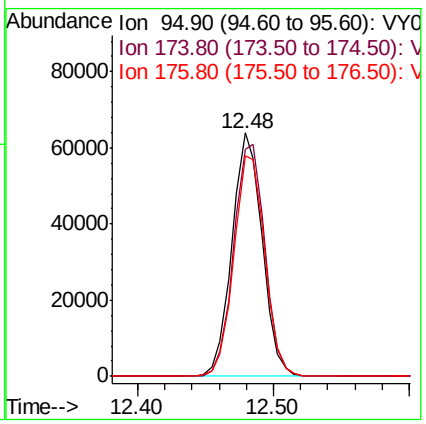


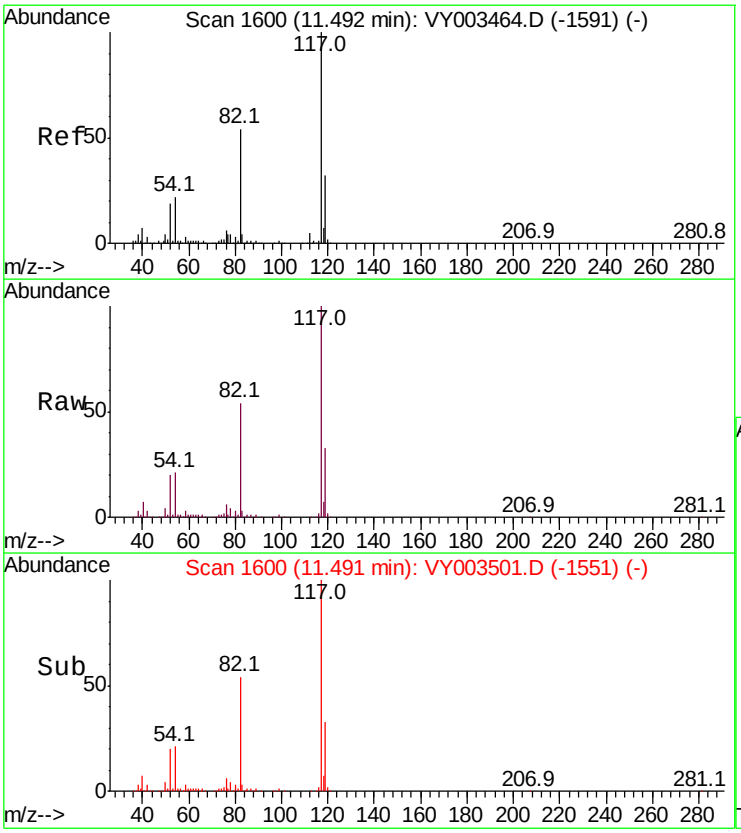
#62
4-Bromofluorobenzene
Concen: 45.896 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003501.D
Acq: 03 Nov 2020 18:34

Instrument : MSVOA_Y
ClientSampleId : 12016

Tgt Ion: 95 Resp: 98456

Ion	Ratio	Lower	Upper
95	100		
174	98.3	0.0	193.0
176	93.1	0.0	187.4

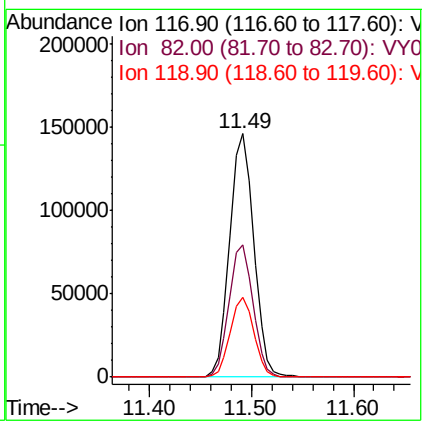


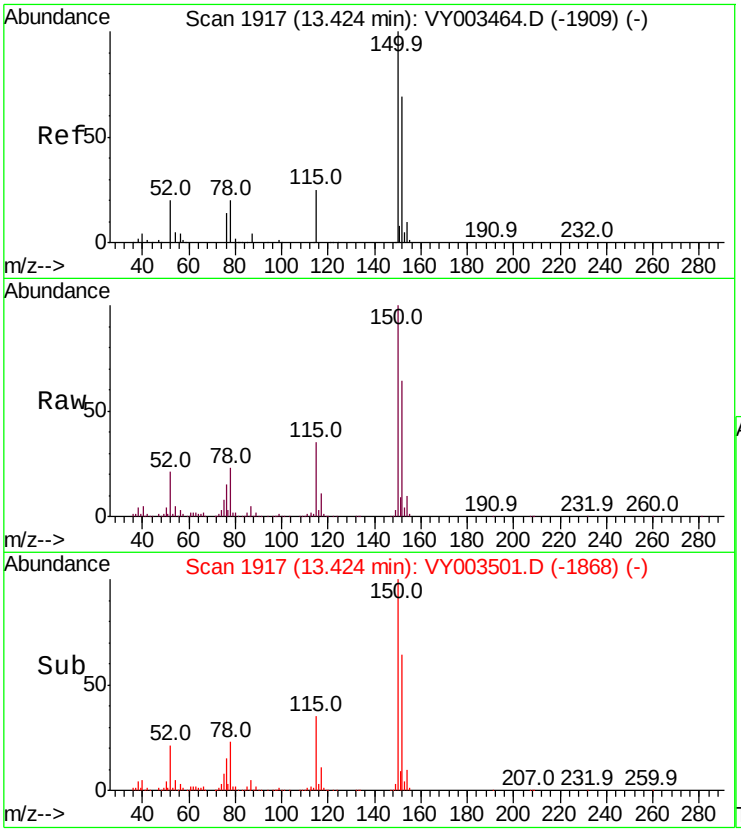


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003501.D
Acq: 03 Nov 2020 18:34

Tgt Ion:117 Resp: 237162

Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.4	65.2
119	32.8	25.8	38.6



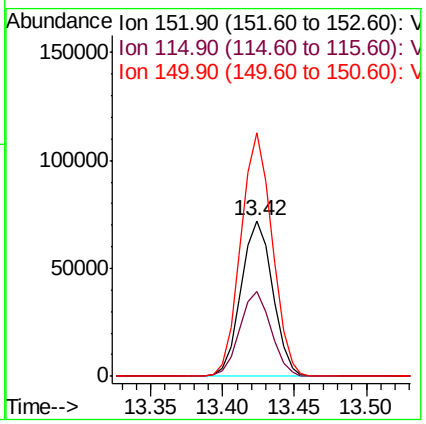


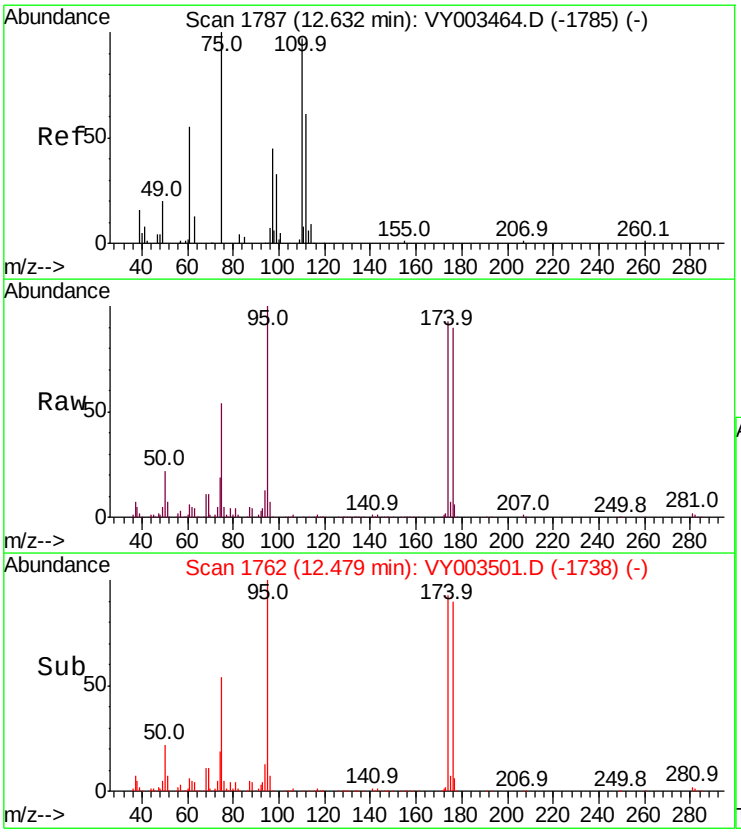
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003501.D
Acq: 03 Nov 2020 18:34

Instrument : MSVOA_Y
ClientSampleId : 12016

Tgt Ion:152 Resp: 109495

Ion	Ratio	Lower	Upper
152	100		
115	53.8	27.5	82.4
150	155.2	0.0	345.8

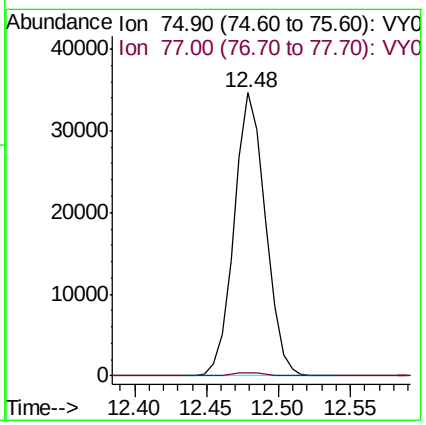


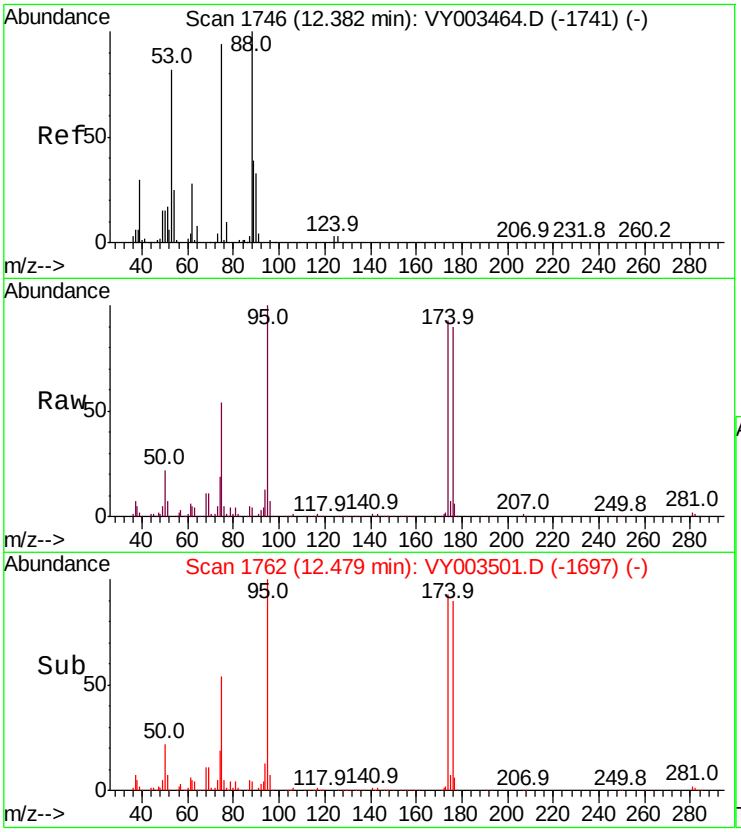


#76
1,2,3-Trichloropropane
Concen: 45.321 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003501.D
Acq: 03 Nov 2020 18:34

Tgt Ion: 75 Resp: 52506

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 94.593 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY003501.D
Acq: 03 Nov 2020 18:34

Instrument :
MSVOA_Y
ClientSampleId :
12016

Tgt Ion: 75 Resp: 52506

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.7	112.1#
89	0.2	35.8	53.8#