Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012720\
Data File : VY001406.D
Acq On : 27 Jan 2020 15:22
Operator : SY/MD
Sample : L1247-09RE
Misc : 7.29G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-7-6RE

Quant Time: Jan 27 16:14:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	2295	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.70	114	4128	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	3728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	1161	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	1510	60.47	ug/l	-0.02
Spiked Amount 50.000			Recovery = 120.94%			
35) Dibromofluoromethane	7.72	113	1000	41.27	ug/l	-0.02
Spiked Amount 50.000			Recovery = 82.54%			
50) Toluene-d8	10.18	98	4412	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.74%			
62) 4-Bromofluorobenzene	12.47	95	1584	42.26	ug/l	-0.01
Spiked Amount 50.000			Recovery = 84.52%			
Target Compounds						Qvalue
3) Chloromethane	2.12	50	157	5.74	ug/l #	43
5) Bromomethane	2.68	94	53	2.76	ug/l #	3
6) Chloroethane	2.77	64	20	1.10	ug/l #	41
10) Methyl Iodide	4.12	142	55	1.79	ug/l #	44
13) Acrolein	3.86	56	20	Below Cal	#	15
16) Acetone	3.96	43	998	148.63	ug/l #	66
20) Methylene Chloride	4.74	84	123	Below Cal	#	59
29) Tetrahydrofuran	7.18	42	41	5.80	ug/l #	34
36) 1,1-Dichloropropene	7.82	75	155	3.97	ug/l #	41
38) Carbon Tetrachloride	7.80	117	80	2.30	ug/l #	12
41) Methacrylonitrile	7.33	41	32	2.60	ug/l #	100
48) Methyl methacrylate	9.27	41	67	3.18	ug/l #	12
51) 4-Methyl-2-Pentanone	10.07	43	28	1.17	ug/l #	36
52) Toluene	10.24	92	203	2.74	ug/l	93
59) 2-Hexanone	10.89	43	25	1.51	ug/l #	24
61) 1,2-Dibromoethane	11.27	107	42	1.90	ug/l #	3
74) N-amyl acetate	12.17	43	116	3.87	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	12.57	83	22	1.12	ug/l #	26
76) 1,2,3-Trichloropropane	12.49	75	777	55.54	ug/l #	100
77) Bromobenzene	12.56	156	50	2.46	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.49	75	777	105.10	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.13	105	296	3.86	ug/l #	31
89) n-Butylbenzene	13.65	91	1076	13.25	ug/l #	49
90) Hexachloroethane	14.03	117	50	3.27	ug/l #	15
92) 1,2-Dibromo-3-Chloropropan	14.39	75	26	7.68	ug/l #	1
95) Naphthalene	15.23	128	561	10.14	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.43	180	30	1.41	ug/l #	61

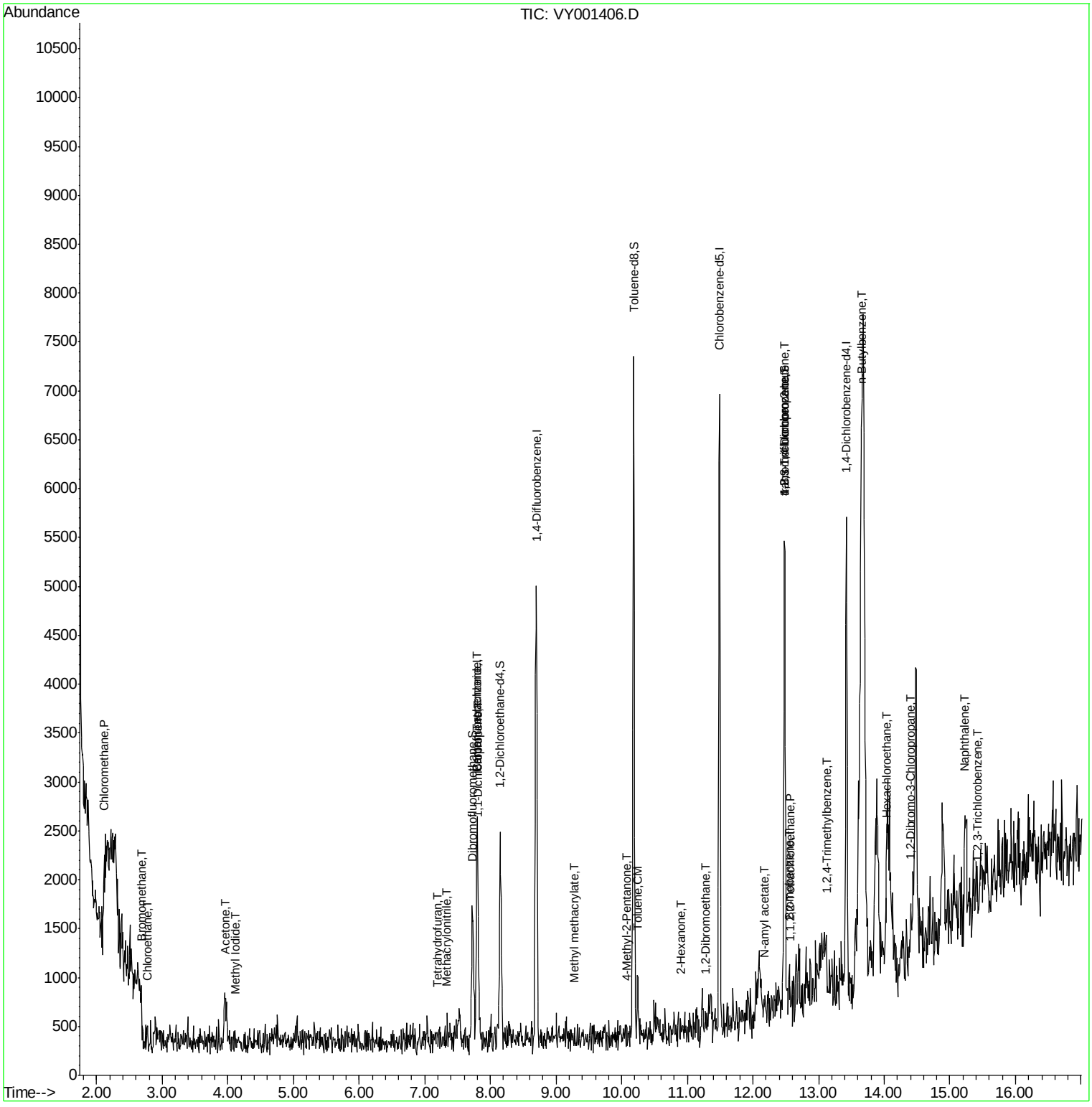
(#) = qualifier out of range (m) = manual integration (+) = signals summed

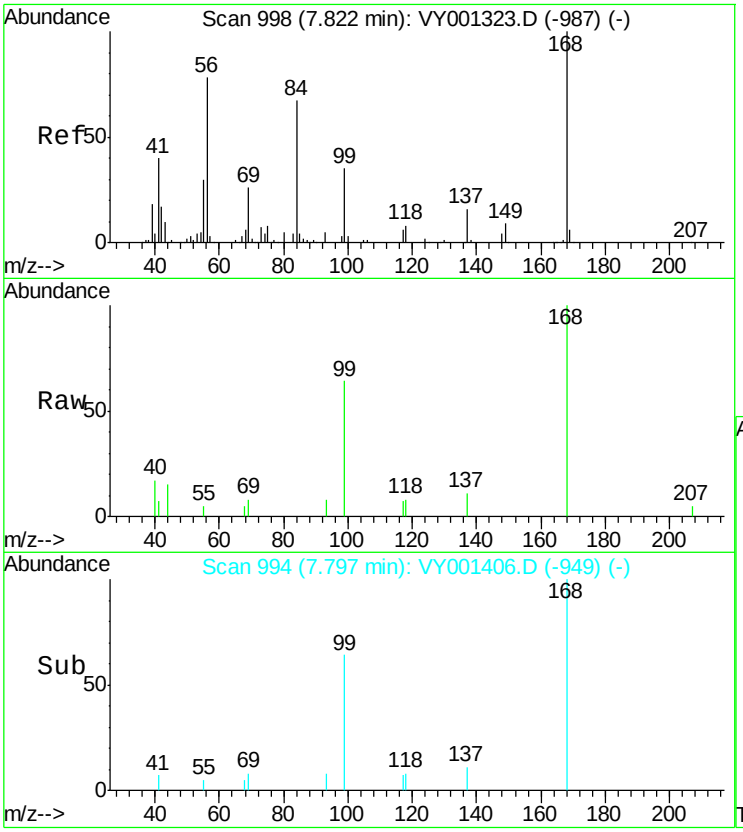
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012720\
Data File : VY001406.D
Acq On : 27 Jan 2020 15:22
Operator : SY/MD
Sample : L1247-09RE
Misc : 7.29G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-7-6RE

Quant Time: Jan 27 16:14:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration



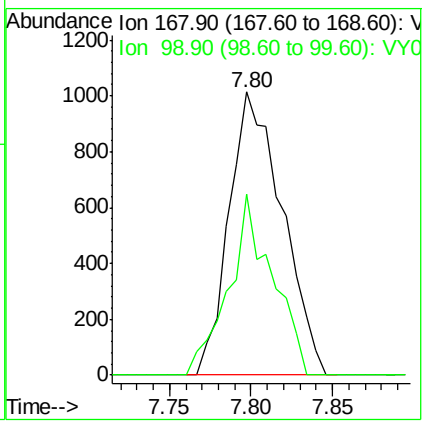


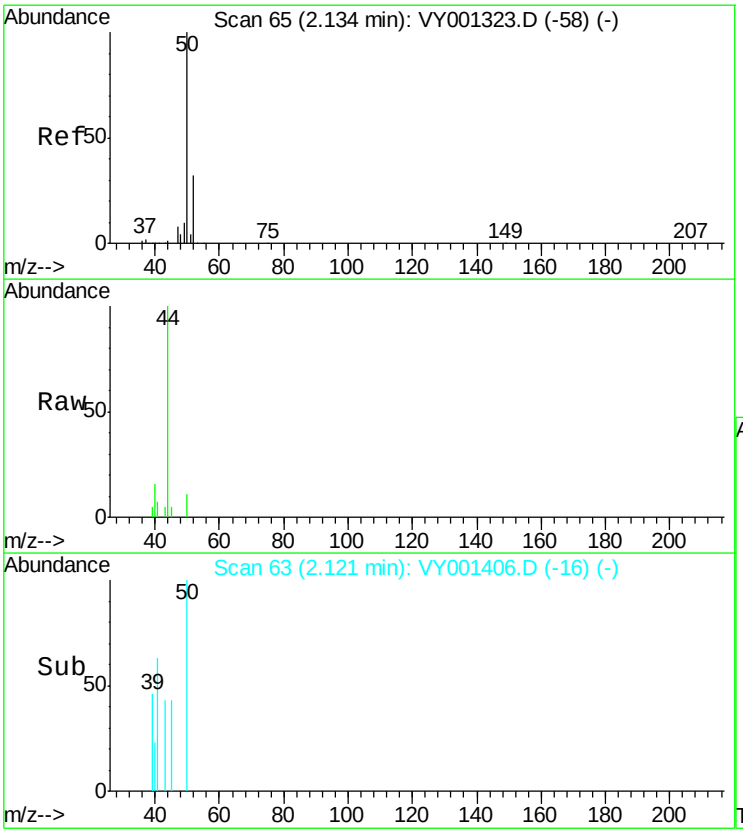
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.02 min
Lab File: VY001406.D
Acq: 27 Jan 2020 15:22

Instrument :
MSVOA_Y
ClientSampleId :
TP-7-6RE

Tgt Ion:168 Resp: 2295

Ion	Ratio	Lower	Upper
168	100		
99	64.2	44.3	66.5

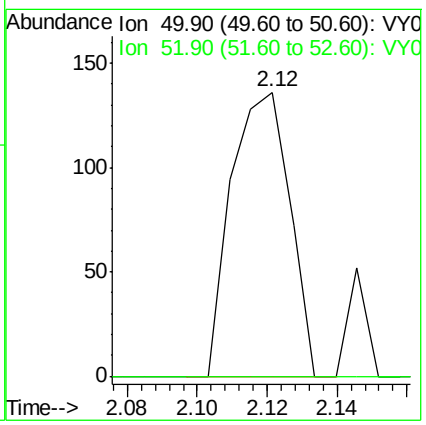


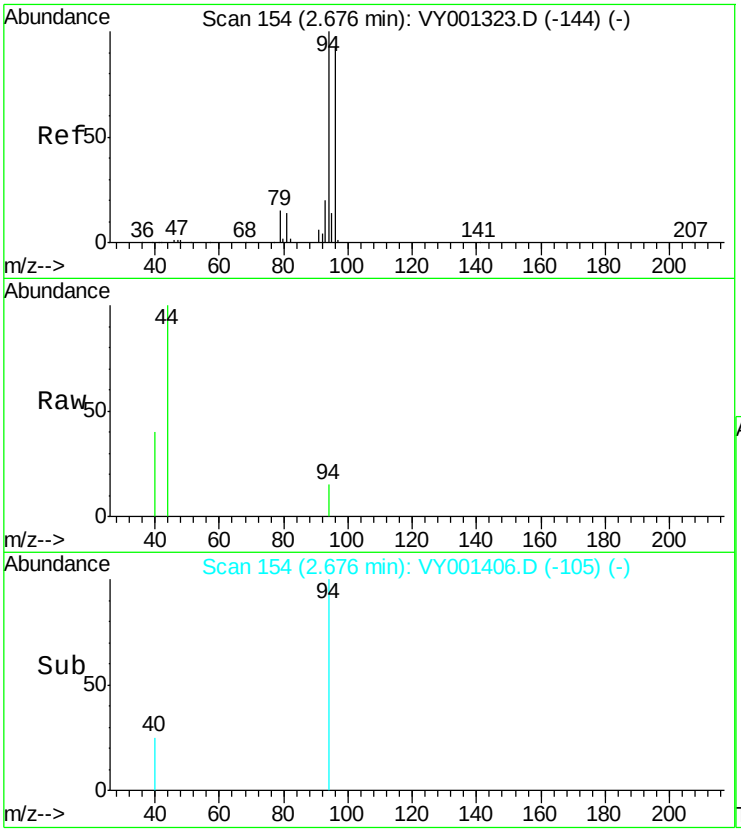


#3
Chloromethane
Concen: 5.74 ug/l
RT: 2.12 min Scan# 63
Delta R.T. -0.01 min
Lab File: VY001406.D
Acq: 27 Jan 2020 15:22

Tgt Ion: 50 Resp: 157

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.7	38.5#



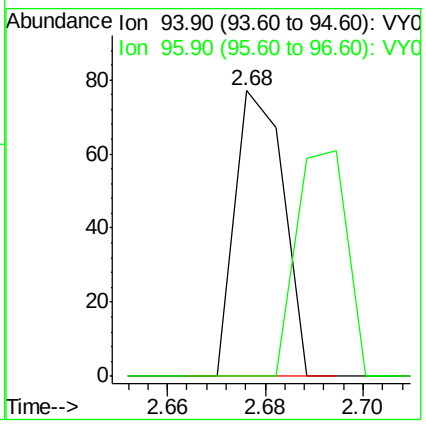


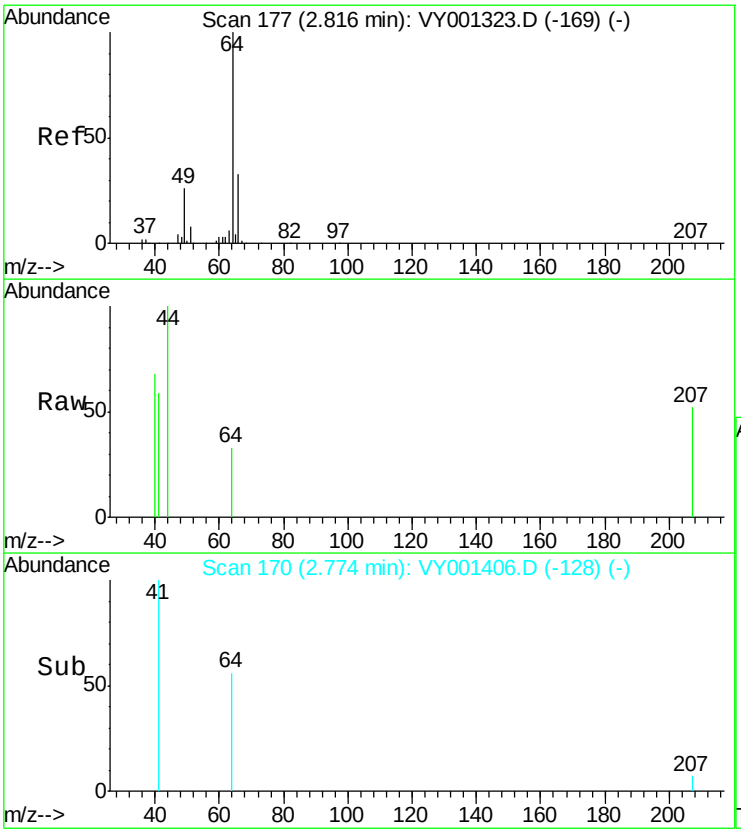
#5
Bromomethane
Concen: 2.76 ug/l
RT: 2.68 min Scan# 154
Delta R.T. -0.00 min
Lab File: VY001406.D
Acq: 27 Jan 2020 15:22

Instrument :
MSVOA_Y
ClientSampleId :
TP-7-6RE

Tgt Ion: 94 Resp: 53

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.6	111.8#

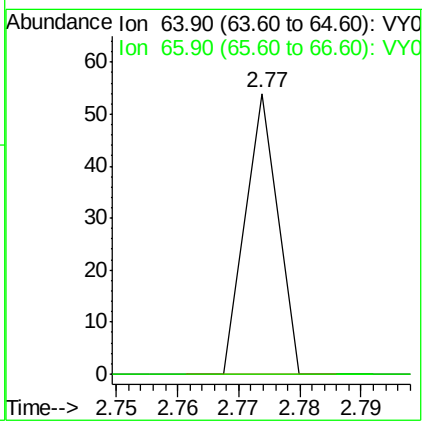


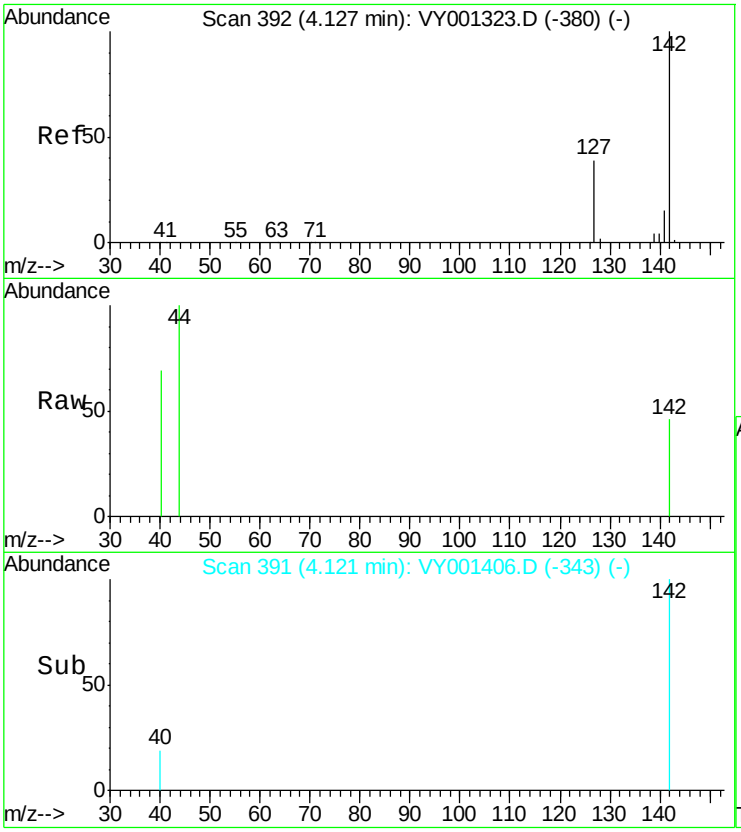


#6
Chloroethane
Concen: 1.10 ug/l
RT: 2.77 min Scan# 170
Delta R.T. -0.04 min
Lab File: VY001406.D
Acq: 27 Jan 2020 15:22

Tgt Ion: 64 Resp: 20

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.8	40.2#



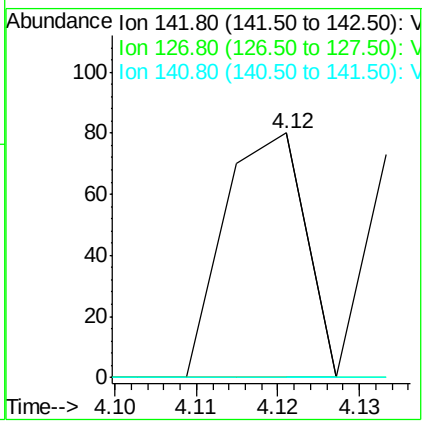


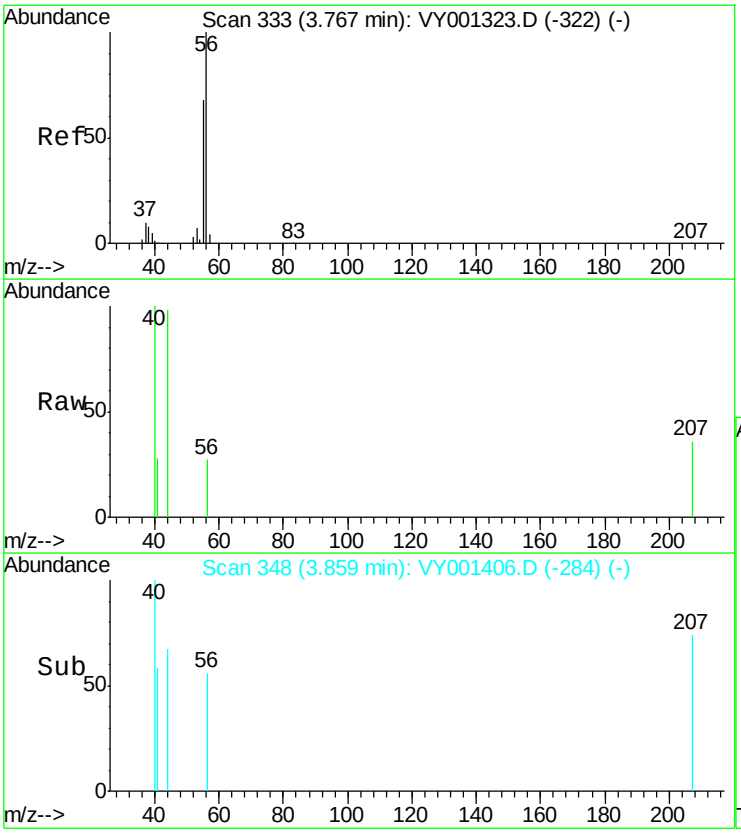
#10
Methyl Iodide
Concen: 1.79 ug/l
RT: 4.12 min Scan# 391
Delta R.T. -0.01 min
Lab File: VY001406.D
Acq: 27 Jan 2020 15:22

Instrument :
MSVOA_Y
ClientSampleId :
TP-7-6RE

Tgt Ion:142 Resp: 55

Ion	Ratio	Lower	Upper
142	100		
127	0.0	31.6	47.4#
141	0.0	11.2	16.8#

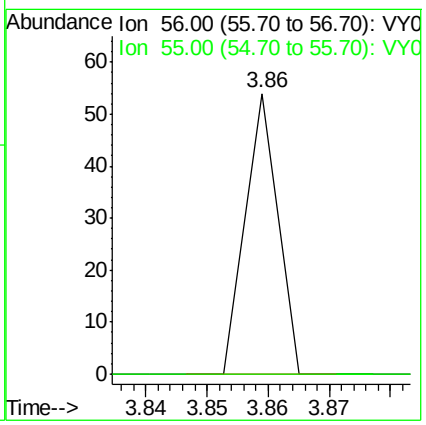


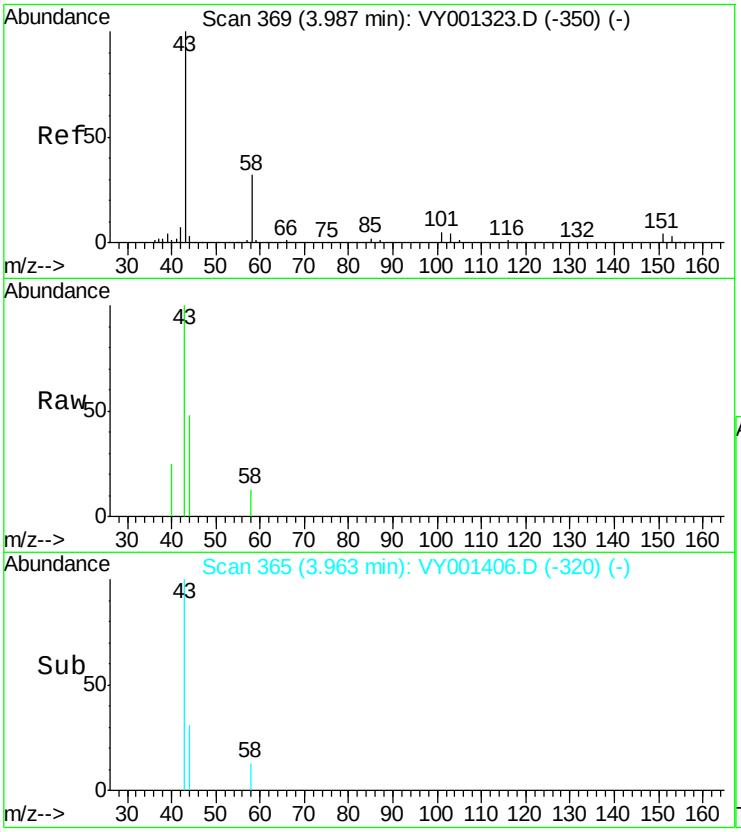


#13
Acrolein
Concen: Below Cal
RT: 3.86 min Scan# 348
Delta R.T. 0.09 min
Lab File: VY001406.D
Acq: 27 Jan 2020 15:22

Tgt Ion: 56 Resp: 20

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.9	83.9#



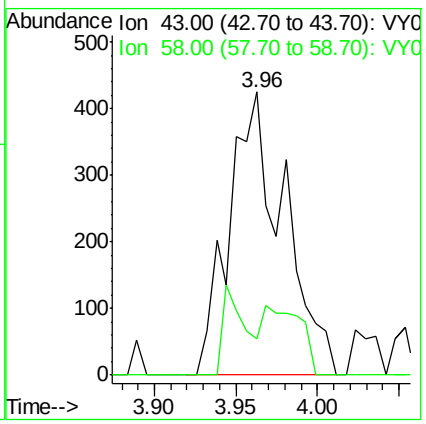


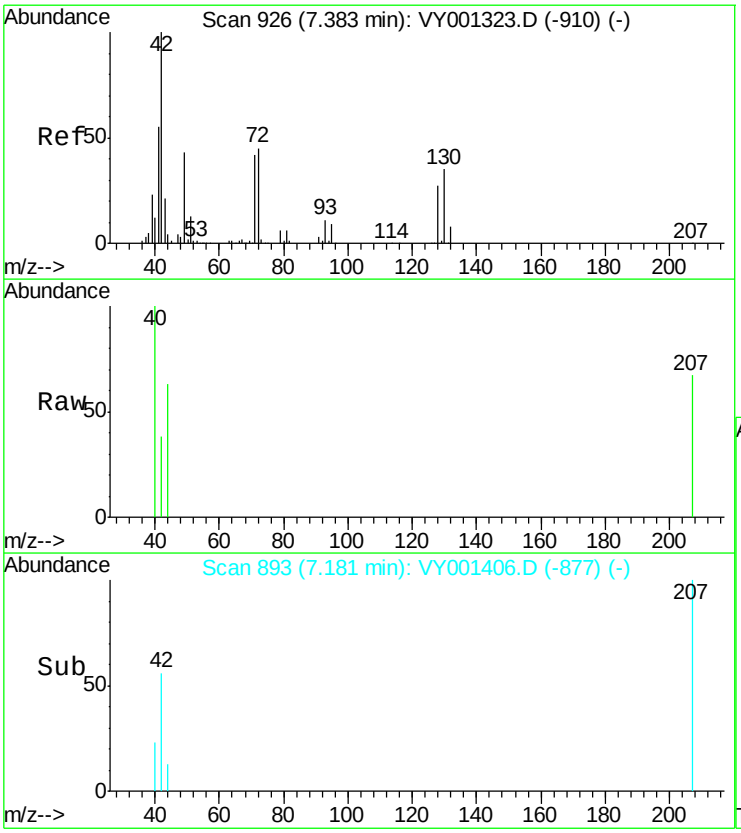
#16
Acetone
Concen: 148.63 ug/l
RT: 3.96 min Scan# 365
Delta R.T. -0.02 min
Lab File: VY001406.D
Acq: 27 Jan 2020 15:22

Instrument :
MSVOA_Y
ClientSampleId :
TP-7-6RE

Tgt Ion: 43 Resp: 998

Ion	Ratio	Lower	Upper
43	100		
58	12.9	25.4	38.0#

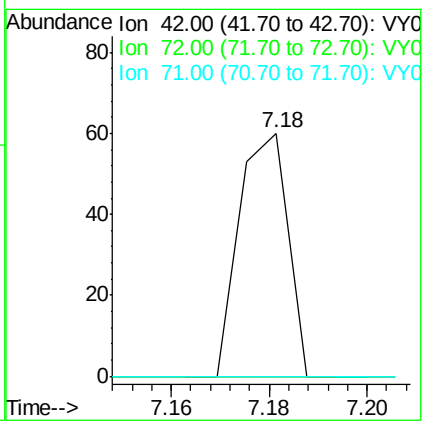


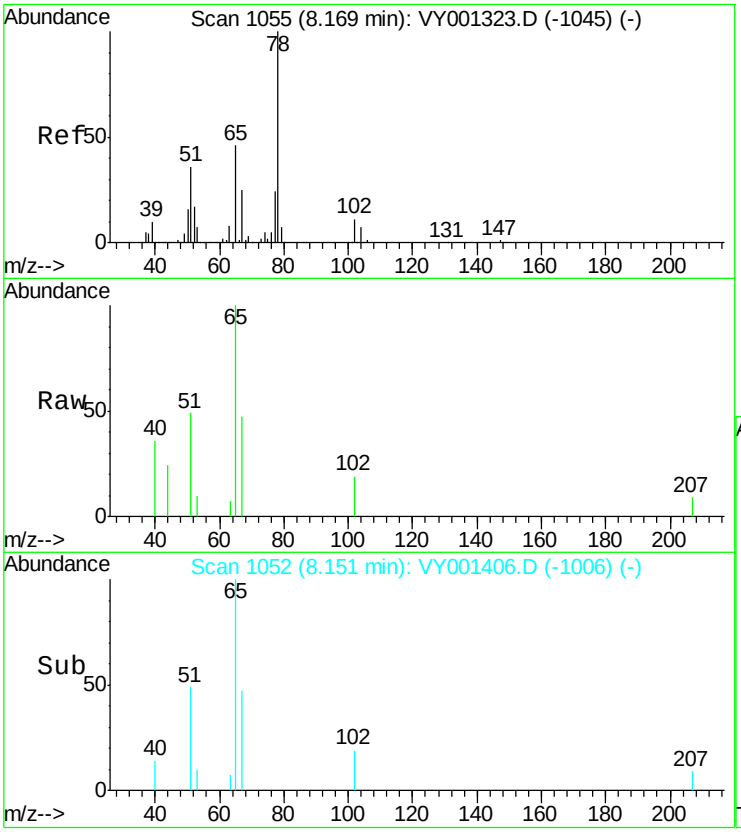


#29
Tetrahydrofuran
Concen: 5.80 ug/l
RT: 7.18 min Scan# 893
Delta R.T. -0.20 min
Lab File: VY001406.D
Acq: 27 Jan 2020 15:22

Tgt Ion: 42 Resp: 41

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.6	51.8#
71	0.0	32.6	48.8#



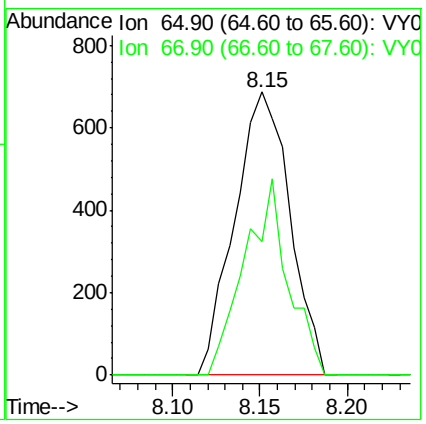


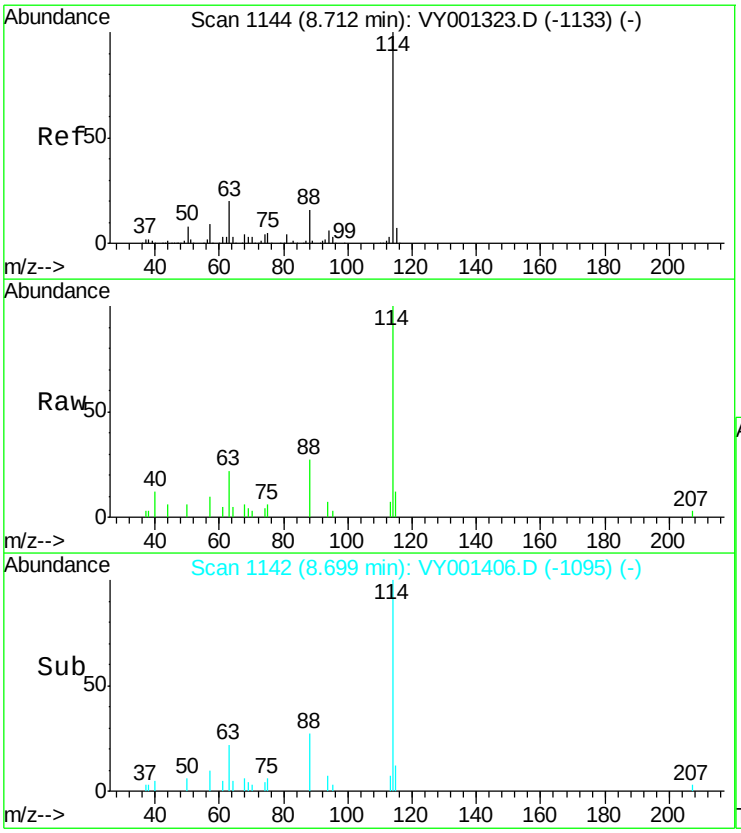
#33
1,2-Dichloroethane-d4
Concen: 60.47 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.02 min
Lab File: VY001406.D
Acq: 27 Jan 2020 15:22

Instrument :
MSVOA_Y
ClientSampleId :
TP-7-6RE

Tgt Ion: 65 Resp: 1510

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	108.6

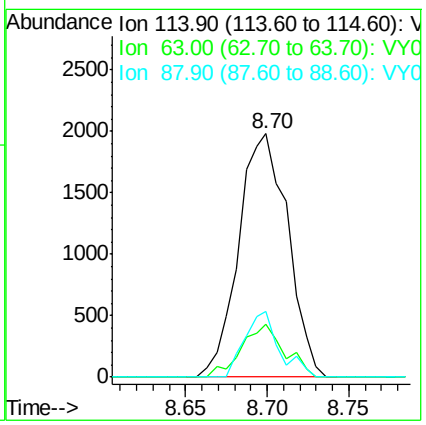


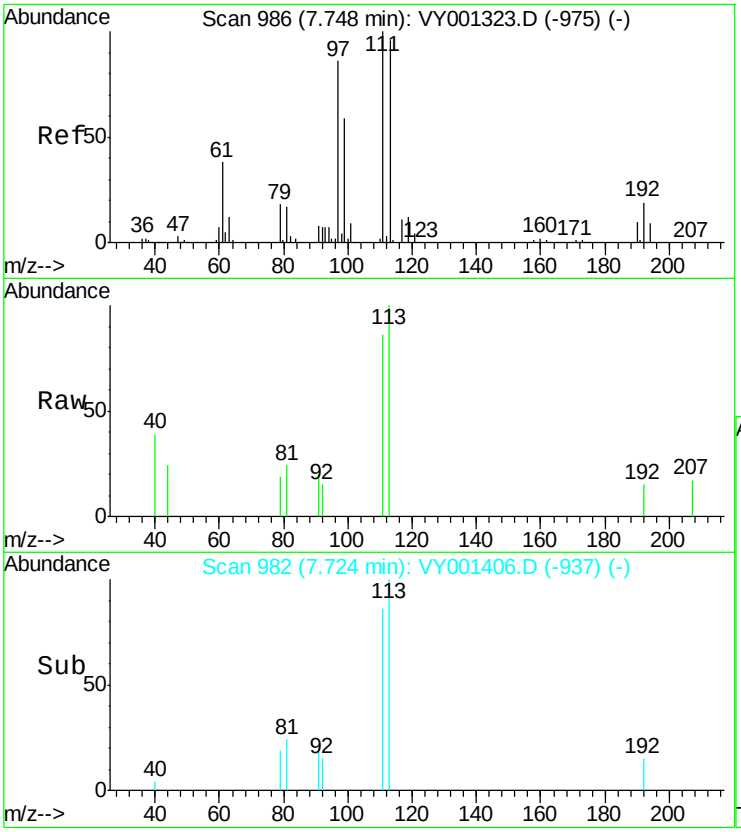


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY001406.D
Acq: 27 Jan 2020 15:22

Tgt Ion:114 Resp: 4128

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	40.8
88	27.0	0.0	31.0



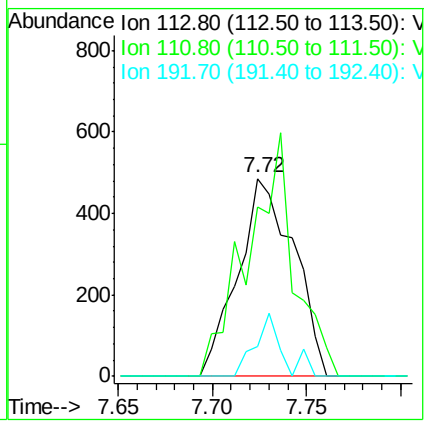


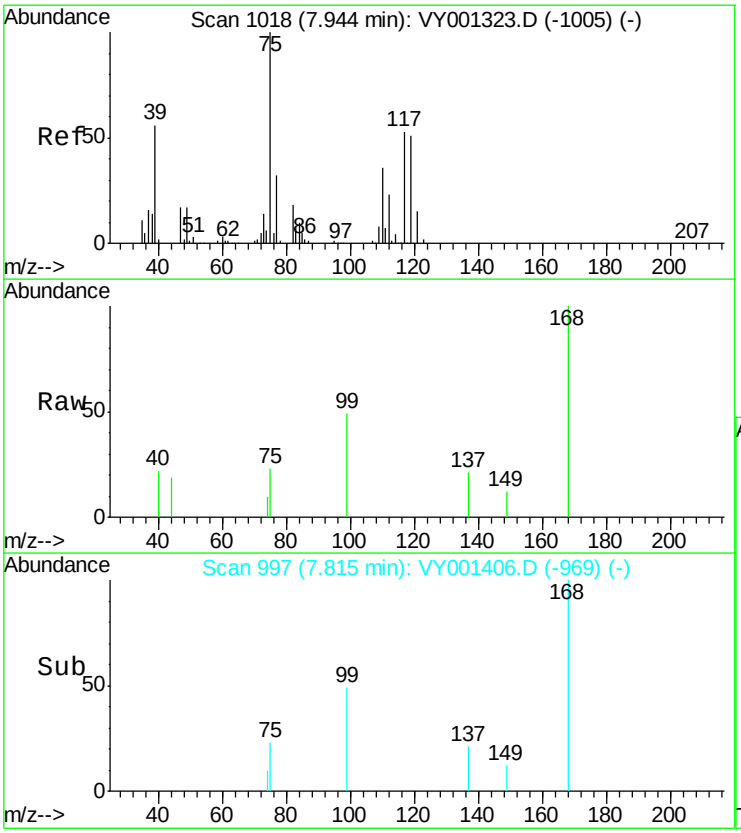
#35
Dibromofluoromethane
Concen: 41.27 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.02 min
Lab File: VY001406.D
Acq: 27 Jan 2020 15:22

Instrument :
MSVOA_Y
ClientSampleId :
TP-7-6RE

Tgt Ion:113 Resp: 1000

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.8	124.2
192	15.4	15.5	23.3#

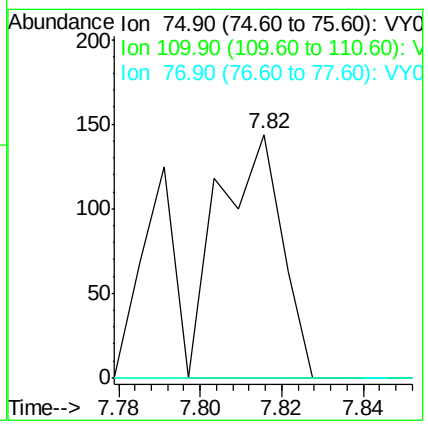


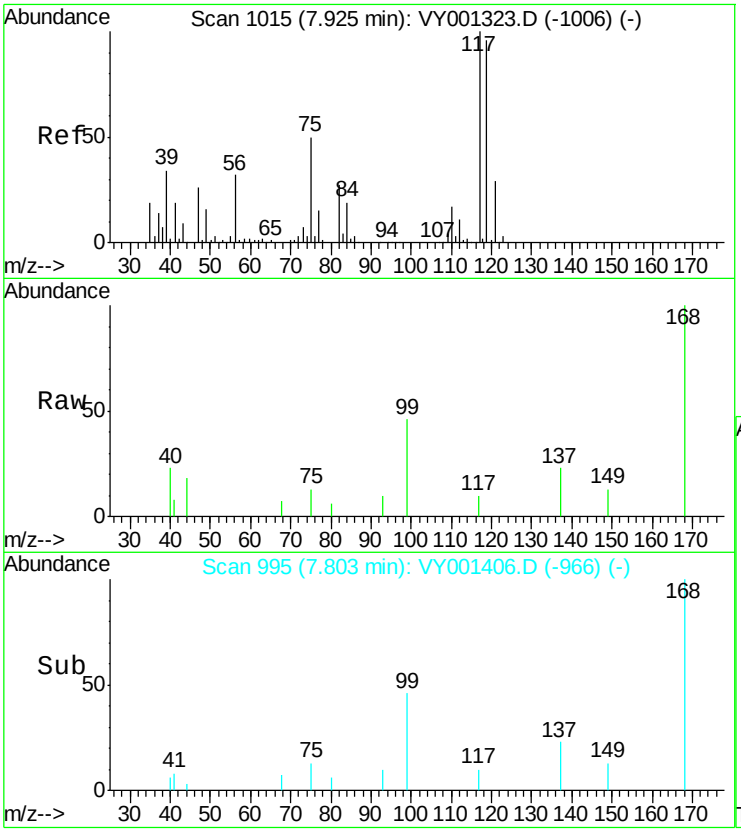


#36
1,1-Dichloropropene
Concen: 3.97 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.13 min
Lab File: VY001406.D
Acq: 27 Jan 2020 15:22

Tgt Ion: 75 Resp: 155

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.6	52.8#
77	0.0	24.7	37.1#



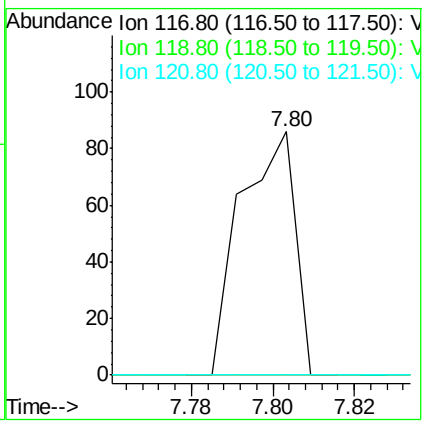


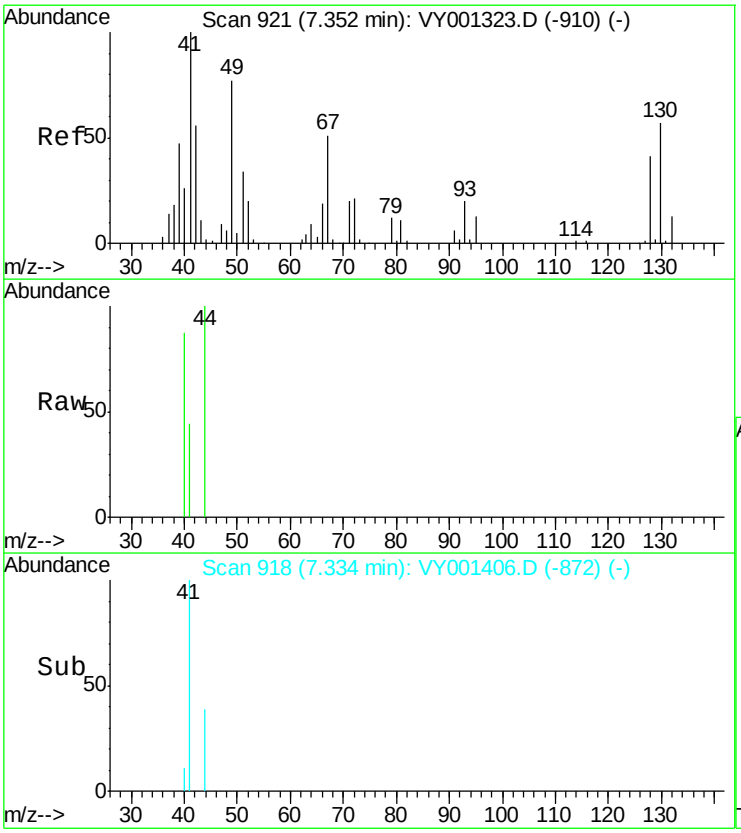
#38
Carbon Tetrachloride
Concen: 2.30 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY001406.D
Acq: 27 Jan 2020 15:22

Instrument : MSVOA_Y
ClientSampleId : TP-7-6RE

Tgt Ion:117 Resp: 80

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.3	114.5#
121	0.0	23.5	35.3#

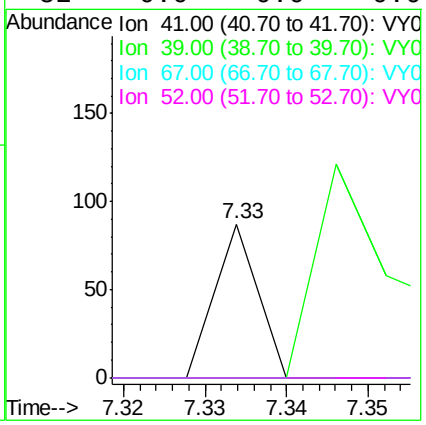


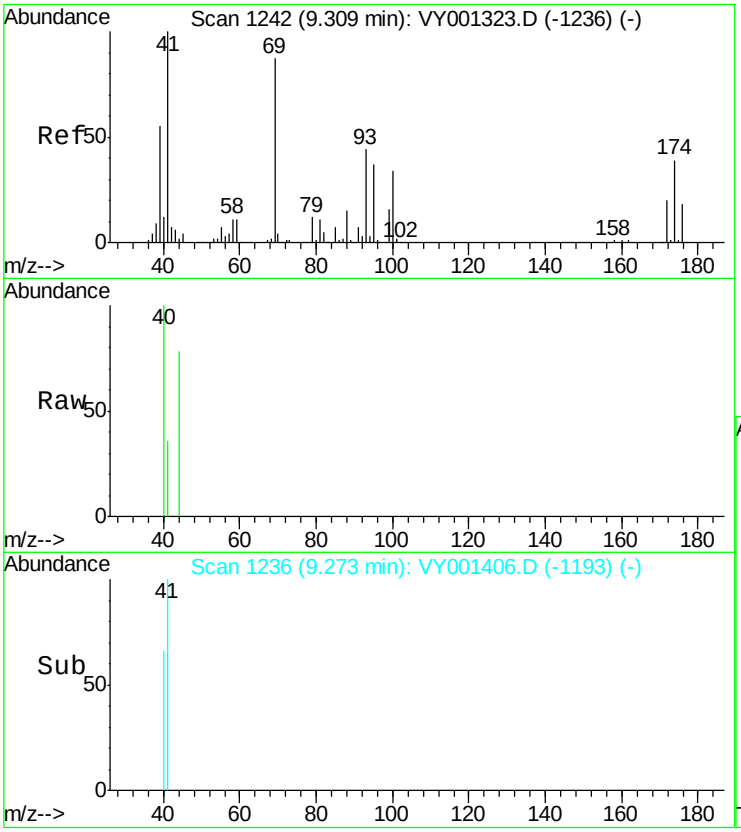


#41
Methacrylonitrile
Concen: 2.60 ug/l
RT: 7.33 min Scan# 918
Delta R.T. -0.02 min
Lab File: VY001406.D
Acq: 27 Jan 2020 15:22

Tgt Ion: 41 Resp: 32

Ion	Ratio	Lower	Upper
41	100		
39	262.5	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



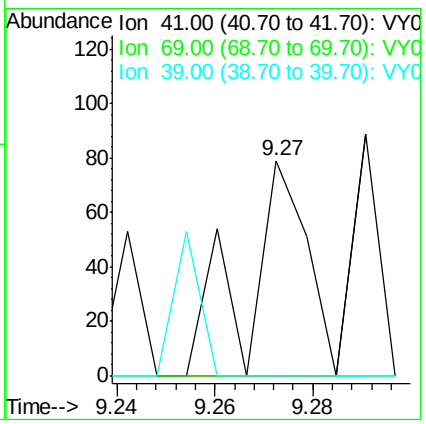


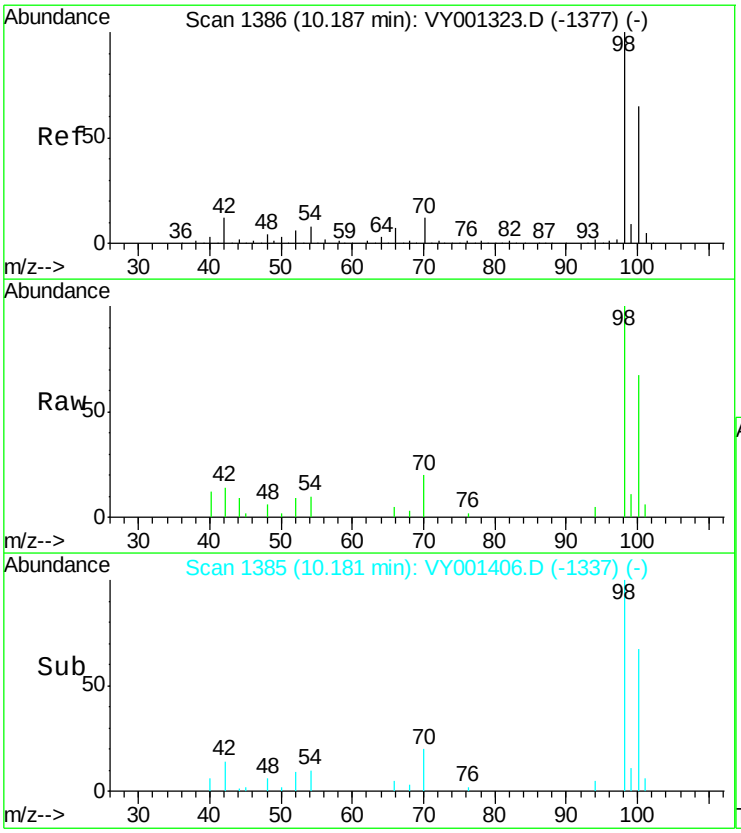
#48
Methyl methacrylate
Concen: 3.18 ug/l
RT: 9.27 min Scan# 1236
Delta R.T. -0.04 min
Lab File: VY001406.D
Acq: 27 Jan 2020 15:22

Instrument :
MSVOA_Y
ClientSampleId :
TP-7-6RE

Tgt Ion: 41 Resp: 67

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.2	105.4#
39	0.0	45.7	68.5#

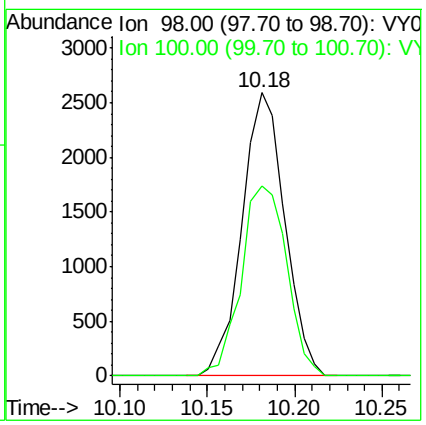


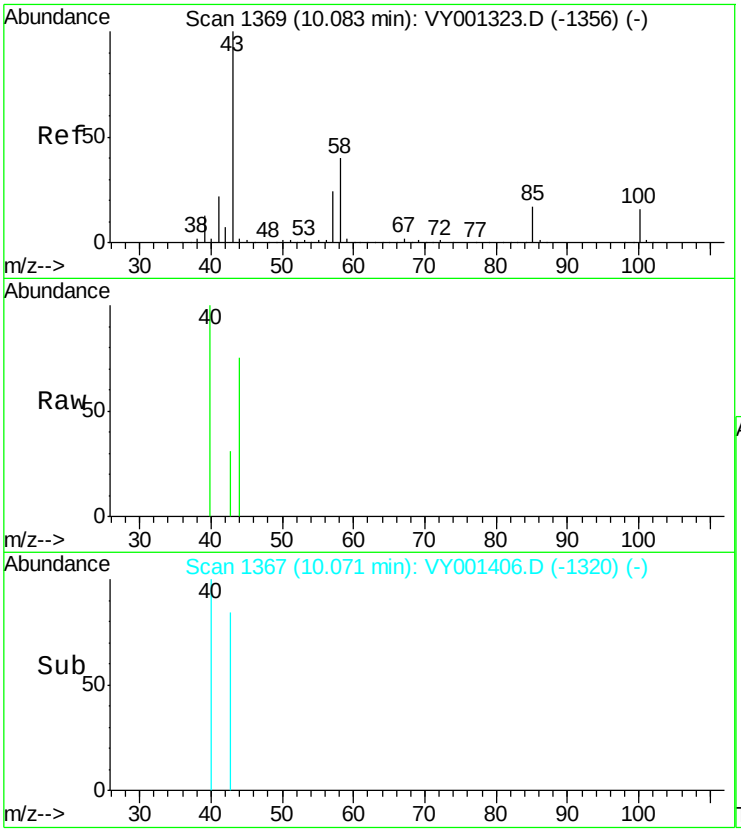


#50
Toluene-d8
Concen: 46.87 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY001406.D
Acq: 27 Jan 2020 15:22

Tgt Ion: 98 Resp: 4412

Ion	Ratio	Lower	Upper
98	100		
100	71.2	52.6	79.0



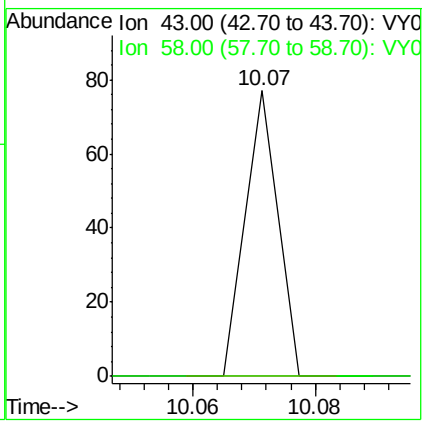


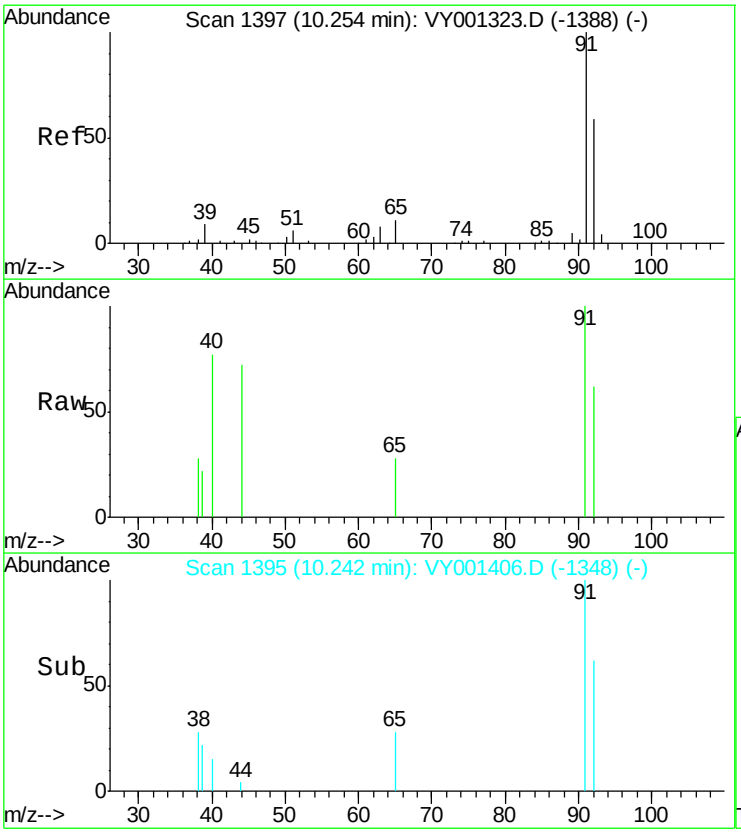
#51
4-Methyl-2-Pentanone
Concen: 1.17 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VY001406.D
Acq: 27 Jan 2020 15:22

Instrument :
MSVOA_Y
ClientSampleId :
TP-7-6RE

Tgt Ion: 43 Resp: 28

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.5	47.3#

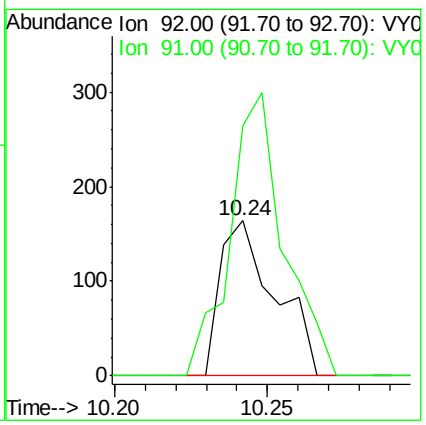


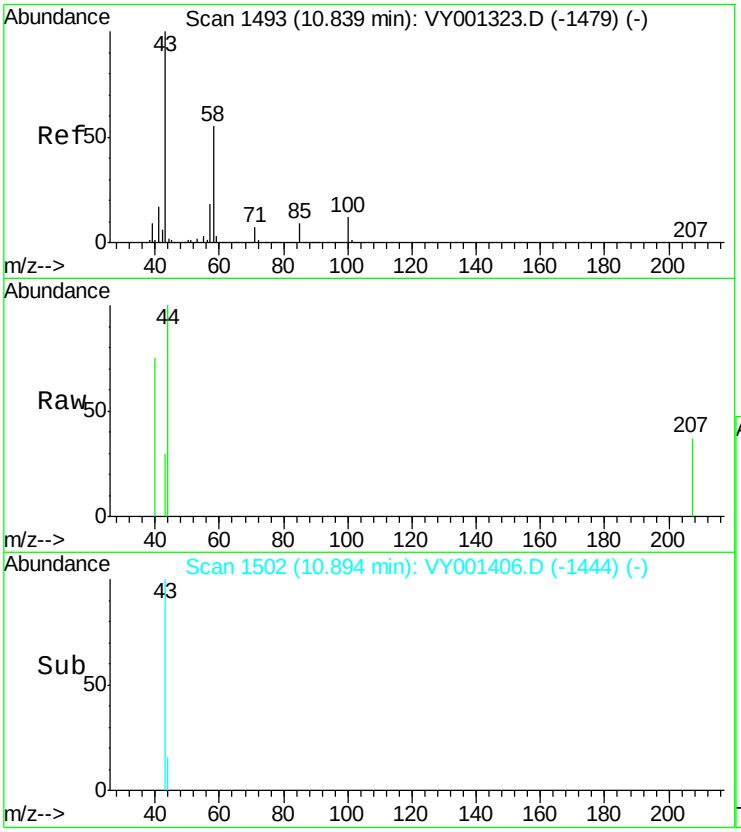


#52
Toluene
Concen: 2.74 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.01 min
Lab File: VY001406.D
Acq: 27 Jan 2020 15:22

Tgt Ion: 92 Resp: 203

Ion	Ratio	Lower	Upper
92	100		
91	179.8	136.4	204.6



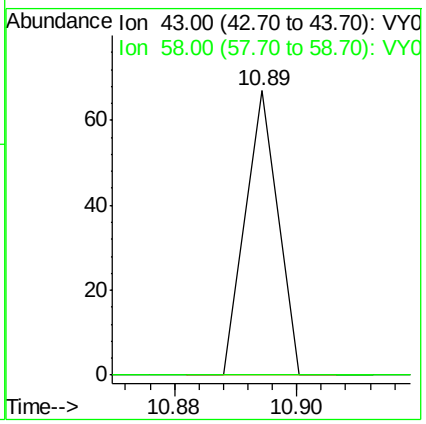


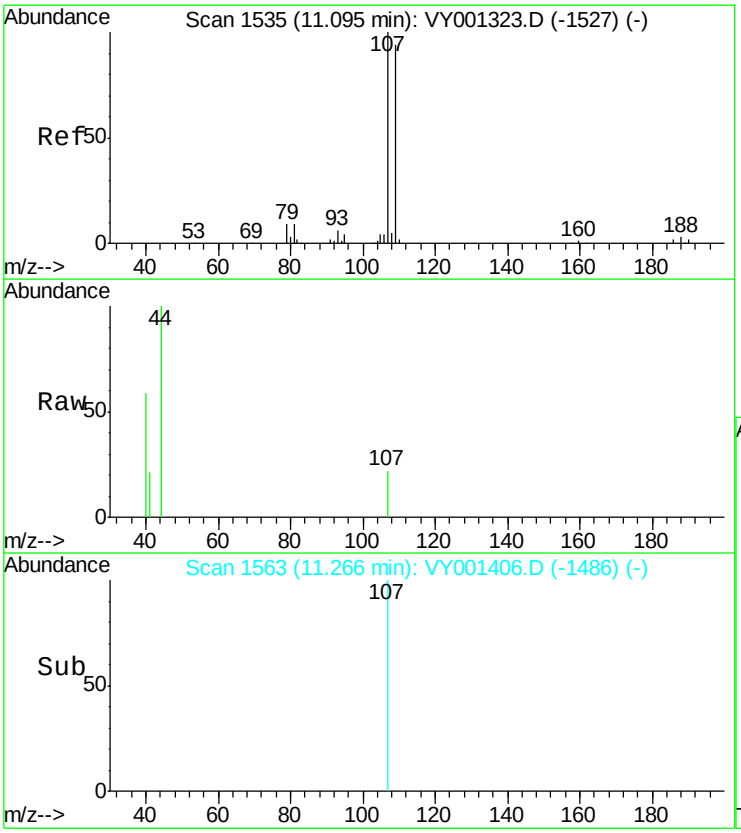
#59
2-Hexanone
Concen: 1.51 ug/l
RT: 10.89 min Scan# 1502
Delta R.T. 0.05 min
Lab File: VY001406.D
Acq: 27 Jan 2020 15:22

Instrument : MSVOA_Y
ClientSampleId : TP-7-6RE

Tgt Ion: 43 Resp: 25

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.6	82.8#

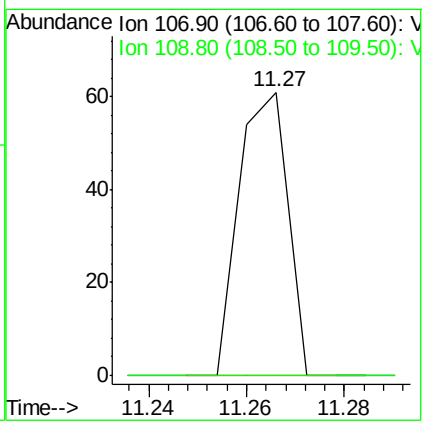


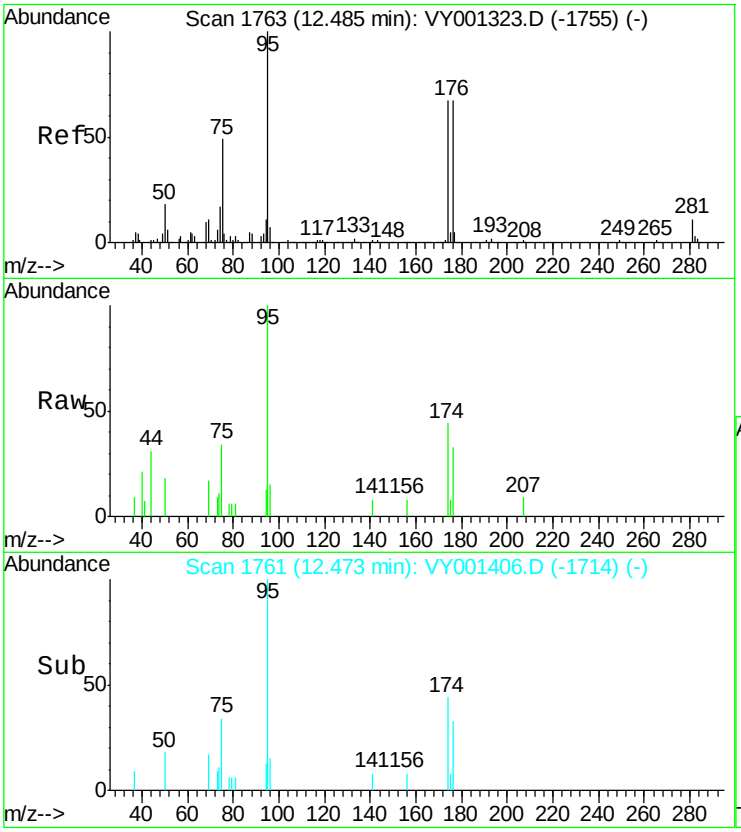


#61
1,2-Dibromoethane
Concen: 1.90 ug/l
RT: 11.27 min Scan# 1563
Delta R.T. 0.17 min
Lab File: VY001406.D
Acq: 27 Jan 2020 15:22

Tgt Ion:107 Resp: 42

Ion	Ratio	Lower	Upper
107	100		
109	0.0	75.0	112.6#



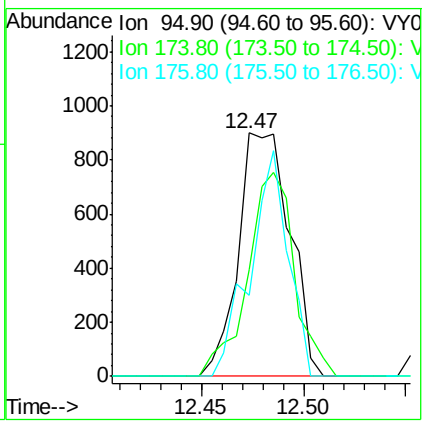


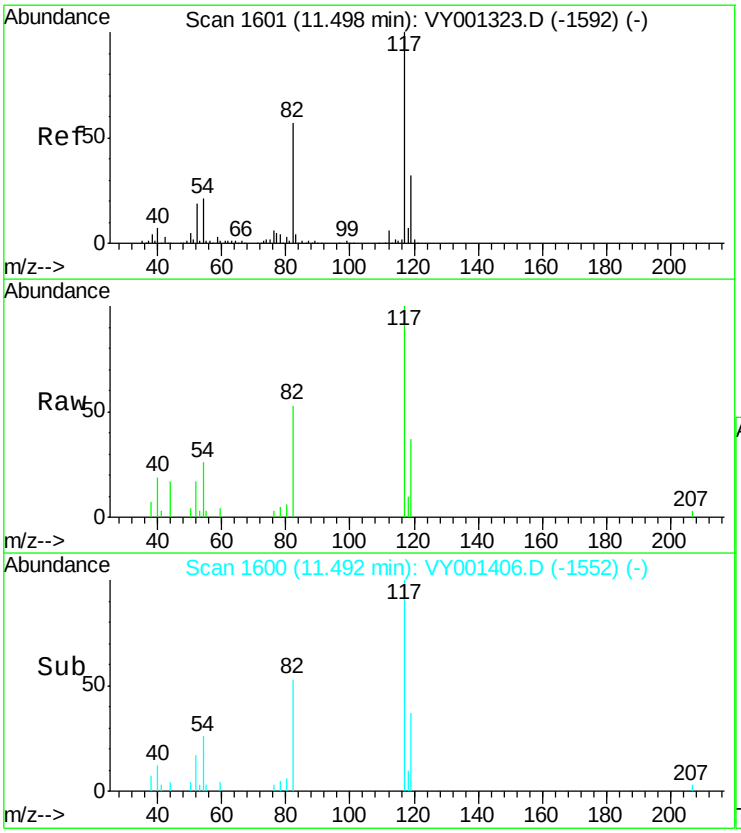
#62
4-Bromofluorobenzene
Concen: 42.26 ug/l
RT: 12.47 min Scan# 1761
Delta R.T. -0.01 min
Lab File: VY001406.D
Acq: 27 Jan 2020 15:22

Instrument :
MSVOA_Y
ClientSampleId :
TP-7-6RE

Tgt Ion: 95 Resp: 1584

Ion	Ratio	Lower	Upper
95	100		
174	75.9	0.0	142.0
176	68.4	0.0	138.6

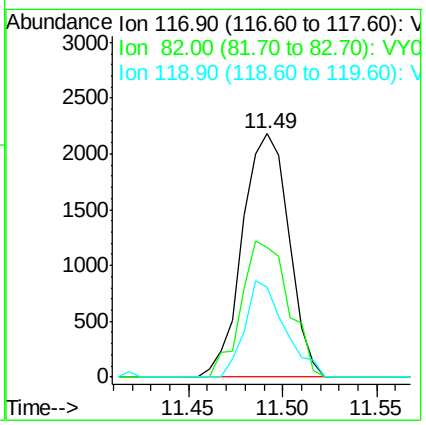


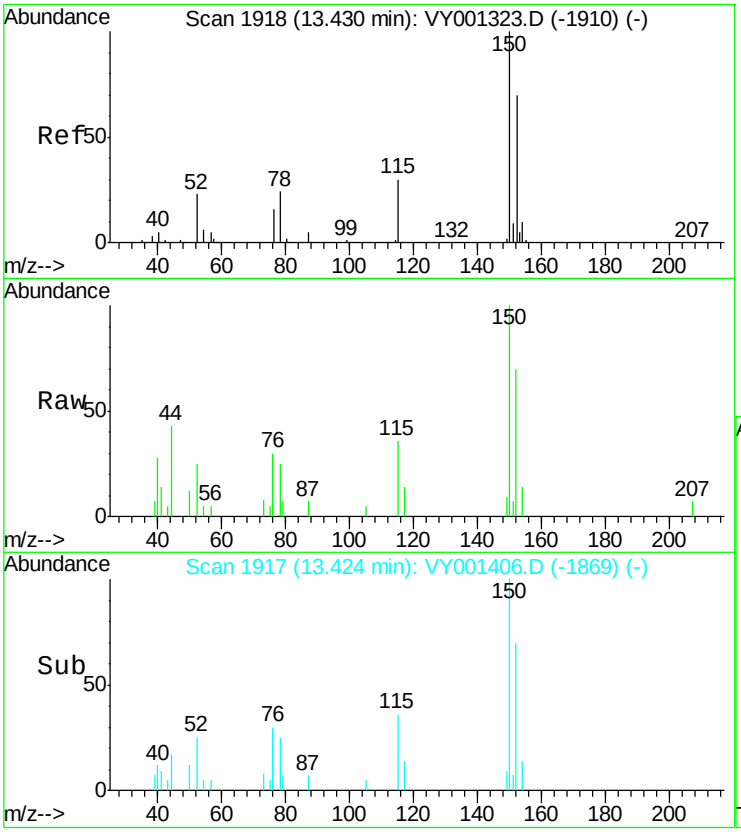


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001406.D
Acq: 27 Jan 2020 15:22

Tgt Ion:117 Resp: 3728

Ion	Ratio	Lower	Upper
117	100		
82	53.0	45.5	68.3
119	37.1	25.8	38.6



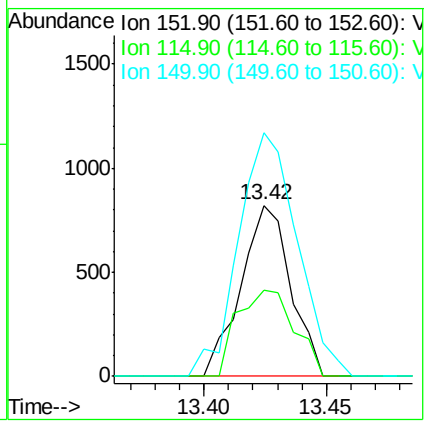


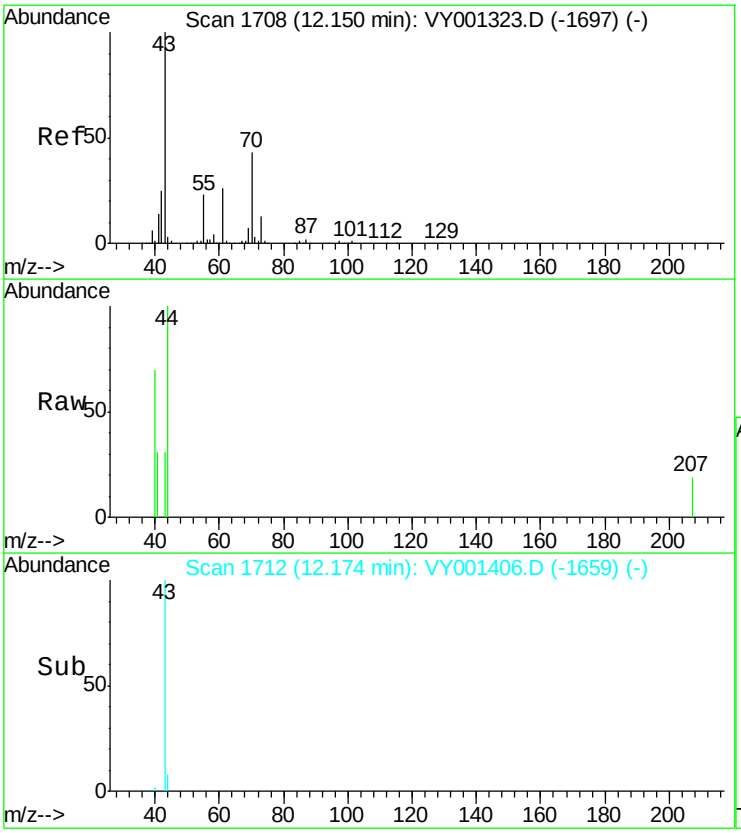
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY001406.D
Acq: 27 Jan 2020 15:22

Instrument : MSVOA_Y
ClientSampleId : TP-7-6RE

Tgt Ion:152 Resp: 1161

Ion	Ratio	Lower	Upper
152	100		
115	58.0	30.9	92.8
150	168.6	0.0	349.2

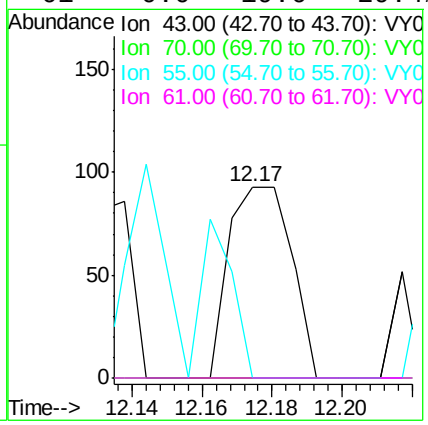


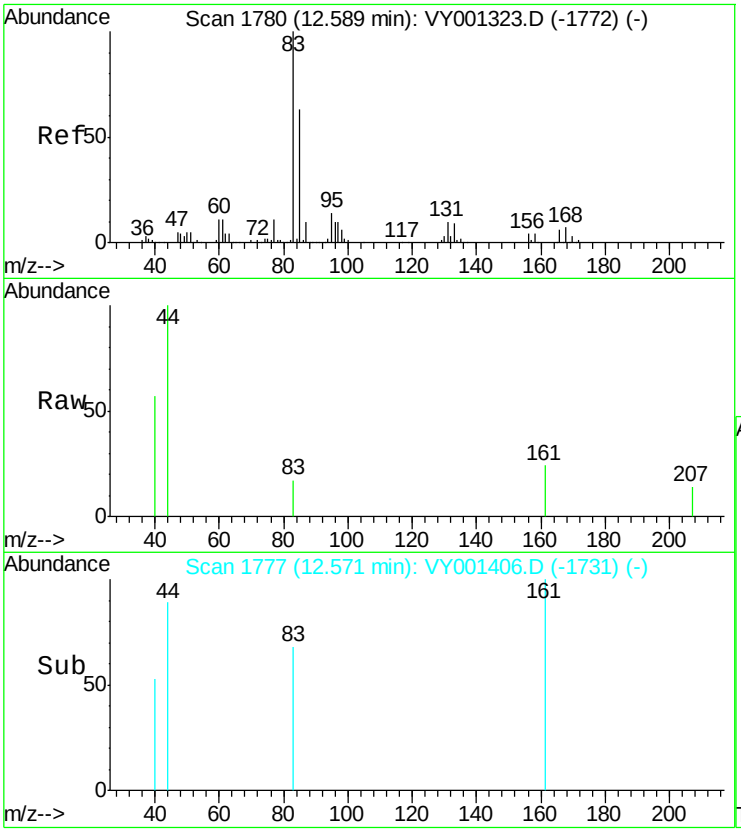


#74
N-amyl acetate
Concen: 3.87 ug/l
RT: 12.17 min Scan# 1712
Delta R.T. 0.02 min
Lab File: VY001406.D
Acq: 27 Jan 2020 15:22

Tgt Ion: 43 Resp: 116

Ion	Ratio	Lower	Upper
43	100		
70	0.0	33.5	50.3#
55	40.5	18.2	27.2#
61	0.0	19.6	29.4#



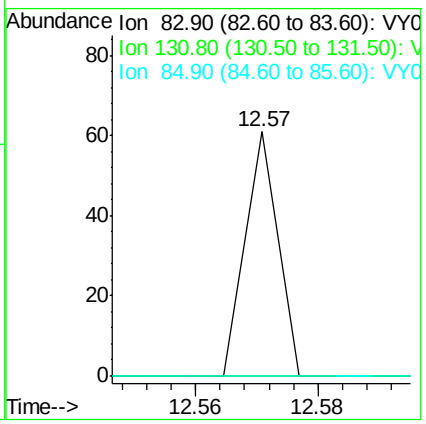


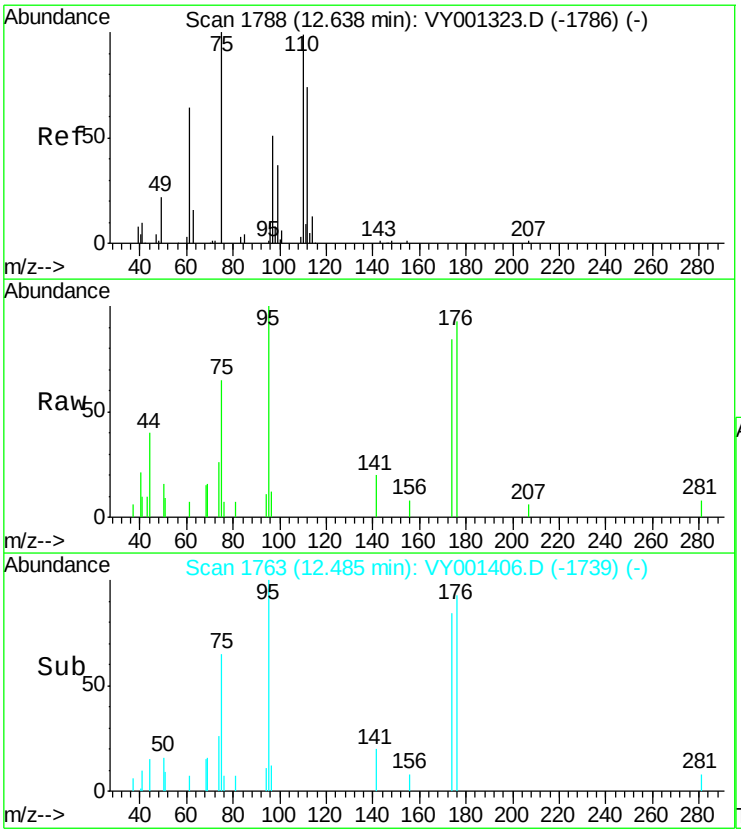
#75
1,1,2,2-Tetrachloroethane
Concen: 1.12 ug/l
RT: 12.57 min Scan# 1777
Delta R.T. -0.02 min
Lab File: VY001406.D
Acq: 27 Jan 2020 15:22

Instrument : MSVOA_Y
ClientSampleId : TP-7-6RE

Tgt Ion: 83 Resp: 22

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.9	14.6#
85	0.0	31.4	94.3#

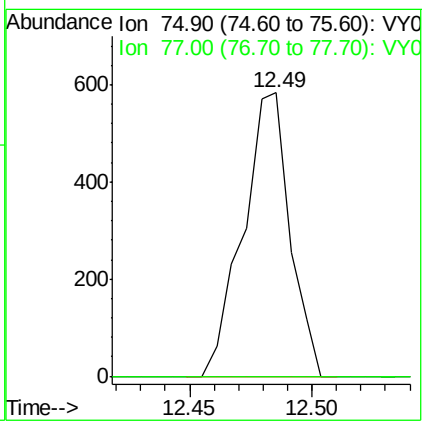


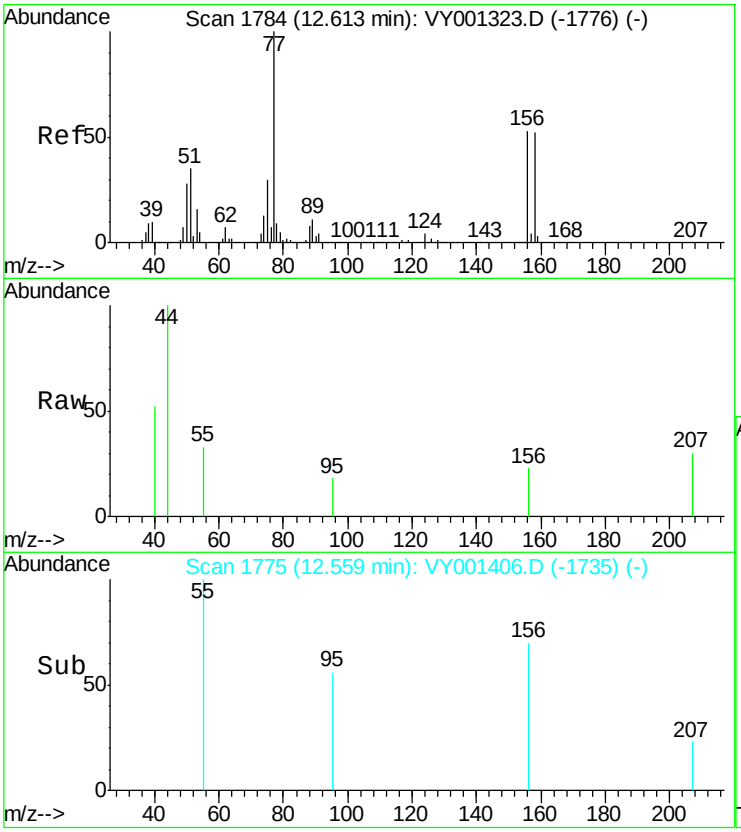


#76
1,2,3-Trichloropropane
Concen: 55.54 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.15 min
Lab File: VY001406.D
Acq: 27 Jan 2020 15:22

Tgt Ion: 75 Resp: 777

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



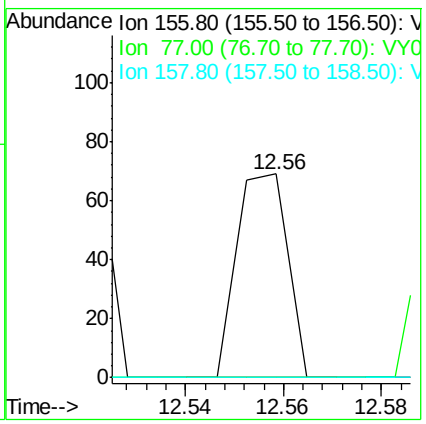


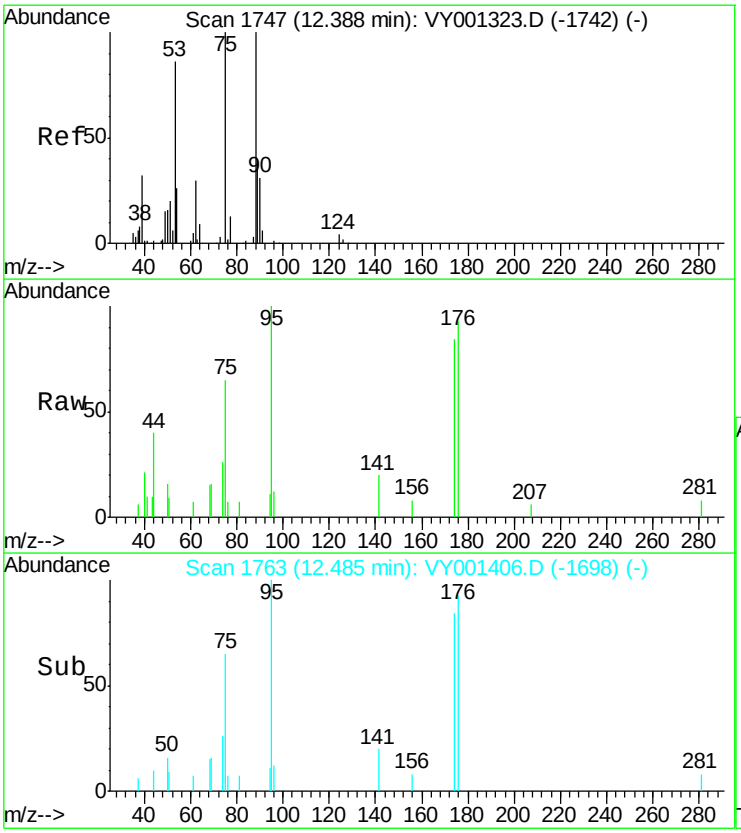
#77
Bromobenzene
Concen: 2.46 ug/l
RT: 12.56 min Scan# 1775
Delta R.T. -0.05 min
Lab File: VY001406.D
Acq: 27 Jan 2020 15:22

Instrument :
MSVOA_Y
ClientSampleId :
TP-7-6RE

Tgt Ion:156 Resp: 50

Ion	Ratio	Lower	Upper
156	100		
77	0.0	104.7	313.9#
158	0.0	48.6	145.8#

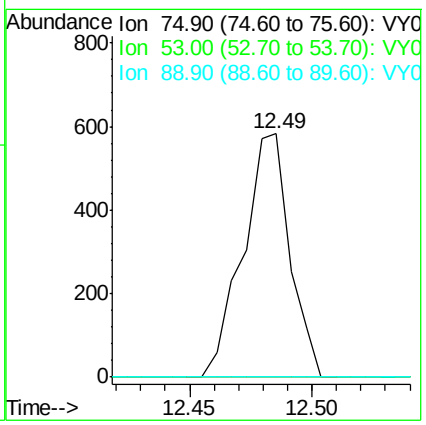


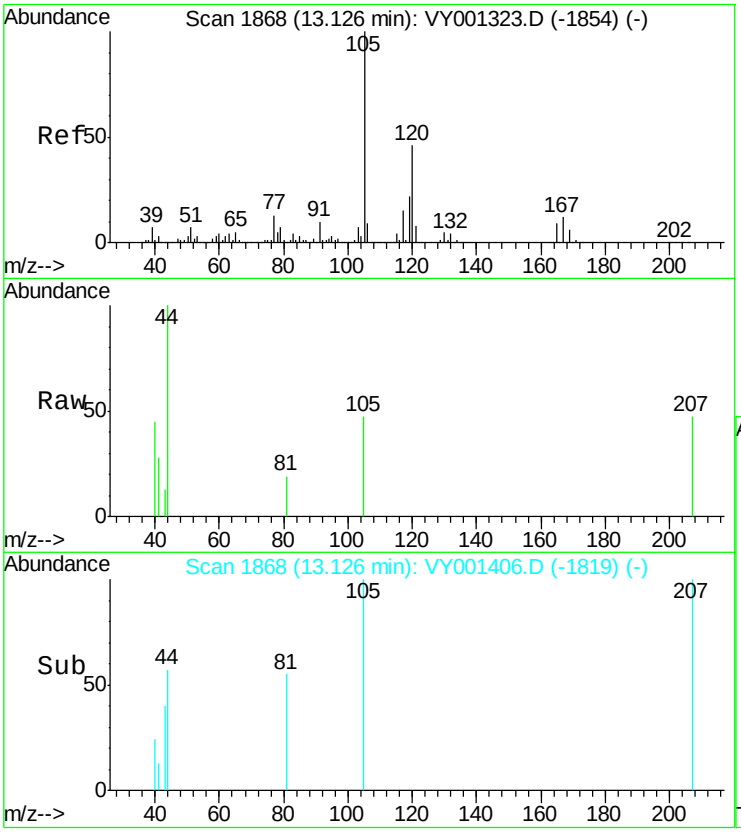


#81
trans-1,4-Dichloro-2-butene
Concen: 105.10 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.10 min
Lab File: VY001406.D
Acq: 27 Jan 2020 15:22

Tgt Ion: 75 Resp: 777

Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.9	104.9#
89	0.0	36.6	54.8#



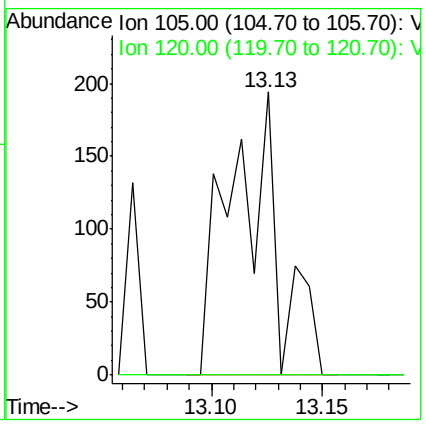


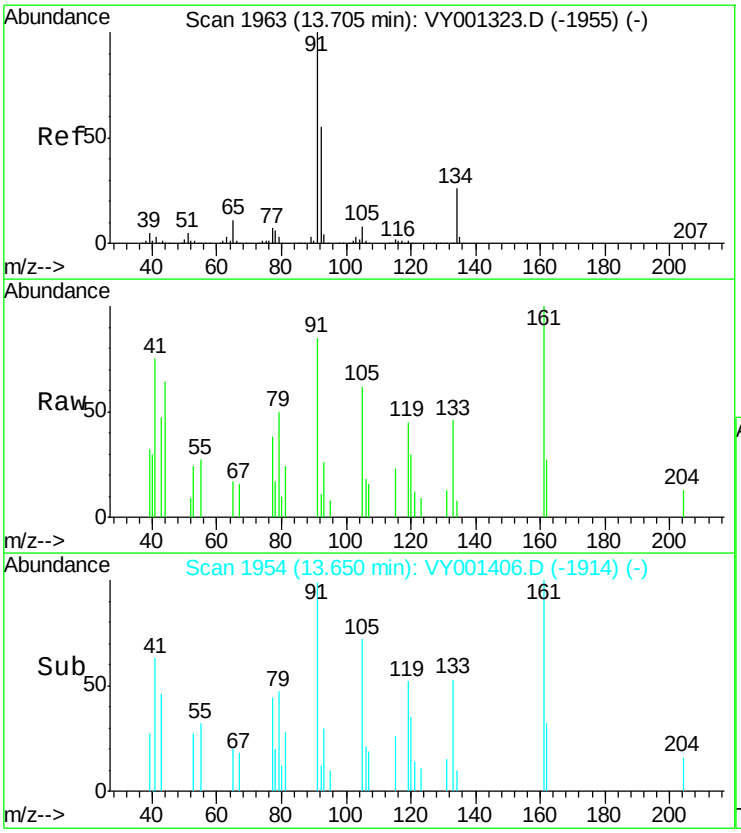
#84
1,2,4-Trimethylbenzene
Concen: 3.86 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VY001406.D
Acq: 27 Jan 2020 15:22

Instrument :
MSVOA_Y
ClientSampleId :
TP-7-6RE

Tgt Ion:105 Resp: 296

Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.4	67.3#

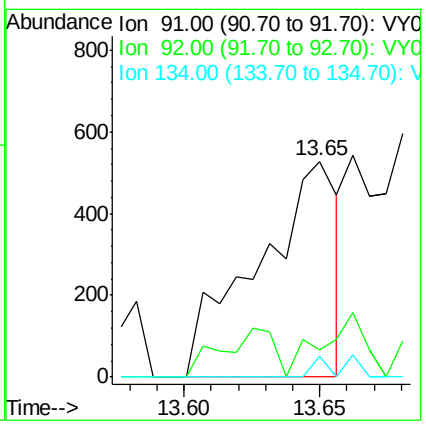


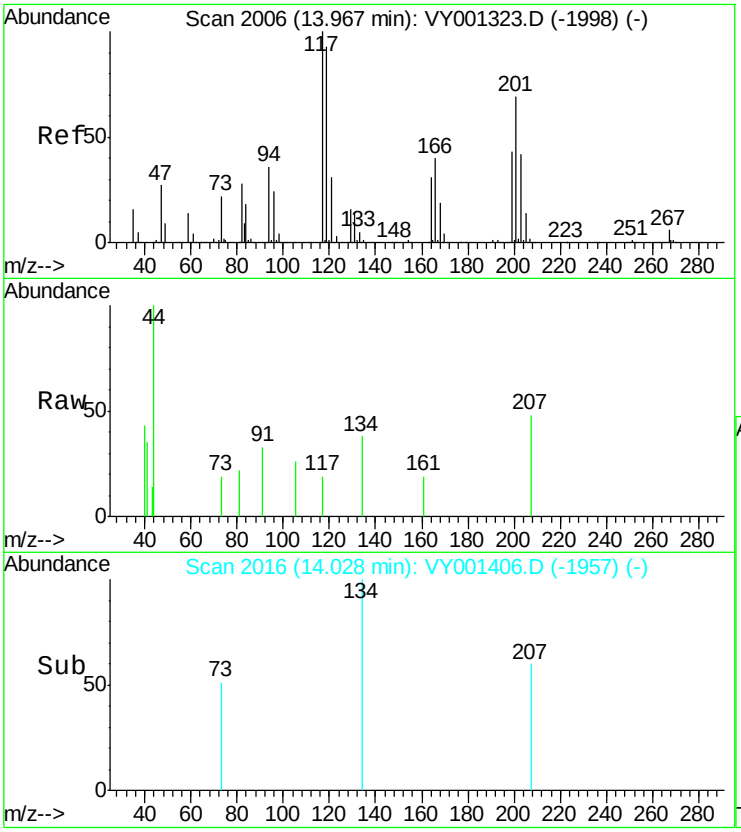


#89
n-Butylbenzene
Concen: 13.25 ug/l
RT: 13.65 min Scan# 1954
Delta R.T. -0.05 min
Lab File: VY001406.D
Acq: 27 Jan 2020 15:22

Tgt Ion: 91 Resp: 1076

Ion	Ratio	Lower	Upper
91	100		
92	16.2	27.6	82.8#
134	3.5	12.9	38.6#



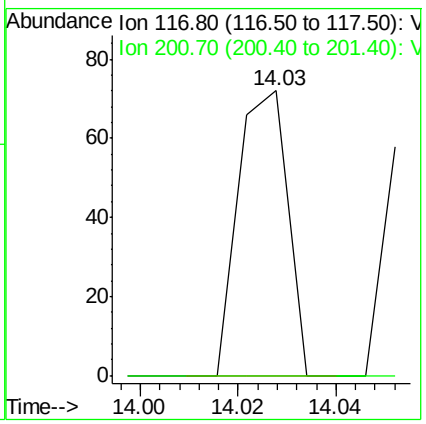


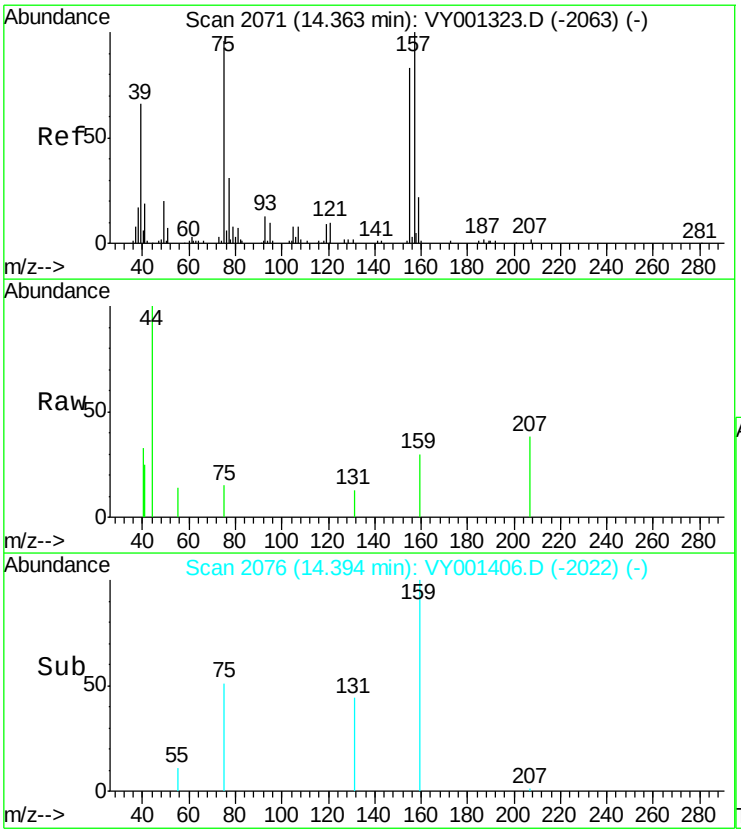
#90
Hexachloroethane
Concen: 3.27 ug/l
RT: 14.03 min Scan# 2016
Delta R.T. 0.06 min
Lab File: VY001406.D
Acq: 27 Jan 2020 15:22

Instrument :
MSVOA_Y
ClientSampleId :
TP-7-6RE

Tgt Ion:117 Resp: 50

Ion	Ratio	Lower	Upper
117	100		
201	0.0	34.6	103.8#

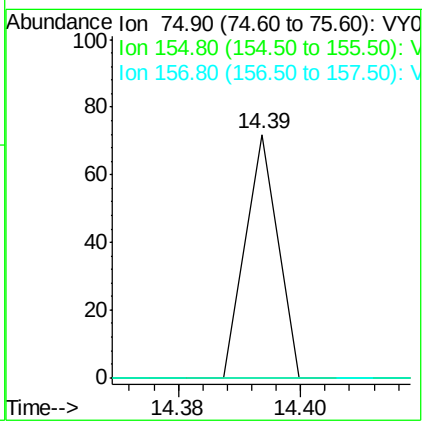


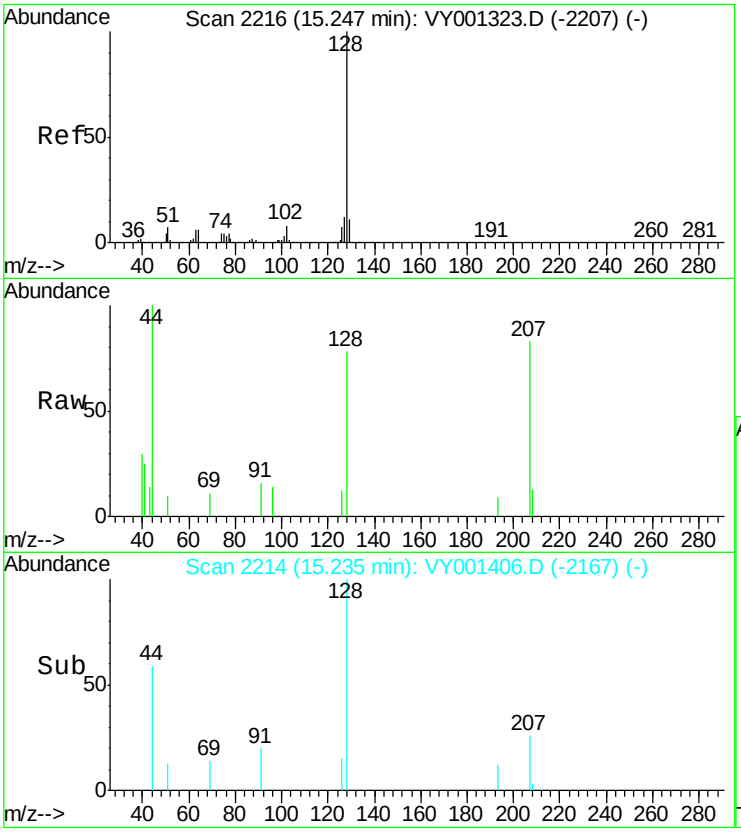


#92
1,2-Dibromo-3-Chloropropane
Concen: 7.68 ug/l
RT: 14.39 min Scan# 2076
Delta R.T. 0.03 min
Lab File: VY001406.D
Acq: 27 Jan 2020 15:22

Tgt Ion: 75 Resp: 26

Ion	Ratio	Lower	Upper
75	100		
155	0.0	43.0	129.2#
157	0.0	53.3	160.0#



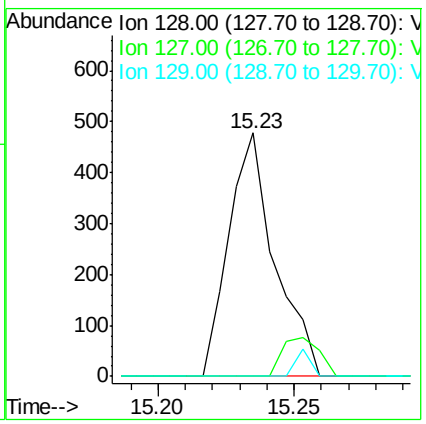


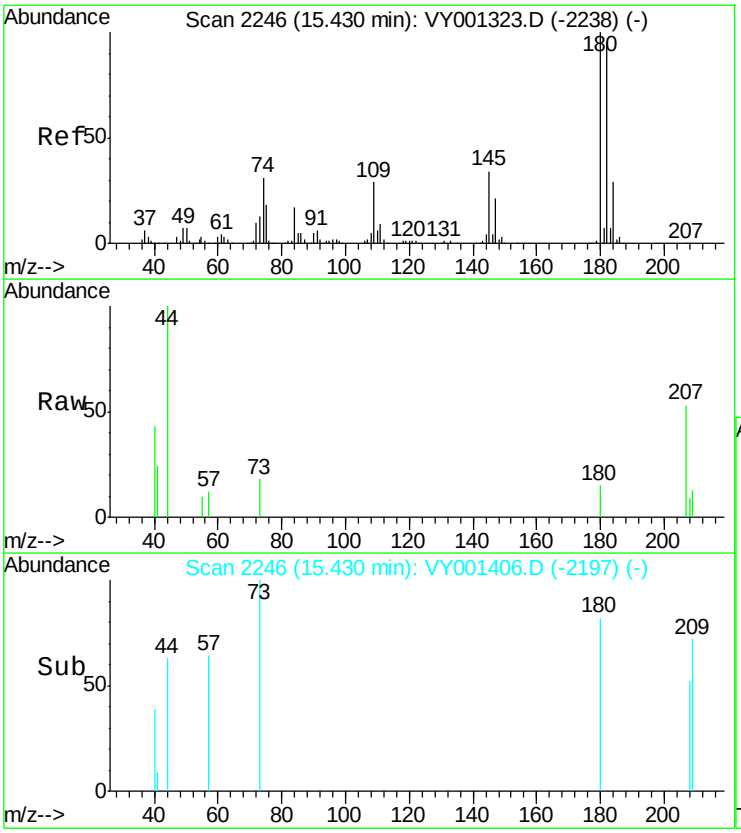
#95
Naphthalene
Concen: 10.14 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.01 min
Lab File: VY001406.D
Acq: 27 Jan 2020 15:22

Instrument :
MSVOA_Y
ClientSampleId :
TP-7-6RE

Tgt Ion:128 Resp: 561

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	3.6	8.7	13.1#





#96
1,2,3-Trichlorobenzene
Concen: 1.41 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VY001406.D
Acq: 27 Jan 2020 15:22

Tgt Ion:180 Resp: 30

Ion	Ratio	Lower	Upper
180	100		
182	63.3	47.3	141.8
145	0.0	16.8	50.3#