Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012720\
Data File : VY001404.D
Acq On : 27 Jan 2020 14:38
Operator : SY/MD
Sample : L1007-01RE
Misc : 6.59G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : JC-03-012320-A

Quant Time: Jan 27 16:13:50 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	176414	50.00	ug/l		-0.02
34) 1,4-Difluorobenzene	8.70	114	317269	50.00	ug/l		-0.01
63) Chlorobenzene-d5	11.49	117	268887	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	108031	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.15	65	96146	50.09	ug/l		-0.02
Spiked Amount 50.000			Recovery = 100.18%				
35) Dibromofluoromethane	7.73	113	93562	50.25	ug/l		-0.02
Spiked Amount 50.000			Recovery = 100.50%				
50) Toluene-d8	10.18	98	369942	51.14	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.28%				
62) 4-Bromofluorobenzene	12.48	95	120727	41.90	ug/l		0.00
Spiked Amount 50.000			Recovery = 83.80%				
Target Compounds							Qvalue
3) Chloromethane	2.11	50	2141	1.02	ug/l		97
11) Tert butyl alcohol	4.97	59	74	Below Cal		#	74
13) Acrolein	3.60	56	21	Below Cal		#	69
16) Acetone	3.96	43	8086	8.67	ug/l		89
20) Methylene Chloride	4.74	84	9348	Below Cal			98
25) 2-Butanone	7.01	43	1806	2.16	ug/l	#	89
31) Cyclohexane	7.80	56	4760	1.28	ug/l	#	1
36) 1,1-Dichloropropene	7.80	75	13995	4.67	ug/l	#	49
38) Carbon Tetrachloride	7.80	117	16674	6.24	ug/l	#	17
51) 4-Methyl-2-Pentanone	10.08	43	2888	1.57	ug/l		98
52) Toluene	10.25	92	57926	10.17	ug/l		100
67) Ethyl Benzene	11.59	91	13764	1.32	ug/l		98
68) m/p-Xylenes	11.70	106	19496	5.00	ug/l		98
69) o-Xylene	12.03	106	9886	2.63	ug/l		91
74) N-amyl acetate	12.11	43	4151	1.49	ug/l	#	45
76) 1,2,3-Trichloropropane	12.48	75	59015	45.33	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.81	105	10412	1.46	ug/l		96
81) trans-1,4-Dichloro-2-buten	12.48	75	59015	85.79	ug/l	#	14
83) tert-Butylbenzene	13.31	119	6738	1.12	ug/l		68
84) 1,2,4-Trimethylbenzene	13.12	105	48426	6.78	ug/l		97
89) n-Butylbenzene	13.70	91	11617	1.54	ug/l	#	75
90) Hexachloroethane	13.97	117	4624	3.25	ug/l	#	15
92) 1,2-Dibromo-3-Chloropropan	14.39	75	319	1.01	ug/l	#	1
95) Naphthalene	15.24	128	25234	4.90	ug/l	#	90

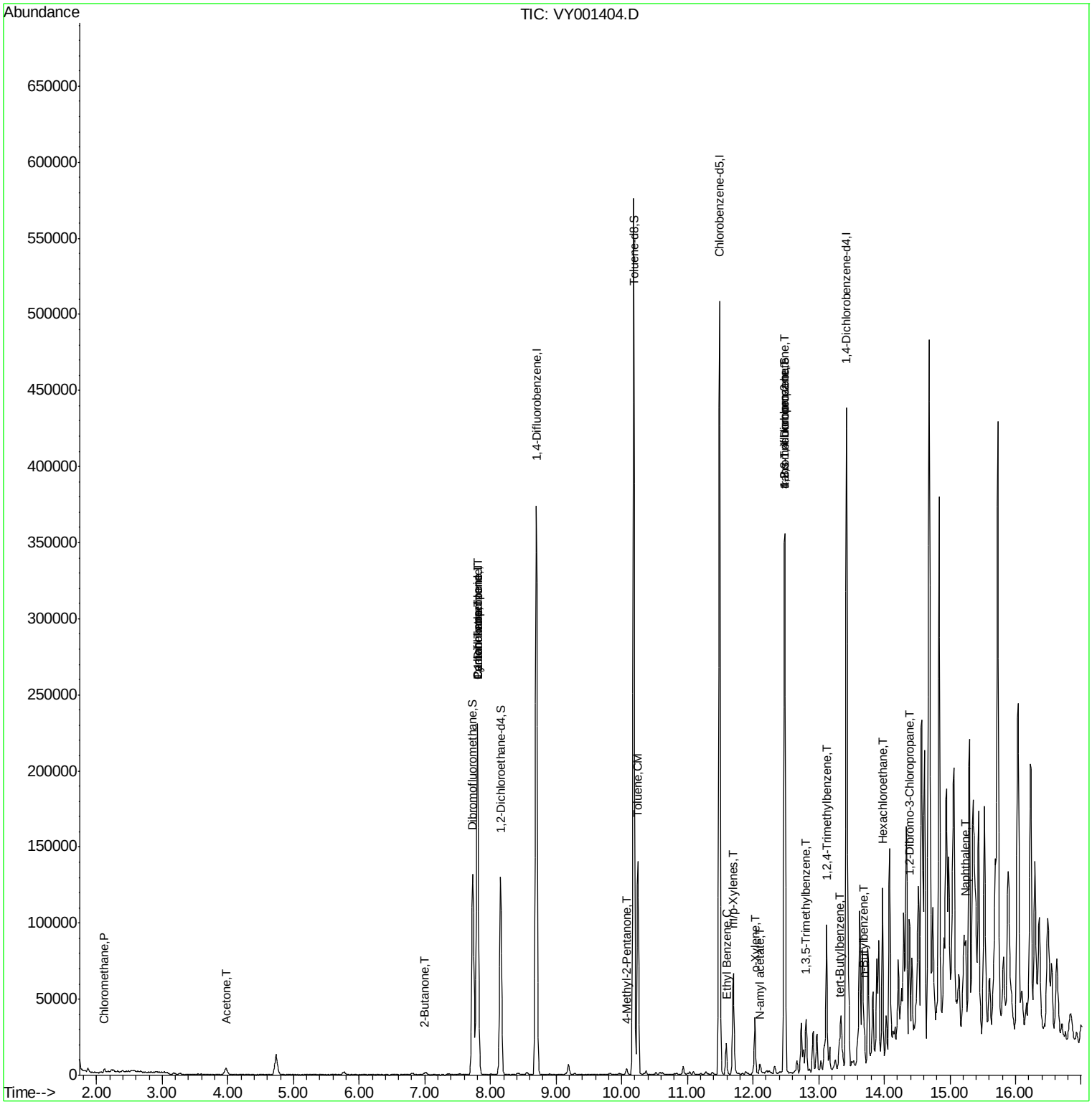
(#) = qualifier out of range (m) = manual integration (+) = signals summed

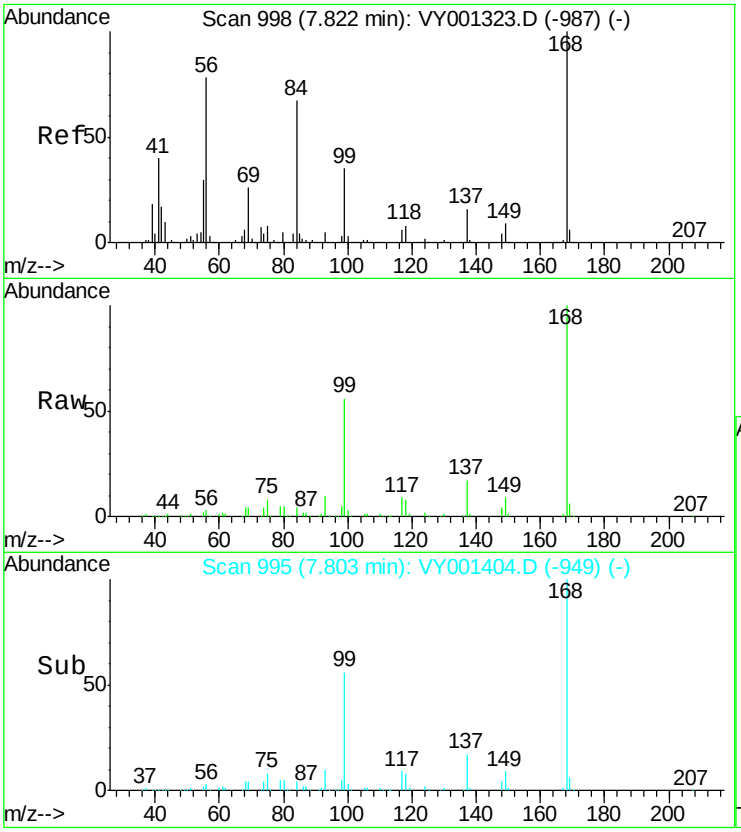
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012720\
Data File : VY001404.D
Acq On : 27 Jan 2020 14:38
Operator : SY/MD
Sample : L1007-01RE
Misc : 6.59G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-012320-A

Quant Time: Jan 27 16:13:50 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



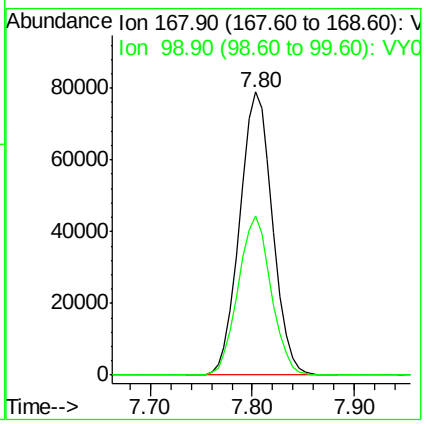


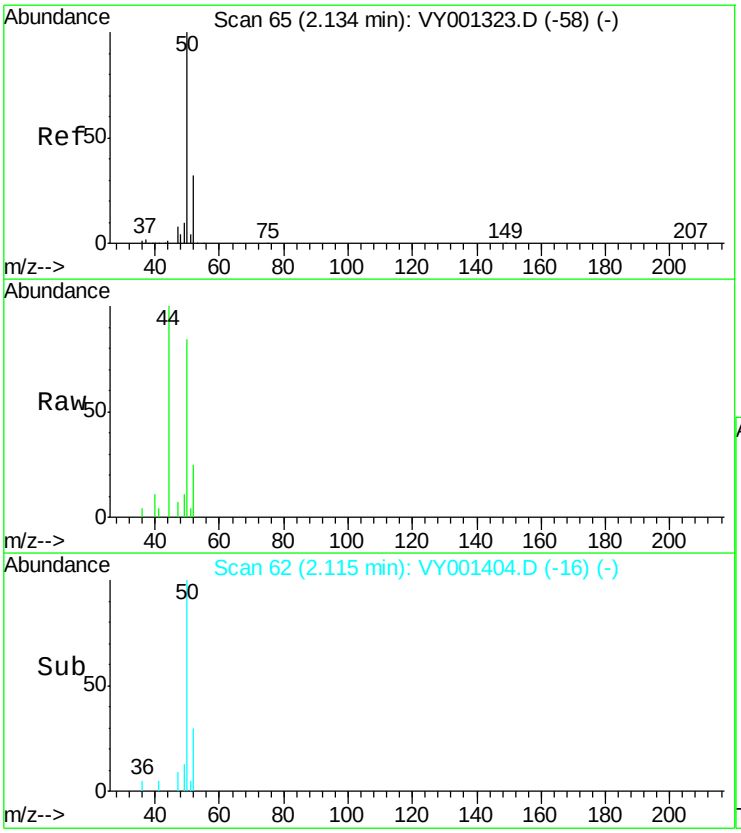
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.02 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-012320-A

Tgt Ion:168 Resp: 176414

Ion	Ratio	Lower	Upper
168	100		
99	56.2	44.3	66.5

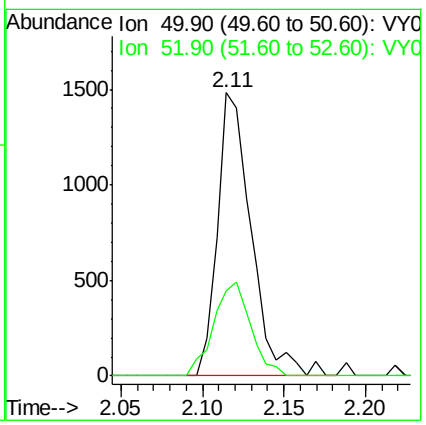


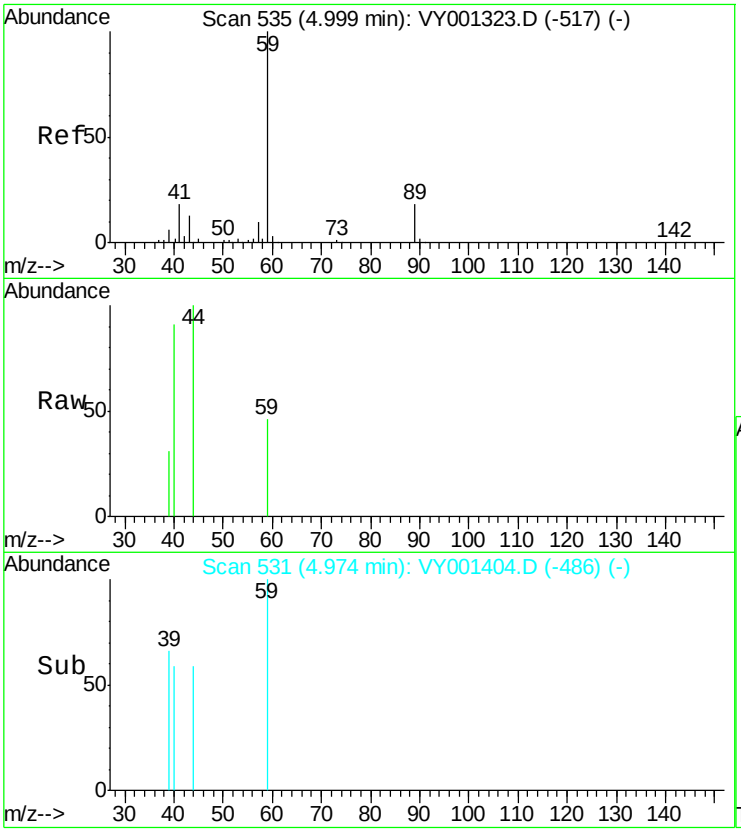


#3
Chloromethane
Concen: 1.02 ug/l
RT: 2.11 min Scan# 62
Delta R.T. -0.02 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Tgt Ion: 50 Resp: 2141

Ion	Ratio	Lower	Upper
50	100		
52	30.2	25.7	38.5



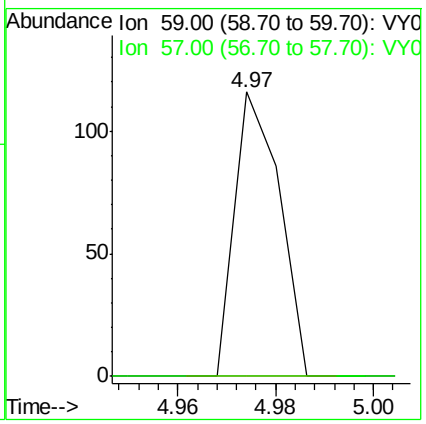


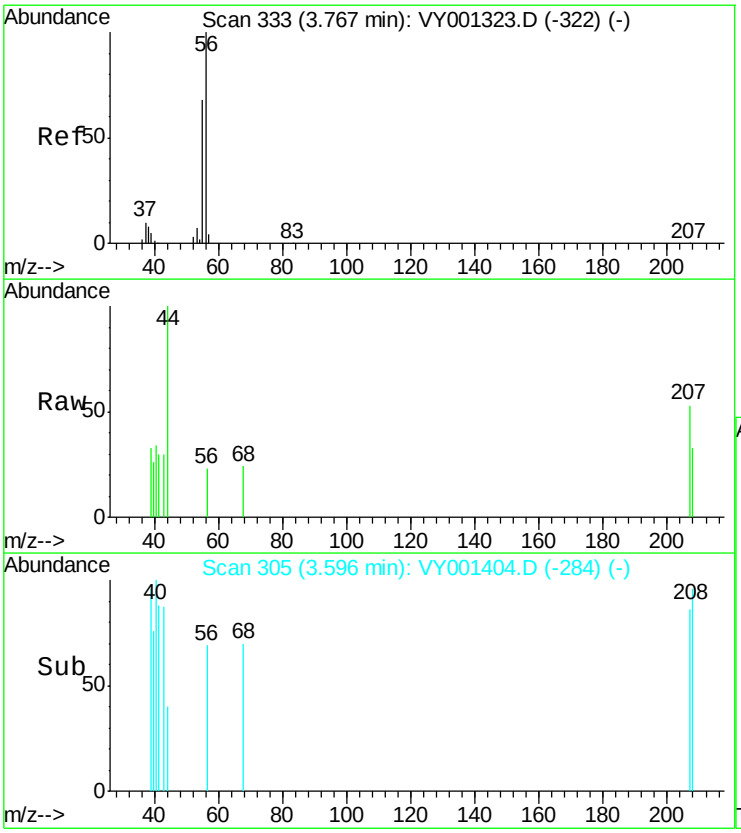
#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.97 min Scan# 531
Delta R.T. -0.02 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Instrument : MSVOA_Y
ClientSampleId : JC-03-012320-A

Tgt Ion: 59 Resp: 74

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.2#

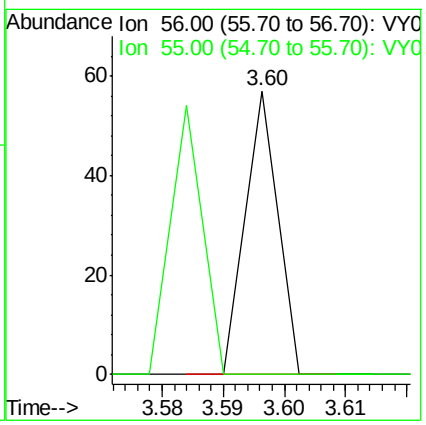


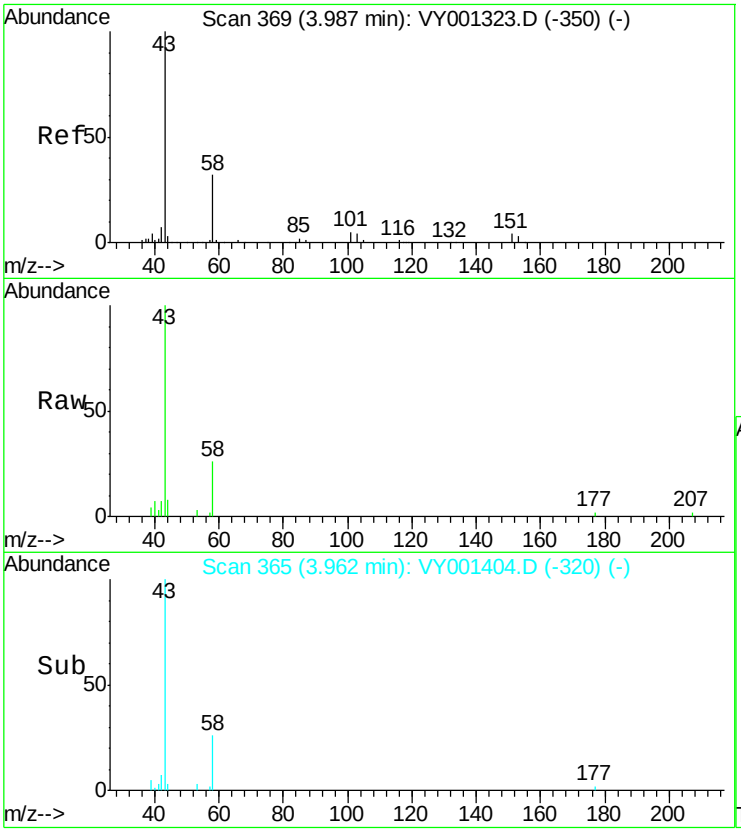


#13
Acrolein
Concen: Below Cal
RT: 3.60 min Scan# 305
Delta R.T. -0.17 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Tgt Ion: 56 Resp: 21

Ion	Ratio	Lower	Upper
56	100		
55	95.2	55.9	83.9#



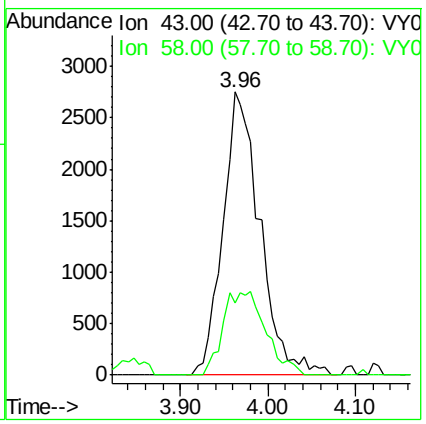


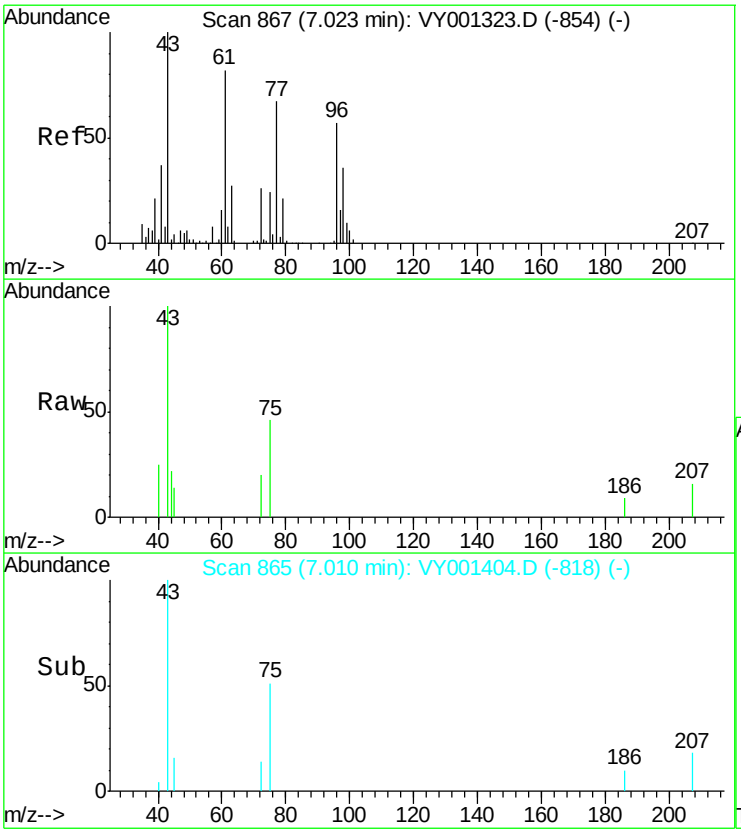
#16
Acetone
Concen: 8.67 ug/l
RT: 3.96 min Scan# 365
Delta R.T. -0.02 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-012320-A

Tgt Ion: 43 Resp: 8086

Ion	Ratio	Lower	Upper
43	100		
58	25.6	25.4	38.0

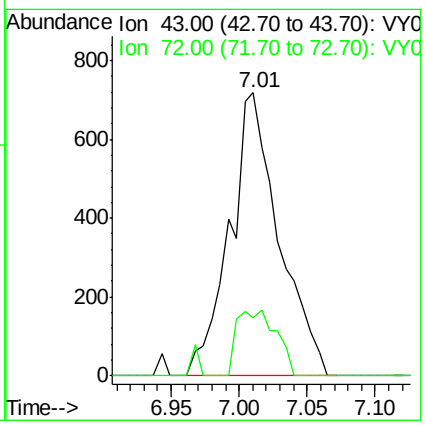


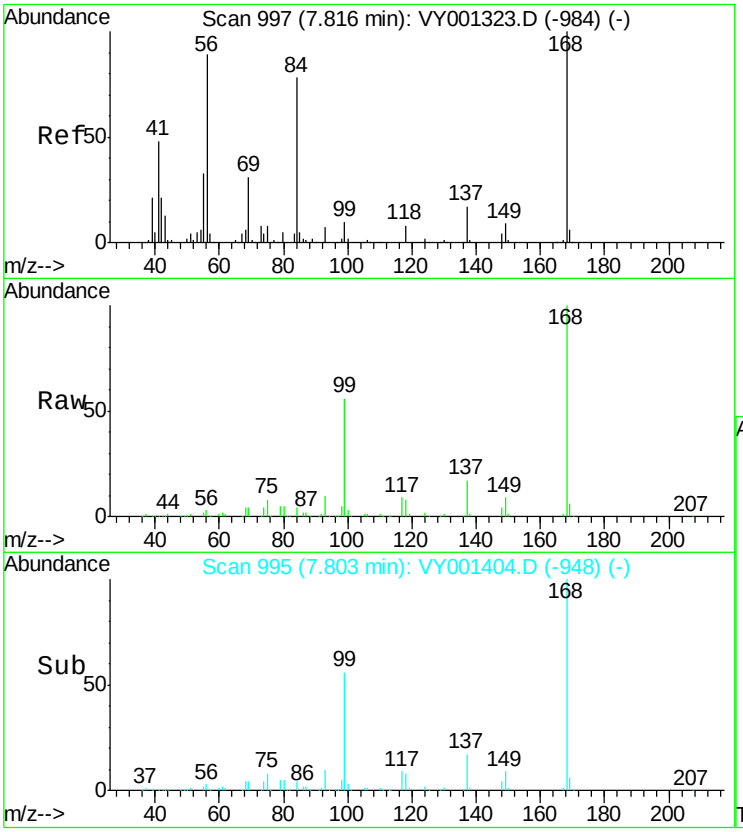


#25
2-Butanone
Concen: 2.16 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Tgt Ion: 43 Resp: 1806

Ion	Ratio	Lower	Upper
43	100		
72	20.3	20.6	31.0#



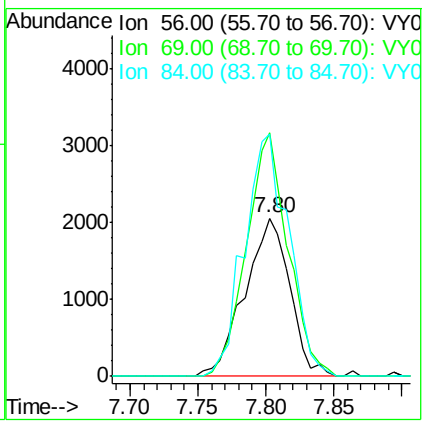


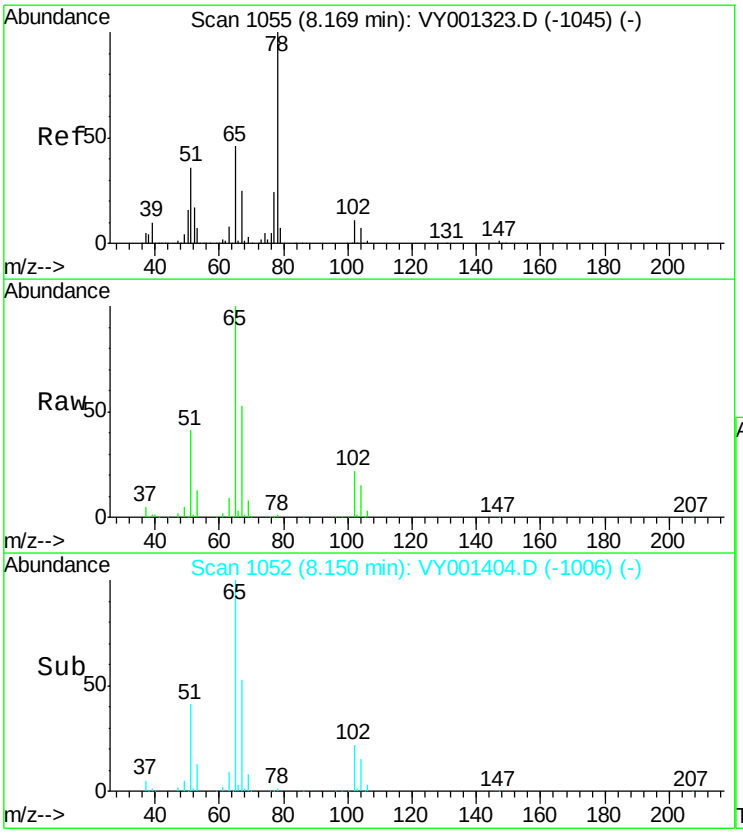
#31
Cyclohexane
Concen: 1.28 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-012320-A

Tgt Ion: 56 Resp: 4760

Ion	Ratio	Lower	Upper
56	100		
69	154.0	27.6	41.4#
84	153.6	69.7	104.5#

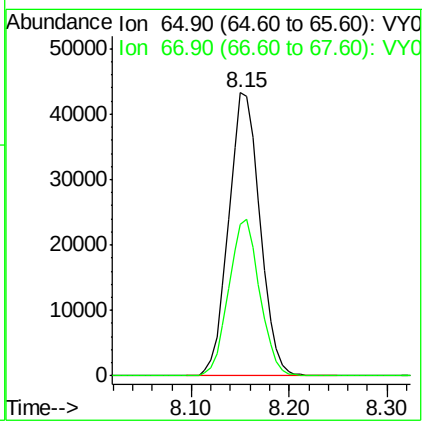


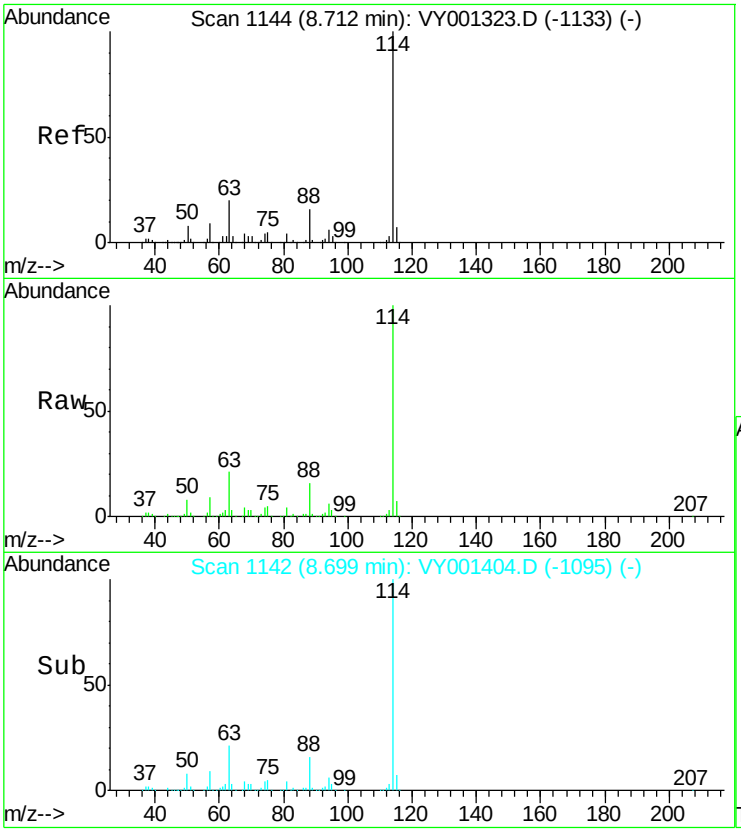


#33
1,2-Dichloroethane-d4
Concen: 50.09 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.02 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Tgt Ion: 65 Resp: 96146

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	108.6



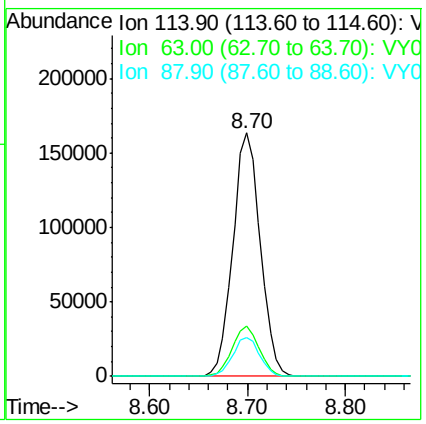


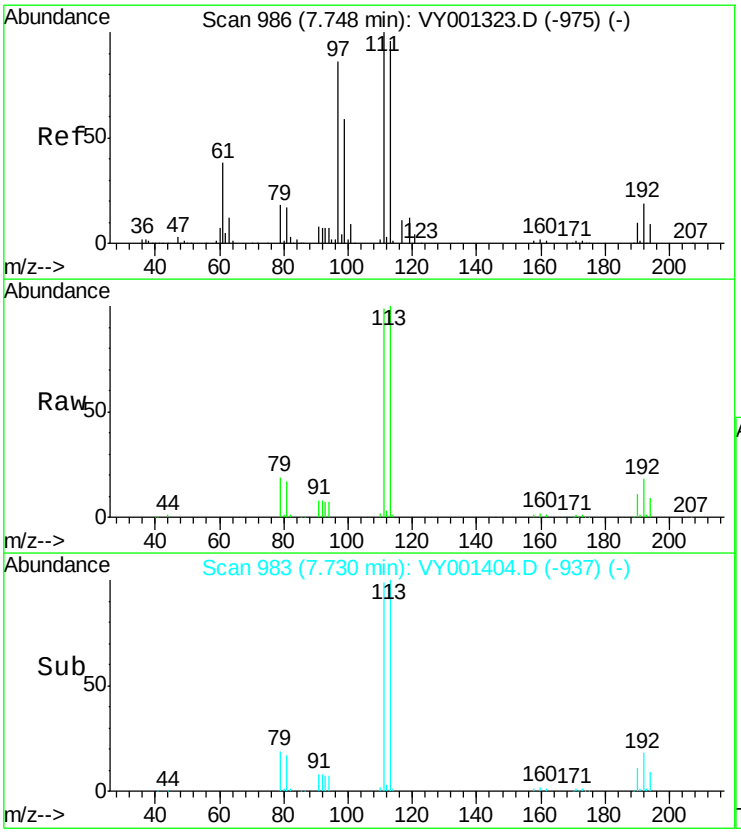
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-012320-A

Tgt Ion:114 Resp: 317269

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.8
88	16.2	0.0	31.0

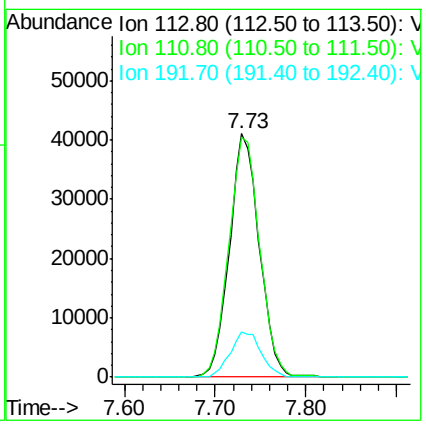


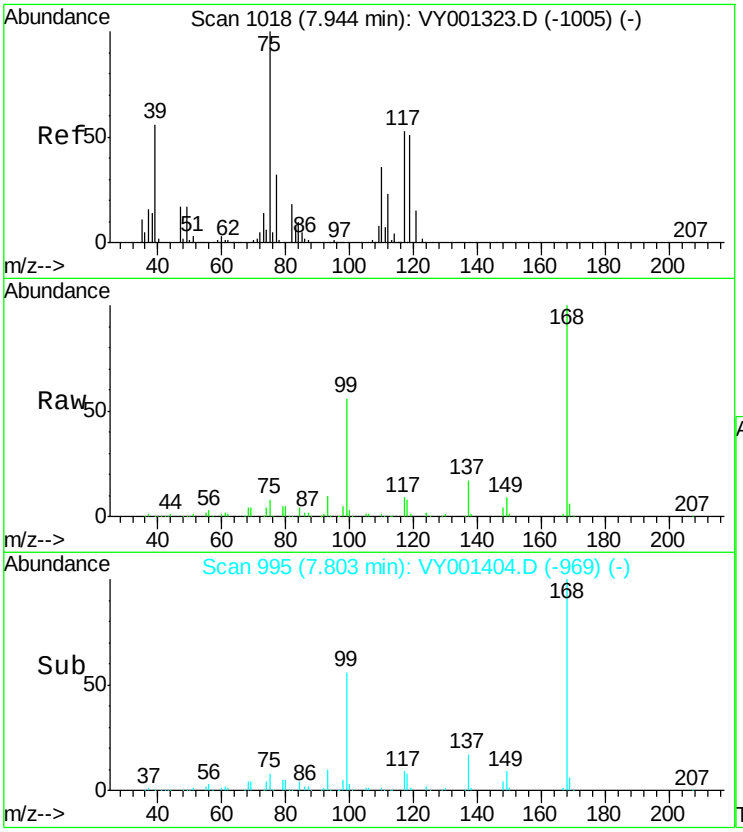


#35
Dibromofluoromethane
Concen: 50.25 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.02 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Tgt Ion:113 Resp: 93562

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.8	124.2
192	19.2	15.5	23.3



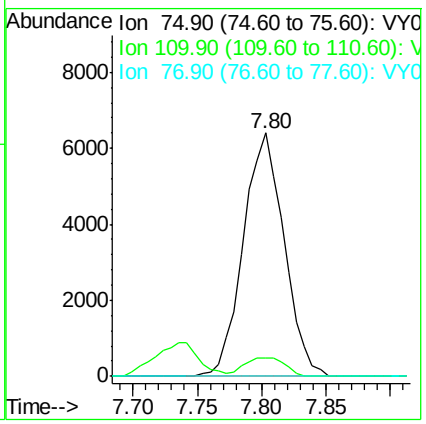


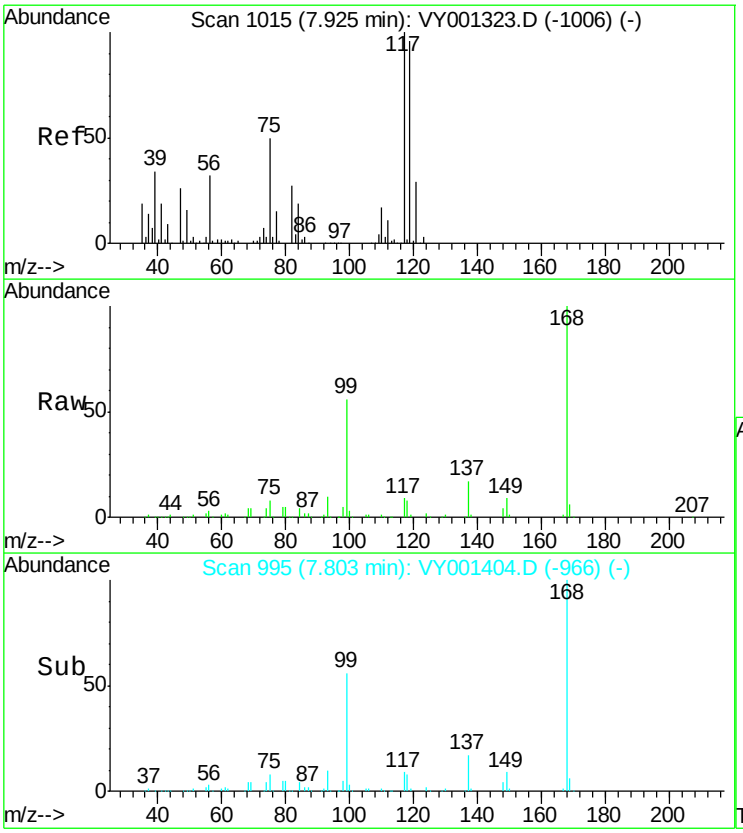
#36
1,1-Dichloropropene
Concen: 4.67 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.14 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-012320-A

Tgt Ion: 75 Resp: 13995

Ion	Ratio	Lower	Upper
75	100		
110	7.7	17.6	52.8#
77	0.0	24.7	37.1#

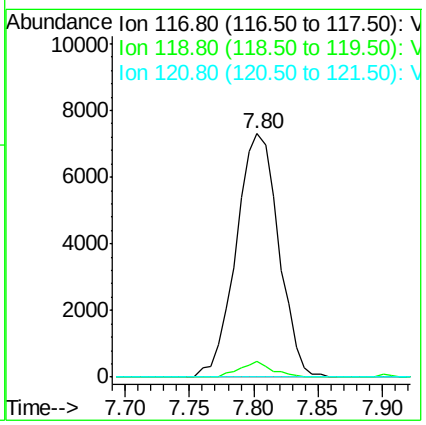


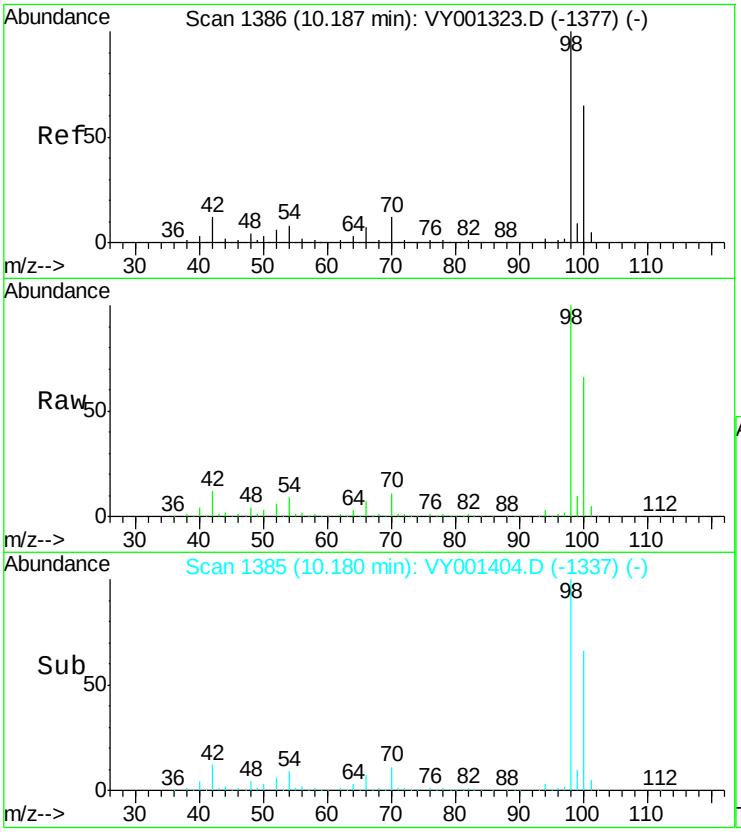


#38
Carbon Tetrachloride
Concen: 6.24 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Tgt Ion:117 Resp: 16674

Ion	Ratio	Lower	Upper
117	100		
119	6.6	76.3	114.5#
121	0.0	23.5	35.3#



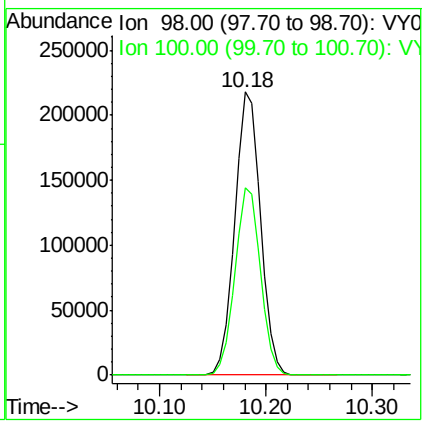


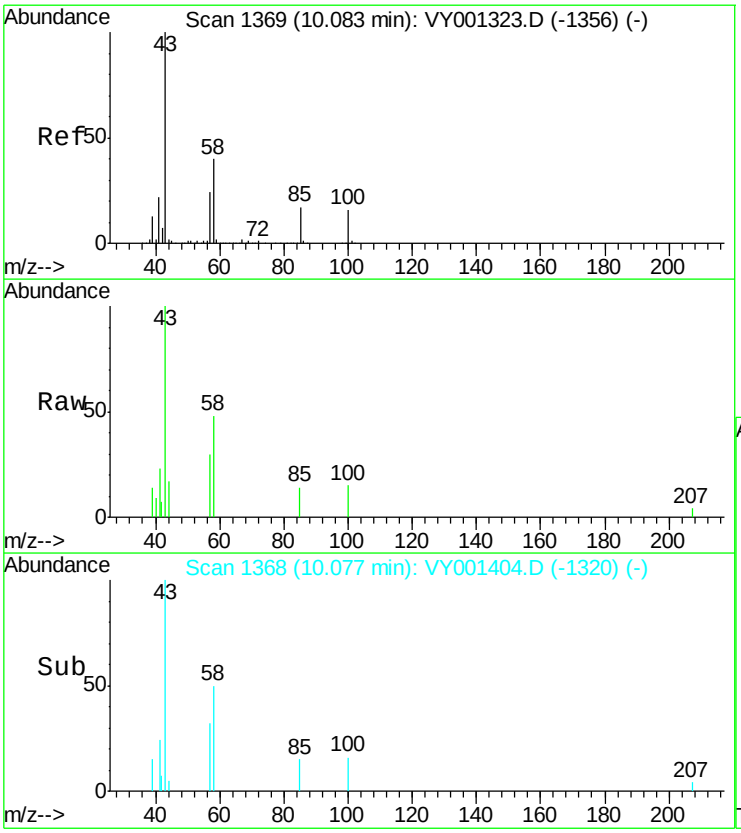
#50
Toluene-d8
Concen: 51.14 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Instrument : MSVOA_Y
ClientSampleId : JC-03-012320-A

Tgt Ion: 98 Resp: 369942

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.6	79.0

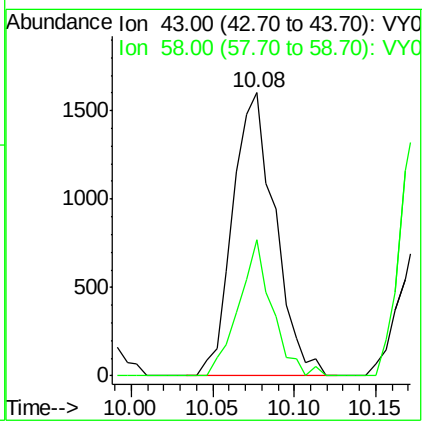


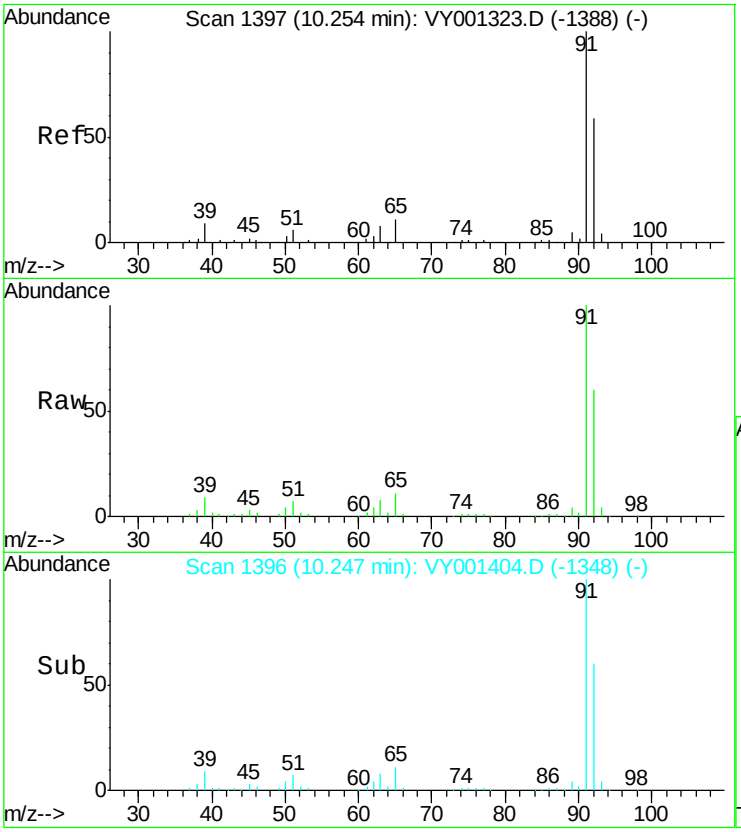


#51
4-Methyl-2-Pentanone
Concen: 1.57 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Tgt Ion: 43 Resp: 2888

Ion	Ratio	Lower	Upper
43	100		
58	38.1	31.5	47.3



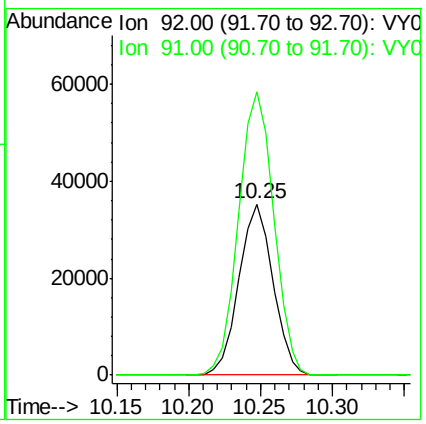


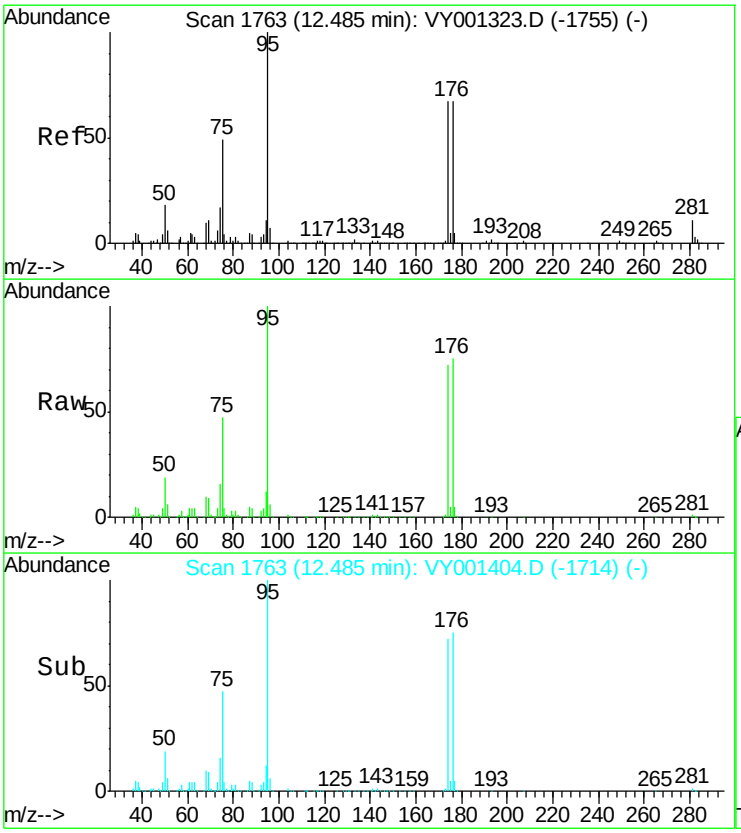
#52
Toluene
Concen: 10.17 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.01 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-012320-A

Tgt Ion: 92 Resp: 57926

Ion	Ratio	Lower	Upper
92	100		
91	171.0	136.4	204.6

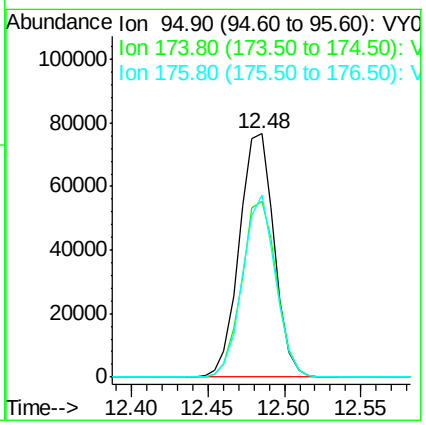


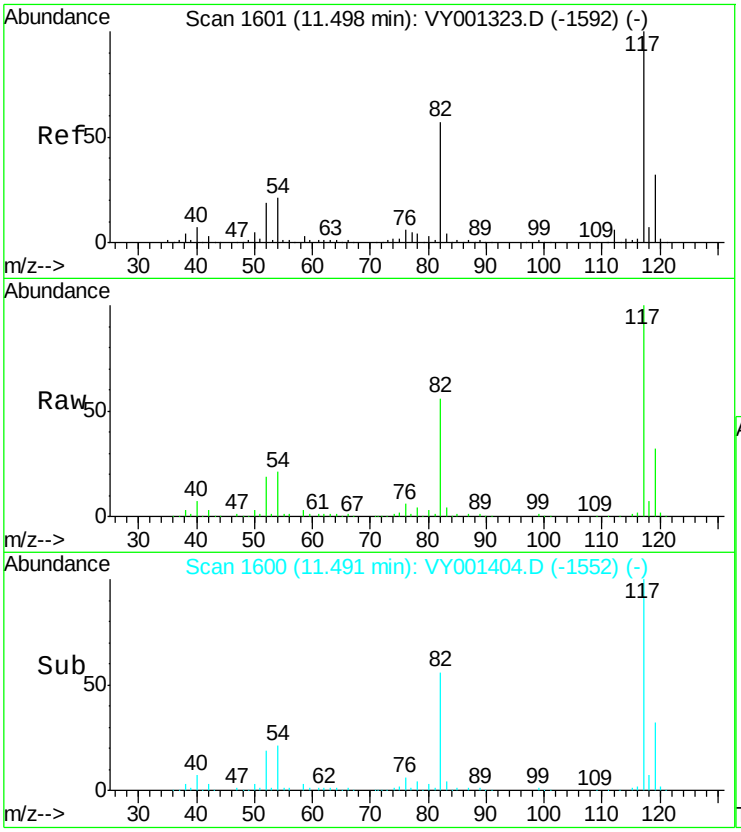


#62
4-Bromofluorobenzene
Concen: 41.90 ug/l
RT: 12.48 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Tgt Ion: 95 Resp: 120727

Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	142.0
176	71.1	0.0	138.6



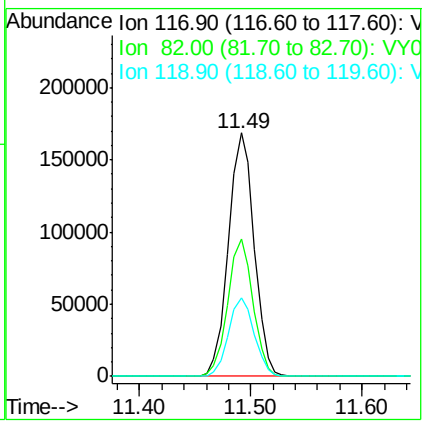


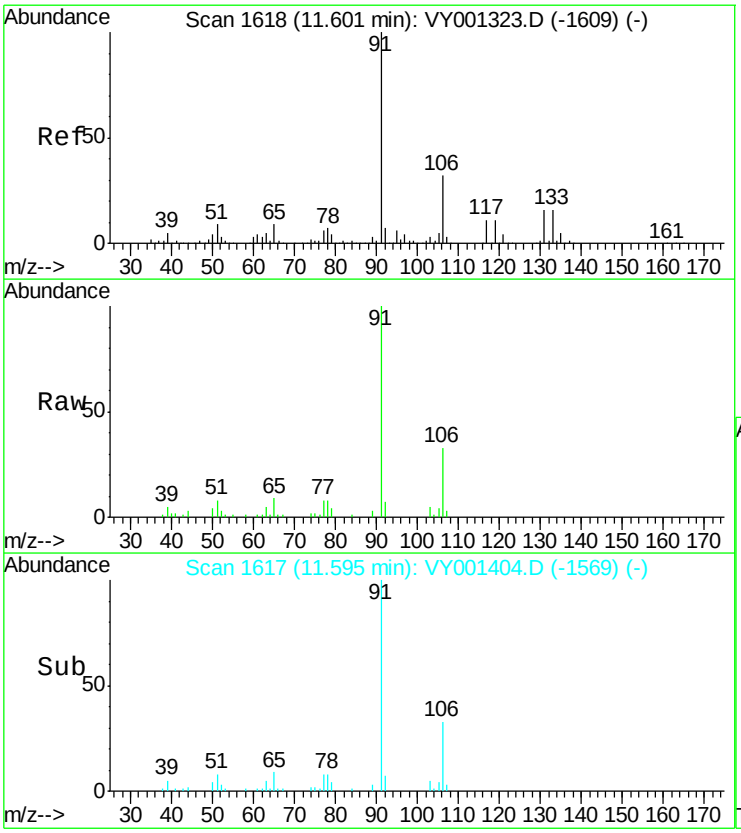
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Instrument : MSVOA_Y
ClientSampleId : JC-03-012320-A

Tgt Ion:117 Resp: 268887

Ion	Ratio	Lower	Upper
117	100		
82	56.2	45.5	68.3
119	32.2	25.8	38.6

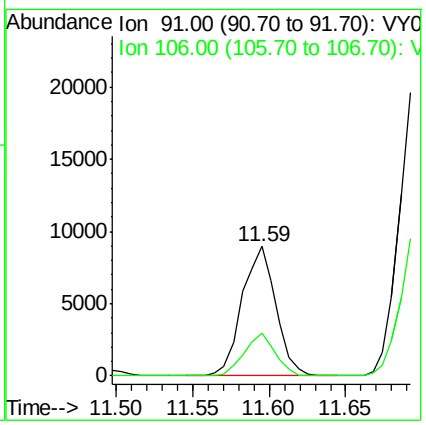


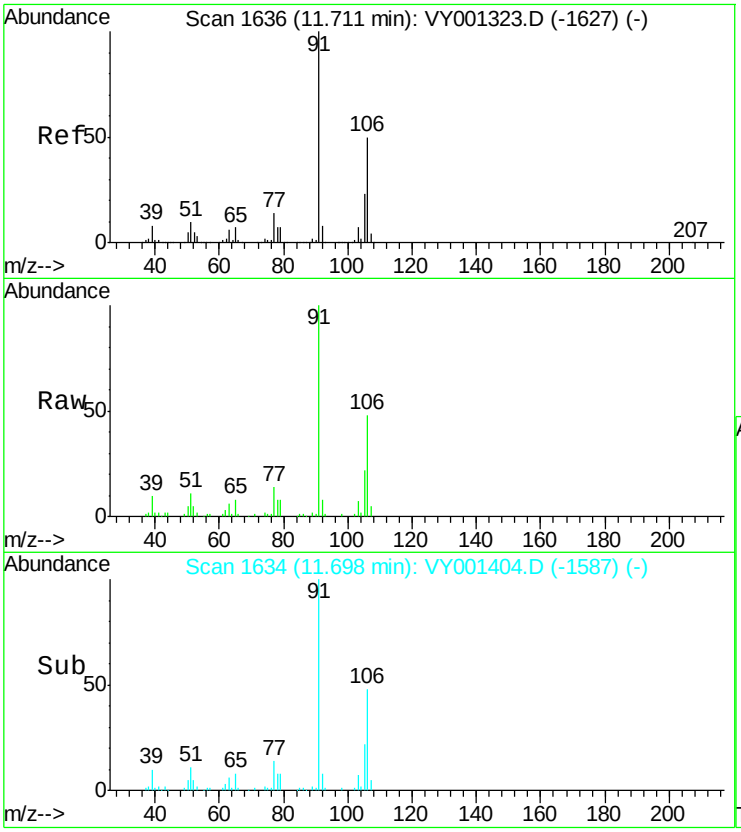


#67
Ethyl Benzene
Concen: 1.32 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Tgt Ion: 91 Resp: 13764

Ion	Ratio	Lower	Upper
91	100		
106	32.7	25.4	38.0



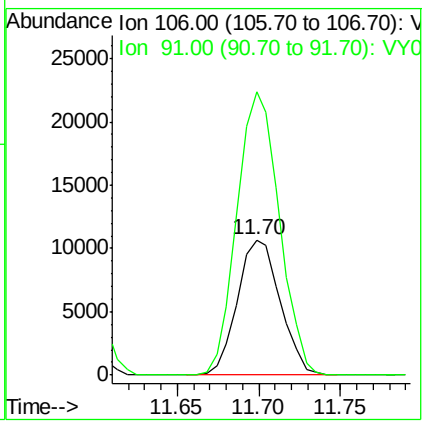


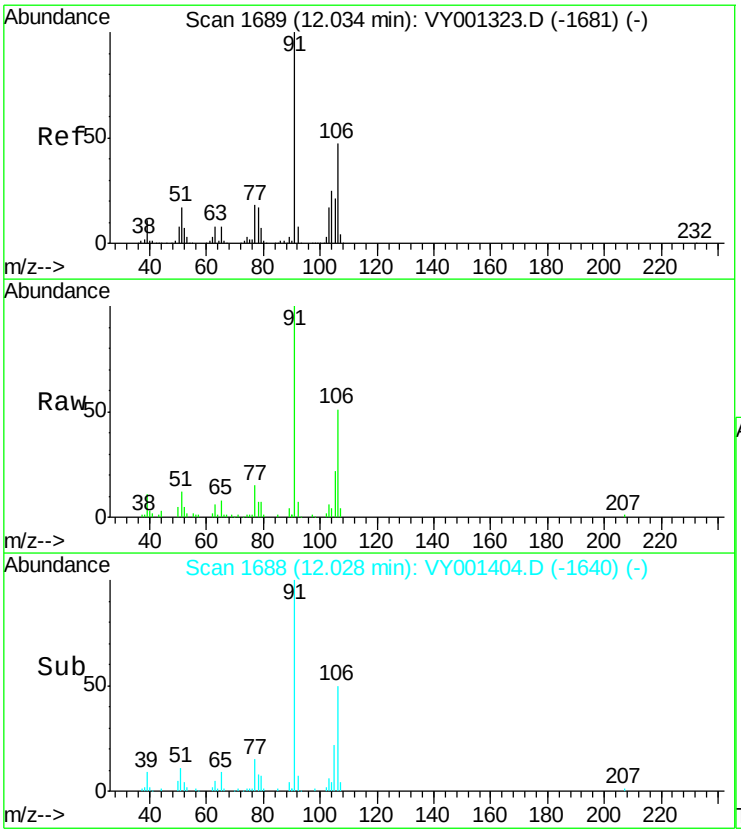
#68
m/p-Xylenes
Concen: 5.00 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-012320-A

Tgt Ion:106 Resp: 19496

Ion	Ratio	Lower	Upper
106	100		
91	207.2	162.8	244.2

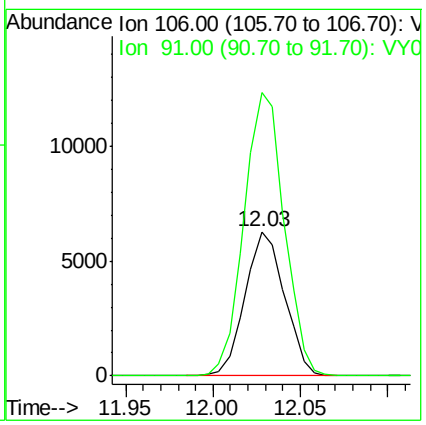


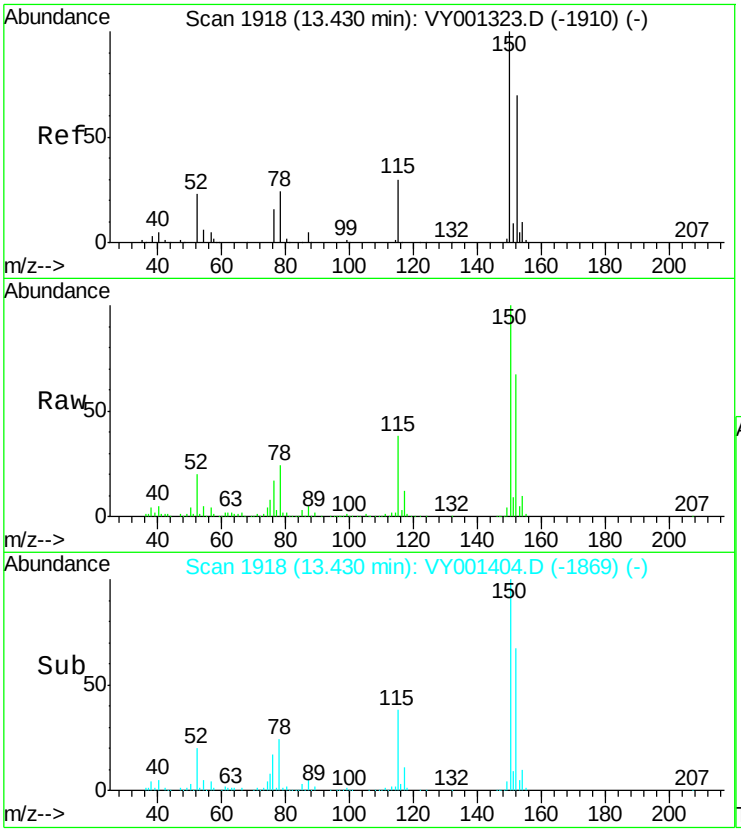


#69
o-Xylene
Concen: 2.63 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Tgt Ion:106 Resp: 9886

Ion	Ratio	Lower	Upper
106	100		
91	199.1	106.3	319.0



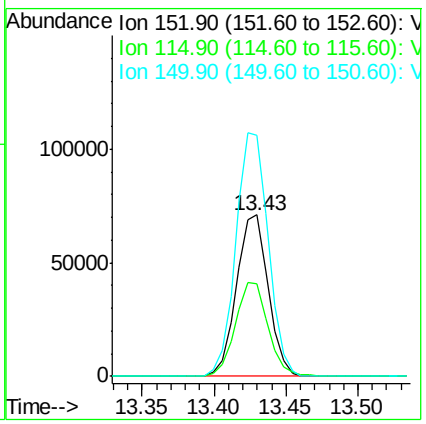


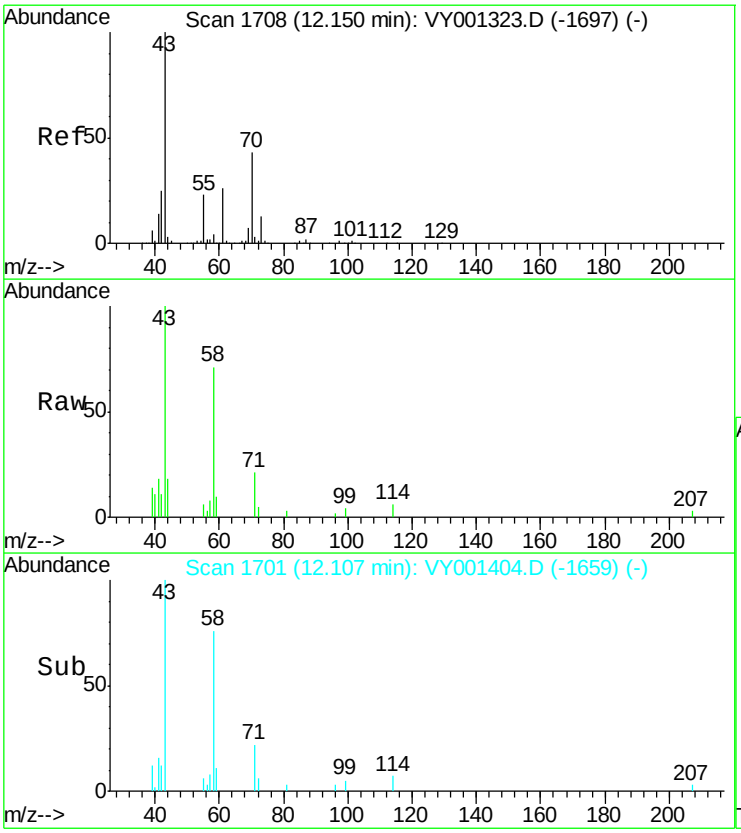
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Instrument : MSVOA_Y
ClientSampleId : JC-03-012320-A

Tgt Ion:152 Resp: 108031

Ion	Ratio	Lower	Upper
152	100		
115	60.2	30.9	92.8
150	153.8	0.0	349.2

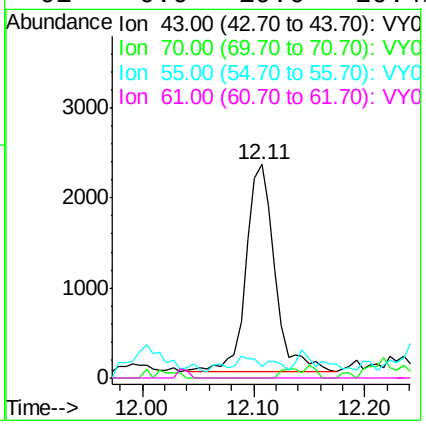


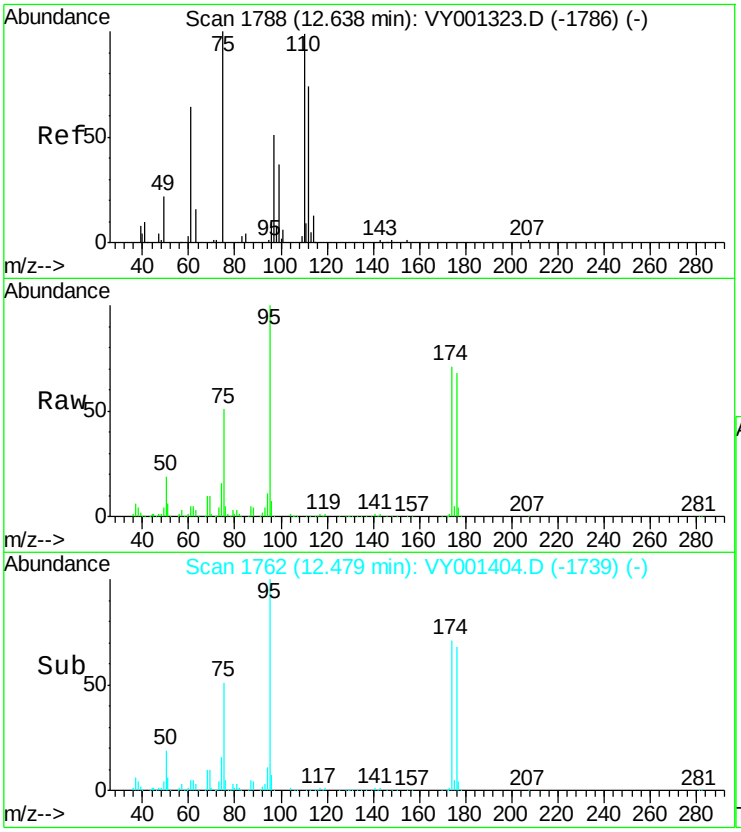


#74
N-amyl acetate
Concen: 1.49 ug/l
RT: 12.11 min Scan# 1701
Delta R.T. -0.04 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Tgt Ion: 43 Resp: 4151

Ion	Ratio	Lower	Upper
43	100		
70	0.0	33.5	50.3#
55	3.9	18.2	27.2#
61	0.0	19.6	29.4#



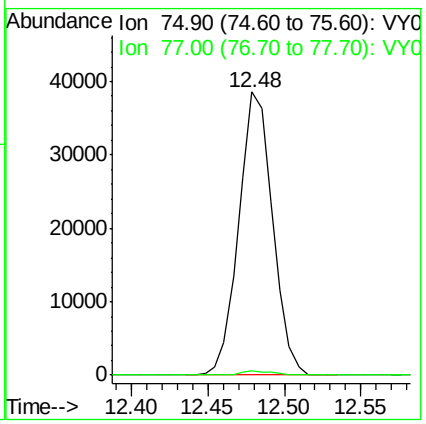


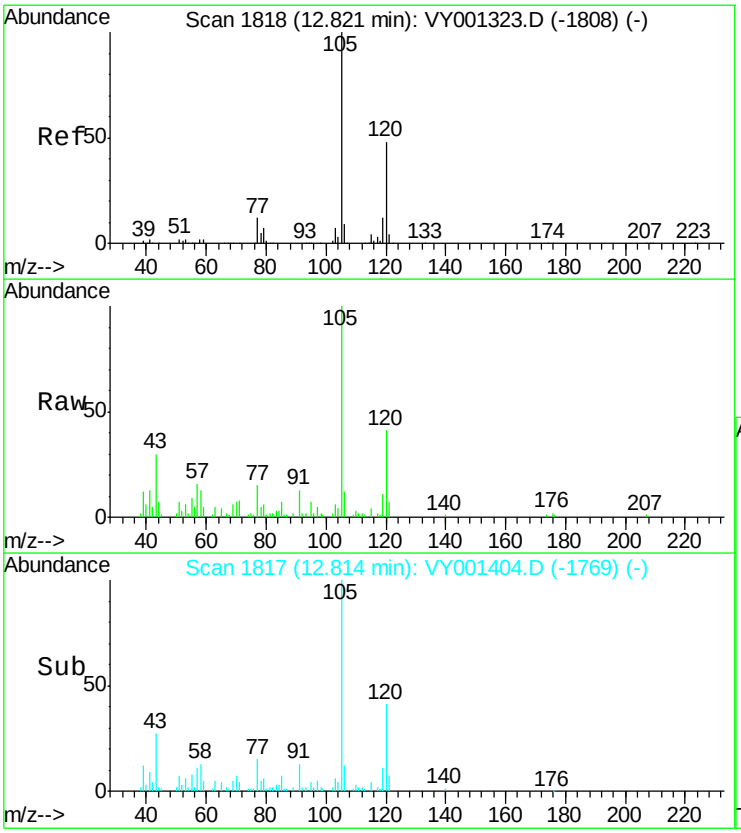
#76
1,2,3-Trichloropropane
Concen: 45.33 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-012320-A

Tgt Ion: 75 Resp: 59015

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

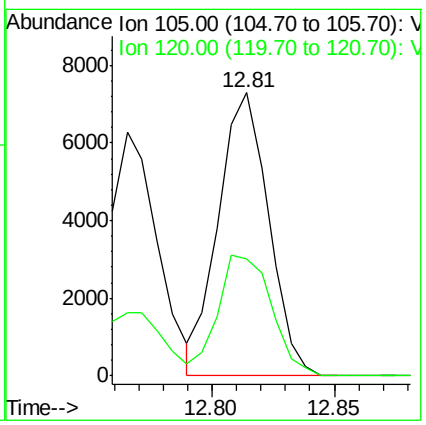


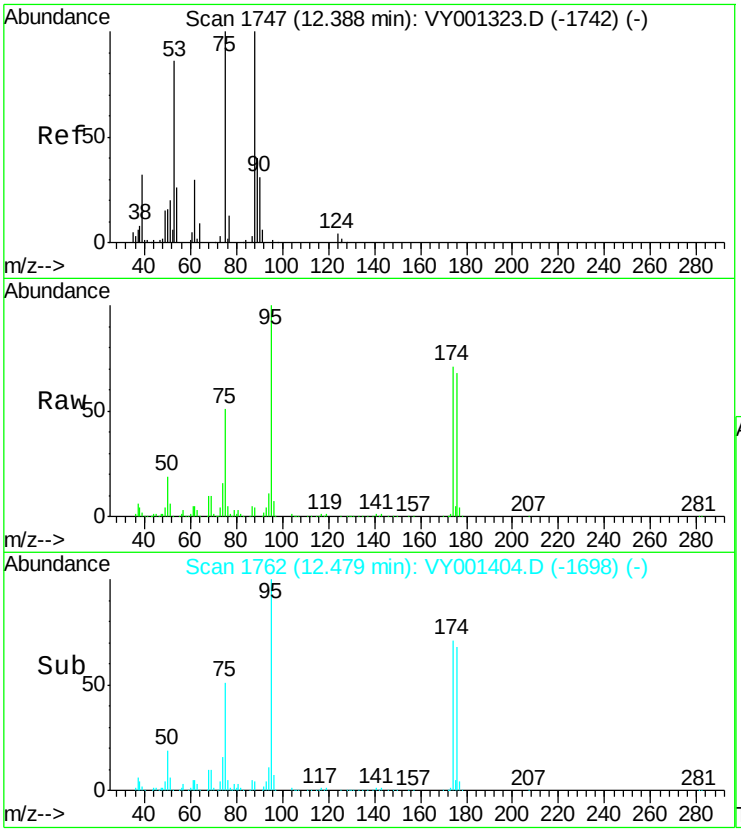


#80
1,3,5-Trimethylbenzene
Concen: 1.46 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. -0.01 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Tgt Ion:105 Resp: 10412

Ion	Ratio	Lower	Upper
105	100		
120	45.7	24.3	72.9



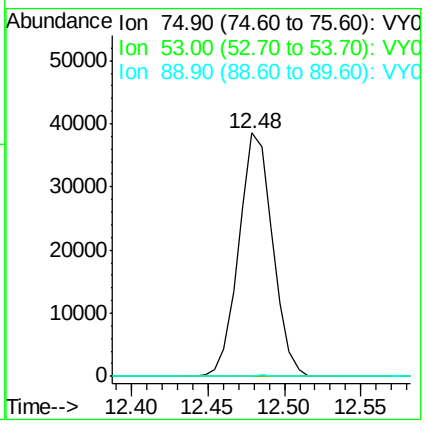


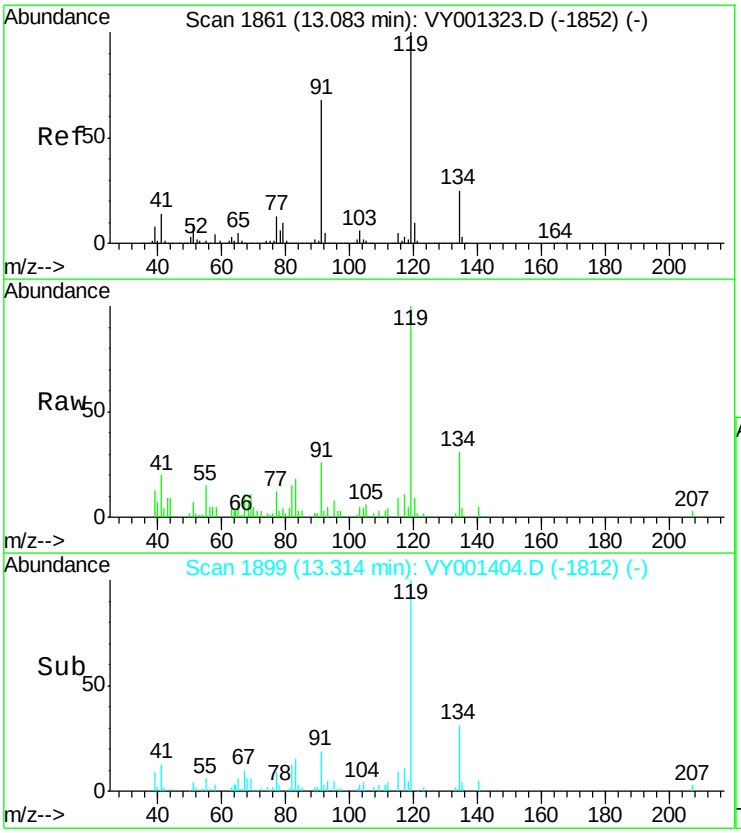
#81
trans-1,4-Dichloro-2-butene
Concen: 85.79 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.09 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-012320-A

Tgt Ion: 75 Resp: 59015

Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.9	104.9#
89	0.1	36.6	54.8#

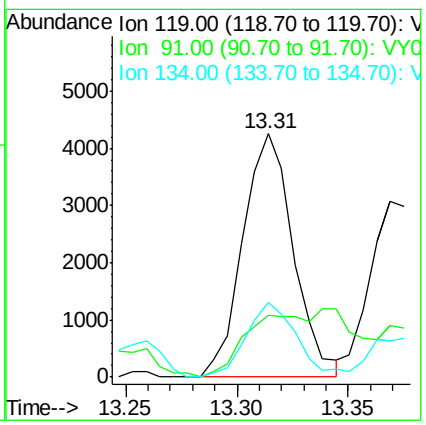


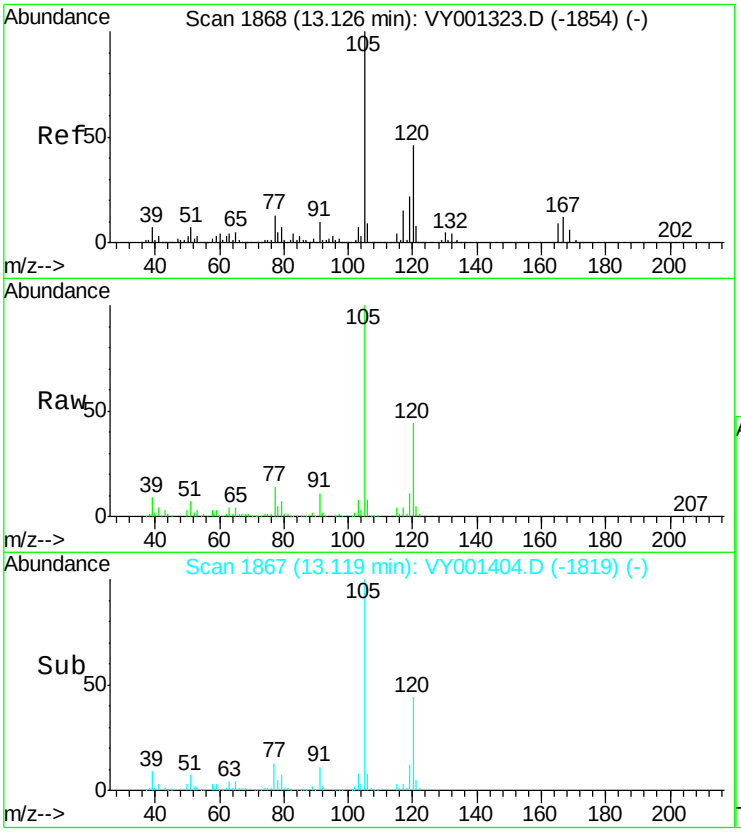


#83
tert-Butylbenzene
Concen: 1.12 ug/l
RT: 13.31 min Scan# 1899
Delta R.T. 0.23 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Tgt Ion:119 Resp: 6738

Ion	Ratio	Lower	Upper
119	100		
91	33.1	33.0	99.0
134	30.7	13.3	39.9



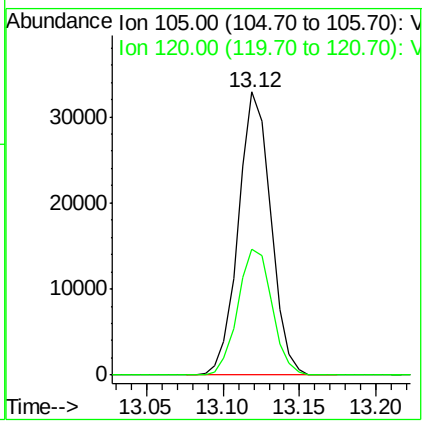


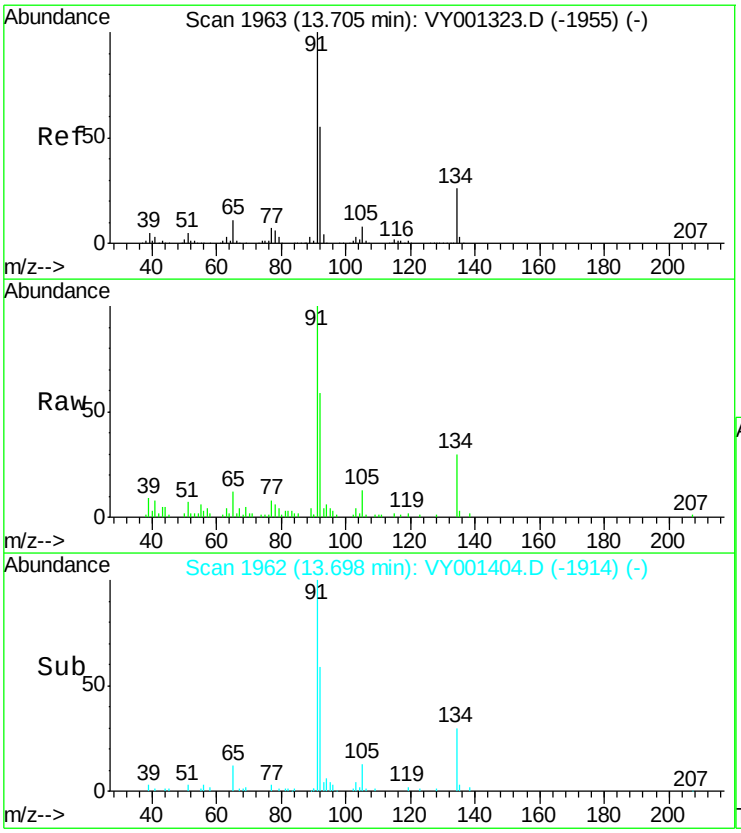
#84
1,2,4-Trimethylbenzene
Concen: 6.78 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.01 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-012320-A

Tgt Ion:105 Resp: 48426

Ion	Ratio	Lower	Upper
105	100		
120	46.8	22.4	67.3

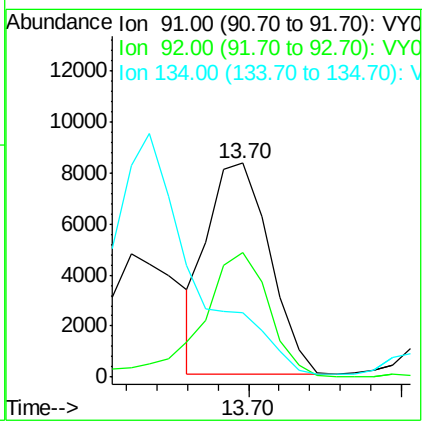


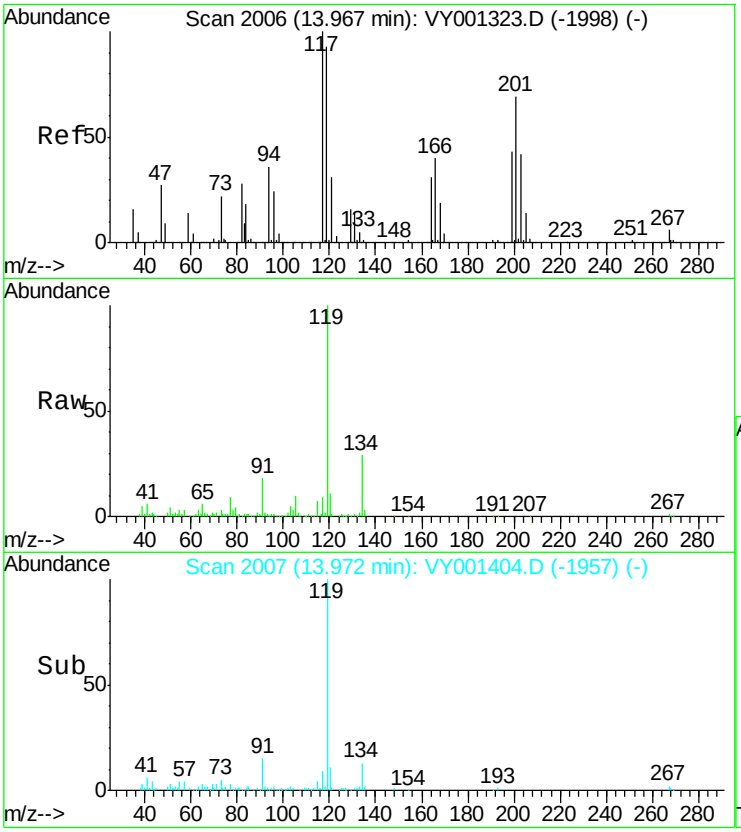


#89
n-Butylbenzene
Concen: 1.54 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Tgt Ion: 91 Resp: 11617

Ion	Ratio	Lower	Upper
91	100		
92	64.3	27.6	82.8
134	0.0	12.9	38.6#



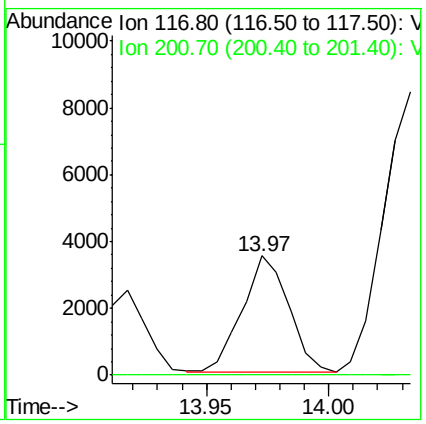


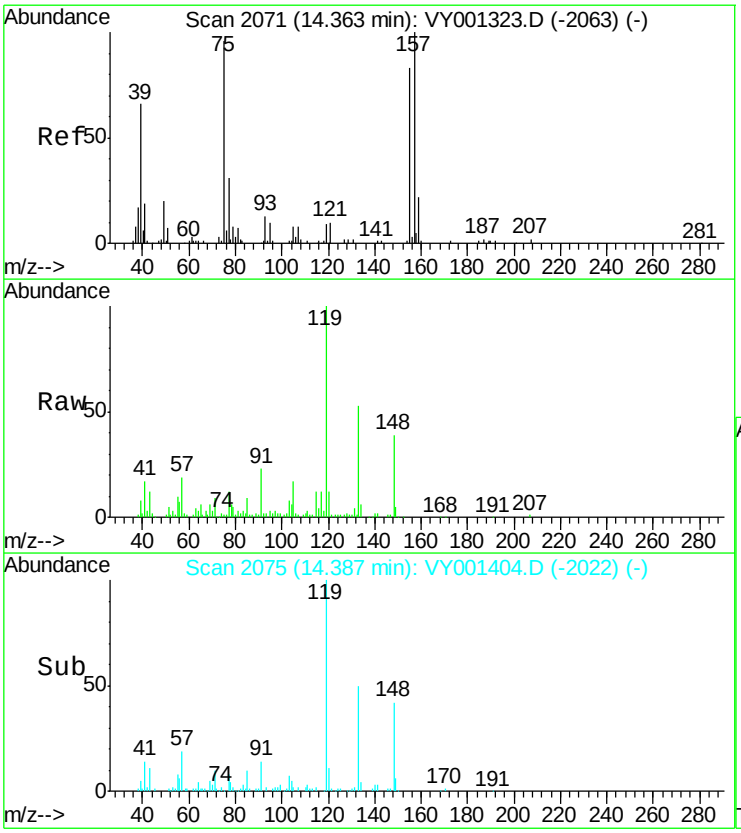
#90
Hexachloroethane
Concen: 3.25 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-012320-A

Tgt Ion:117 Resp: 4624

Ion	Ratio	Lower	Upper
117	100		
201	0.0	34.6	103.8#

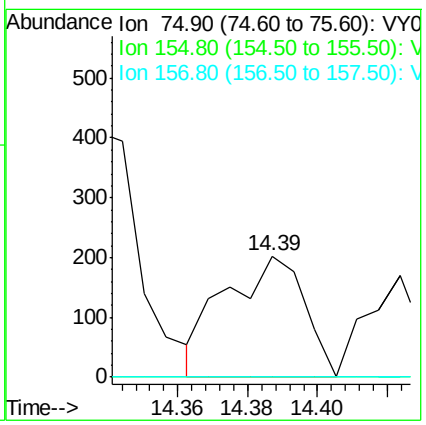


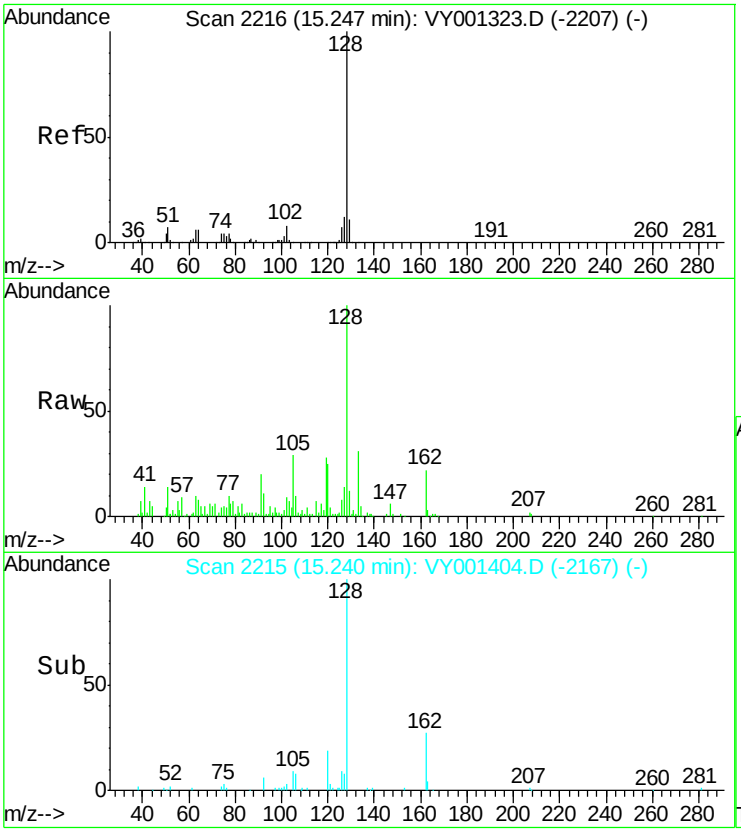


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.01 ug/l
RT: 14.39 min Scan# 2075
Delta R.T. 0.02 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Tgt Ion: 75 Resp: 319

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





#95
Naphthalene
Concen: 4.90 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-012320-A

Tgt Ion:128 Resp: 25234

Ion	Ratio	Lower	Upper
128	100		
127	16.4	10.2	15.2#
129	15.4	8.7	13.1#