Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY051120\
Data File : VY002655.D
Acq On : 11 May 2020 12:00
Operator : SY/MD
Sample : L2502-01
Misc : 7.30G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: May 11 15:09:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	350247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	538199	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	472656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	224205	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	149540	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.56%			
35) Dibromofluoromethane	7.74	113	159440	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.60%			
50) Toluene-d8	10.19	98	626871	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.30%			
62) 4-Bromofluorobenzene	12.49	95	200354	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.24%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	89	1.814	ug/l #	43
11) Tert butyl alcohol	4.97	59	827	2.730	ug/l #	74
13) Acrolein	3.75	56	635	3.031	ug/l #	55
16) Acetone	3.97	43	22239	36.591	ug/l	98
20) Methylene Chloride	4.74	84	11269	3.316	ug/l	99
25) 2-Butanone	7.02	43	6013	6.044	ug/l	89
31) Cyclohexane	7.81	56	10184	1.924	ug/l #	22
36) 1,1-Dichloropropene	7.82	75	21408	4.745	ug/l #	49
37) Ethyl Acetate	7.02	43	6013	2.593	ug/l #	68
38) Carbon Tetrachloride	7.82	117	30055	6.102	ug/l #	16
39) Methylcyclohexane	9.20	83	11416	1.916	ug/l	100
40) Benzene	8.18	78	15002	1.151	ug/l	99
52) Toluene	10.26	92	16049	1.916	ug/l	98
68) m/p-Xylenes	11.70	106	9734	1.594	ug/l	96
76) 1,2,3-Trichloropropane	12.49	75	96349	48.357	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	96349	96.966	ug/l #	15
95) Naphthalene	15.25	128	12577	1.549	ug/l	98
96) 1,2,3-Trichlorobenzene	15.44	180	4610	1.220	ug/l #	91

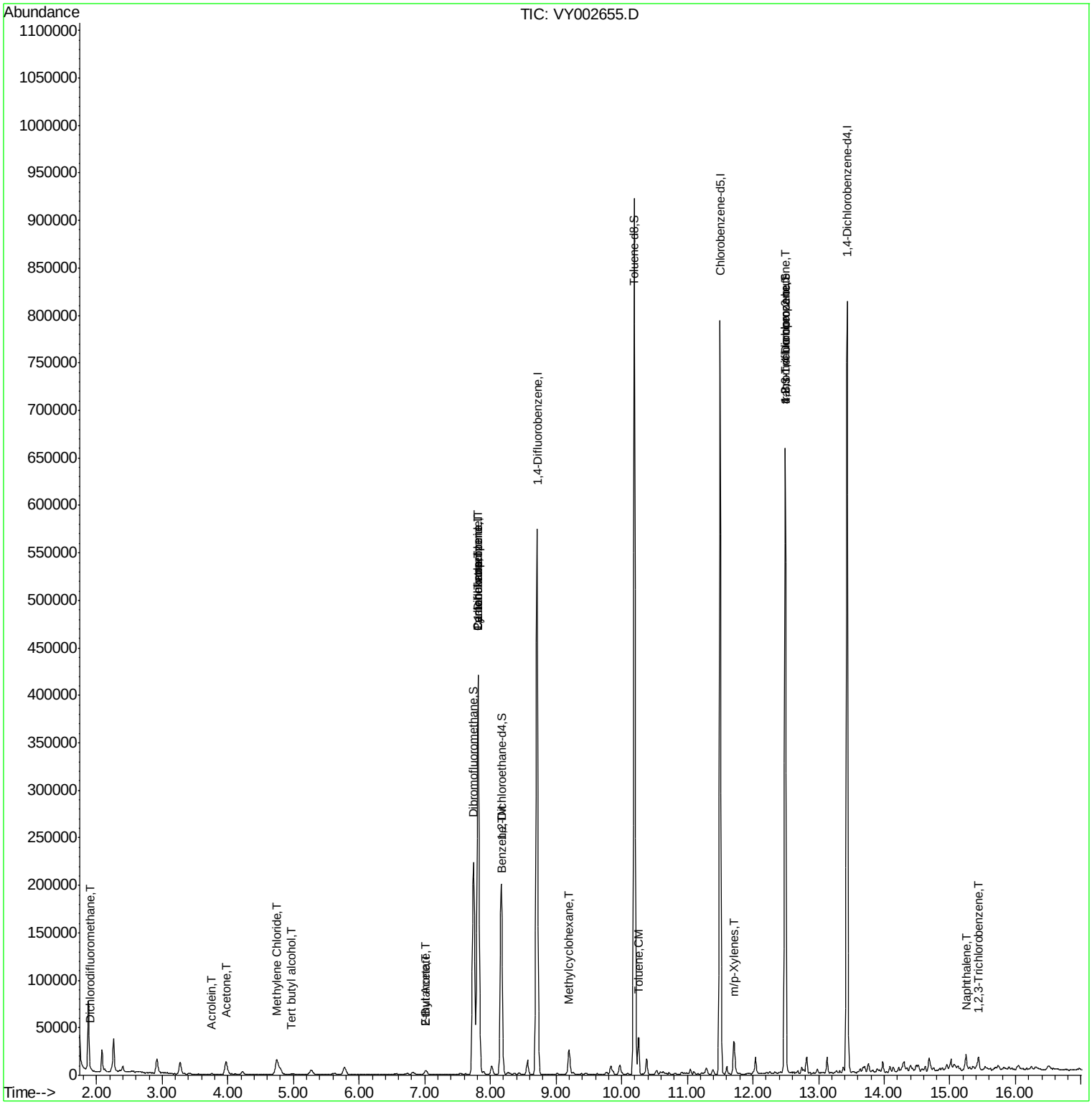
(#) = qualifier out of range (m) = manual integration (+) = signals summed

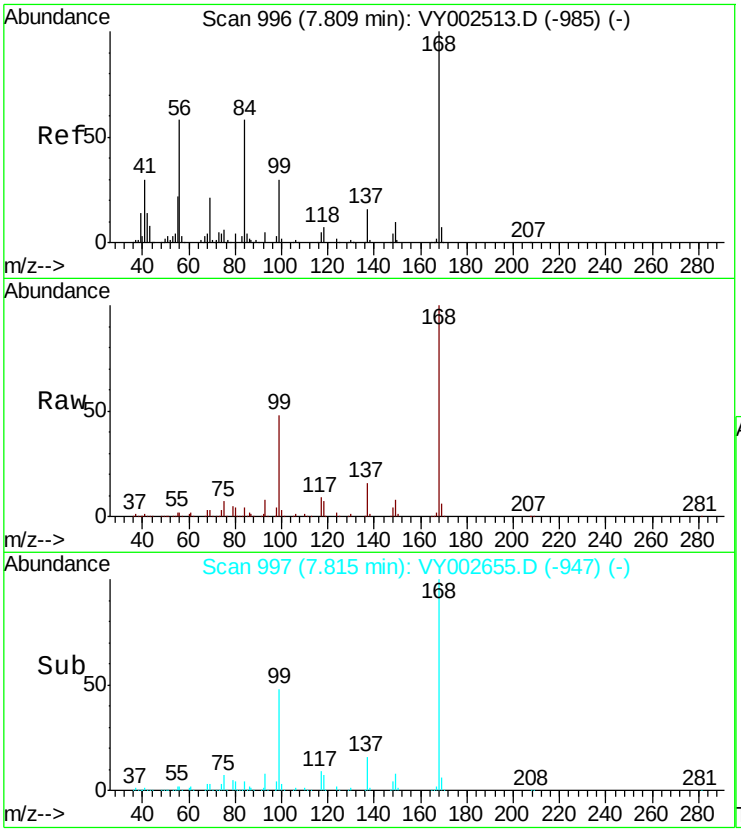
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY051120\
Data File : VY002655.D
Acq On : 11 May 2020 12:00
Operator : SY/MD
Sample : L2502-01
Misc : 7.30G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 11 15:09:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration



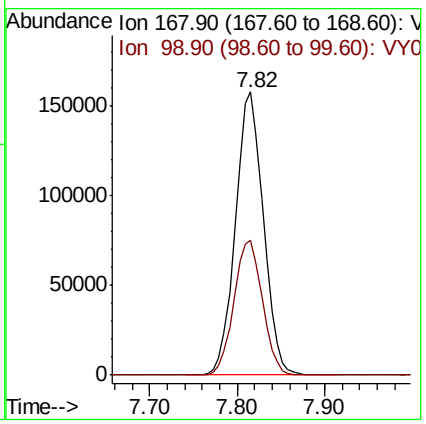


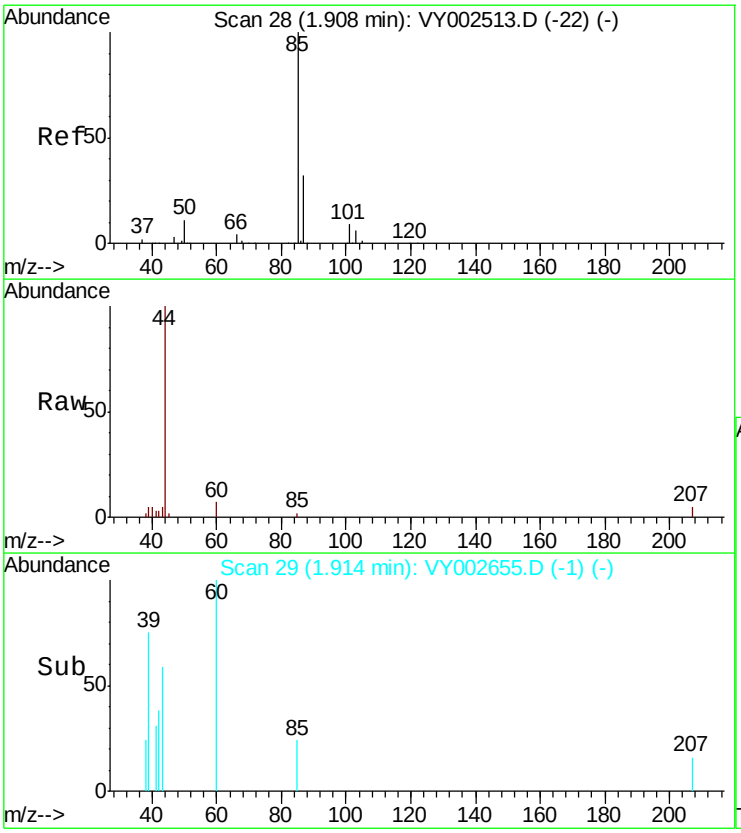
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY002655.D
Acq: 11 May 2020 12:00

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 350247

Ion	Ratio	Lower	Upper
168	100		
99	47.5	39.2	58.8

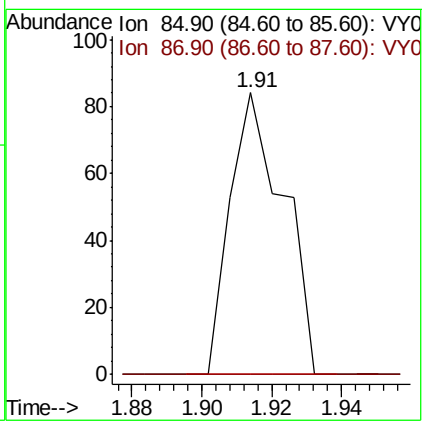


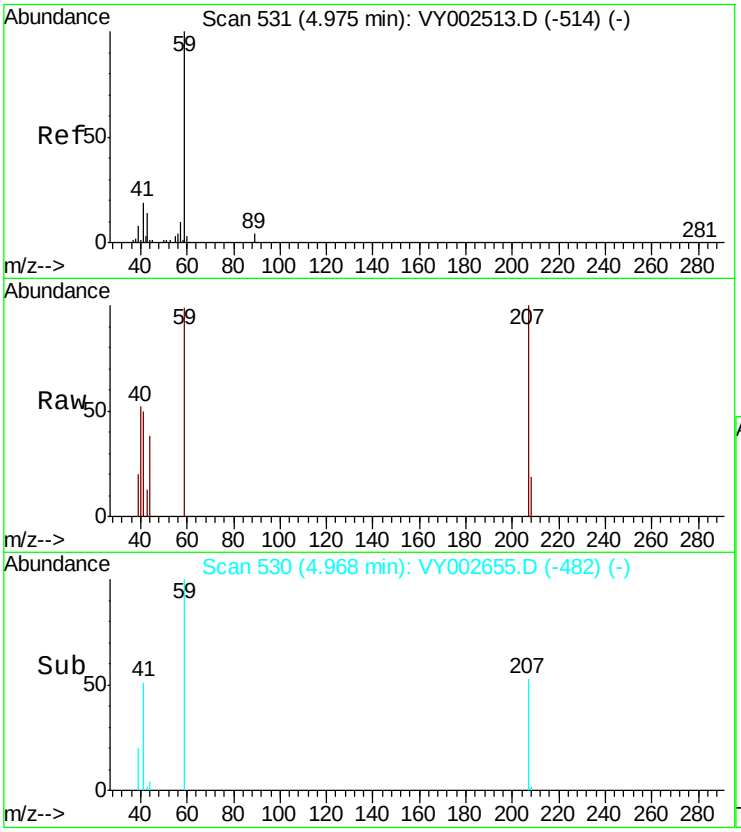


#2
Dichlorodifluoromethane
Concen: 1.814 ug/l
RT: 1.91 min Scan# 29
Delta R.T. 0.01 min
Lab File: VY002655.D
Acq: 11 May 2020 12:00

Tgt Ion: 85 Resp: 89

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.8	47.4#



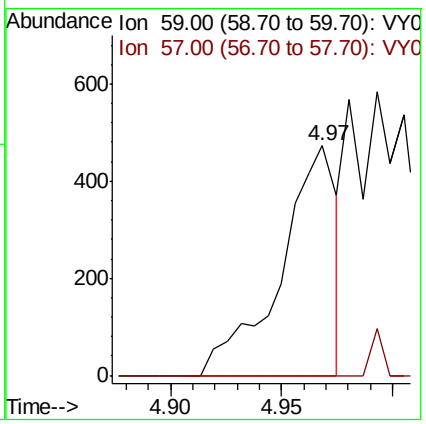


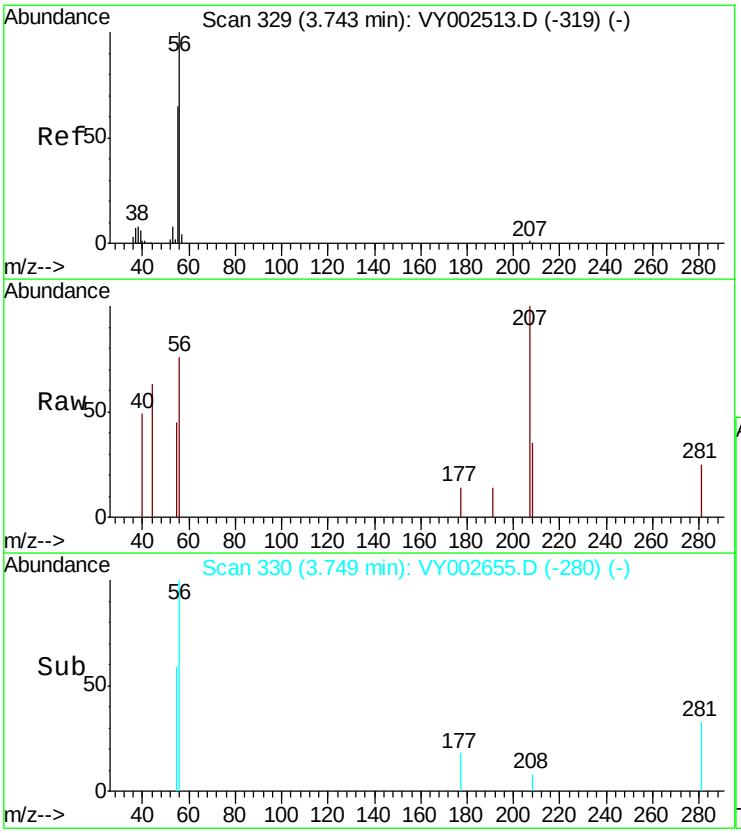
#11
Tert butyl alcohol
Concen: 2.730 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.01 min
Lab File: VY002655.D
Acq: 11 May 2020 12:00

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 827

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#

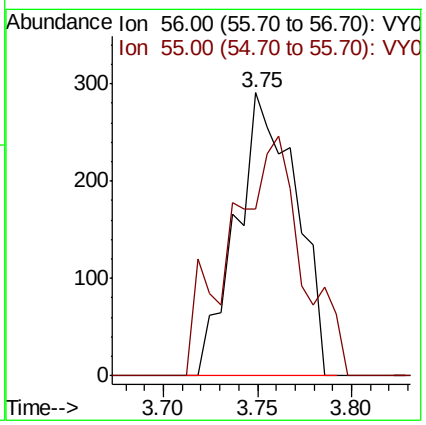


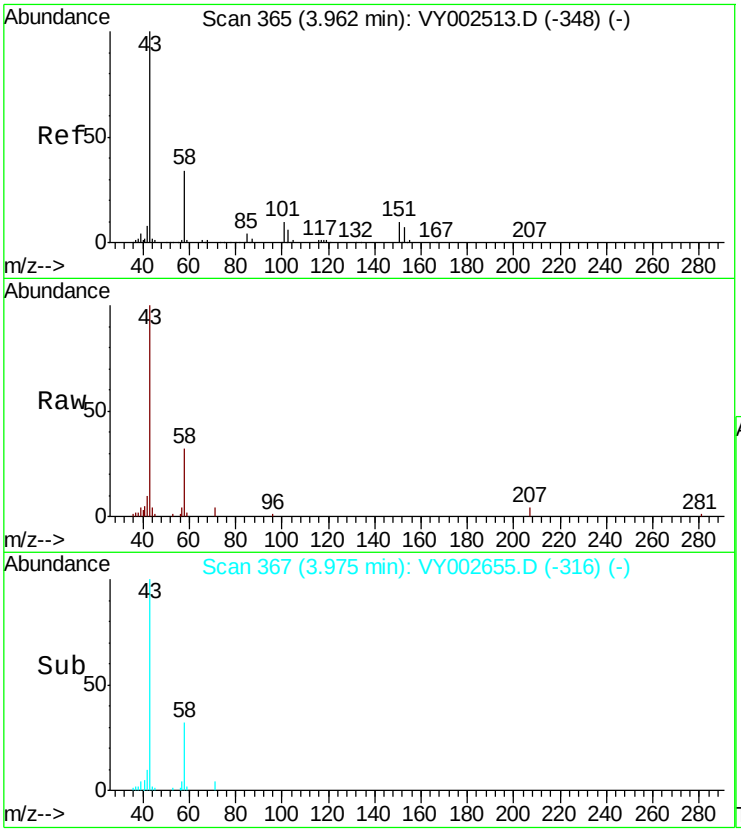


#13
Acrolein
Concen: 3.031 ug/l
RT: 3.75 min Scan# 330
Delta R.T. 0.01 min
Lab File: VY002655.D
Acq: 11 May 2020 12:00

Tgt Ion: 56 Resp: 635

Ion	Ratio	Lower	Upper
56	100		
55	103.0	53.8	80.6#



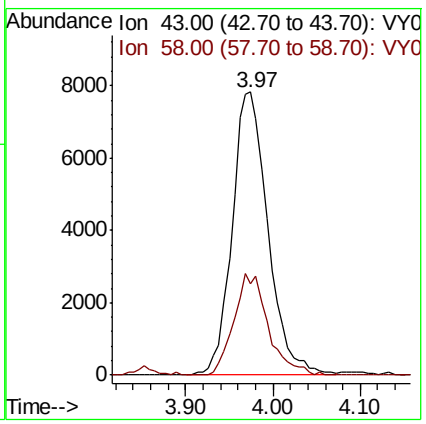


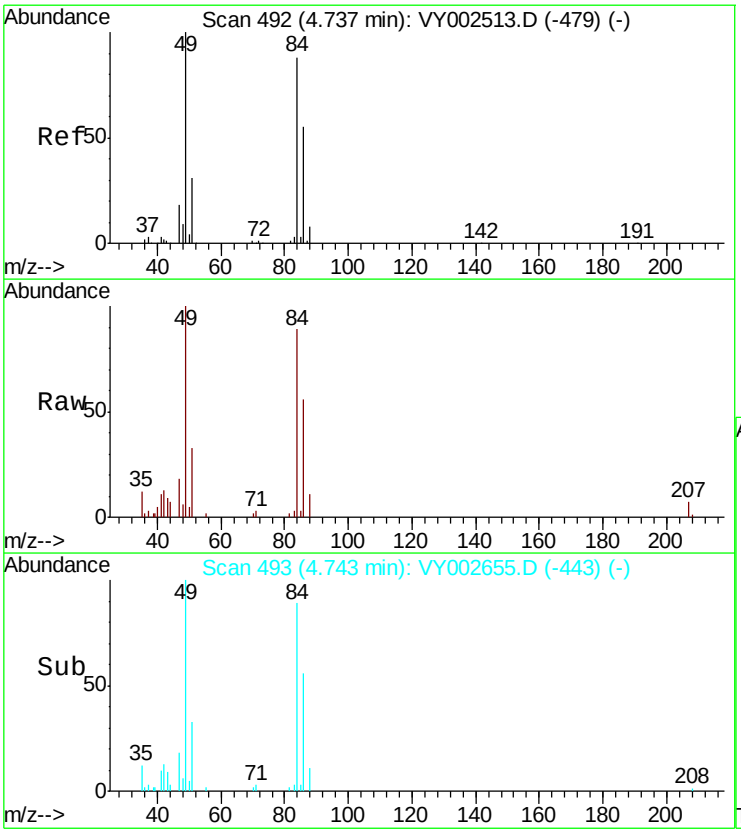
#16
Acetone
Concen: 36.591 ug/l
RT: 3.97 min Scan# 367
Delta R.T. 0.01 min
Lab File: VY002655.D
Acq: 11 May 2020 12:00

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 22239

Ion	Ratio	Lower	Upper
43	100		
58	32.3	26.9	40.3

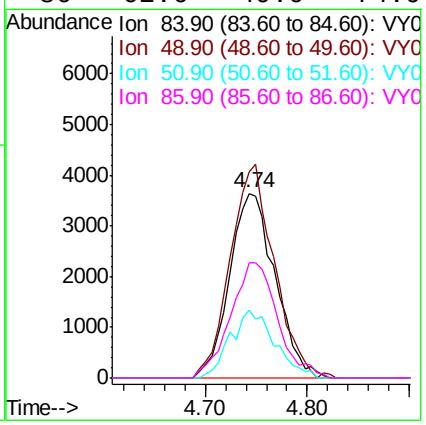


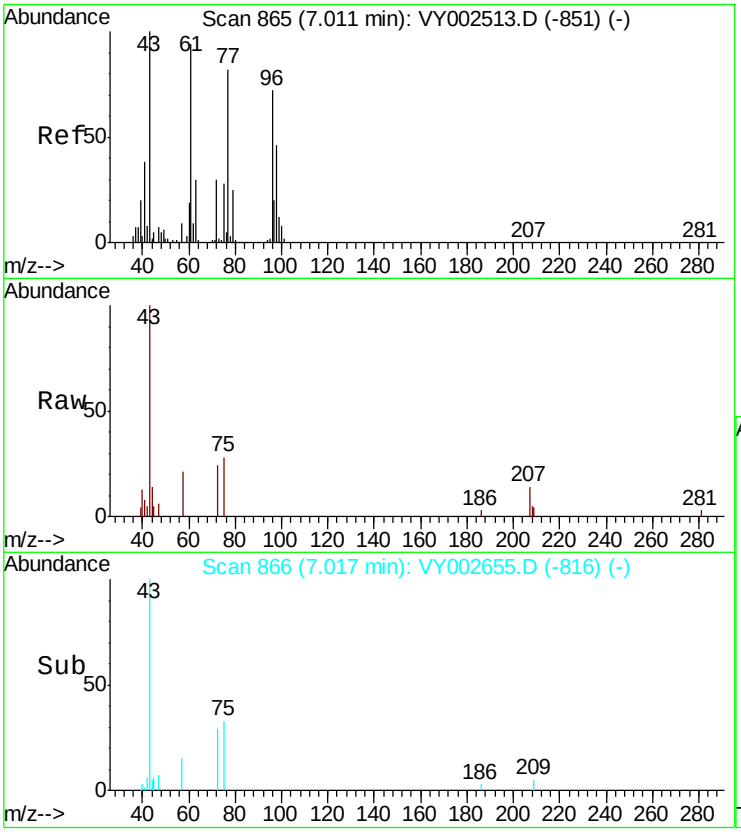


#20
Methylene Chloride
Concen: 3.316 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002655.D
Acq: 11 May 2020 12:00

Tgt Ion: 84 Resp: 11269

Ion	Ratio	Lower	Upper
84	100		
49	111.9	90.5	135.7
51	36.7	28.3	42.5
86	62.6	49.9	74.9



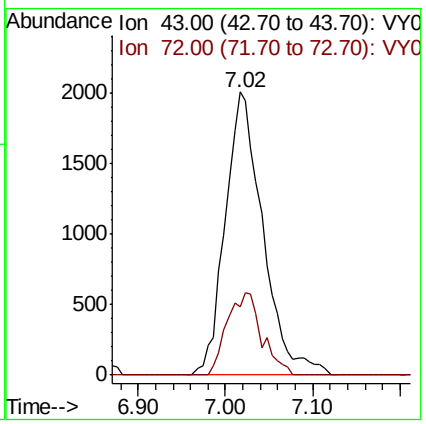


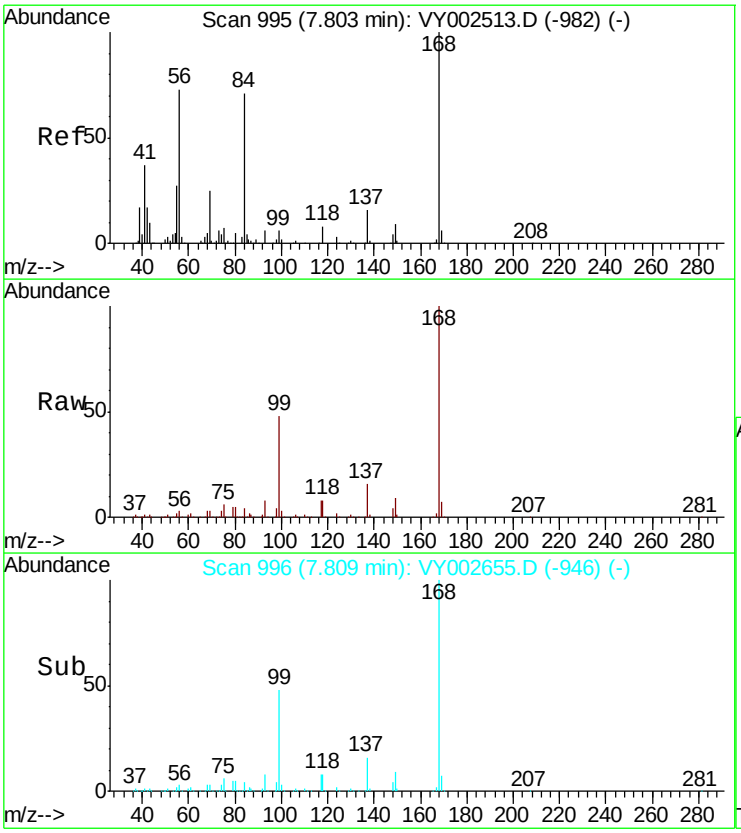
#25
2-Butanone
Concen: 6.044 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY002655.D
Acq: 11 May 2020 12:00

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 6013

Ion	Ratio	Lower	Upper
43	100		
72	24.2	24.1	36.1

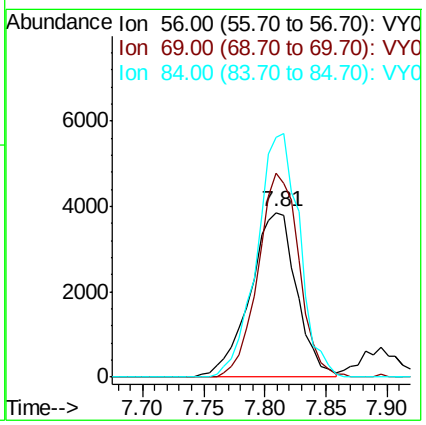


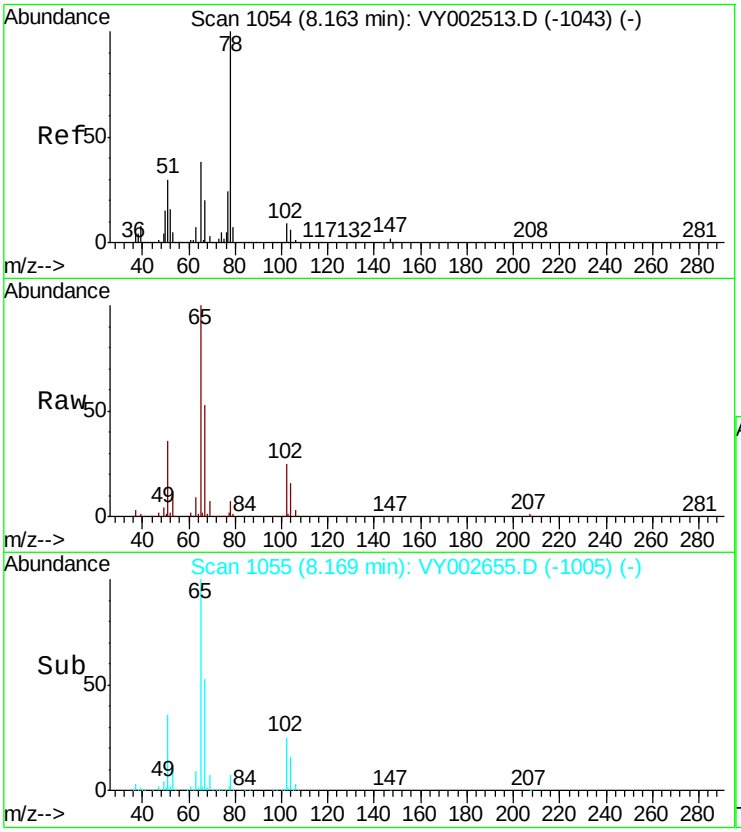


#31
Cyclohexane
Concen: 1.924 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.01 min
Lab File: VY002655.D
Acq: 11 May 2020 12:00

Tgt Ion: 56 Resp: 10184

Ion	Ratio	Lower	Upper
56	100		
69	124.1	27.6	41.4#
84	146.3	77.7	116.5#



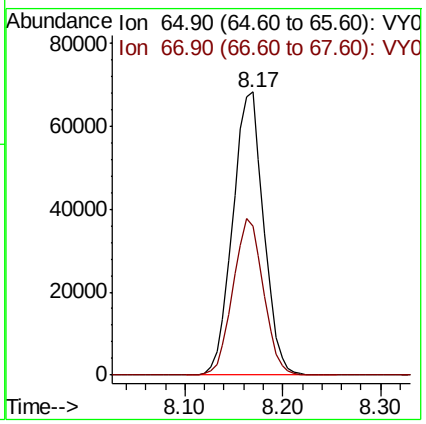


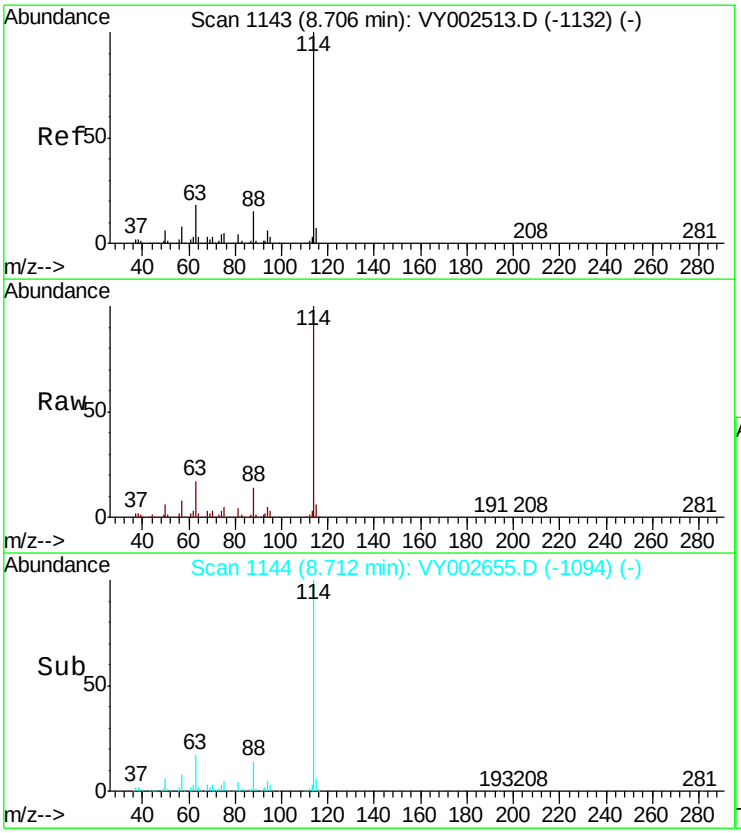
#33
1,2-Dichloroethane-d4
Concen: 50.779 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY002655.D
Acq: 11 May 2020 12:00

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 149540

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	107.2

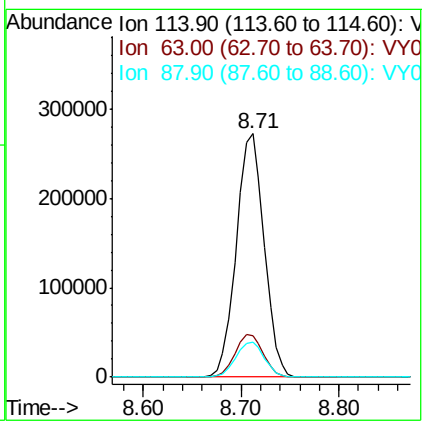


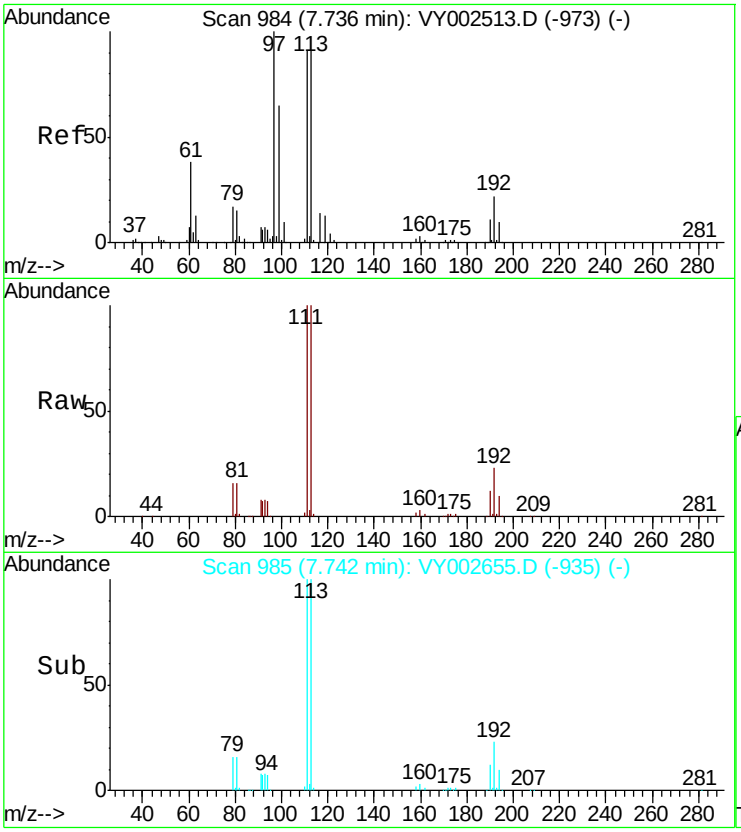


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1144
Delta R.T. 0.01 min
Lab File: VY002655.D
Acq: 11 May 2020 12:00

Tgt Ion:114 Resp: 538199

Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	36.4
88	14.2	0.0	29.6



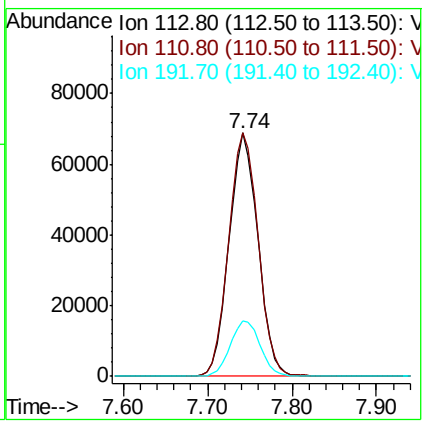


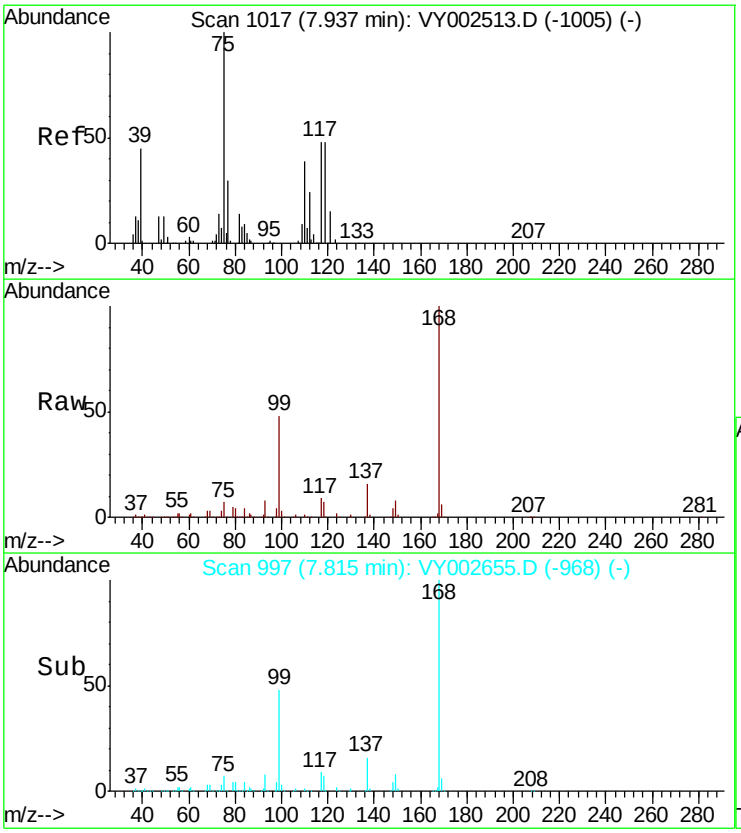
#35
Dibromofluoromethane
Concen: 51.800 ug/l
RT: 7.74 min Scan# 985
Delta R.T. 0.01 min
Lab File: VY002655.D
Acq: 11 May 2020 12:00

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 159440

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.6
192	23.4	18.2	27.4

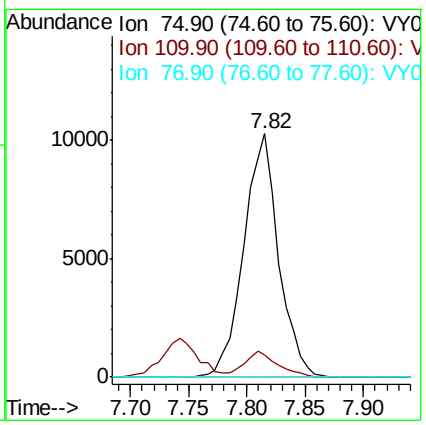


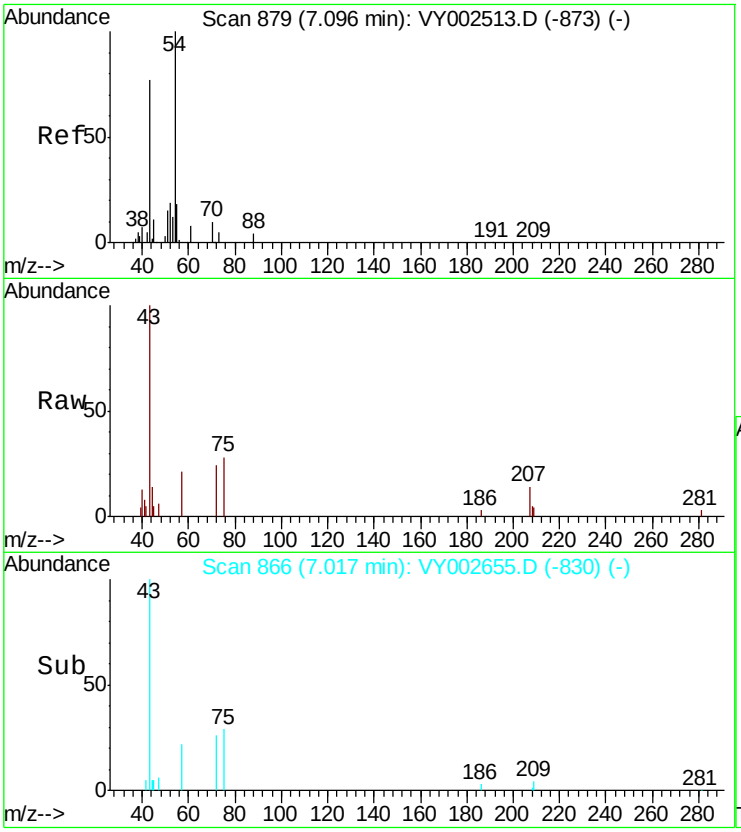


#36
1,1-Dichloropropene
Concen: 4.745 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.12 min
Lab File: VY002655.D
Acq: 11 May 2020 12:00

Tgt Ion: 75 Resp: 21408

Ion	Ratio	Lower	Upper
75	100		
110	10.4	19.1	57.3#
77	0.0	24.6	37.0#



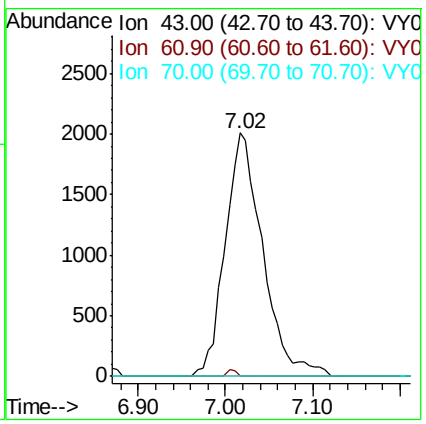


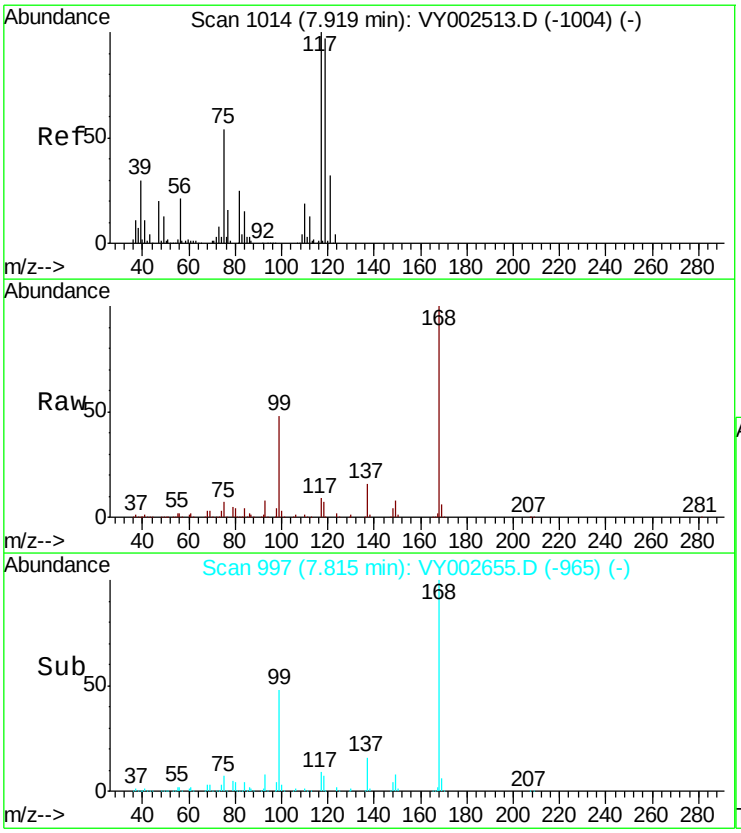
#37
Ethyl Acetate
Concen: 2.593 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.08 min
Lab File: VY002655.D
Acq: 11 May 2020 12:00

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 6013

Ion	Ratio	Lower	Upper
43	100		
61	0.7	11.6	17.4#
70	0.0	9.0	13.6#

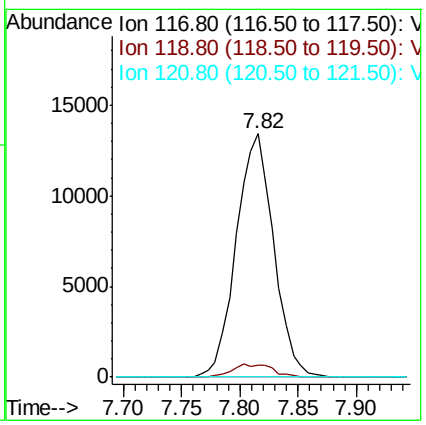


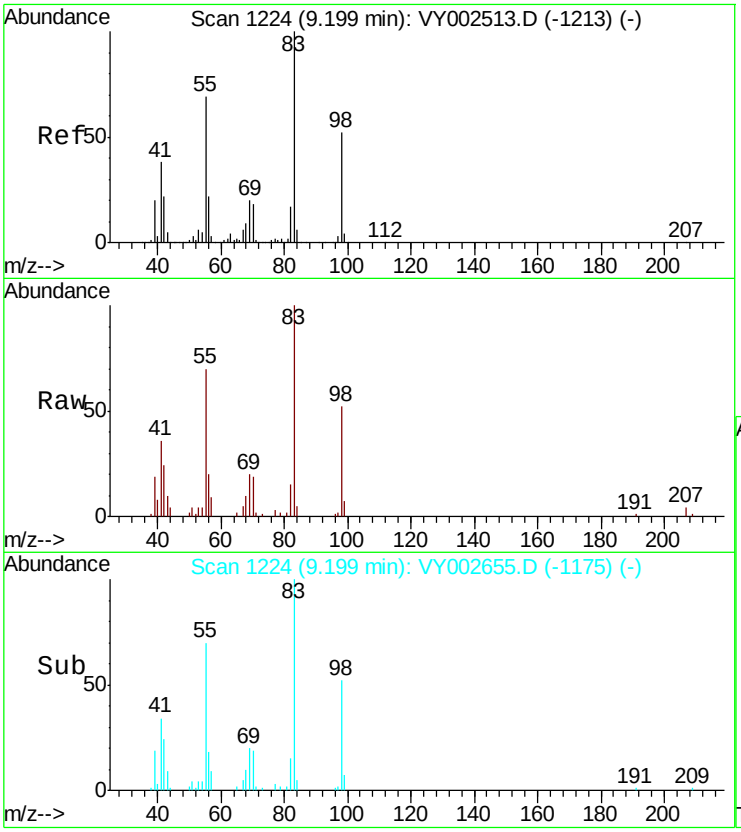


#38
Carbon Tetrachloride
Concen: 6.102 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.10 min
Lab File: VY002655.D
Acq: 11 May 2020 12:00

Tgt Ion:117 Resp: 30055

Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.1	115.7#
121	0.0	25.2	37.8#



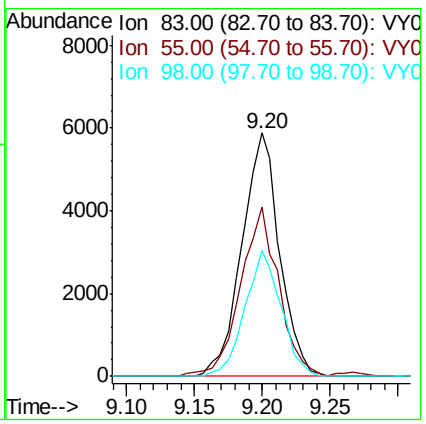


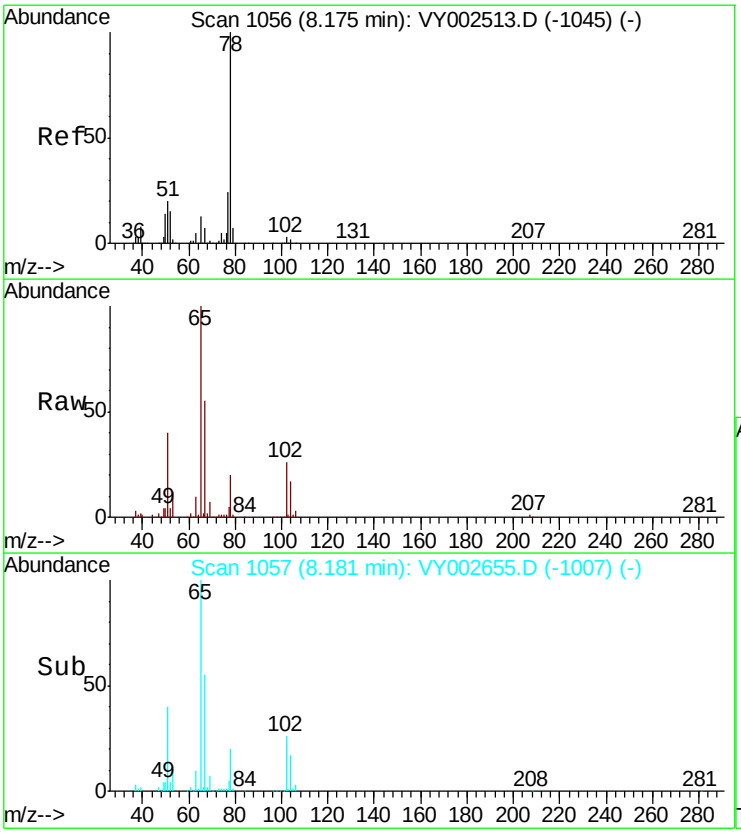
#39
Methylcyclohexane
Concen: 1.916 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY002655.D
Acq: 11 May 2020 12:00

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 11416

Ion	Ratio	Lower	Upper
83	100		
55	68.8	55.4	83.0
98	51.7	41.3	61.9

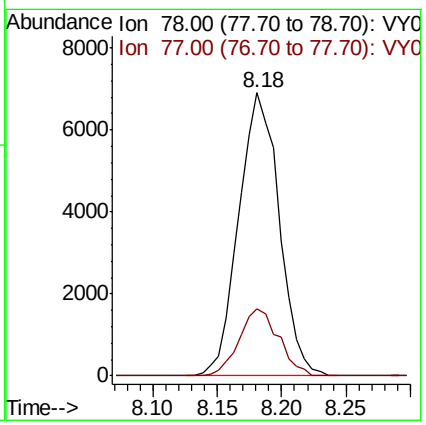


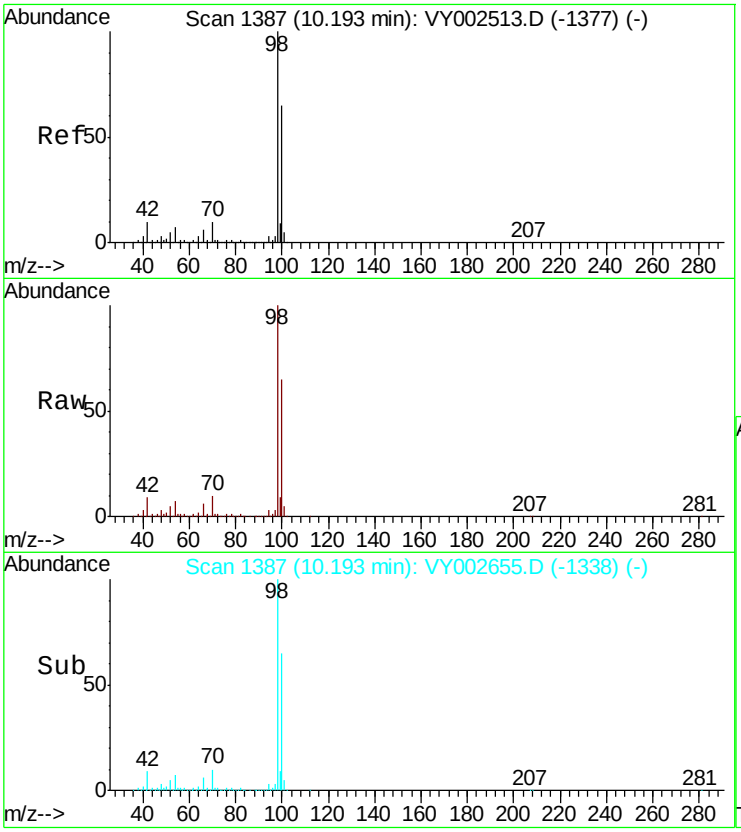


#40
Benzene
Concen: 1.151 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002655.D
Acq: 11 May 2020 12:00

Tgt Ion: 78 Resp: 15002

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.2	28.8



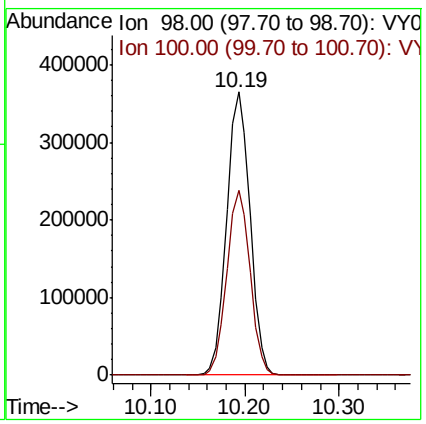


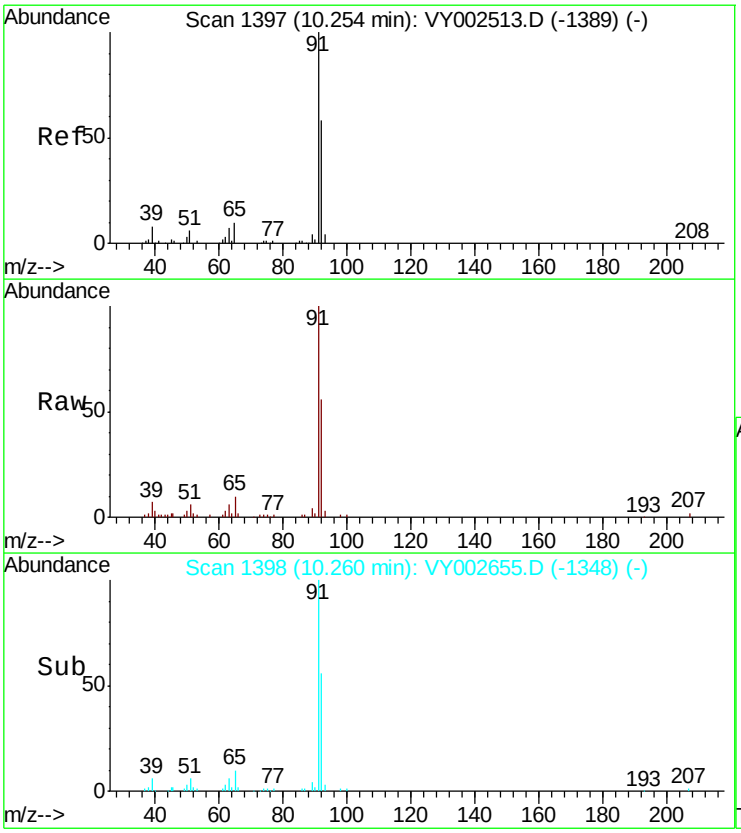
#50
Toluene-d8
Concen: 52.153 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VY002655.D
Acq: 11 May 2020 12:00

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 626871

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.2

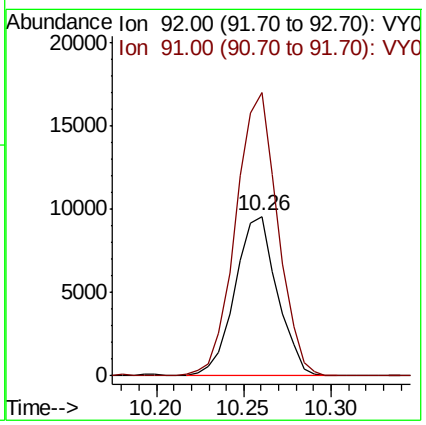


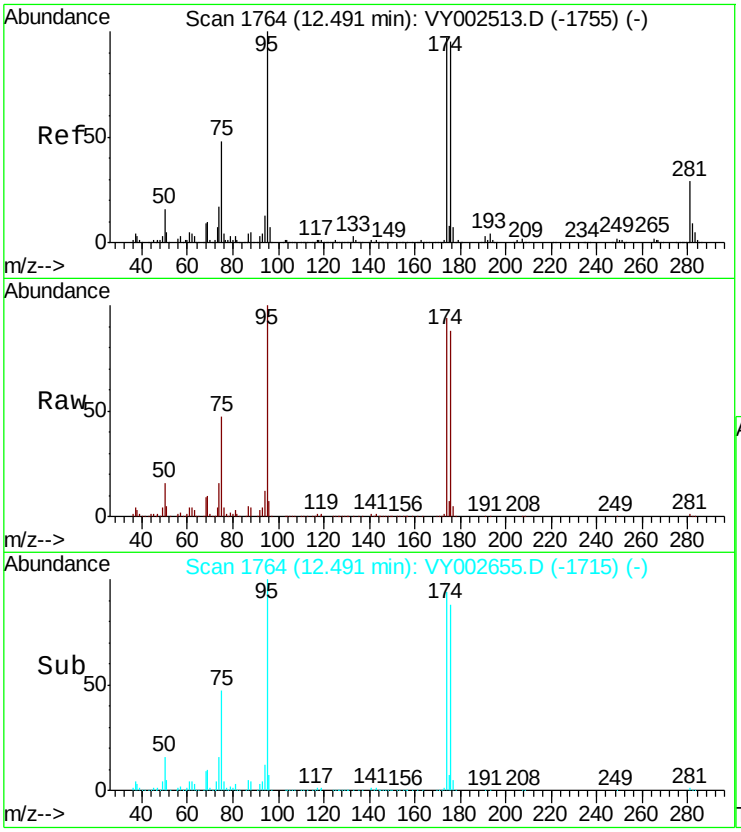


#52
Toluene
Concen: 1.916 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VY002655.D
Acq: 11 May 2020 12:00

Tgt Ion: 92 Resp: 16049

Ion	Ratio	Lower	Upper
92	100		
91	176.3	139.3	208.9



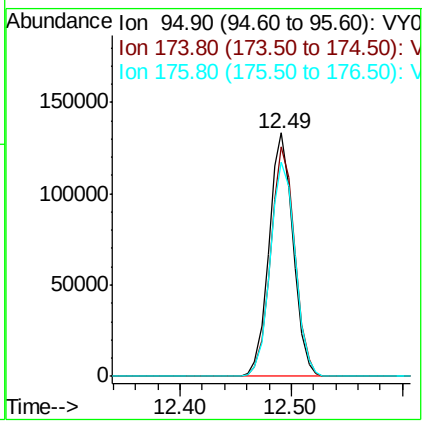


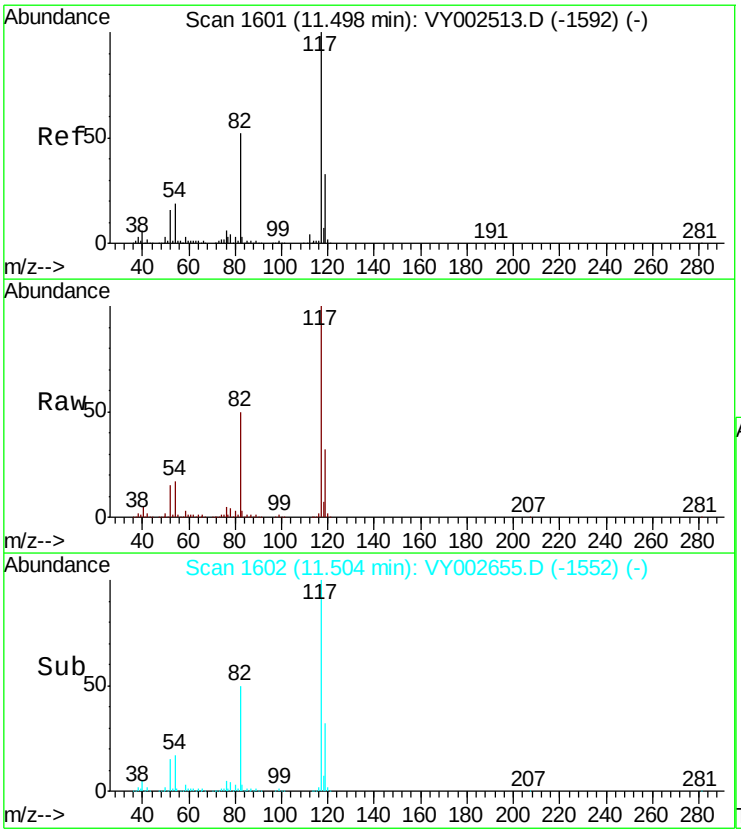
#62
4-Bromofluorobenzene
Concen: 49.122 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VY002655.D
Acq: 11 May 2020 12:00

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 200354

Ion	Ratio	Lower	Upper
95	100		
174	94.4	0.0	188.8
176	91.2	0.0	183.2

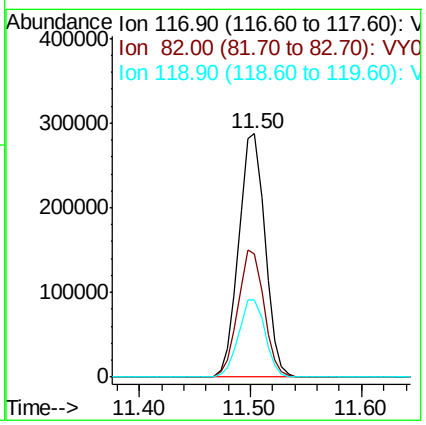


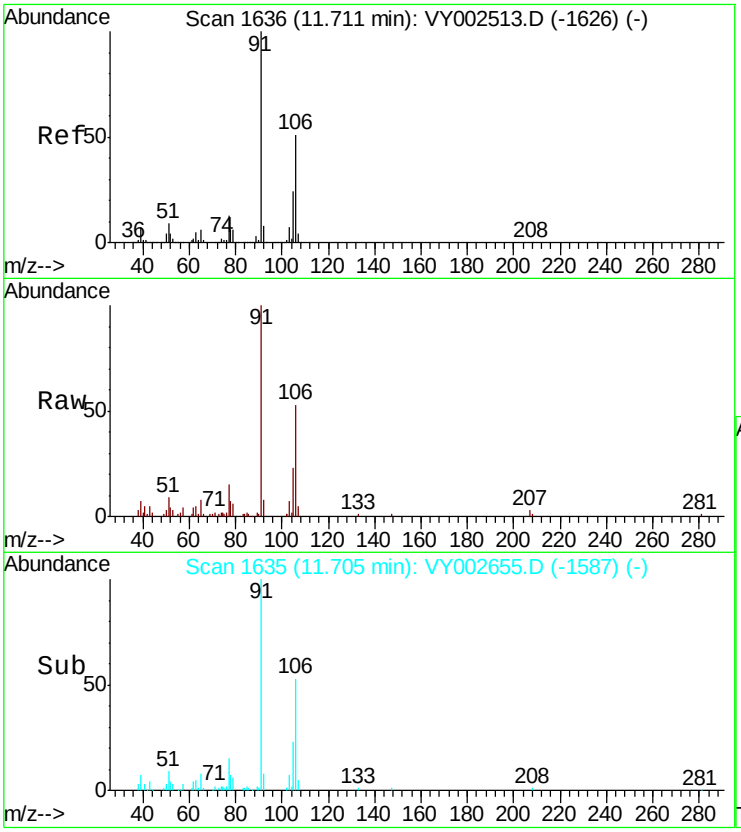


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002655.D
Acq: 11 May 2020 12:00

Tgt Ion:117 Resp: 472656

Ion	Ratio	Lower	Upper
117	100		
82	50.5	41.3	61.9
119	31.9	26.0	39.0



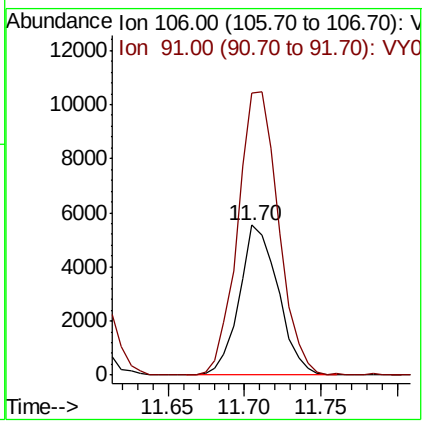


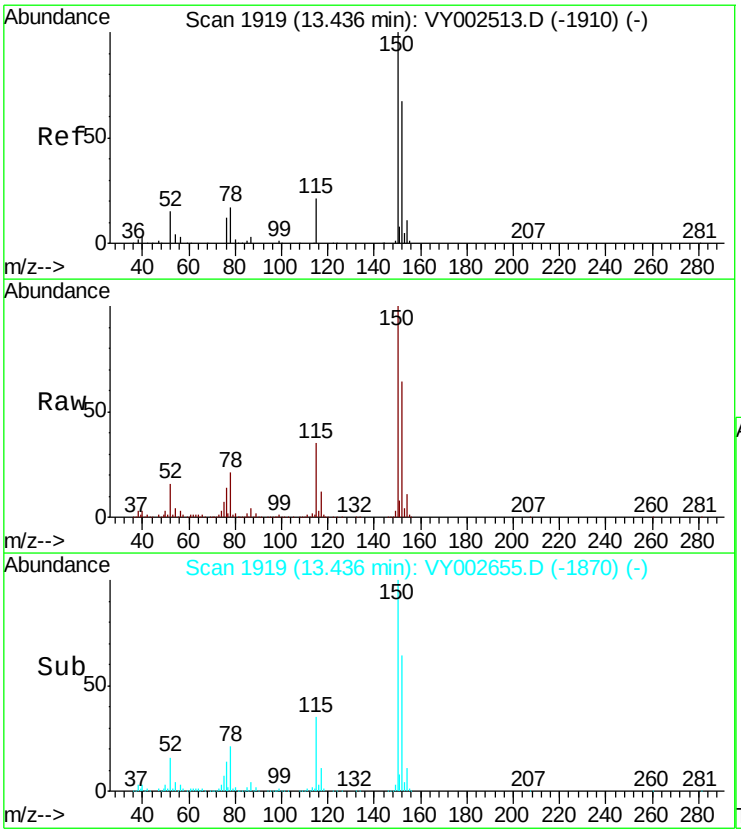
#68
m/p-Xylenes
Concen: 1.594 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002655.D
Acq: 11 May 2020 12:00

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:106 Resp: 9734

Ion	Ratio	Lower	Upper
106	100		
91	199.3	155.2	232.8

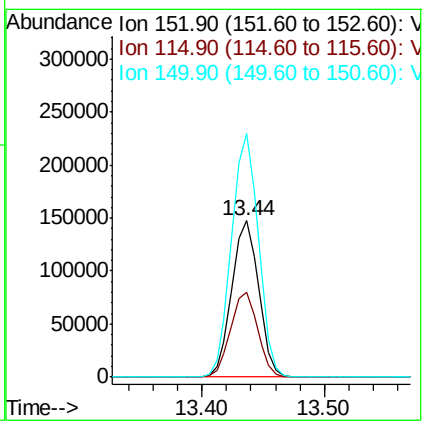


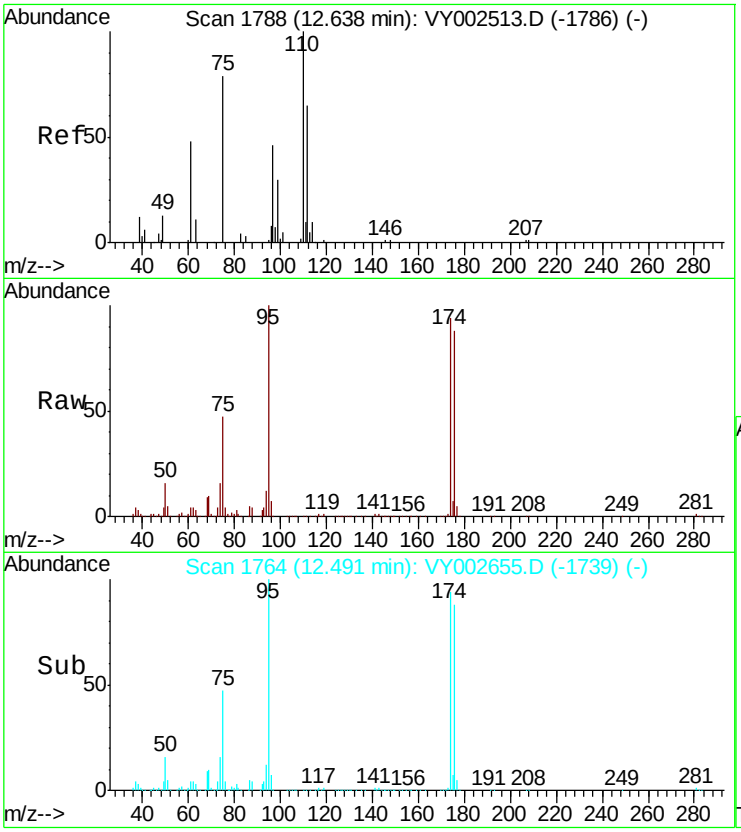


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002655.D
Acq: 11 May 2020 12:00

Tgt Ion:152 Resp: 224205

Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.5	82.4
150	155.9	0.0	346.4



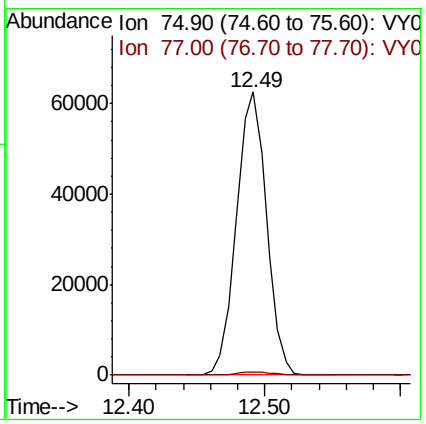


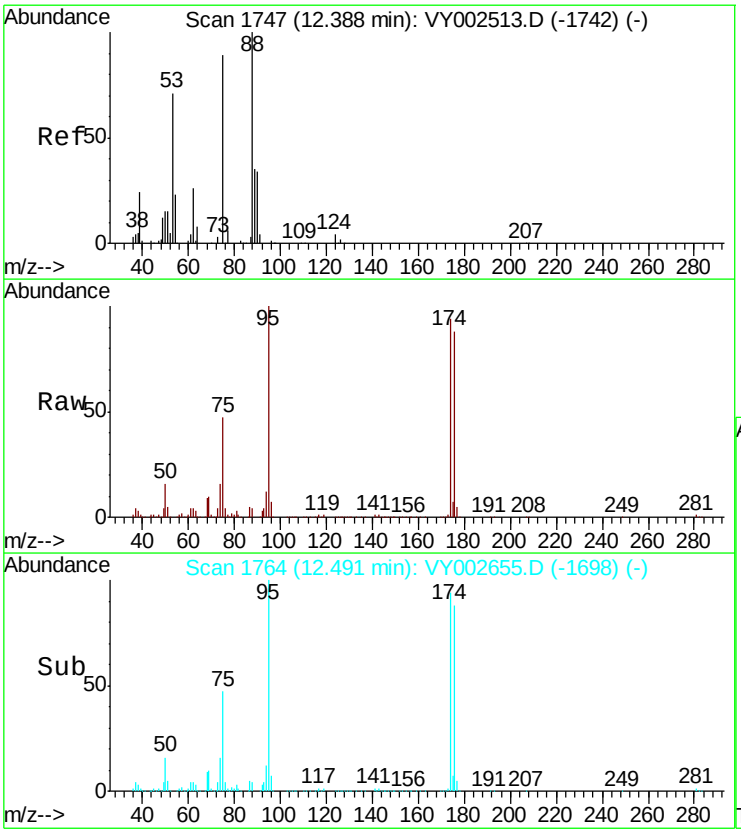
#76
1,2,3-Trichloropropane
Concen: 48.357 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.15 min
Lab File: VY002655.D
Acq: 11 May 2020 12:00

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 96349

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

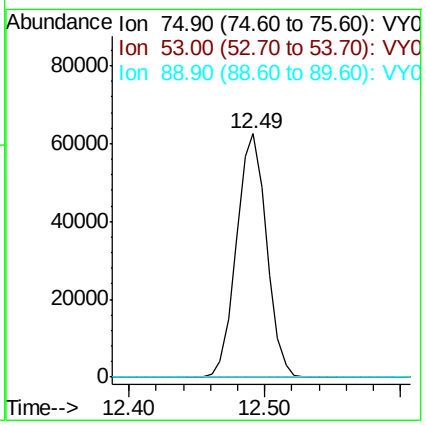


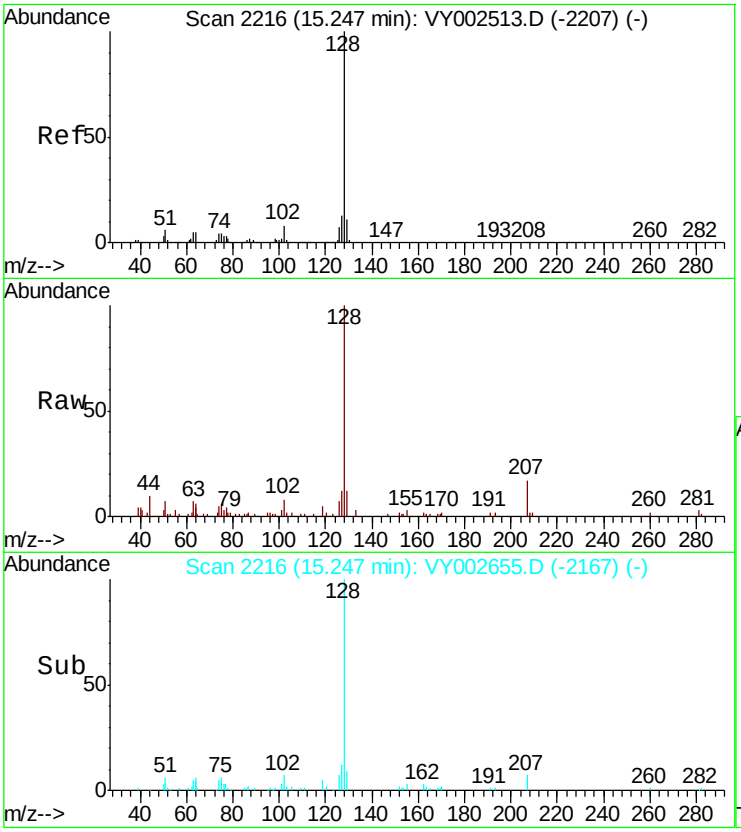


#81
trans-1,4-Dichloro-2-butene
Concen: 96.966 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.10 min
Lab File: VY002655.D
Acq: 11 May 2020 12:00

Tgt Ion: 75 Resp: 96349

Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.4	101.0#
89	0.0	37.4	56.0#



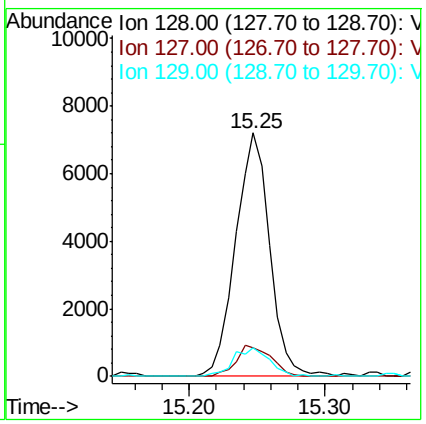


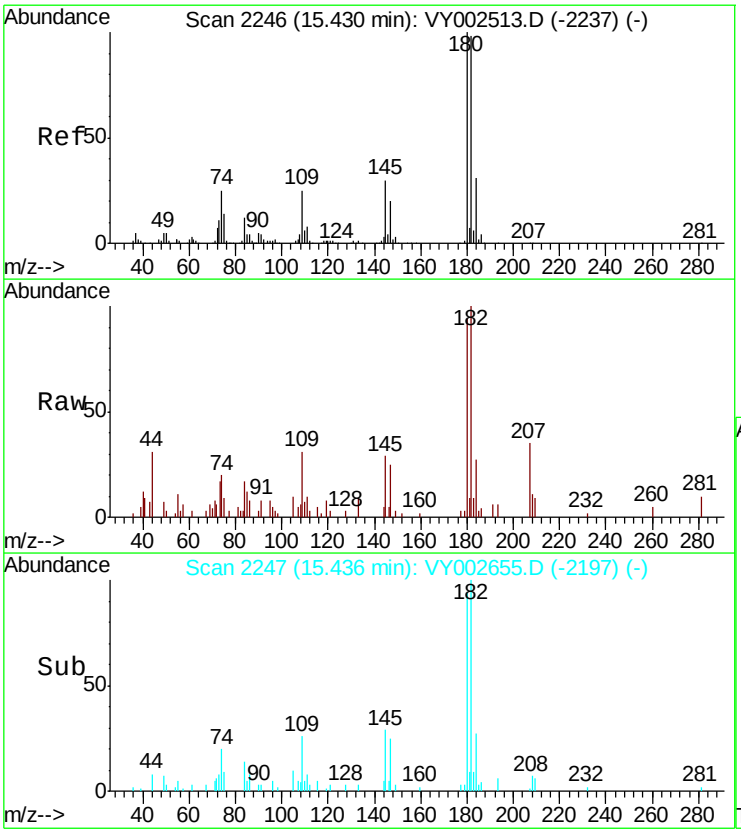
#95
Naphthalene
Concen: 1.549 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY002655.D
Acq: 11 May 2020 12:00

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 12577

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	12.4	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 1.220 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY002655.D
Acq: 11 May 2020 12:00

Tgt Ion:180 Resp: 4610

Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.9	143.8
145	45.8	15.0	45.1#