Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY041720\
Data File : VY002401.D
Acq On : 17 Apr 2020 15:57
Operator : SY/MD
Sample : L2271-08
Misc : 3.53G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Apr 18 04:38:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	108454	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	212996	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	188083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	74786	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	56725	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.06%			
35) Dibromofluoromethane	7.74	113	62999	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.42%			
50) Toluene-d8	10.19	98	250290	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.36%			
62) 4-Bromofluorobenzene	12.49	95	77398	44.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.44%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.97	59	793	Below Cal	#	77
16) Acetone	3.97	43	812	2.556	ug/l #	39
25) 2-Butanone	7.00	43	944	1.878	ug/l #	71
36) 1,1-Dichloropropene	7.80	75	8413	4.010	ug/l #	50
38) Carbon Tetrachloride	7.81	117	10768	6.000	ug/l #	16
49) 1,4-Dioxane	9.30	88	95	8.133	ug/l #	23
67) Ethyl Benzene	11.60	91	8454	1.181	ug/l	92
68) m/p-Xylenes	11.70	106	19866	7.411	ug/l	94
69) o-Xylene	12.03	106	9481	3.767	ug/l	94
76) 1,2,3-Trichloropropane	12.49	75	36041	41.501	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	36041	80.720	ug/l #	19

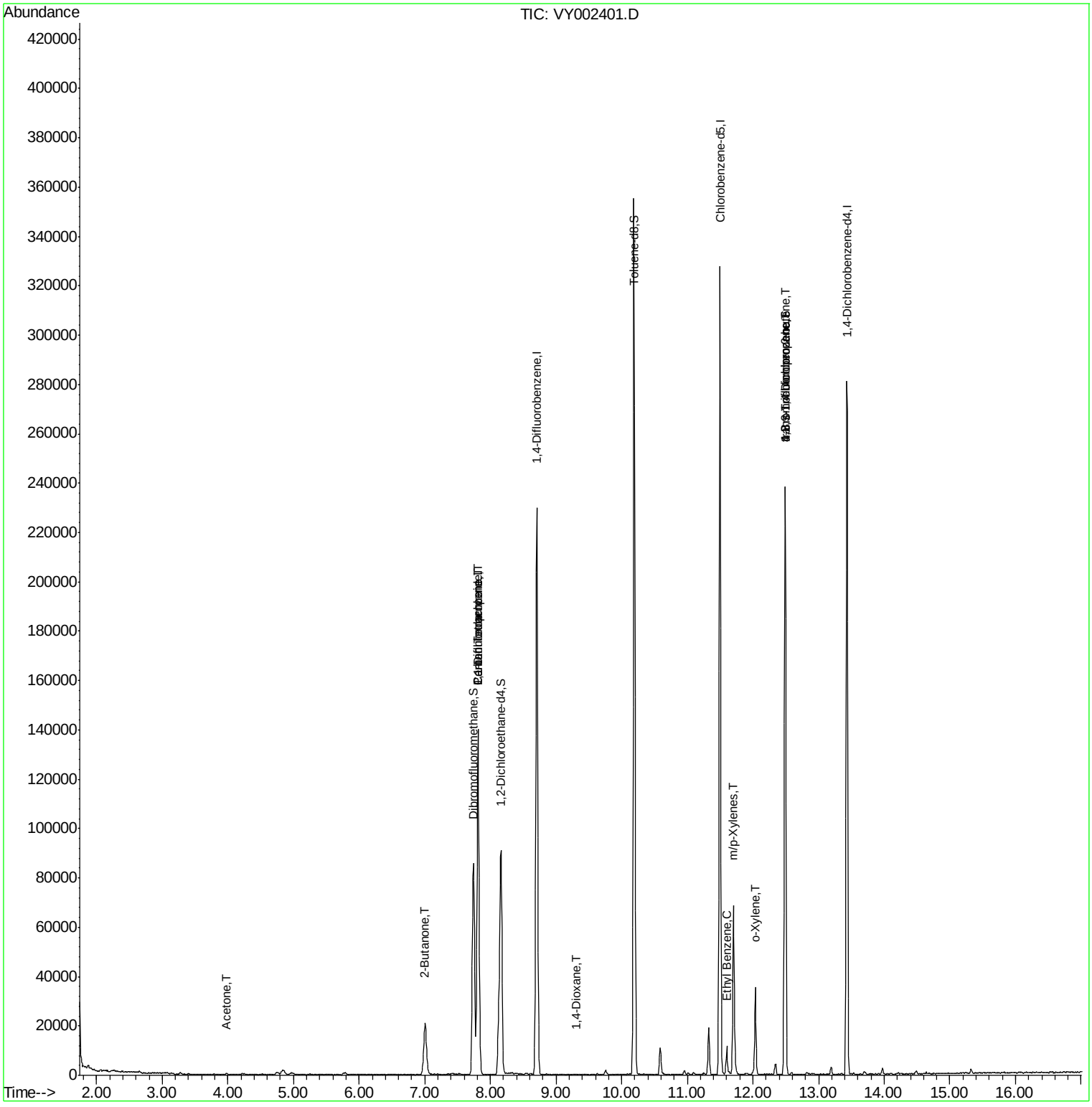
(#) = qualifier out of range (m) = manual integration (+) = signals summed

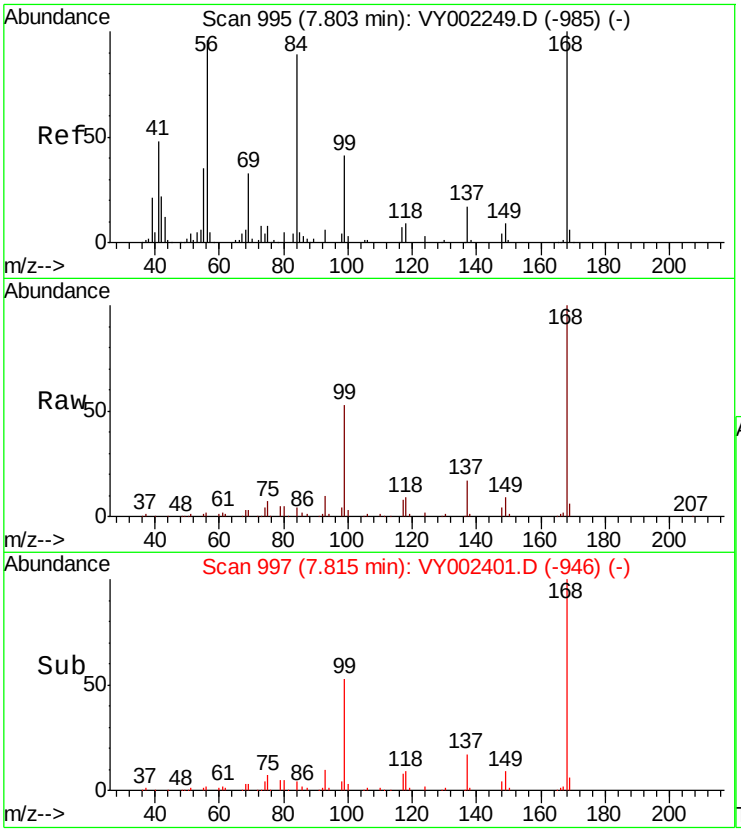
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY041720\
Data File : VY002401.D
Acq On : 17 Apr 2020 15:57
Operator : SY/MD
Sample : L2271-08
Misc : 3.53G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 18 04:38:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration



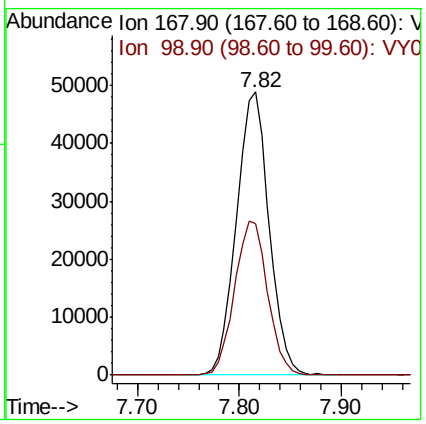


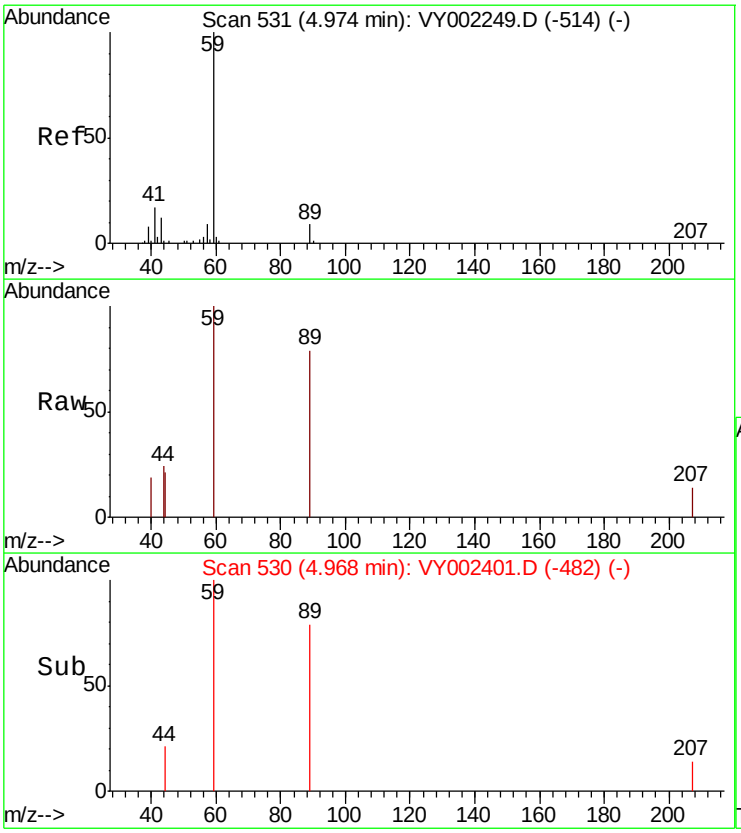
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY002401.D
Acq: 17 Apr 2020 15:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 108454

Ion	Ratio	Lower	Upper
168	100		
99	53.3	48.0	72.0

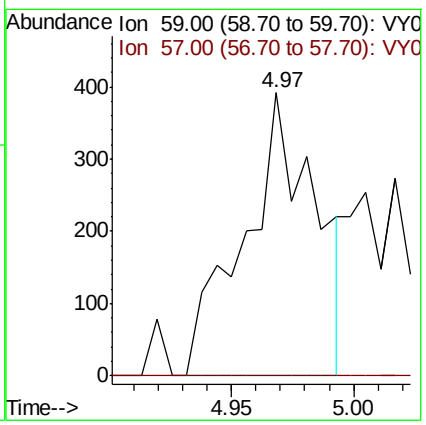


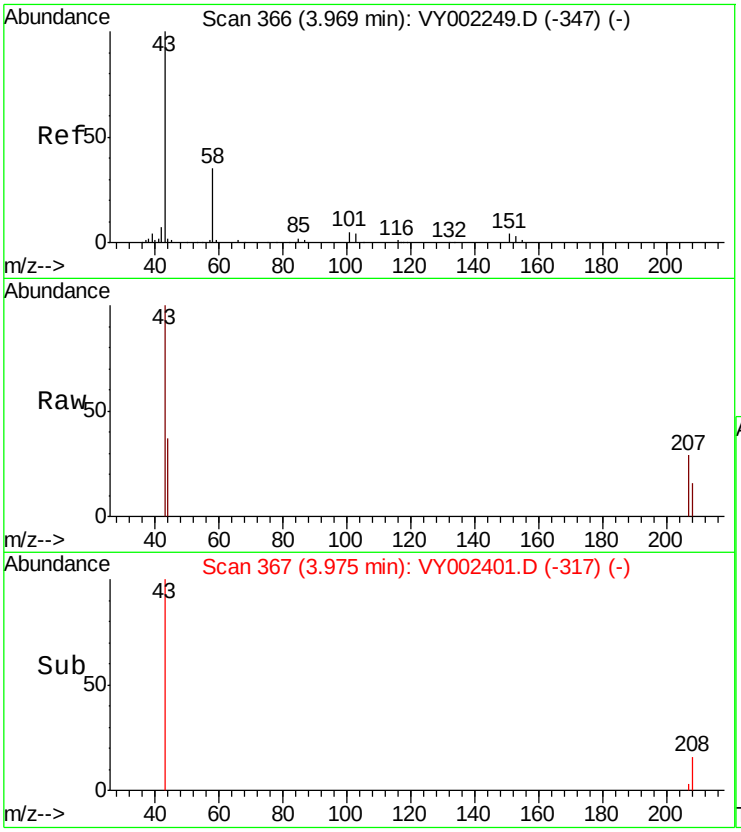


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.97 min Scan# 530
Delta R.T. -0.01 min
Lab File: VY002401.D
Acq: 17 Apr 2020 15:57

Tgt Ion: 59 Resp: 793

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.6	9.8#



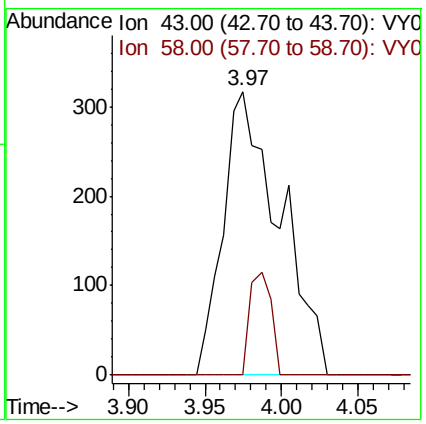


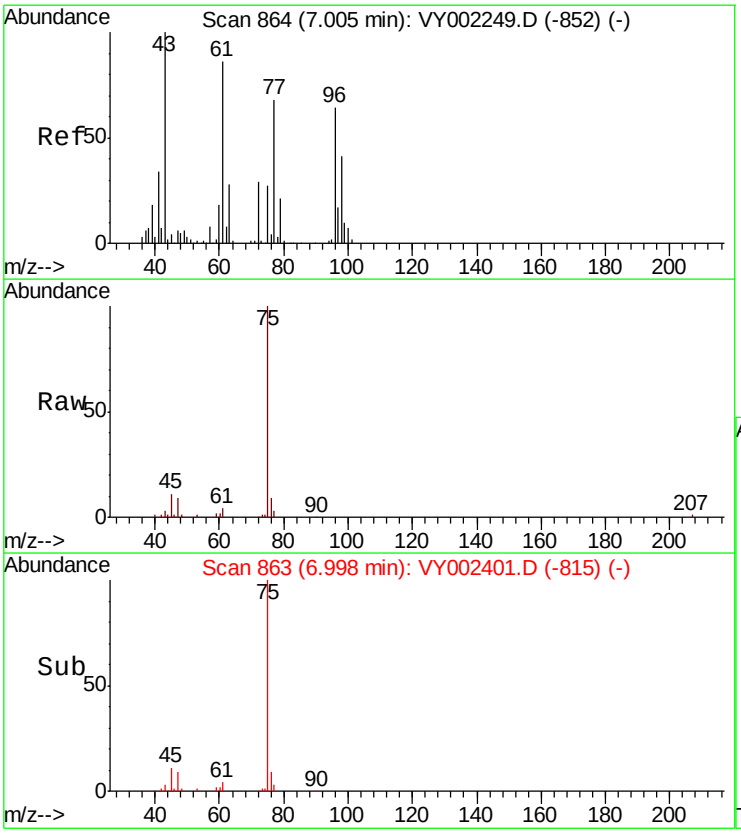
#16
Acetone
Concen: 2.556 ug/l
RT: 3.97 min Scan# 367
Delta R.T. 0.01 min
Lab File: VY002401.D
Acq: 17 Apr 2020 15:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 812

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.5	42.7#

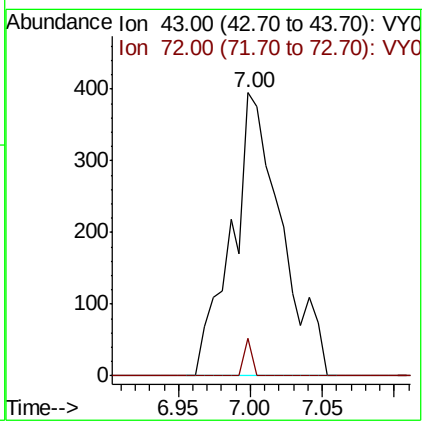


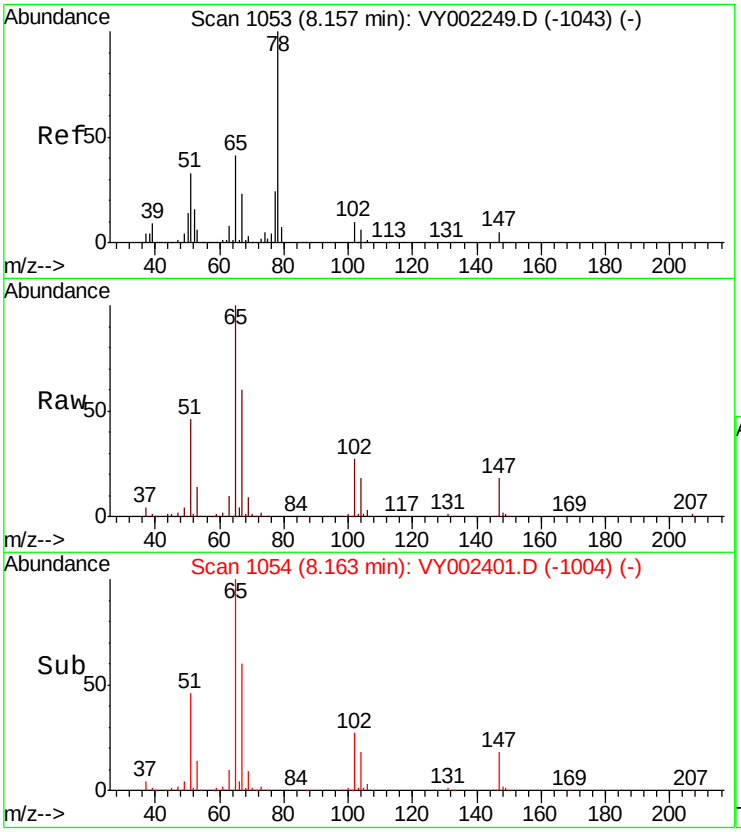


#25
2-Butanone
Concen: 1.878 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002401.D
Acq: 17 Apr 2020 15:57

Tgt Ion: 43 Resp: 944

Ion	Ratio	Lower	Upper
43	100		
72	13.4	23.2	34.8#



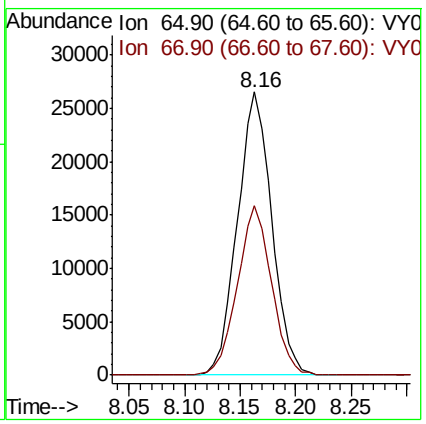


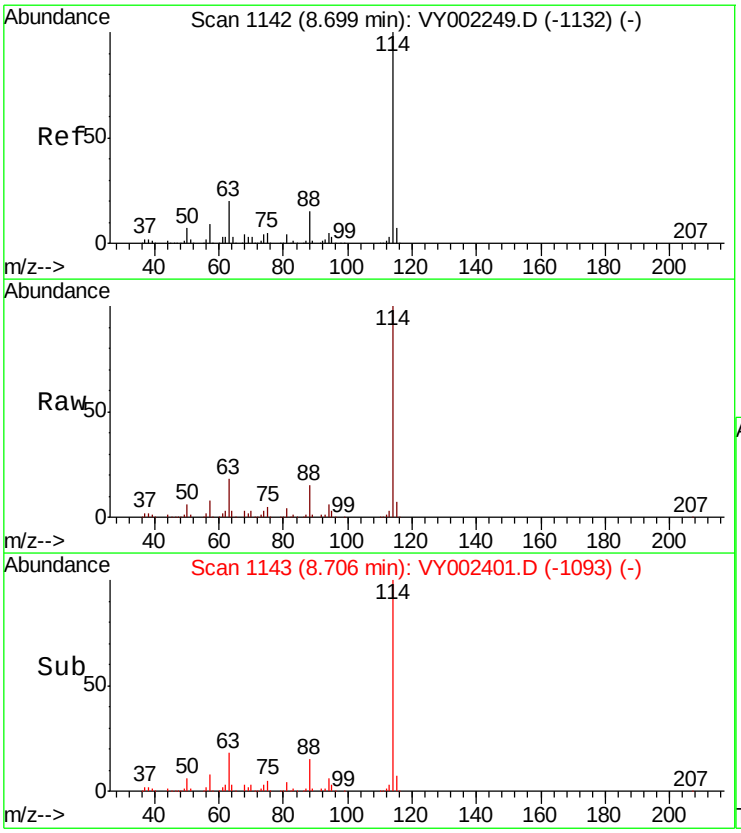
#33
1,2-Dichloroethane-d4
Concen: 47.032 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VY002401.D
Acq: 17 Apr 2020 15:57

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 56725

Ion	Ratio	Lower	Upper
65	100		
67	59.6	0.0	114.0

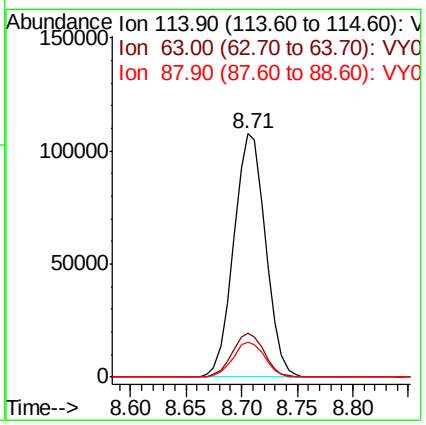


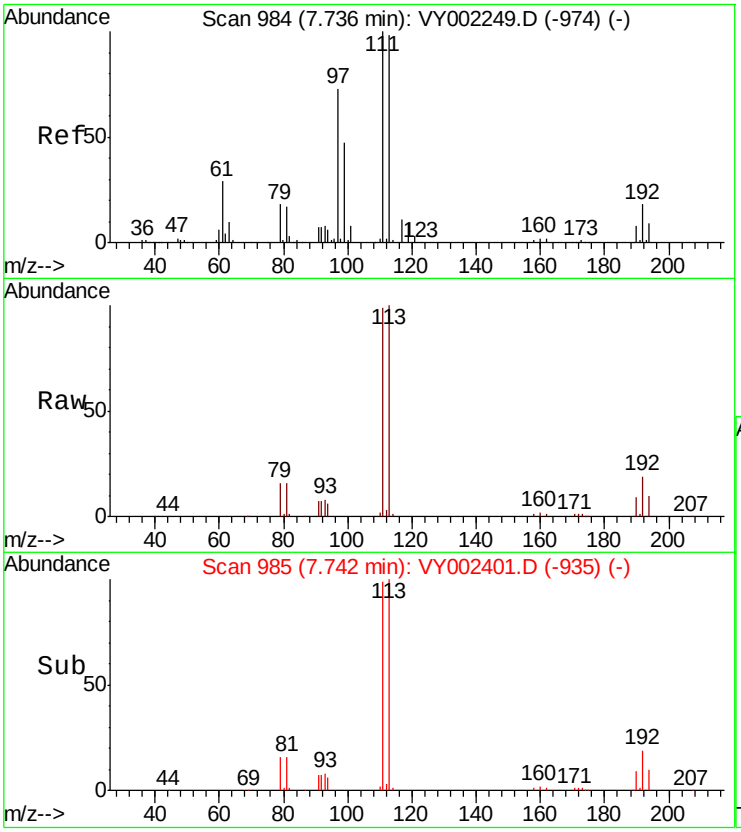


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1143
Delta R.T. 0.01 min
Lab File: VY002401.D
Acq: 17 Apr 2020 15:57

Tgt Ion:114 Resp: 212996

Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	39.0
88	14.5	0.0	31.0



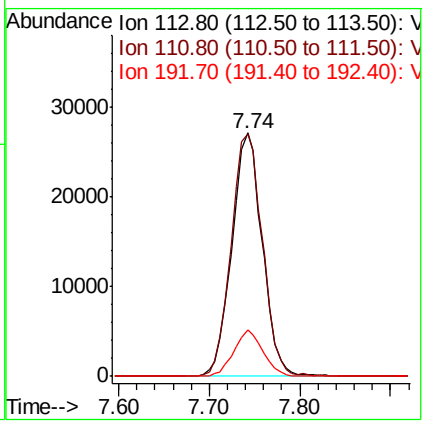


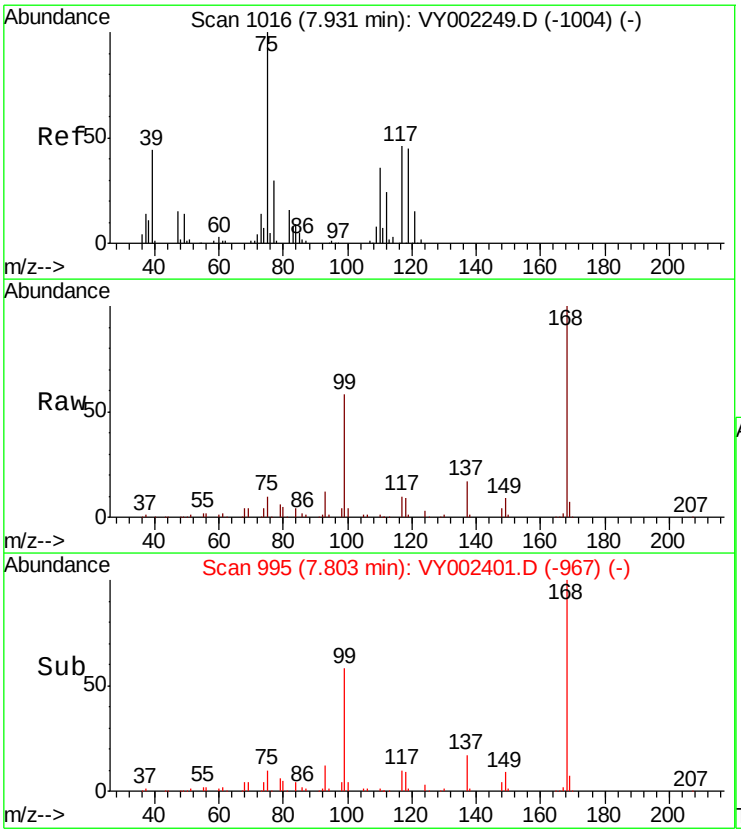
#35
Dibromofluoromethane
Concen: 49.707 ug/l
RT: 7.74 min Scan# 985
Delta R.T. 0.01 min
Lab File: VY002401.D
Acq: 17 Apr 2020 15:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 62999

Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.5	125.3
192	18.1	14.7	22.1

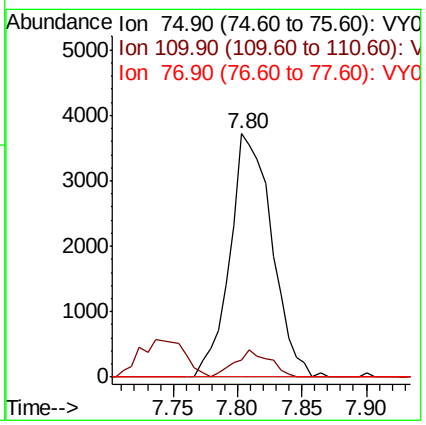


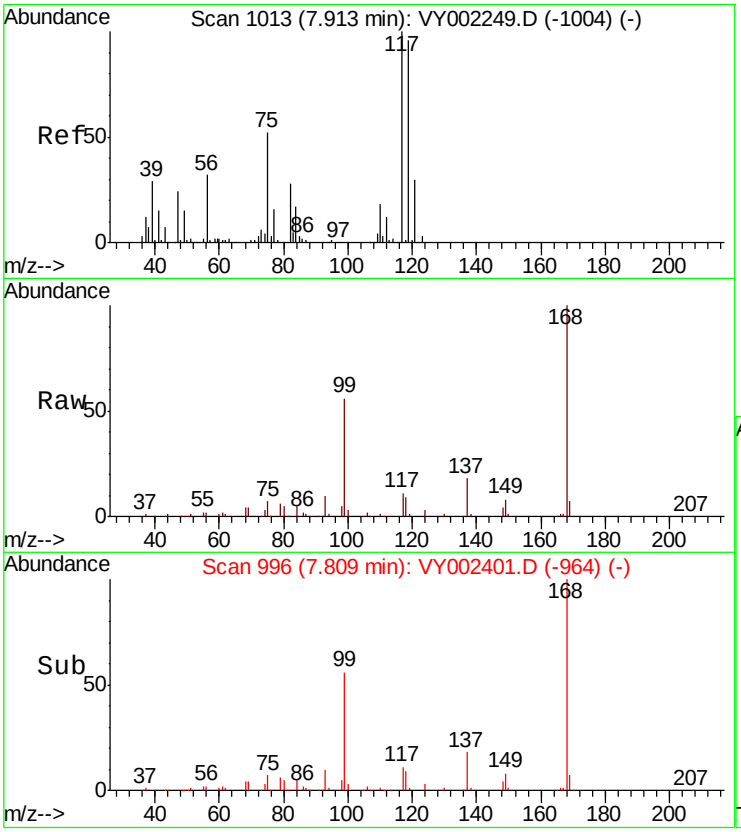


#36
1,1-Dichloropropene
Concen: 4.010 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.13 min
Lab File: VY002401.D
Acq: 17 Apr 2020 15:57

Tgt Ion: 75 Resp: 8413

Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.8	53.3#
77	0.0	24.4	36.6#



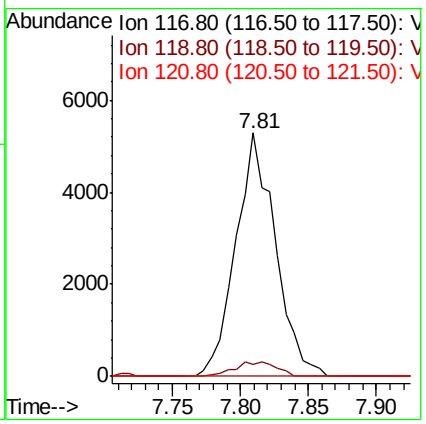


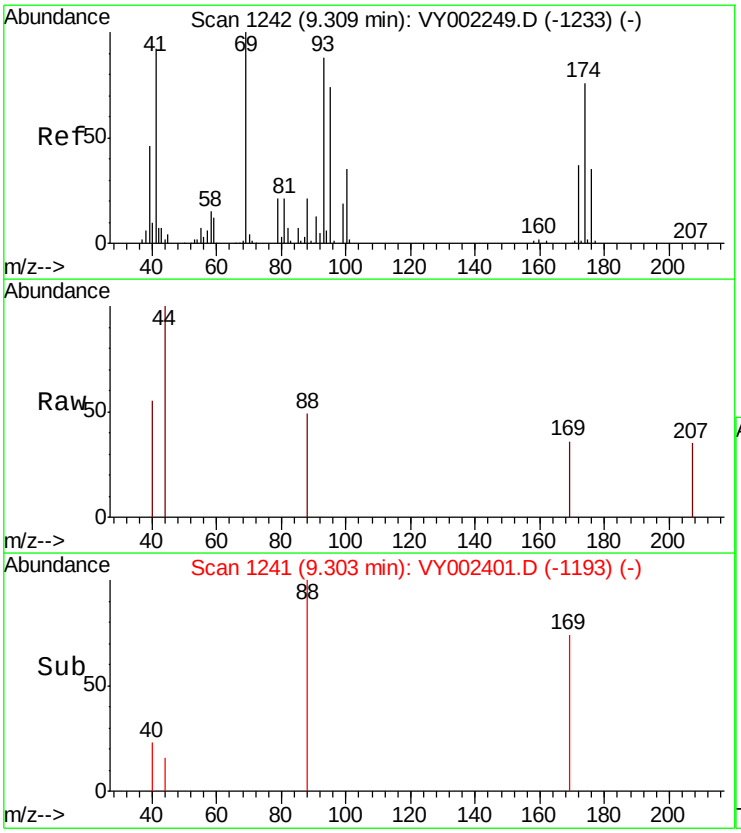
#38
Carbon Tetrachloride
Concen: 6.000 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.10 min
Lab File: VY002401.D
Acq: 17 Apr 2020 15:57

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 10768

Ion	Ratio	Lower	Upper
117	100		
119	5.1	77.1	115.7#
121	0.0	23.9	35.9#

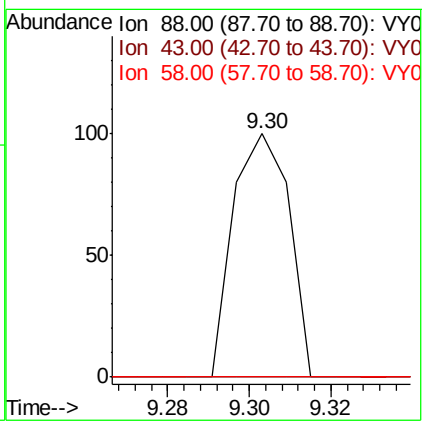


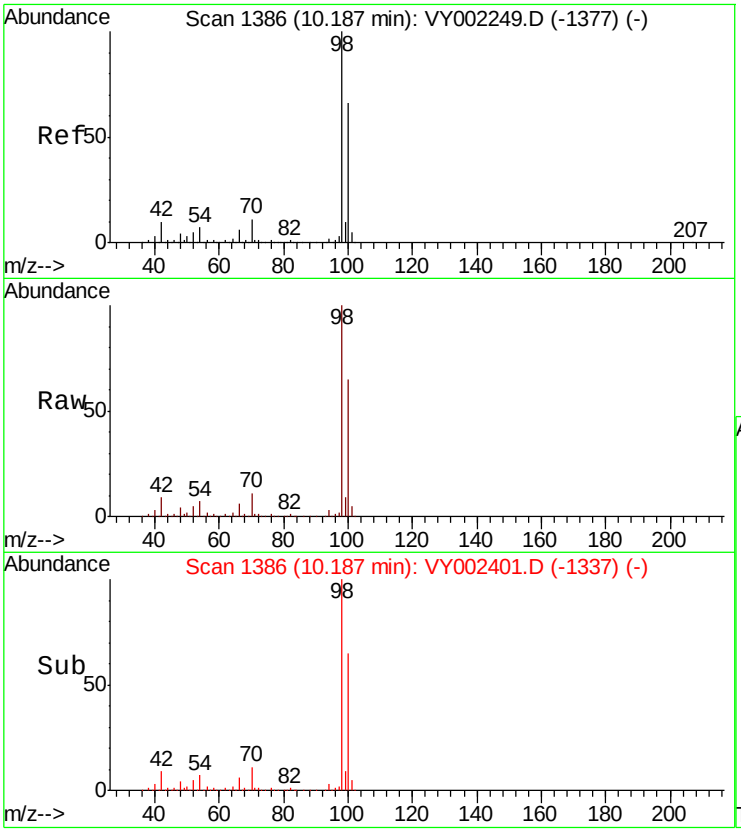


#49
1,4-Dioxane
Concen: 8.133 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002401.D
Acq: 17 Apr 2020 15:57

Tgt Ion: 88 Resp: 95

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.2	33.2#
58	0.0	57.6	86.4#



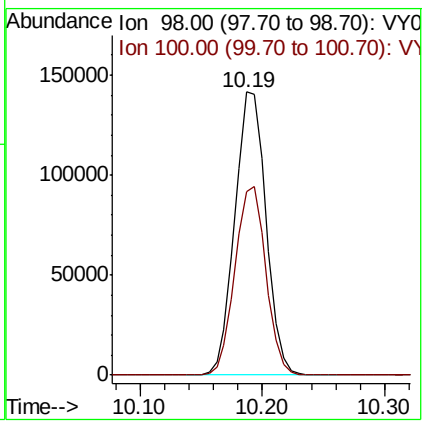


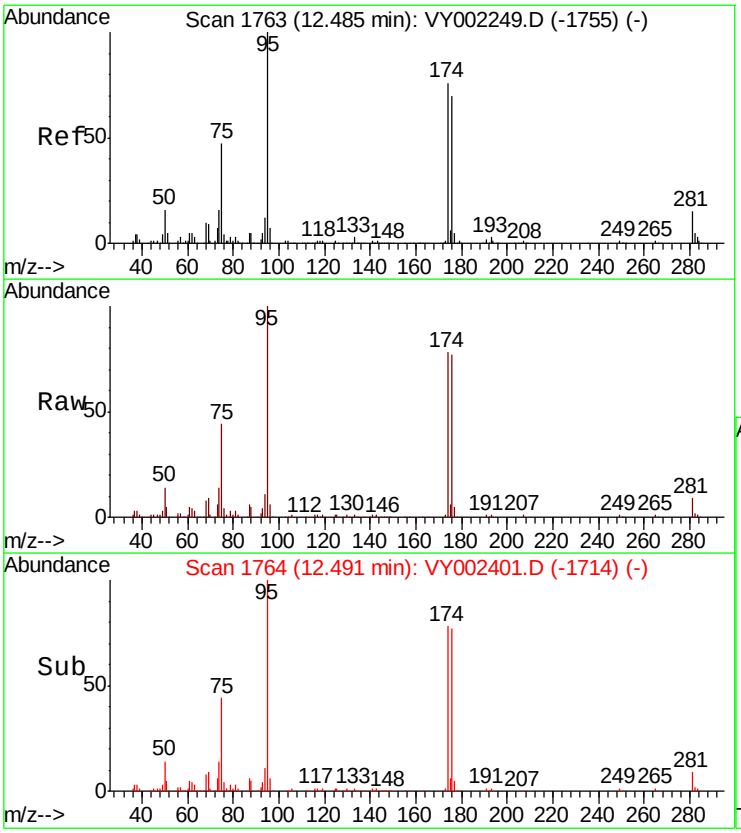
#50
Toluene-d8
Concen: 47.182 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002401.D
Acq: 17 Apr 2020 15:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 250290

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.6	78.8

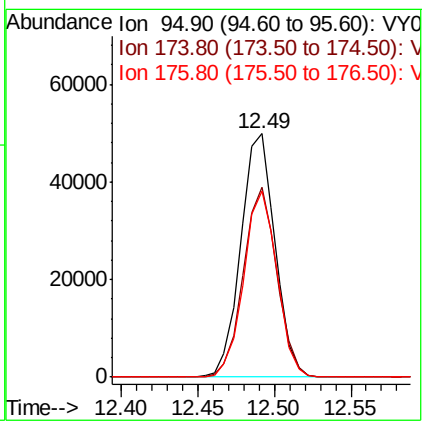


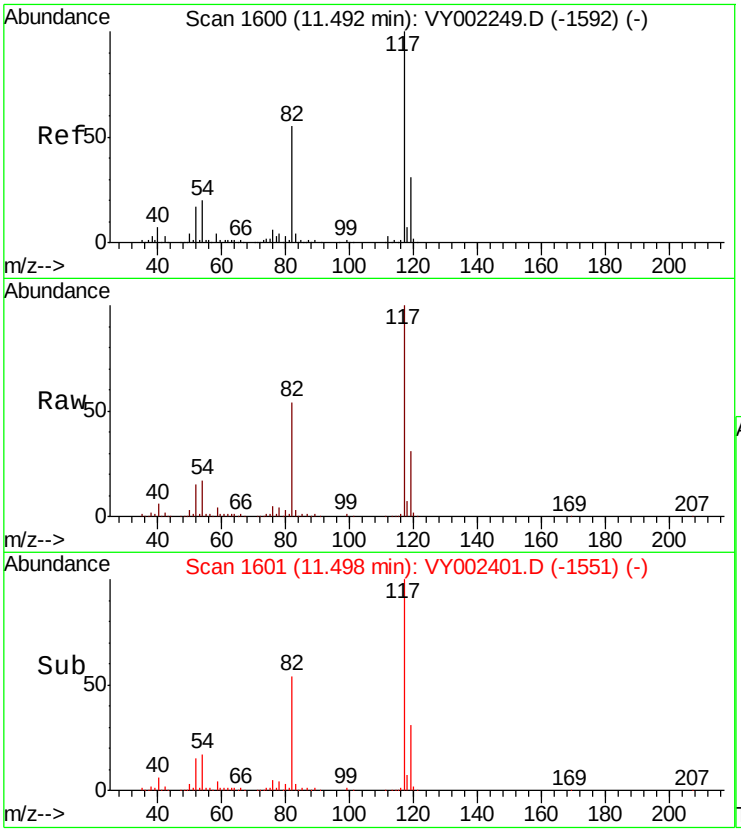


#62
4-Bromofluorobenzene
Concen: 44.224 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002401.D
Acq: 17 Apr 2020 15:57

Tgt Ion: 95 Resp: 77398

Ion	Ratio	Lower	Upper
95	100		
174	76.5	0.0	150.6
176	74.7	0.0	141.4



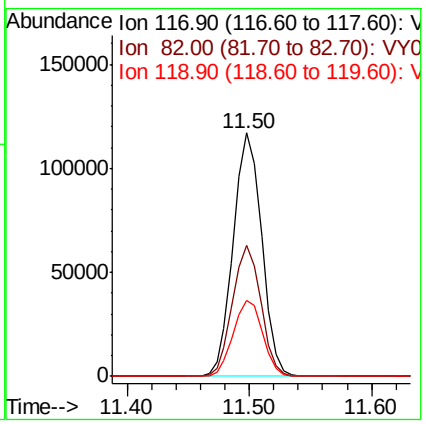


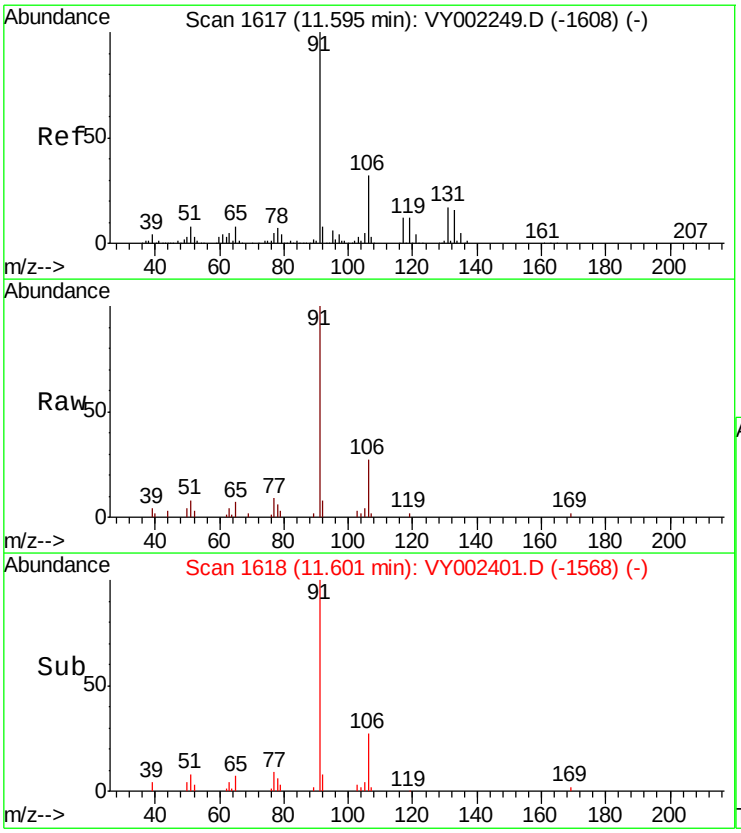
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002401.D
Acq: 17 Apr 2020 15:57

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 188083

Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.2	66.4
119	31.4	25.1	37.7

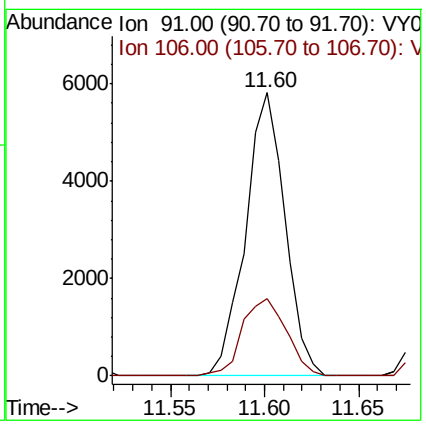


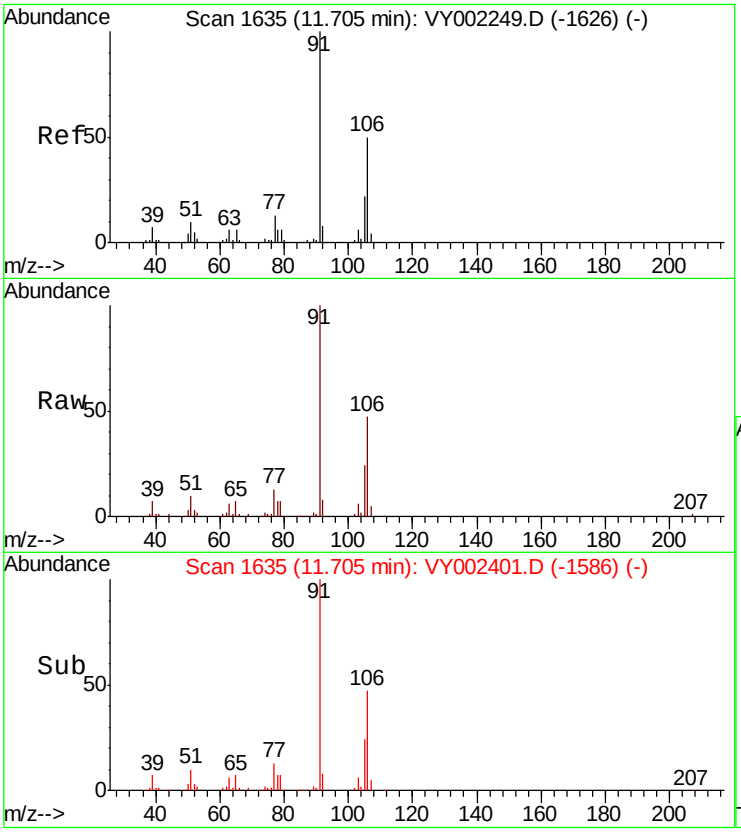


#67
Ethyl Benzene
Concen: 1.181 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY002401.D
Acq: 17 Apr 2020 15:57

Tgt Ion: 91 Resp: 8454

Ion	Ratio	Lower	Upper
91	100		
106	27.2	25.4	38.0



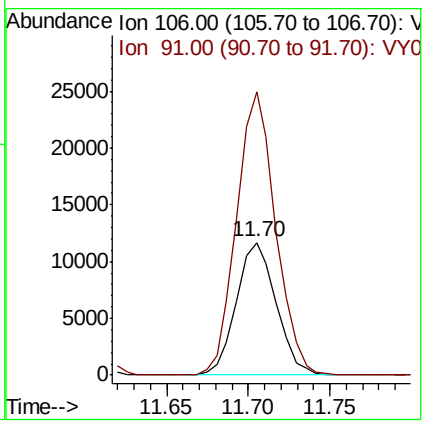


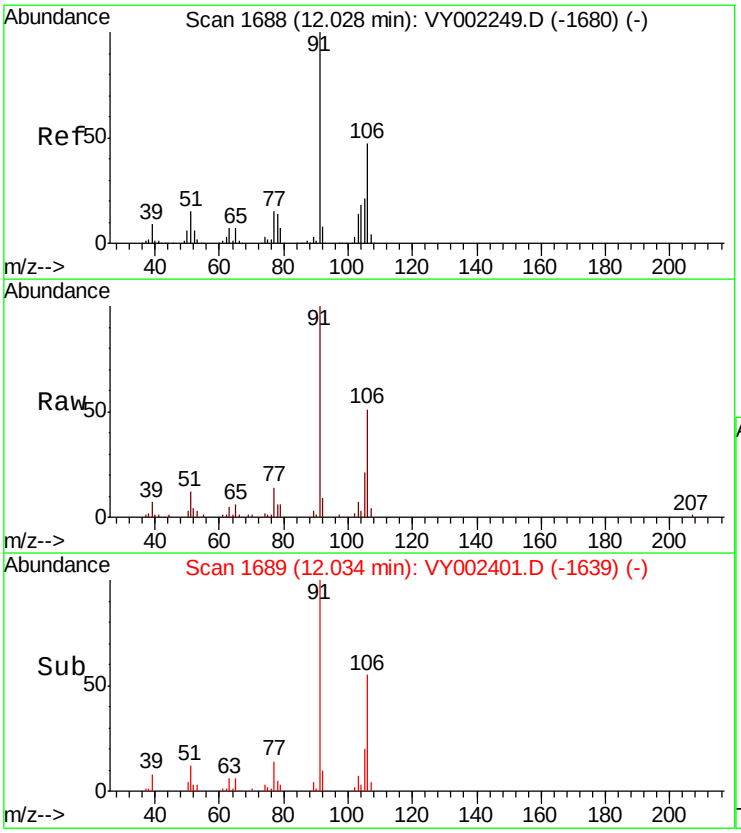
#68
m/p-Xylenes
Concen: 7.411 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY002401.D
Acq: 17 Apr 2020 15:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:106 Resp: 19866

Ion	Ratio	Lower	Upper
106	100		
91	209.5	159.8	239.6

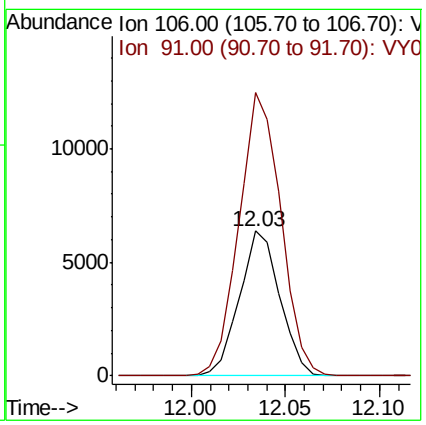


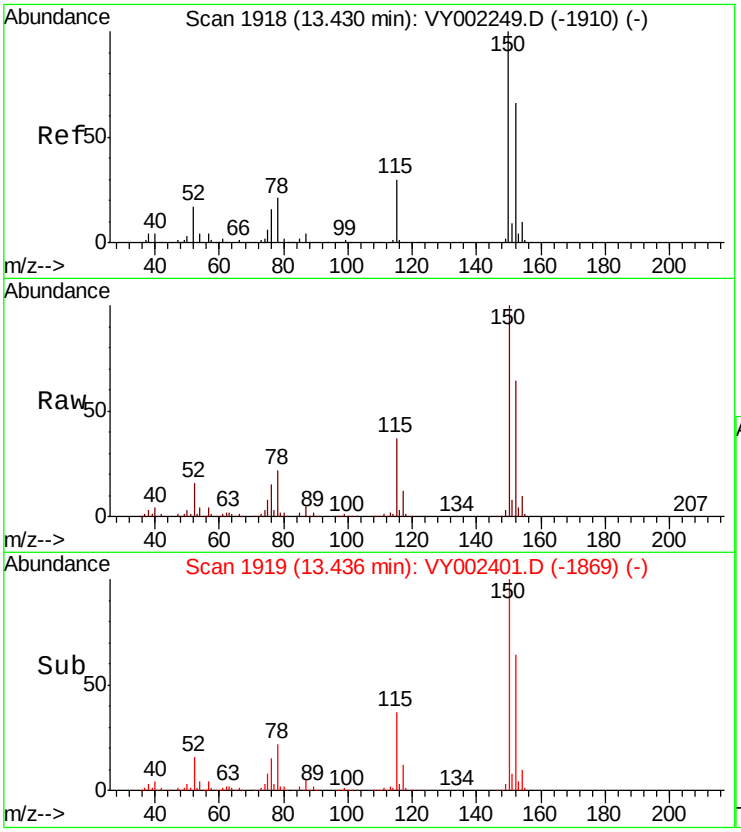


#69
o-Xylene
Concen: 3.767 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY002401.D
Acq: 17 Apr 2020 15:57

Tgt Ion:106 Resp: 9481

Ion	Ratio	Lower	Upper
106	100		
91	202.7	105.8	317.3



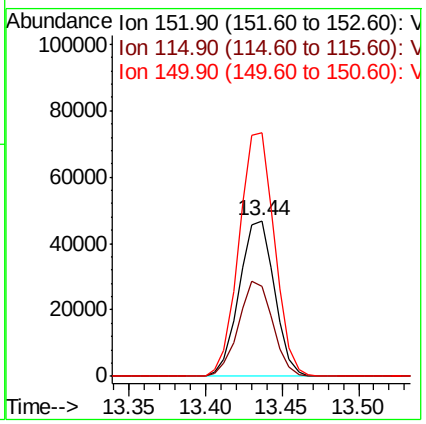


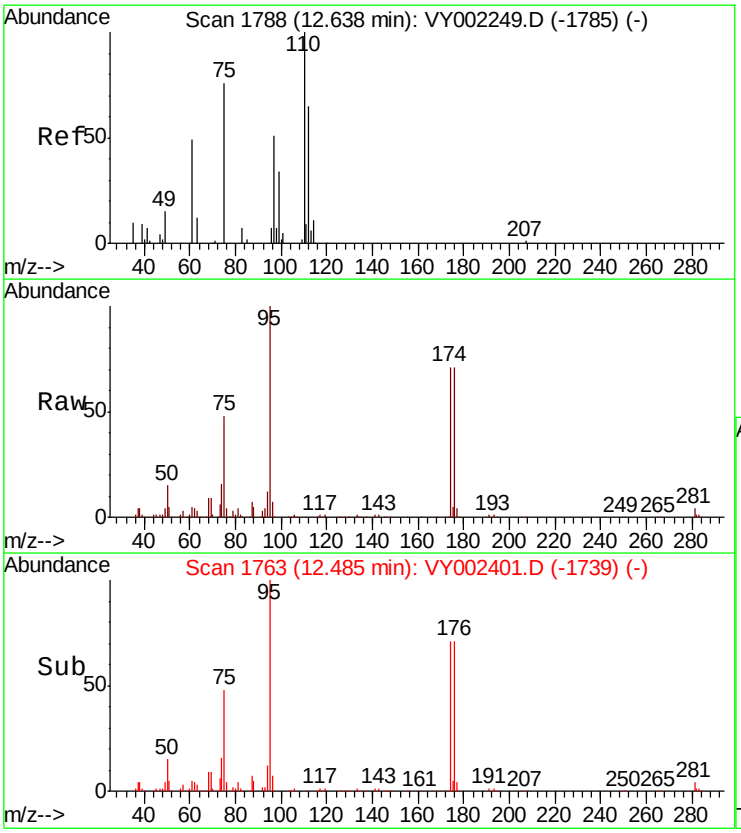
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002401.D
Acq: 17 Apr 2020 15:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 74786

Ion	Ratio	Lower	Upper
152	100		
115	59.6	30.7	92.1
150	157.7	0.0	350.6

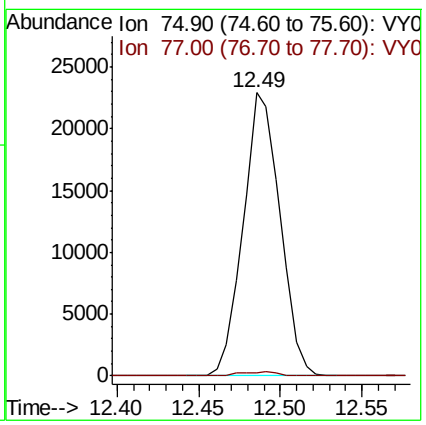


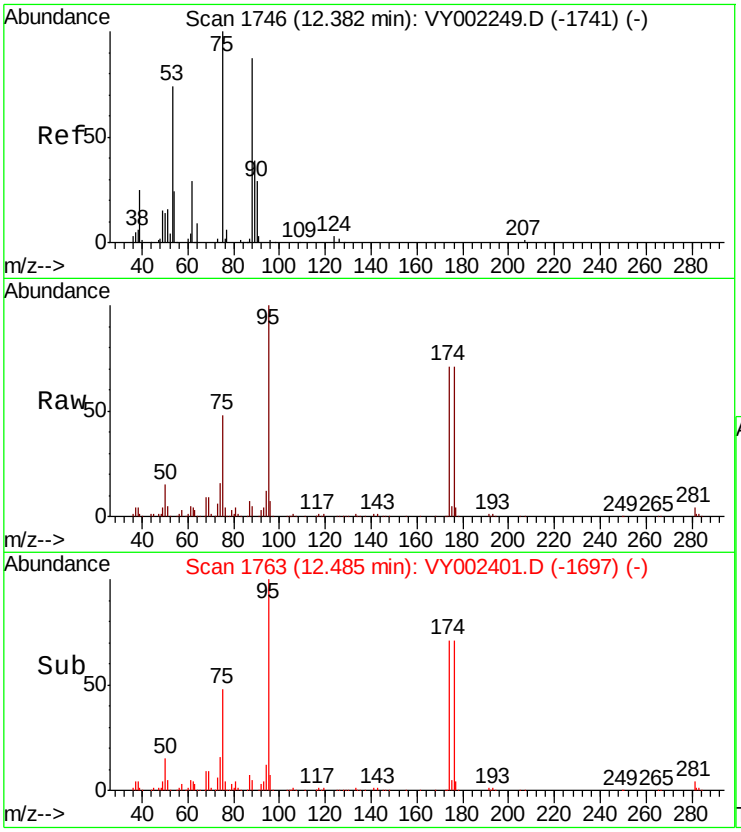


#76
1,2,3-Trichloropropane
Concen: 41.501 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.15 min
Lab File: VY002401.D
Acq: 17 Apr 2020 15:57

Tgt Ion: 75 Resp: 36041

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 80.720 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.10 min
Lab File: VY002401.D
Acq: 17 Apr 2020 15:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 36041

Ion	Ratio	Lower	Upper
75	100		
53	0.0	59.8	89.8#
89	0.1	37.0	55.6#