Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY041620\
Data File : VY002380.D
Acq On : 16 Apr 2020 20:06
Operator : SY/MD
Sample : L2271-07
Misc : 4.68G/5ML/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Apr 17 07:08:26 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	7.80	168	27765	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	51970	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	44810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	17142	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	13583	43.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.98%			
35) Dibromofluoromethane	7.74	113	14972	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.84%			
50) Toluene-d8	10.19	98	62149	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.04%			
62) 4-Bromofluorobenzene	12.49	95	18642	43.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.32%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.96	59	188	Below Cal	#	77
16) Acetone	3.96	43	155	1.906	ug/l #	39
20) Methylene Chloride	4.74	84	1074	2.687	ug/l	86
25) 2-Butanone	7.02	43	146	1.134	ug/l #	46
36) 1,1-Dichloropropene	7.80	75	2201	4.300	ug/l #	45
38) Carbon Tetrachloride	7.80	117	2664	6.084	ug/l #	21
68) m/p-Xylenes	11.71	106	3021	4.730	ug/l	97
69) o-Xylene	12.03	106	1249	2.083	ug/l	95
76) 1,2,3-Trichloropropane	12.49	75	8950	44.962	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	8950	87.451	ug/l #	19
95) Naphthalene	15.25	128	798	1.069	ug/l #	88

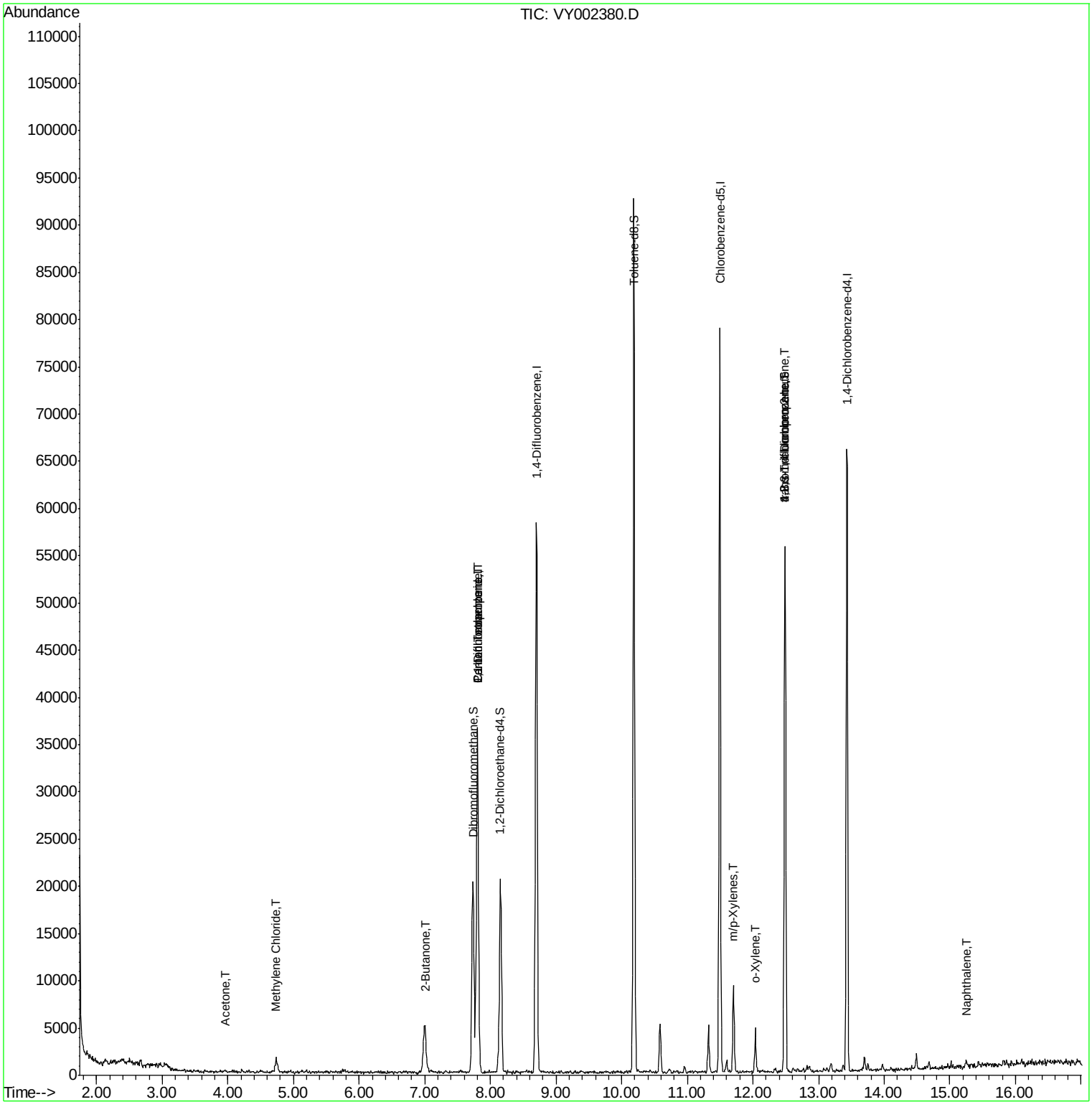
(#) = qualifier out of range (m) = manual integration (+) = signals summed

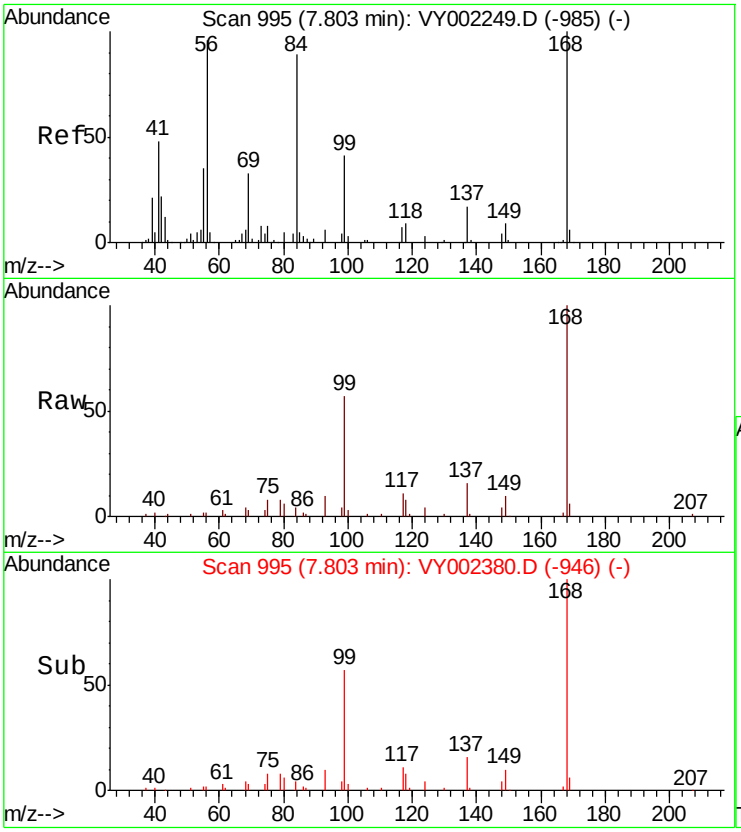
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY041620\
Data File : VY002380.D
Acq On : 16 Apr 2020 20:06
Operator : SY/MD
Sample : L2271-07
Misc : 4.68G/5ML/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 17 07:08:26 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



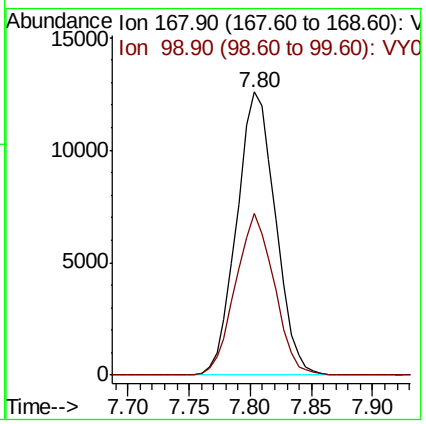


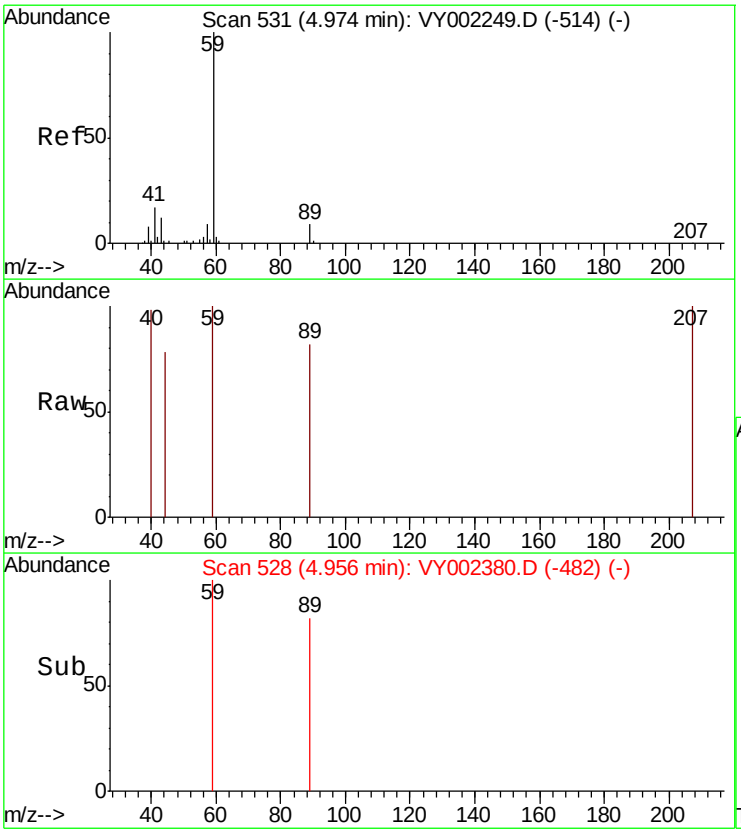
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY002380.D
Acq: 16 Apr 2020 20:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 27765

Ion	Ratio	Lower	Upper
168	100		
99	57.3	48.0	72.0

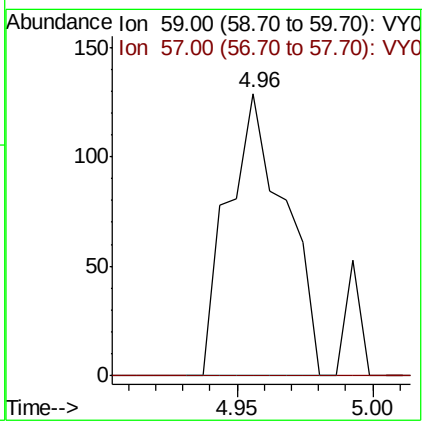


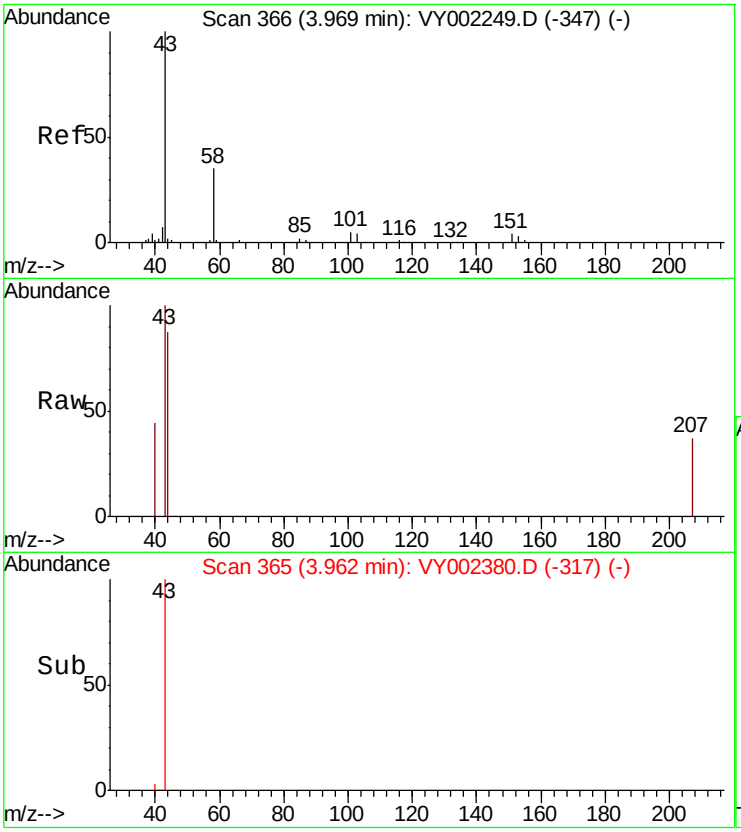


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.96 min Scan# 528
Delta R.T. -0.02 min
Lab File: VY002380.D
Acq: 16 Apr 2020 20:06

Tgt Ion: 59 Resp: 188

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.6	9.8#



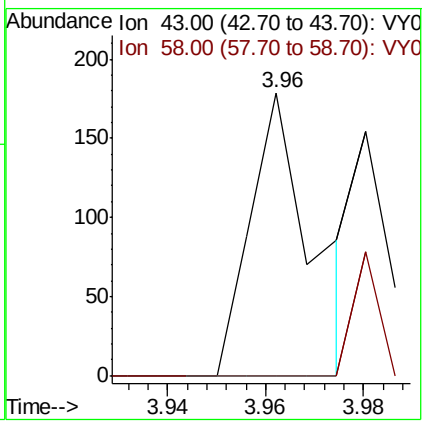


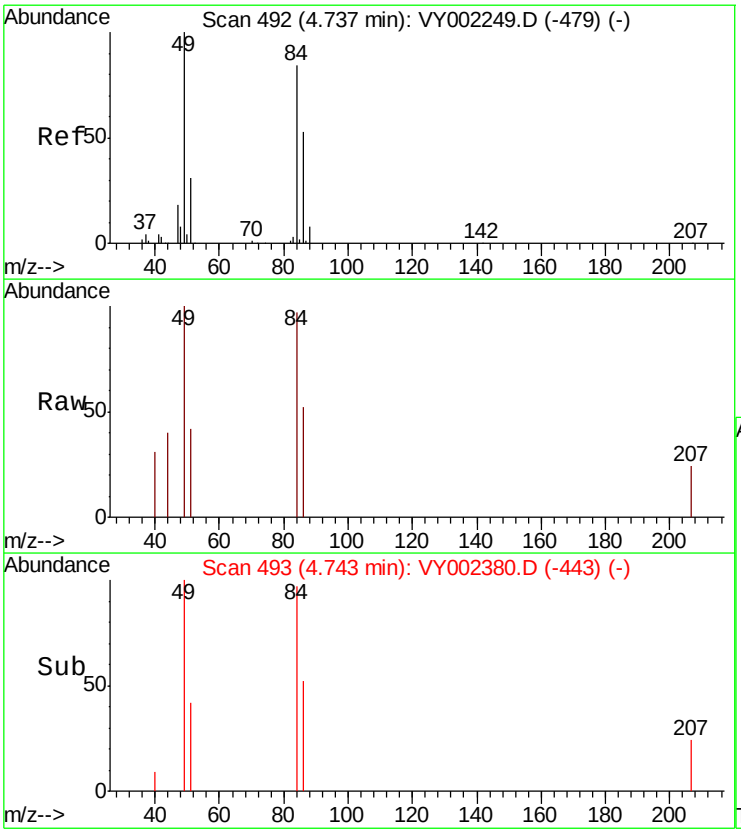
#16
Acetone
Concen: 1.906 ug/l
RT: 3.96 min Scan# 365
Delta R.T. -0.01 min
Lab File: VY002380.D
Acq: 16 Apr 2020 20:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 155

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.5	42.7#

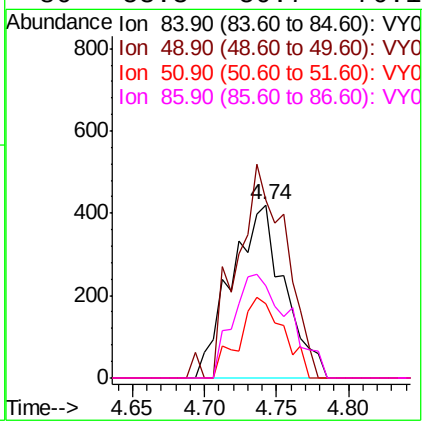


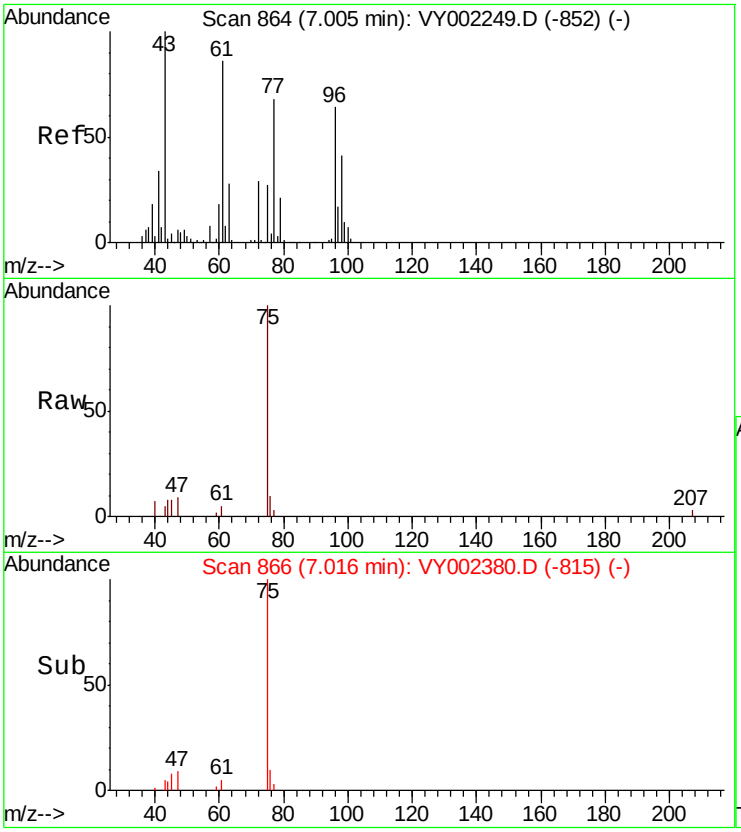


#20
Methylene Chloride
Concen: 2.687 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002380.D
Acq: 16 Apr 2020 20:06

Tgt Ion: 84 Resp: 1074

Ion	Ratio	Lower	Upper
84	100		
49	102.6	95.5	143.3
51	43.1	29.5	44.3
86	53.3	50.7	76.1



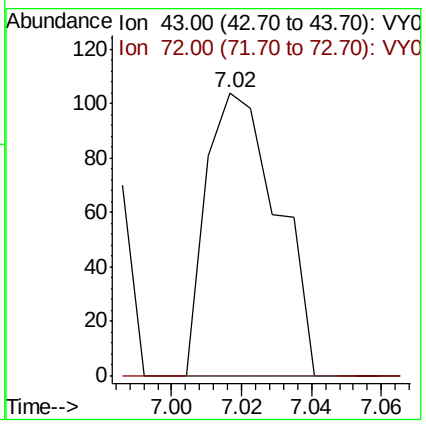


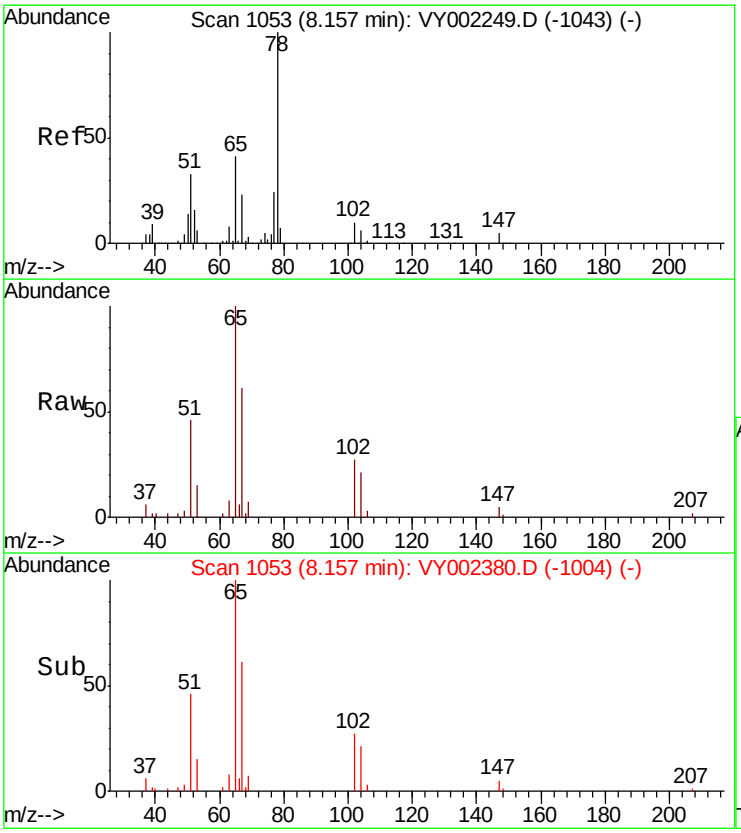
#25
2-Butanone
Concen: 1.134 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY002380.D
Acq: 16 Apr 2020 20:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 146

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.2	34.8#

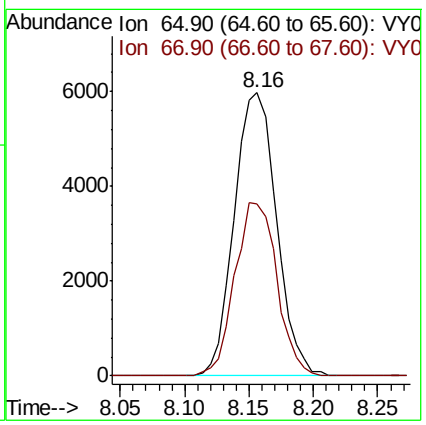


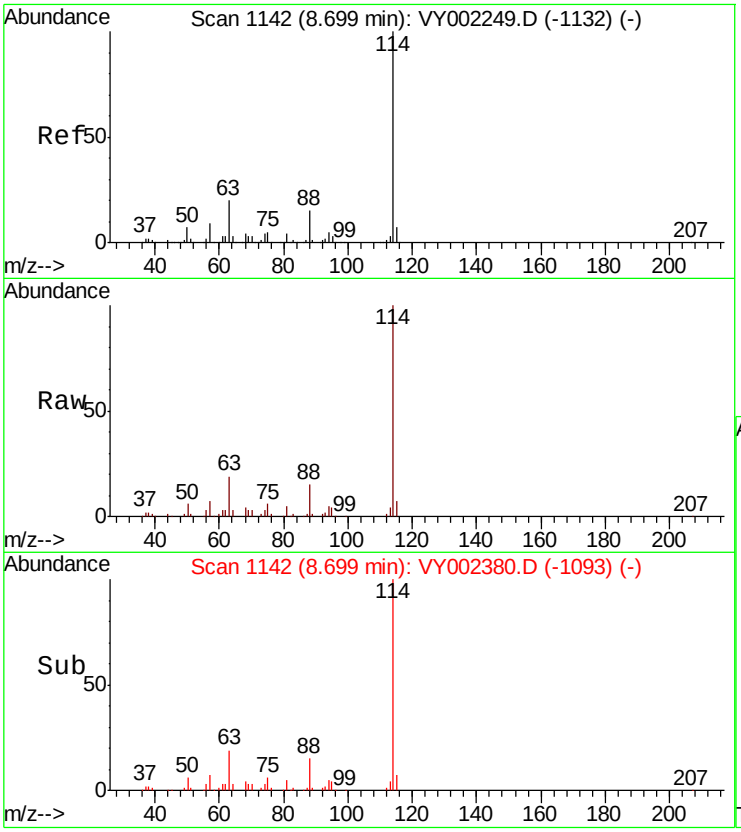


#33
1,2-Dichloroethane-d4
Concen: 43.991 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VY002380.D
Acq: 16 Apr 2020 20:06

Tgt Ion: 65 Resp: 13583

Ion	Ratio	Lower	Upper
65	100		
67	60.9	0.0	114.0



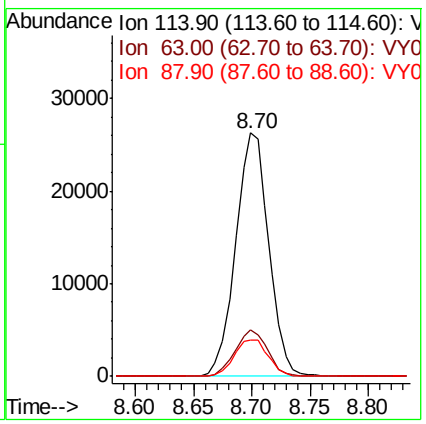


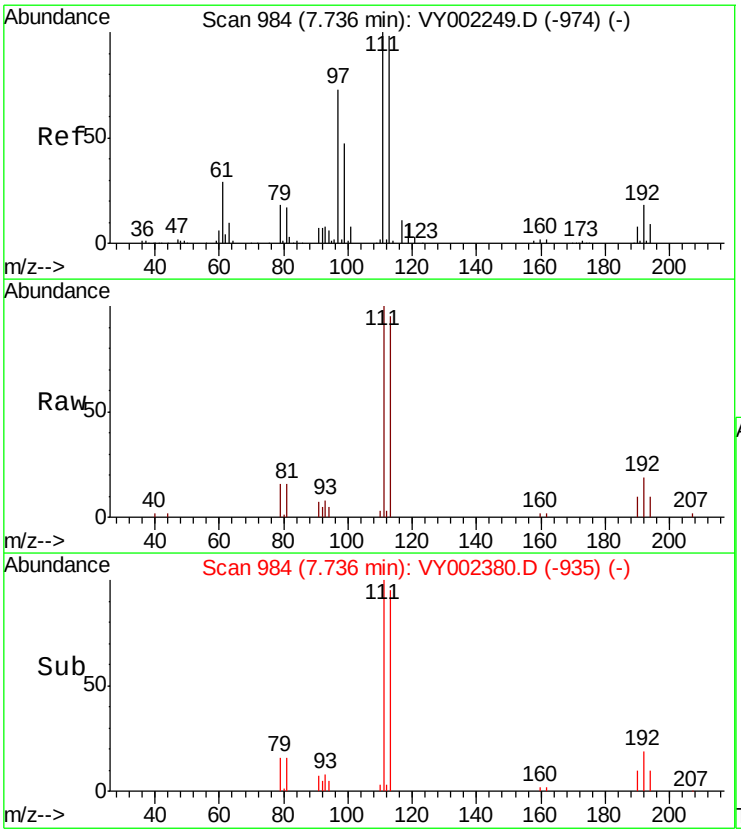
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VY002380.D
Acq: 16 Apr 2020 20:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 51970

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.0
88	15.0	0.0	31.0

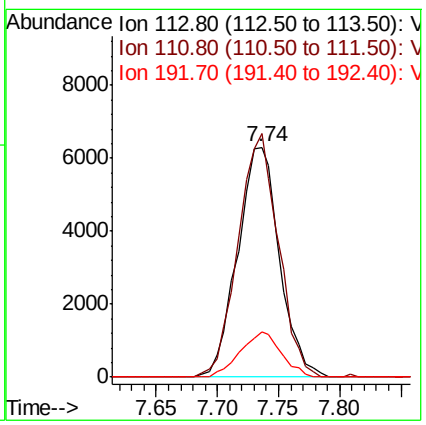


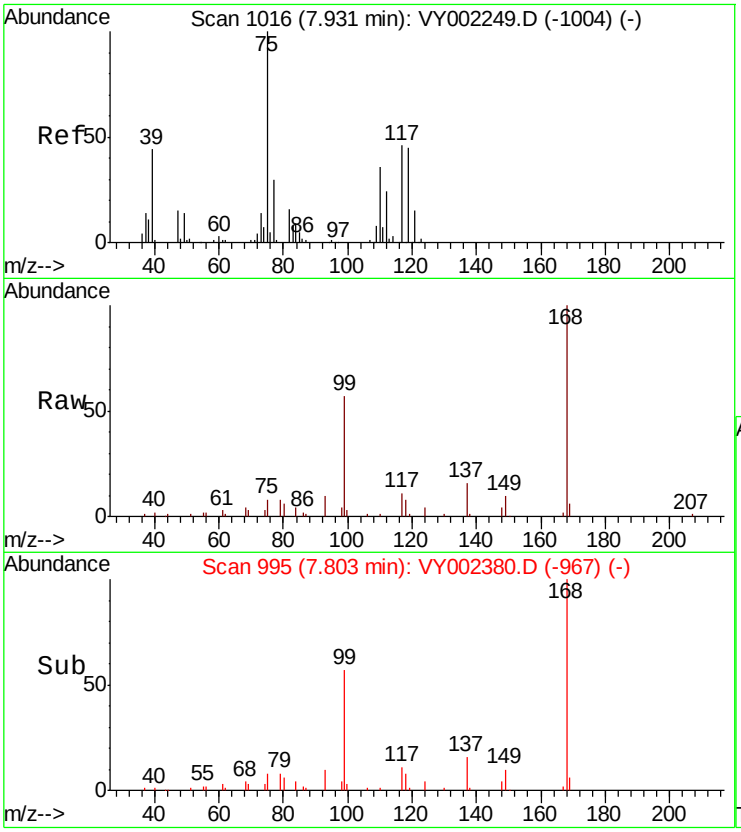


#35
Dibromofluoromethane
Concen: 48.416 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.00 min
Lab File: VY002380.D
Acq: 16 Apr 2020 20:06

Tgt Ion:113 Resp: 14972

Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.5	125.3
192	19.4	14.7	22.1



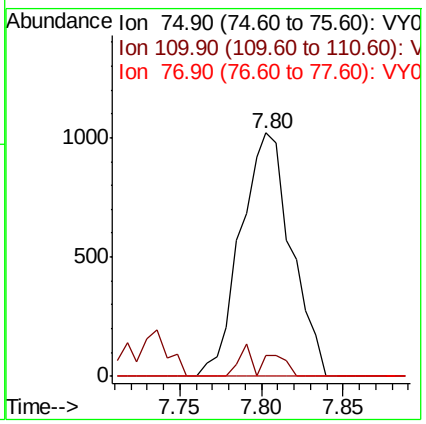


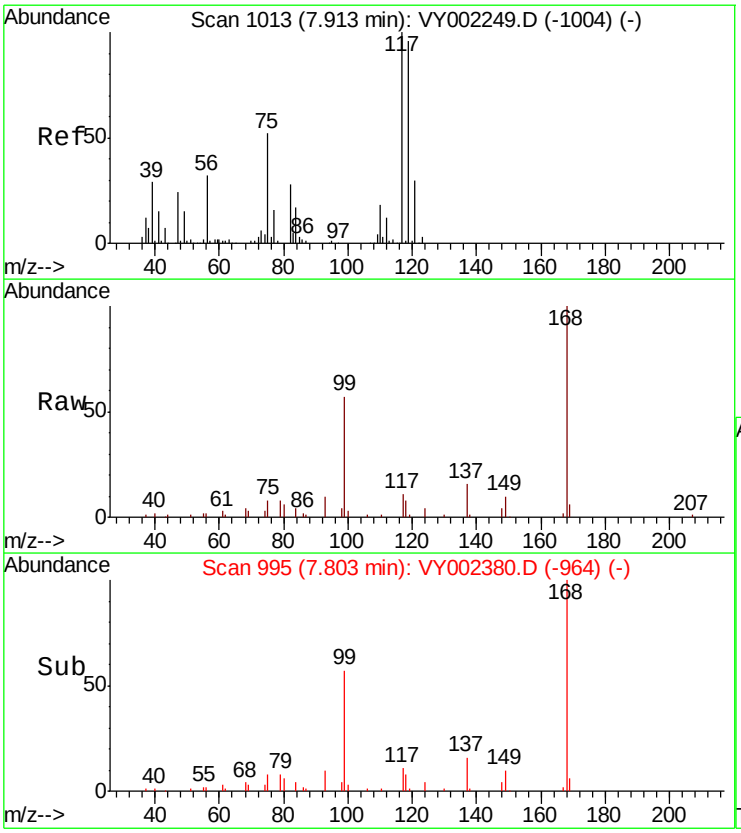
#36
1,1-Dichloropropene
Concen: 4.300 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.13 min
Lab File: VY002380.D
Acq: 16 Apr 2020 20:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 2201

Ion	Ratio	Lower	Upper
75	100		
110	4.0	17.8	53.3#
77	0.0	24.4	36.6#

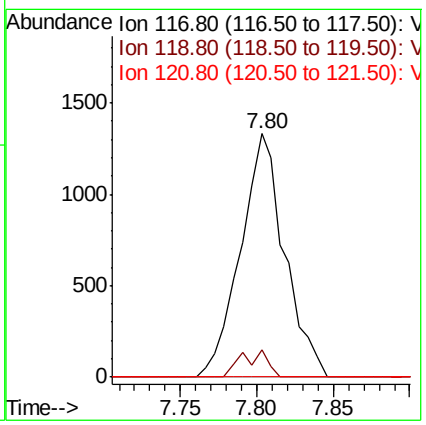


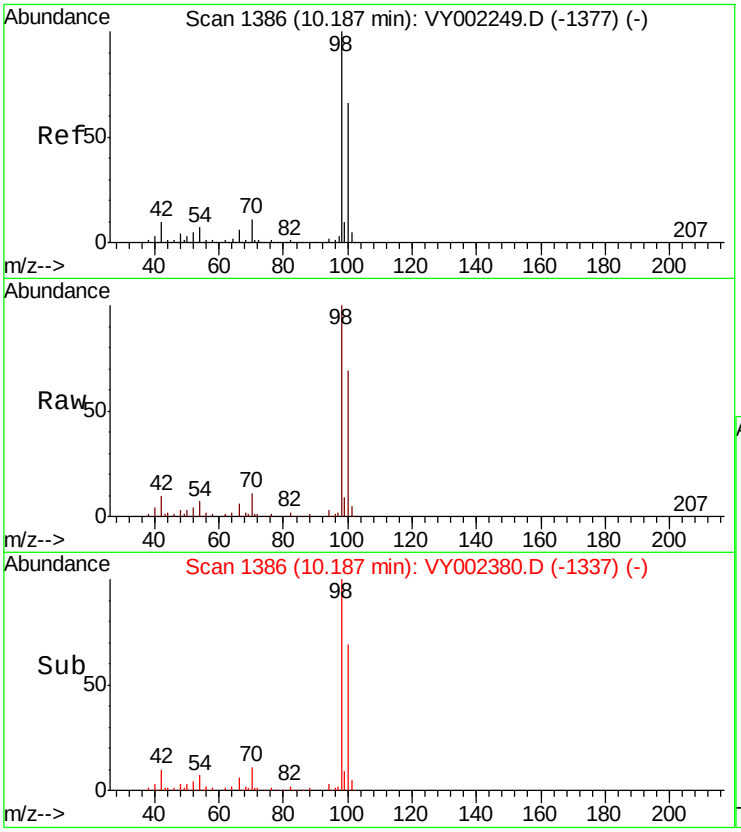


#38
Carbon Tetrachloride
Concen: 6.084 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY002380.D
Acq: 16 Apr 2020 20:06

Tgt Ion:117 Resp: 2664

Ion	Ratio	Lower	Upper
117	100		
119	11.2	77.1	115.7#
121	0.0	23.9	35.9#



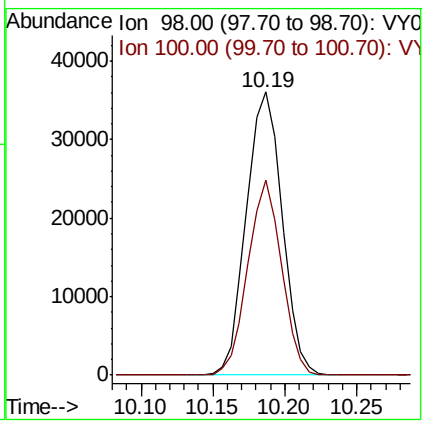


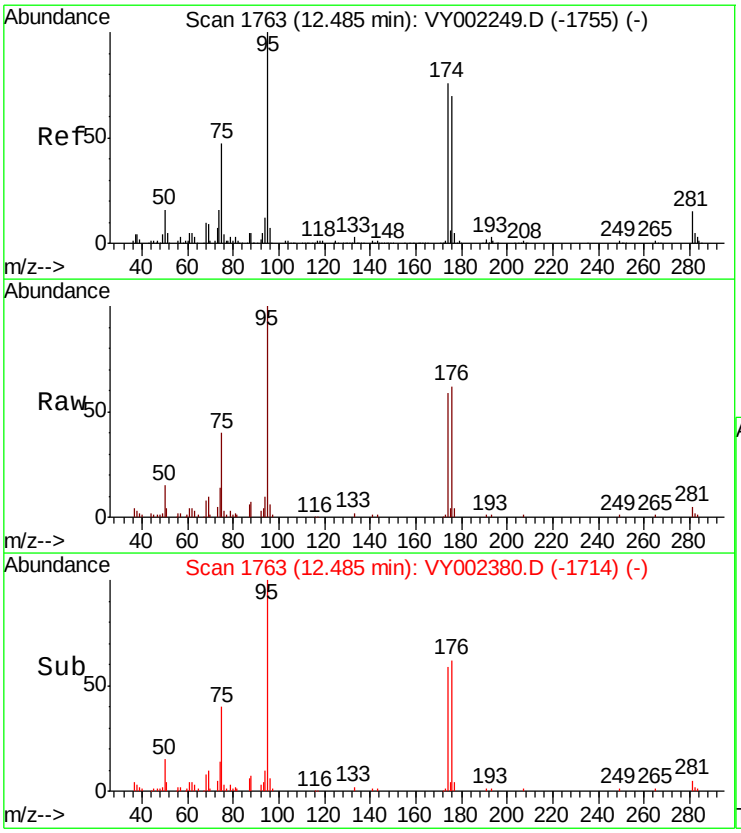
#50
Toluene-d8
Concen: 48.016 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY002380.D
Acq: 16 Apr 2020 20:06

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 62149

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.6	78.8

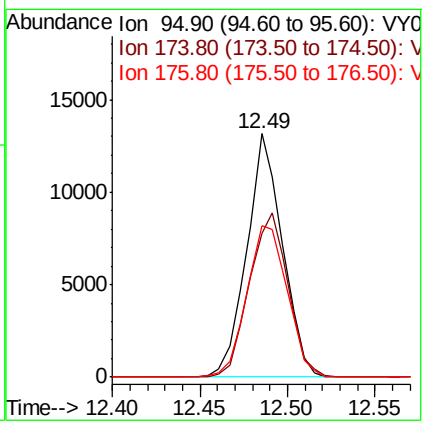


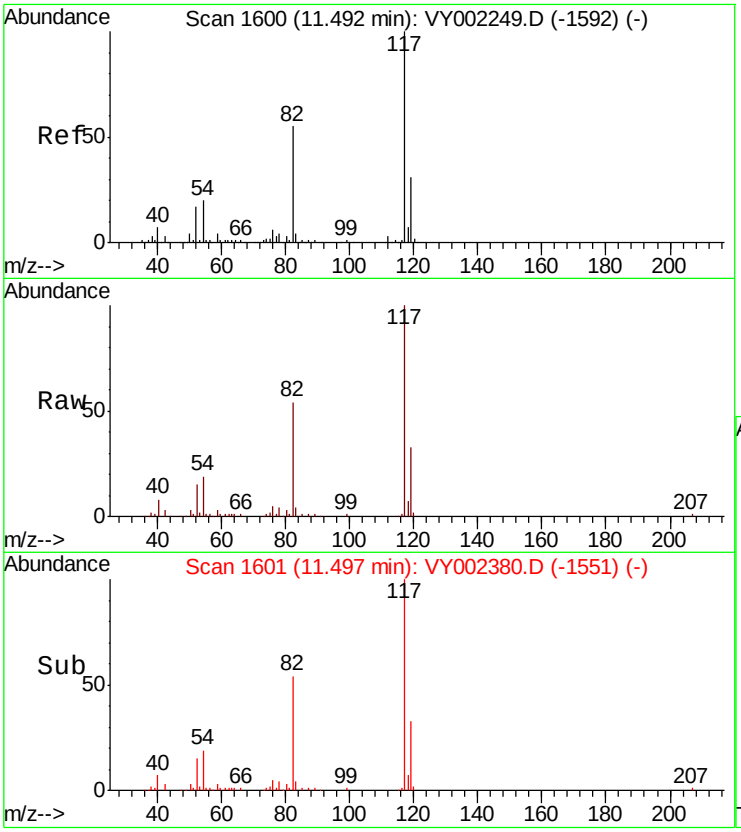


#62
4-Bromofluorobenzene
Concen: 43.656 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY002380.D
Acq: 16 Apr 2020 20:06

Tgt Ion: 95 Resp: 18642

Ion	Ratio	Lower	Upper
95	100		
174	72.9	0.0	150.6
176	70.3	0.0	141.4



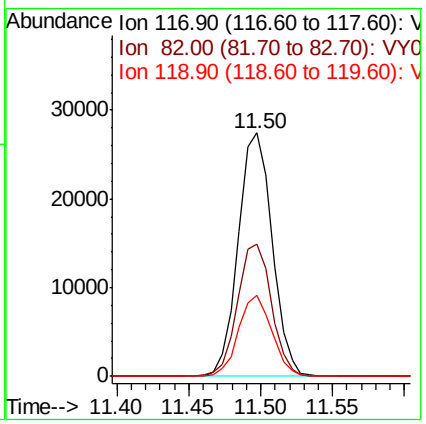


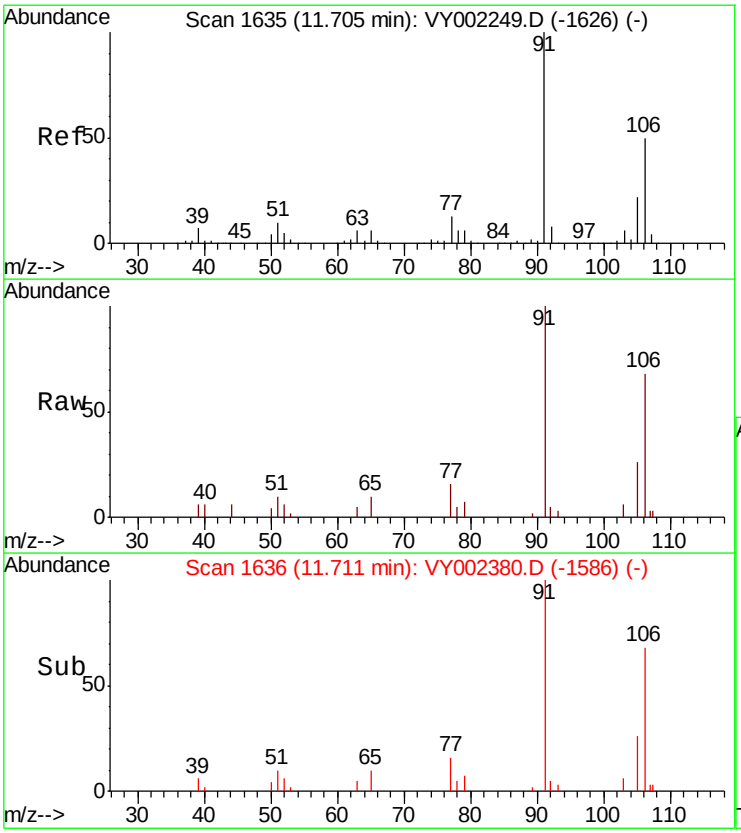
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002380.D
Acq: 16 Apr 2020 20:06

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 44810

Ion	Ratio	Lower	Upper
117	100		
82	54.3	44.2	66.4
119	33.1	25.1	37.7

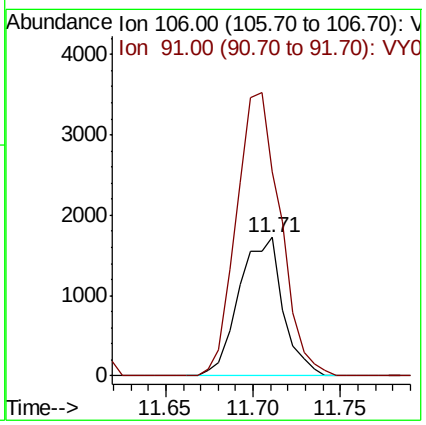


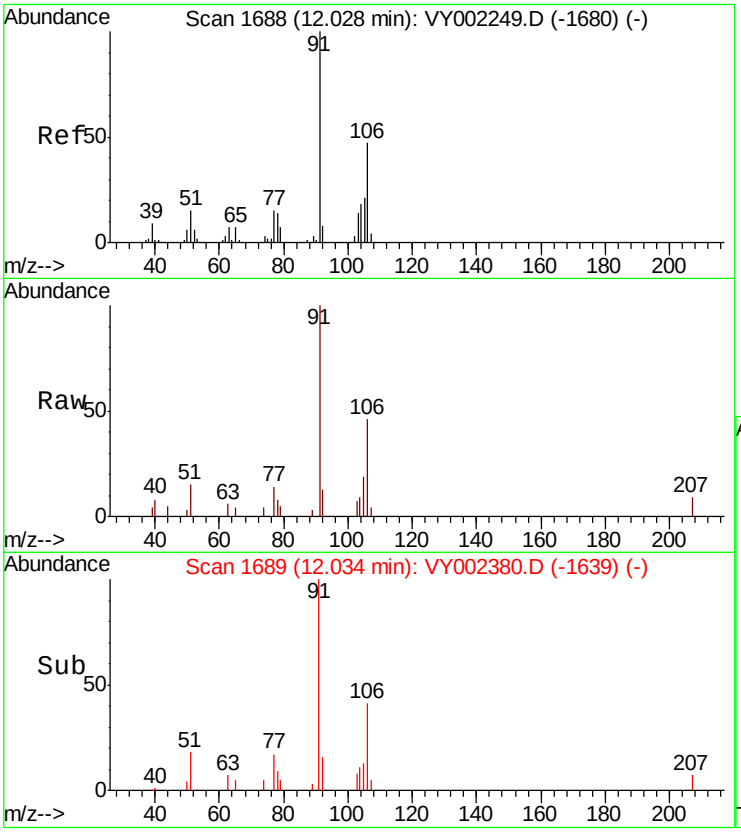


#68
m/p-Xylenes
Concen: 4.730 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VY002380.D
Acq: 16 Apr 2020 20:06

Tgt Ion:106 Resp: 3021

Ion	Ratio	Lower	Upper
106	100		
91	204.8	159.8	239.6



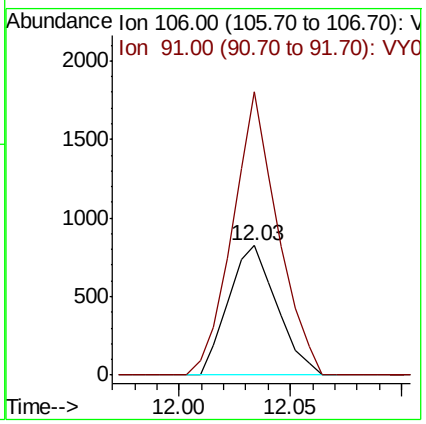


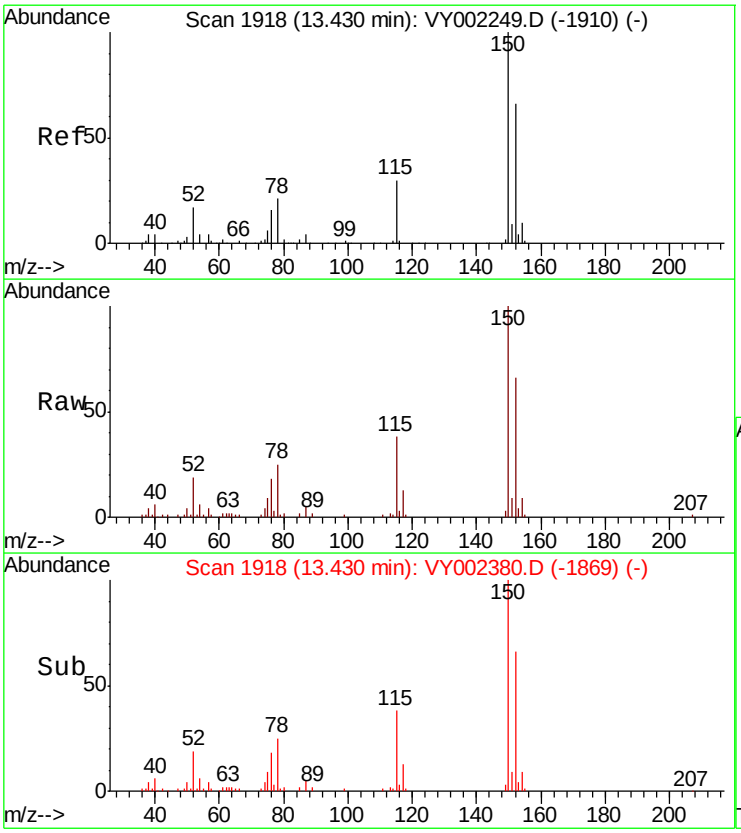
#69
o-Xylene
Concen: 2.083 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY002380.D
Acq: 16 Apr 2020 20:06

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:106 Resp: 1249

Ion	Ratio	Lower	Upper
106	100		
91	203.8	105.8	317.3

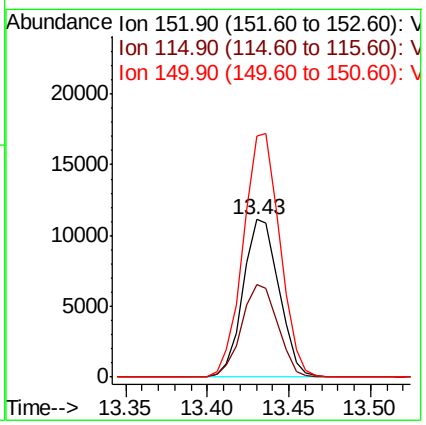


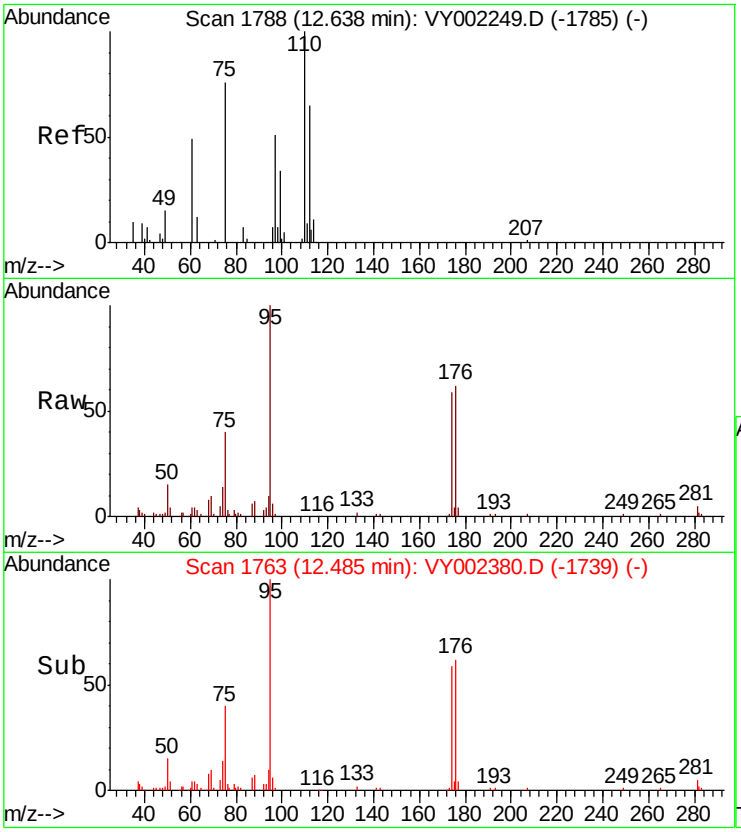


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002380.D
Acq: 16 Apr 2020 20:06

Tgt Ion:152 Resp: 17142

Ion	Ratio	Lower	Upper
152	100		
115	58.9	30.7	92.1
150	157.3	0.0	350.6



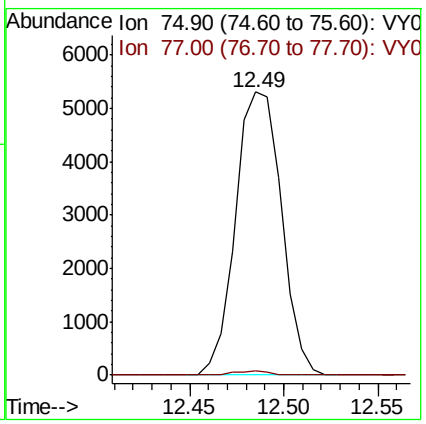


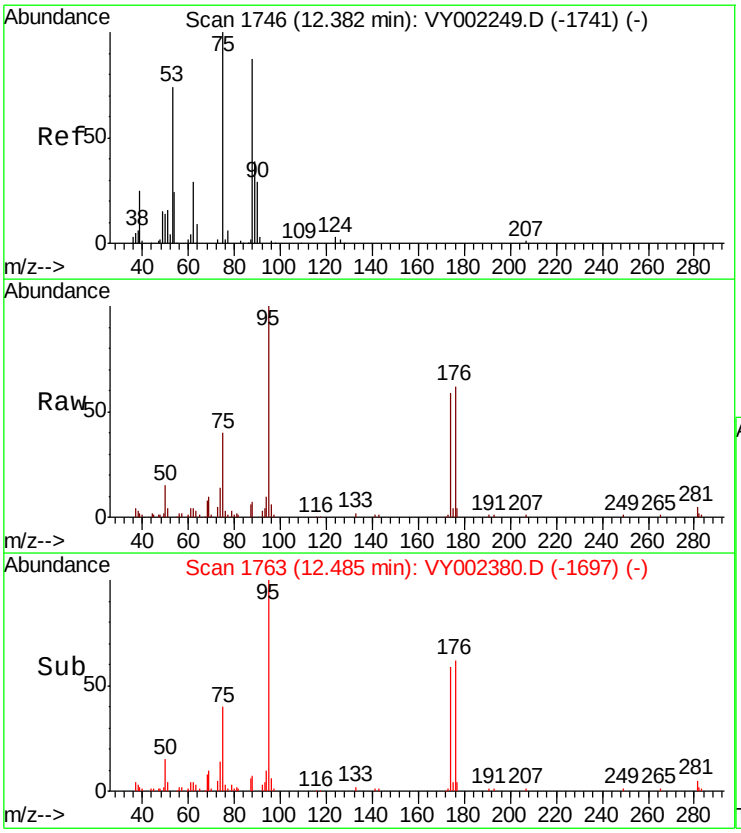
#76
1,2,3-Trichloropropane
Concen: 44.962 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.15 min
Lab File: VY002380.D
Acq: 16 Apr 2020 20:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 8950

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#

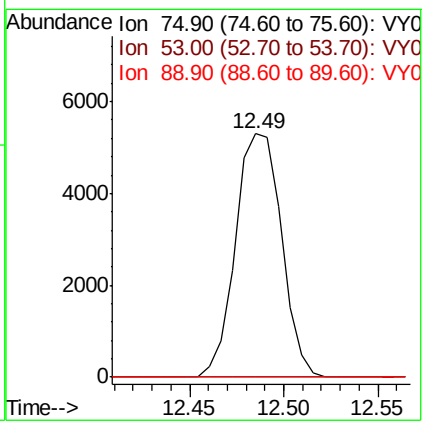


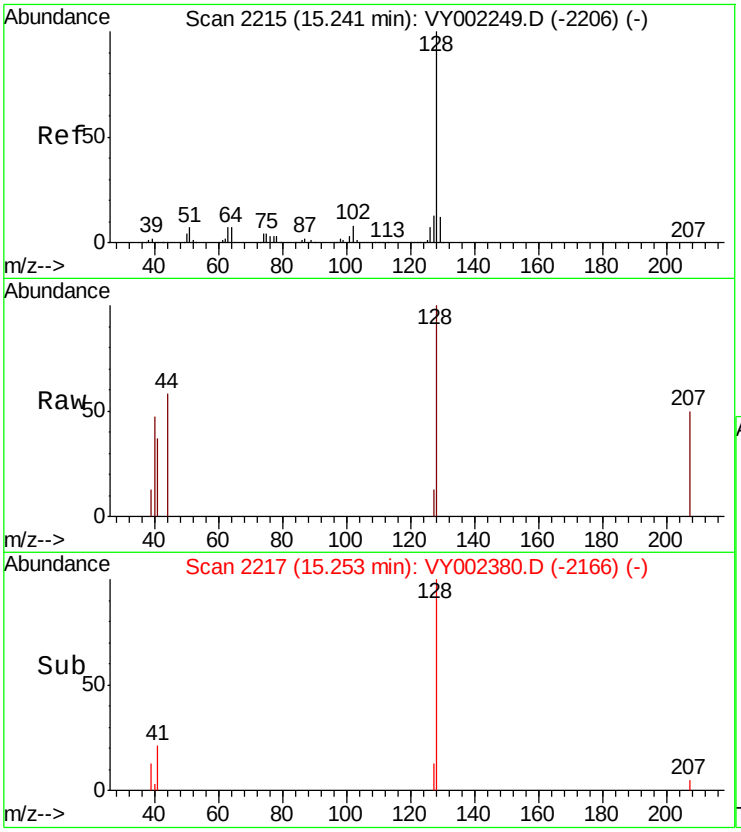


#81
trans-1,4-Dichloro-2-butene
Concen: 87.451 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.10 min
Lab File: VY002380.D
Acq: 16 Apr 2020 20:06

Tgt Ion: 75 Resp: 8950

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





#95
Naphthalene
Concen: 1.069 ug/l
RT: 15.25 min Scan# 2217
Delta R.T. 0.01 min
Lab File: VY002380.D
Acq: 16 Apr 2020 20:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 798

Ion	Ratio	Lower	Upper
128	100		
127	8.8	10.1	15.1#
129	5.6	8.7	13.1#