Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122719\
Data File : VY001098.D
Acq On : 27 Dec 2019 15:22
Operator : SY/MD
Sample : K6443-06
Misc : 6.73G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : PH-2

Quant Time: Dec 28 04:03:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 23 12:07:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.80	168	229065	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.69	114	425856	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.49	117	352156	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	117972	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.15	65	118167	52.30	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.60%				
35) Dibromofluoromethane	7.72	113	121662	48.52	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.04%				
50) Toluene-d8	10.17	98	494462	50.46	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.92%				
62) 4-Bromofluorobenzene	12.48	95	135029	37.69	ug/l		0.00
Spiked Amount 50.000			Recovery = 75.38%				
Target Compounds							Qvalue
16) Acetone	3.96	43	5910	11.355	ug/l		99
20) Methylene Chloride	4.72	84	26567	8.672	ug/l		91
25) 2-Butanone	7.02	43	1372	1.501	ug/l	#	68
31) Cyclohexane	7.78	56	5578	1.111	ug/l	#	15
36) 1,1-Dichloropropene	7.80	75	17633	4.340	ug/l	#	49
38) Carbon Tetrachloride	7.80	117	22223	6.243	ug/l	#	19
52) Toluene	10.24	92	16783	2.225	ug/l		97
68) m/p-Xylenes	11.70	106	5204	1.043	ug/l		95
76) 1,2,3-Trichloropropane	12.47	75	65212	44.839	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.47	75	65212	95.631	ug/l	#	19
95) Naphthalene	15.23	128	39870	6.905	ug/l		98

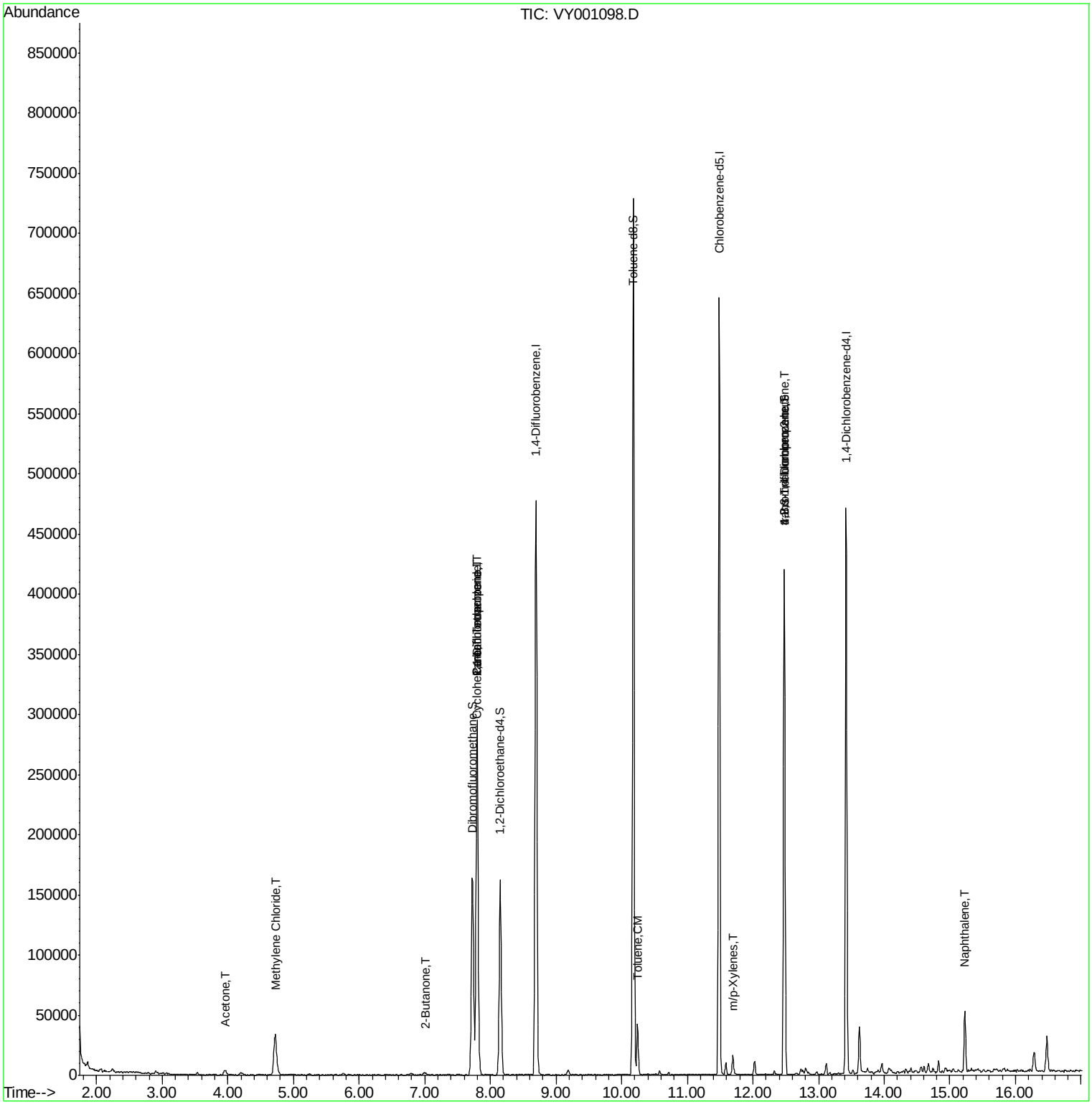
(#) = qualifier out of range (m) = manual integration (+) = signals summed

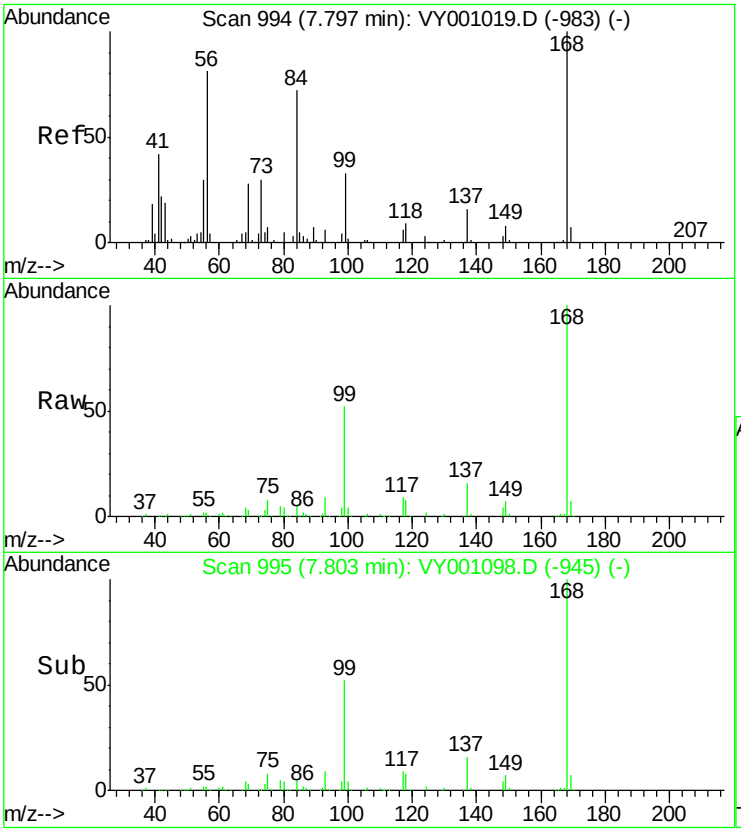
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122719\
Data File : VY001098.D
Acq On : 27 Dec 2019 15:22
Operator : SY/MD
Sample : K6443-06
Misc : 6.73G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PH-2

Quant Time: Dec 28 04:03:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 23 12:07:44 2019
Response via : Initial Calibration



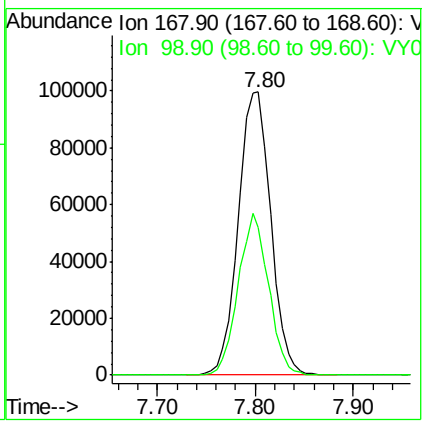


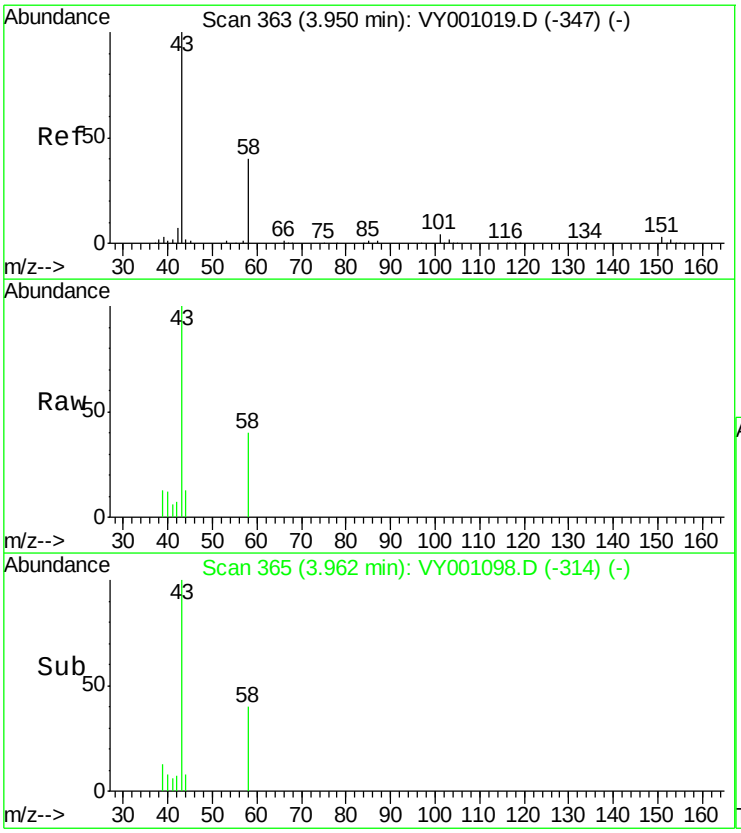
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY001098.D
Acq: 27 Dec 2019 15:22

Instrument : MSVOA_Y
ClientSampleId : PH-2

Tgt Ion:168 Resp: 229065

Ion	Ratio	Lower	Upper
168	100		
99	52.3	44.0	66.0

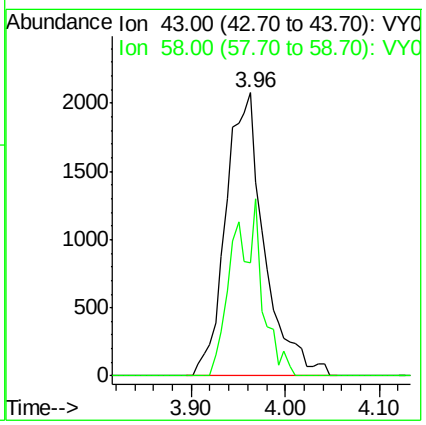


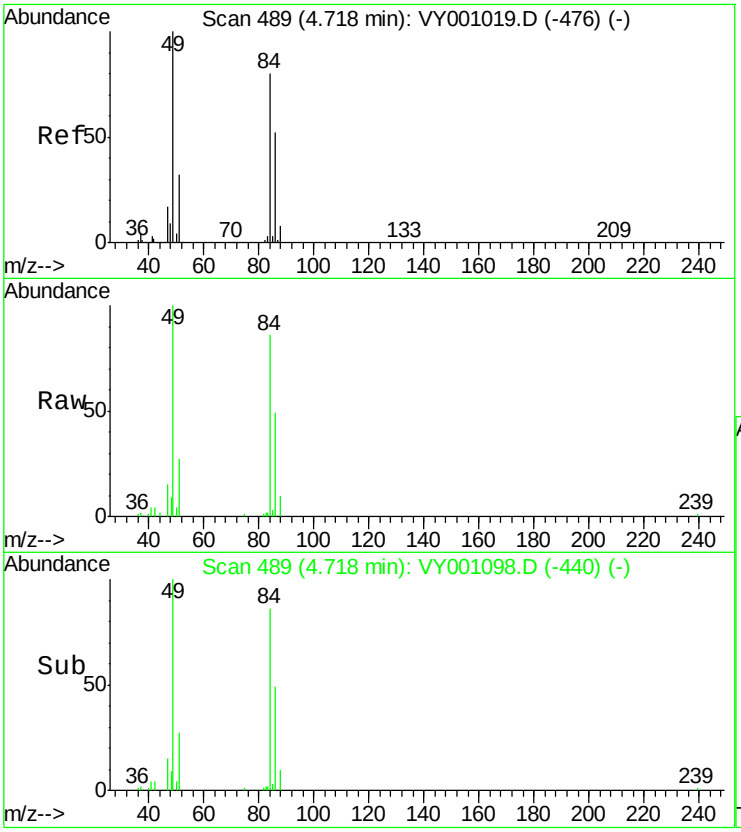


#16
Acetone
Concen: 11.355 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY001098.D
Acq: 27 Dec 2019 15:22

Tgt Ion: 43 Resp: 5910

Ion	Ratio	Lower	Upper
43	100		
58	39.8	32.1	48.1



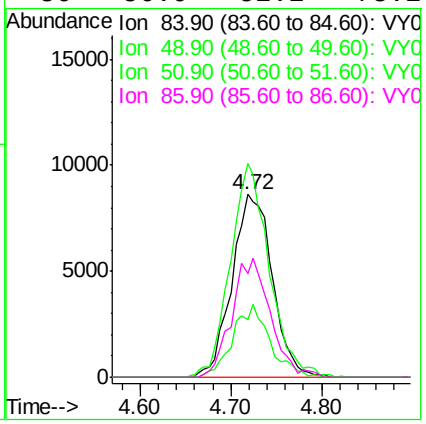


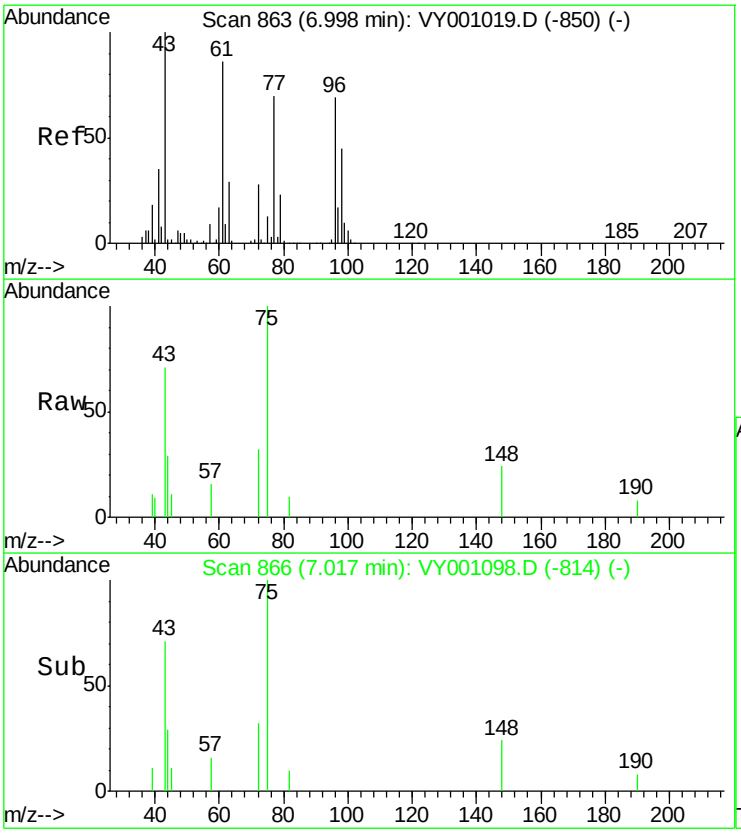
#20
Methylene Chloride
Concen: 8.672 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY001098.D
Acq: 27 Dec 2019 15:22

Instrument : MSVOA_Y
ClientSampleId : PH-2

Tgt Ion: 84 Resp: 26567

Ion	Ratio	Lower	Upper
84	100		
49	116.9	99.8	149.6
51	31.8	31.4	47.2
86	56.9	52.2	78.2

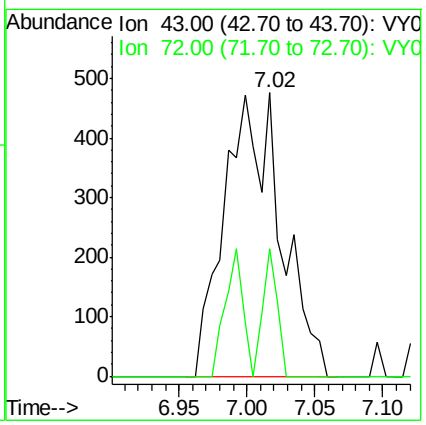


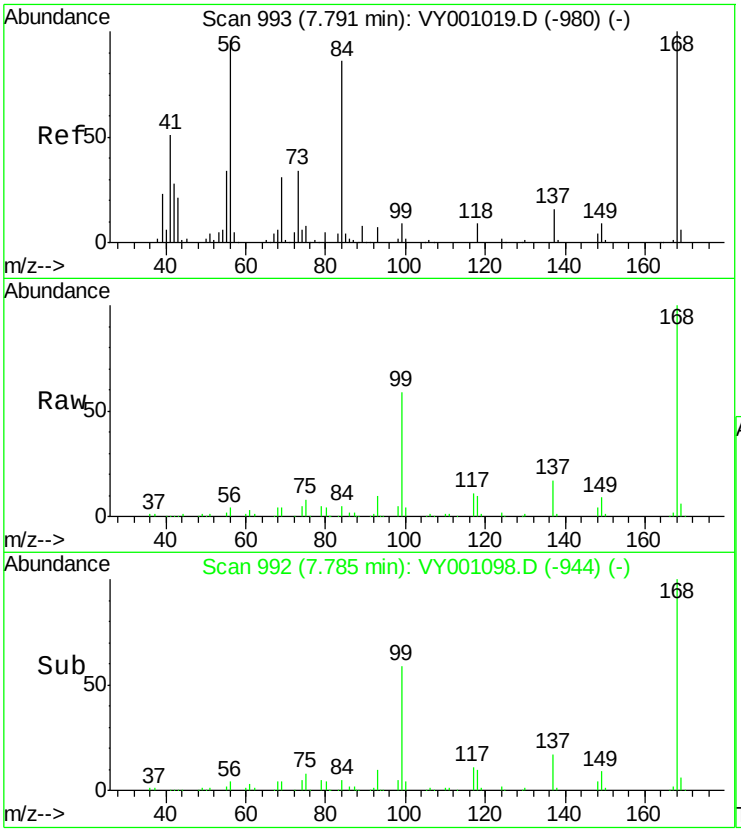


#25
2-Butanone
Concen: 1.501 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.02 min
Lab File: VY001098.D
Acq: 27 Dec 2019 15:22

Tgt Ion: 43 Resp: 1372

Ion	Ratio	Lower	Upper
43	100		
72	44.7	22.4	33.6#



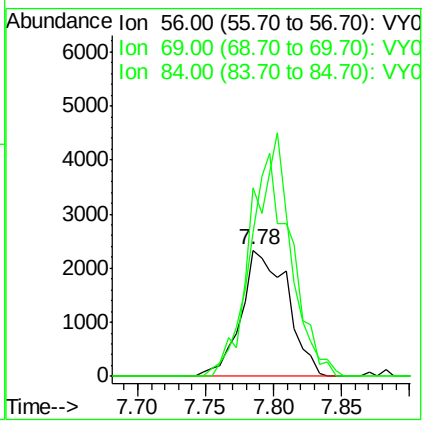


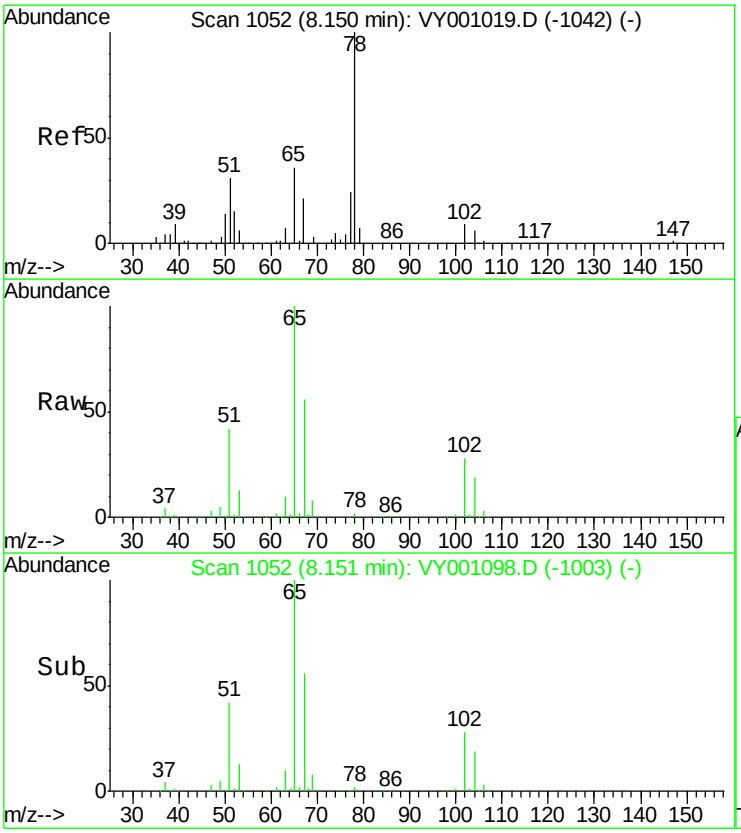
#31
Cyclohexane
Concen: 1.111 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY001098.D
Acq: 27 Dec 2019 15:22

Instrument : MSVOA_Y
ClientSampleId : PH-2

Tgt Ion: 56 Resp: 5578

Ion	Ratio	Lower	Upper
56	100		
69	113.8	26.1	39.1#
84	148.8	71.8	107.8#

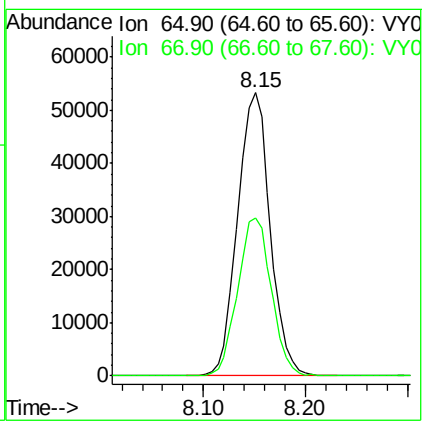


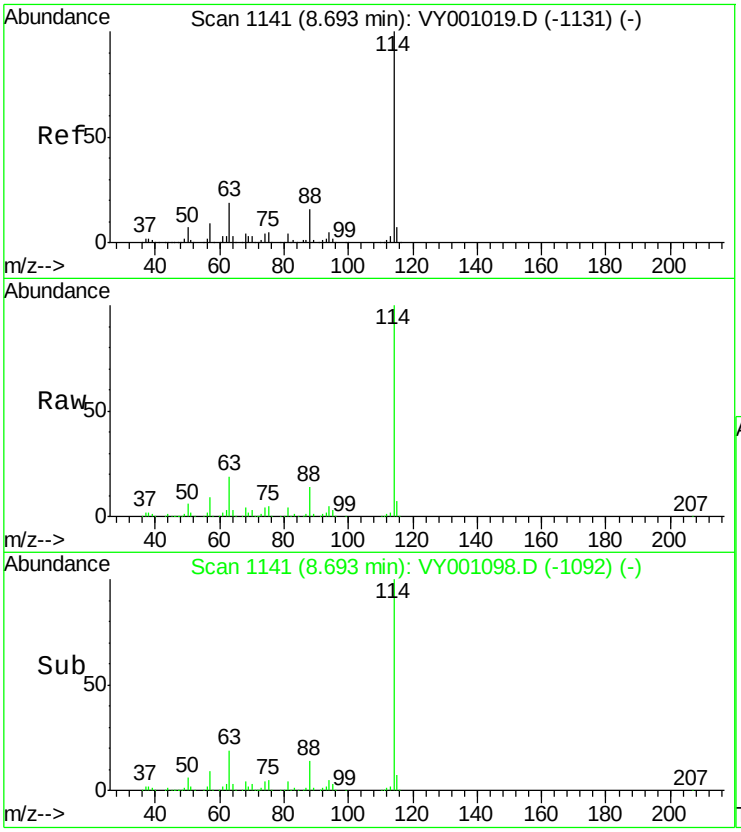


#33
1,2-Dichloroethane-d4
Concen: 52.304 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY001098.D
Acq: 27 Dec 2019 15:22

Tgt Ion: 65 Resp: 118167

Ion	Ratio	Lower	Upper
65	100		
67	57.5	0.0	112.8



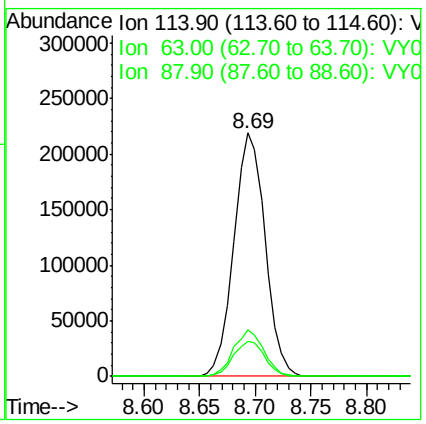


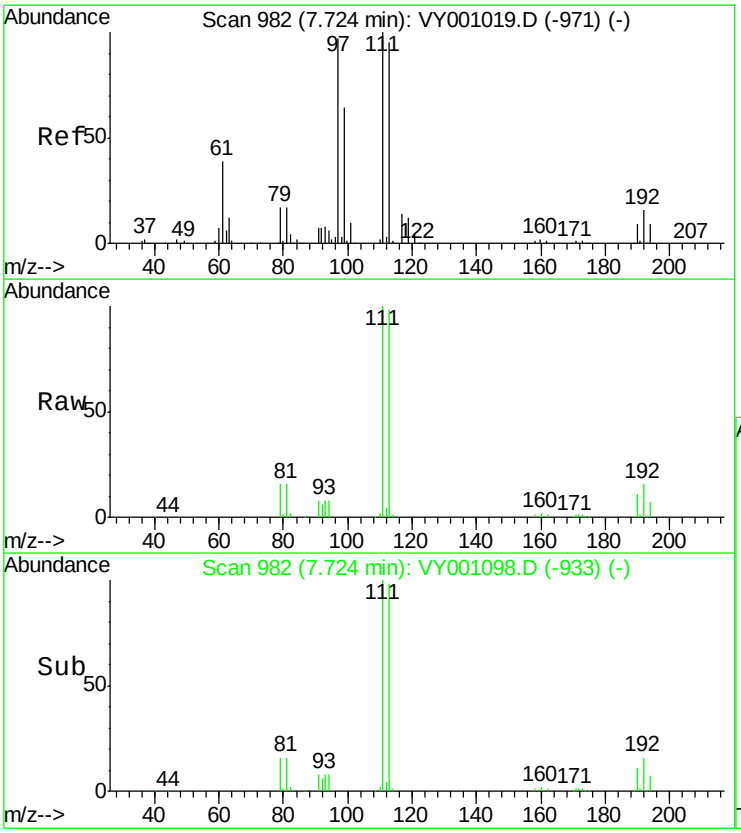
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY001098.D
Acq: 27 Dec 2019 15:22

Instrument :
MSVOA_Y
ClientSampleId :
PH-2

Tgt Ion:114 Resp: 425856

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	37.0
88	14.5	0.0	32.0

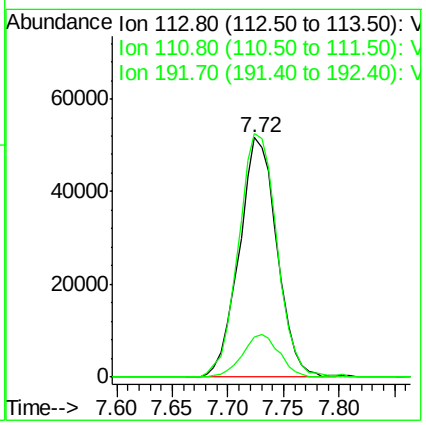


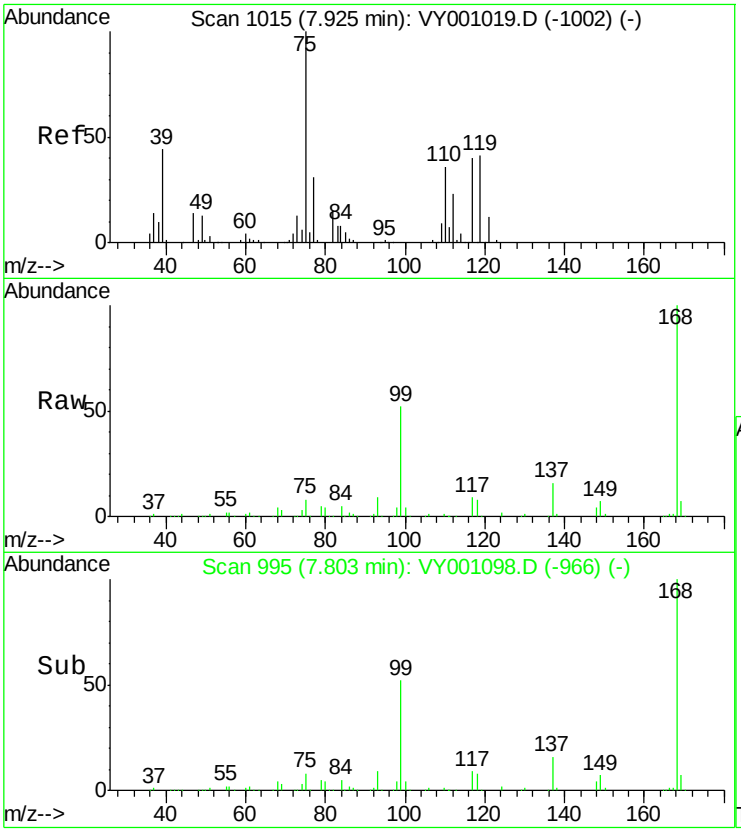


#35
Dibromofluoromethane
Concen: 48.516 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY001098.D
Acq: 27 Dec 2019 15:22

Tgt Ion:113 Resp: 121662

Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.0	124.4
192	17.6	14.6	21.8



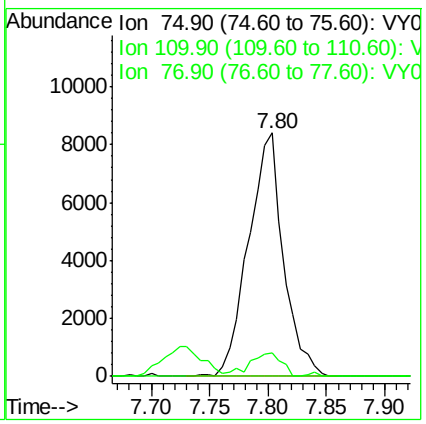


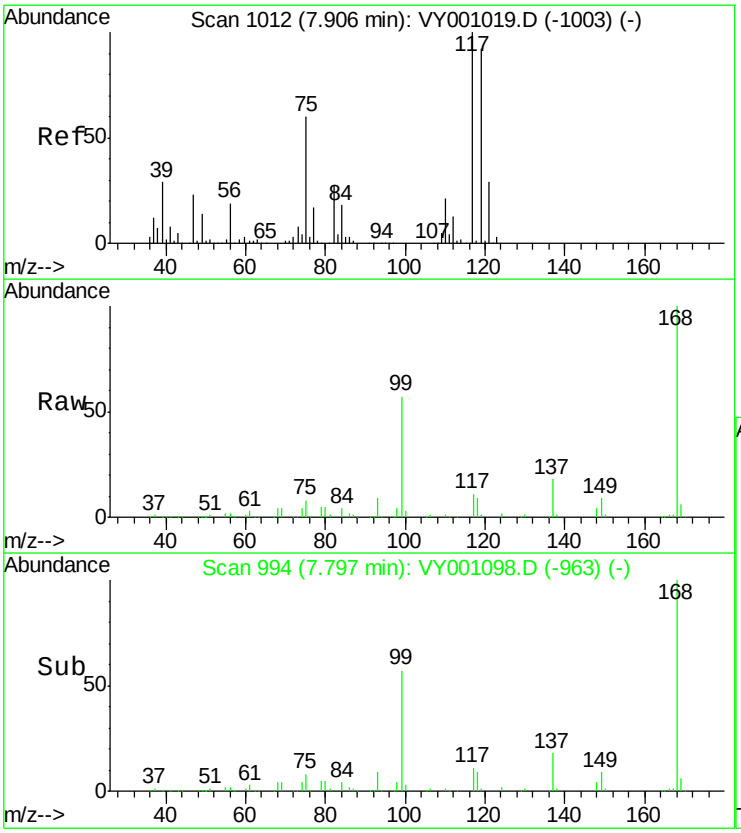
#36
1,1-Dichloropropene
Concen: 4.340 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY001098.D
Acq: 27 Dec 2019 15:22

Instrument : MSVOA_Y
ClientSampleId : PH-2

Tgt Ion: 75 Resp: 17633

Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.1	54.4#
77	0.0	24.6	37.0#

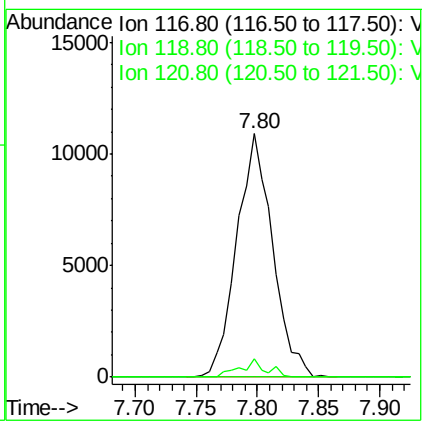


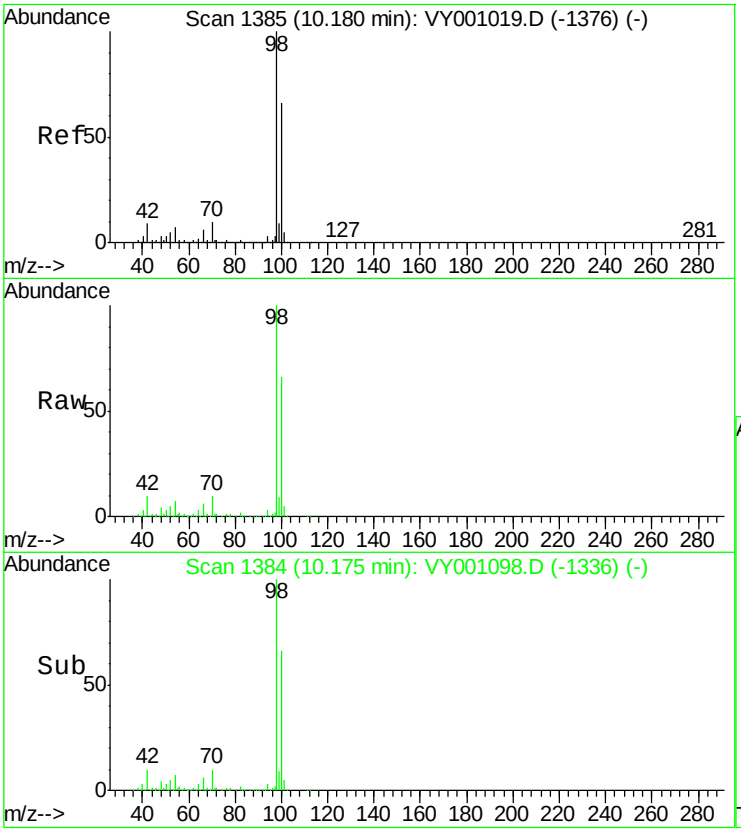


#38
Carbon Tetrachloride
Concen: 6.243 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY001098.D
Acq: 27 Dec 2019 15:22

Tgt Ion:117 Resp: 22223

Ion	Ratio	Lower	Upper
117	100		
119	7.5	74.2	111.2#
121	0.0	22.9	34.3#



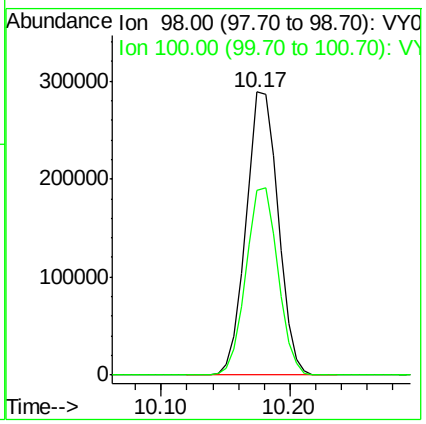


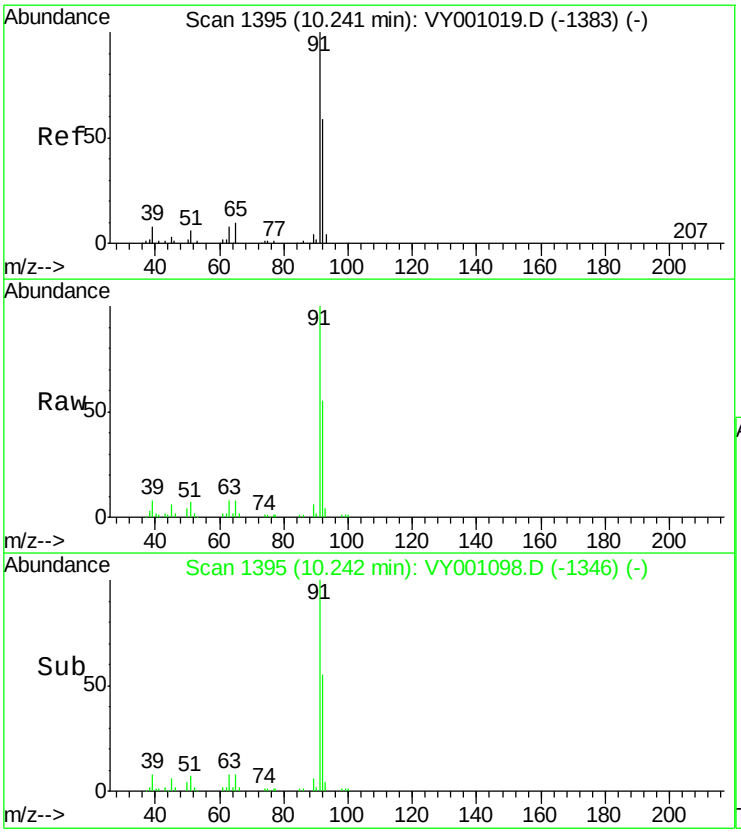
#50
Toluene-d8
Concen: 50.456 ug/l
RT: 10.17 min Scan# 1384
Delta R.T. -0.01 min
Lab File: VY001098.D
Acq: 27 Dec 2019 15:22

Instrument :
MSVOA_Y
ClientSampleId :
PH-2

Tgt Ion: 98 Resp: 494462

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4

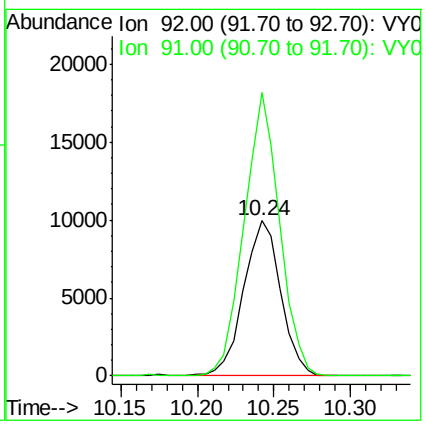


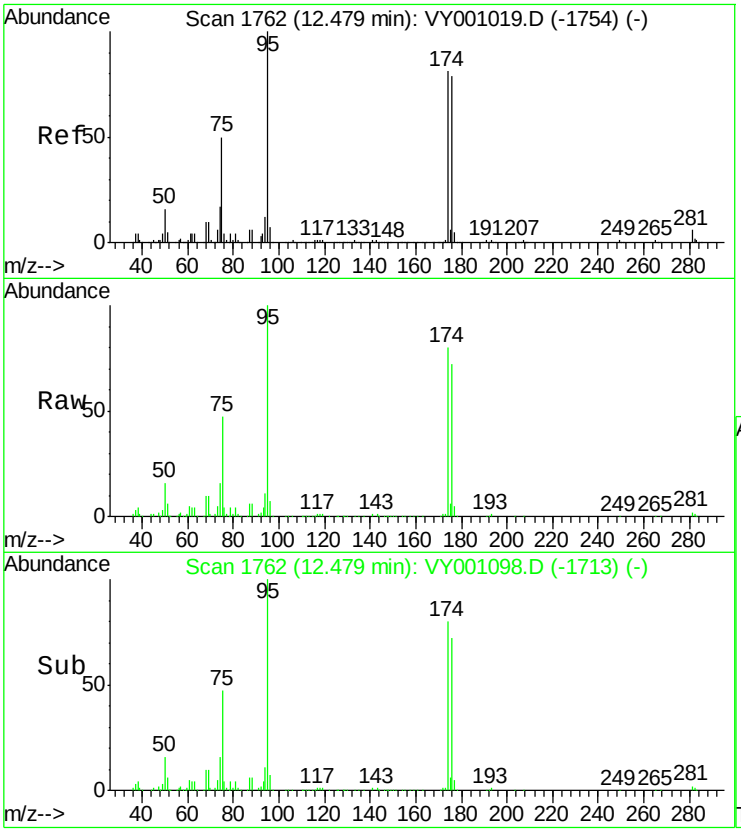


#52
Toluene
Concen: 2.225 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY001098.D
Acq: 27 Dec 2019 15:22

Tgt Ion: 92 Resp: 16783

Ion	Ratio	Lower	Upper
92	100		
91	174.1	135.7	203.5



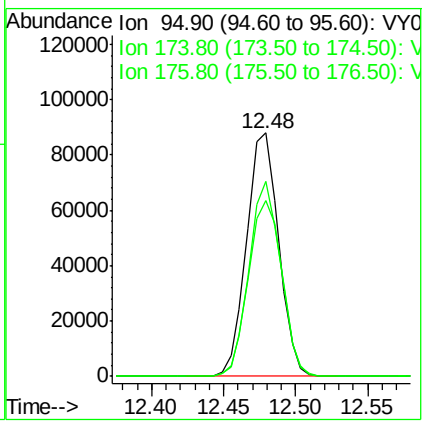


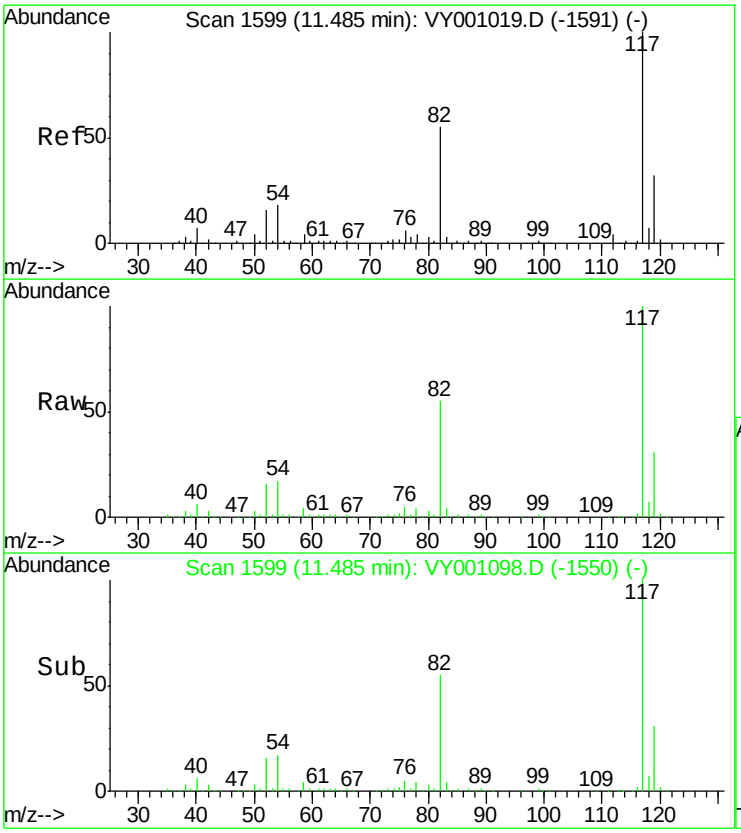
#62
4-Bromofluorobenzene
Concen: 37.686 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001098.D
Acq: 27 Dec 2019 15:22

Instrument :
MSVOA_Y
ClientSampleId :
PH-2

Tgt Ion: 95 Resp: 135029

Ion	Ratio	Lower	Upper
95	100		
174	79.1	0.0	156.4
176	75.6	0.0	155.0

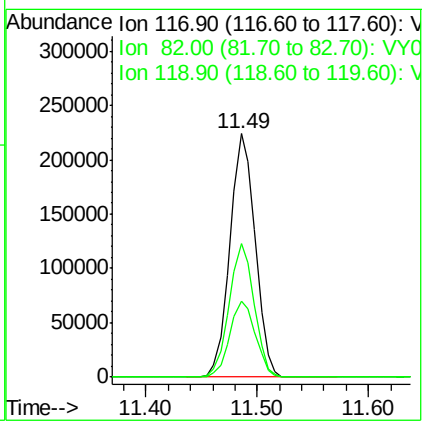


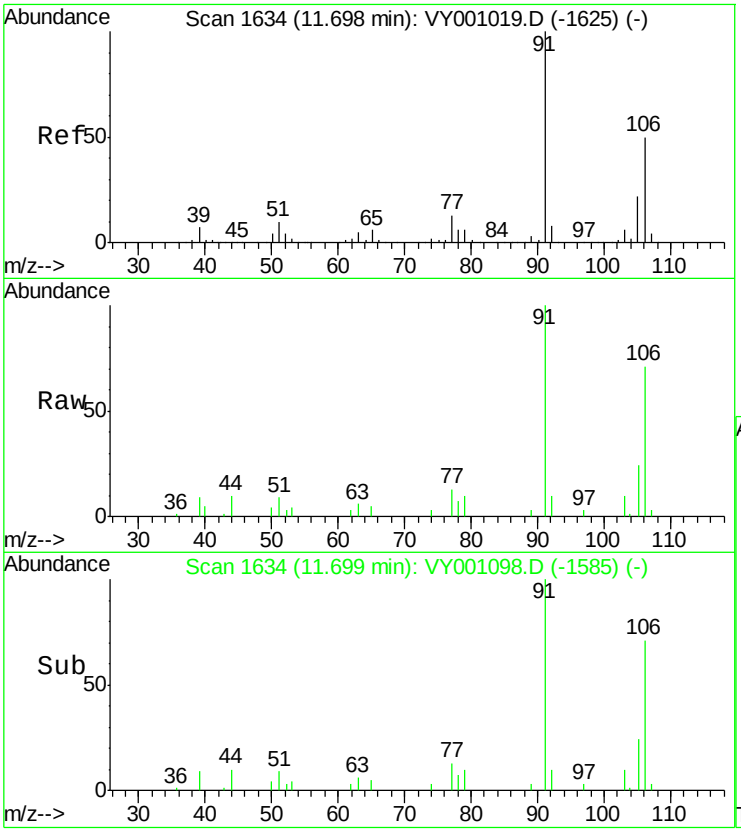


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001098.D
Acq: 27 Dec 2019 15:22

Tgt Ion:117 Resp: 352156

Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.8	65.8
119	31.2	25.8	38.6



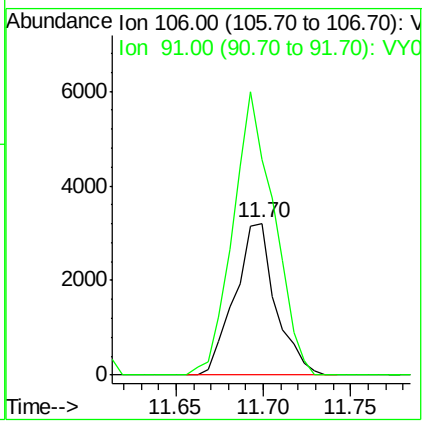


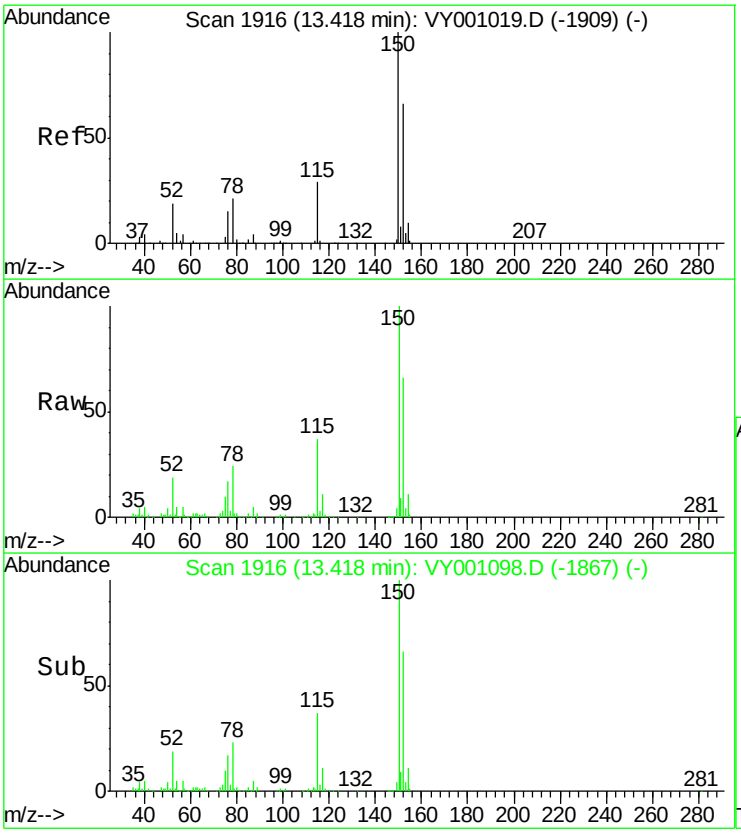
#68
m/p-Xylenes
Concen: 1.043 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001098.D
Acq: 27 Dec 2019 15:22

Instrument : MSVOA_Y
ClientSampleId : PH-2

Tgt Ion:106 Resp: 5204

Ion	Ratio	Lower	Upper
106	100		
91	187.5	156.4	234.6

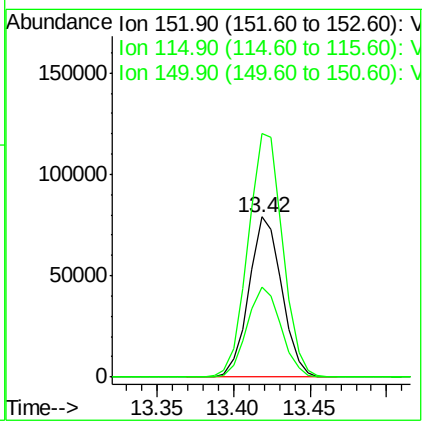


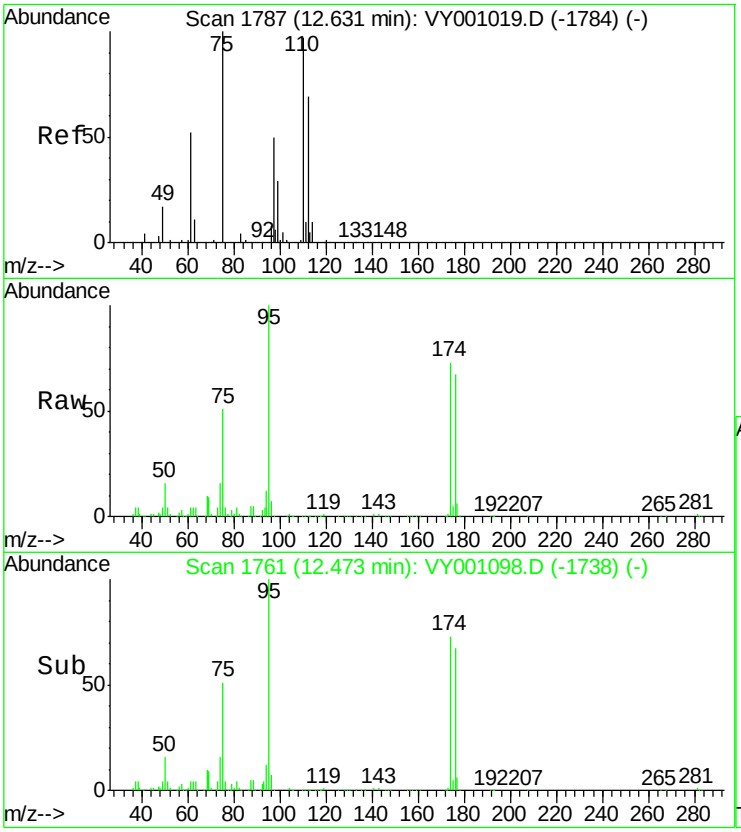


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VY001098.D
Acq: 27 Dec 2019 15:22

Tgt Ion:152 Resp: 117972

Ion	Ratio	Lower	Upper
152	100		
115	58.5	29.8	89.3
150	160.4	0.0	352.6



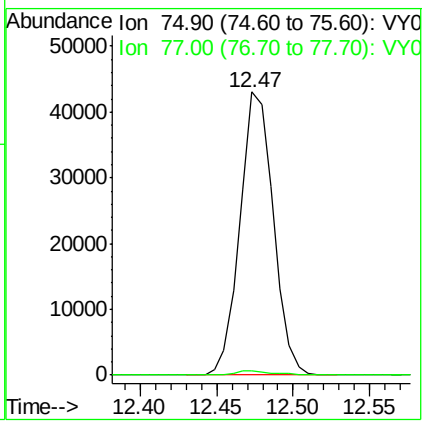


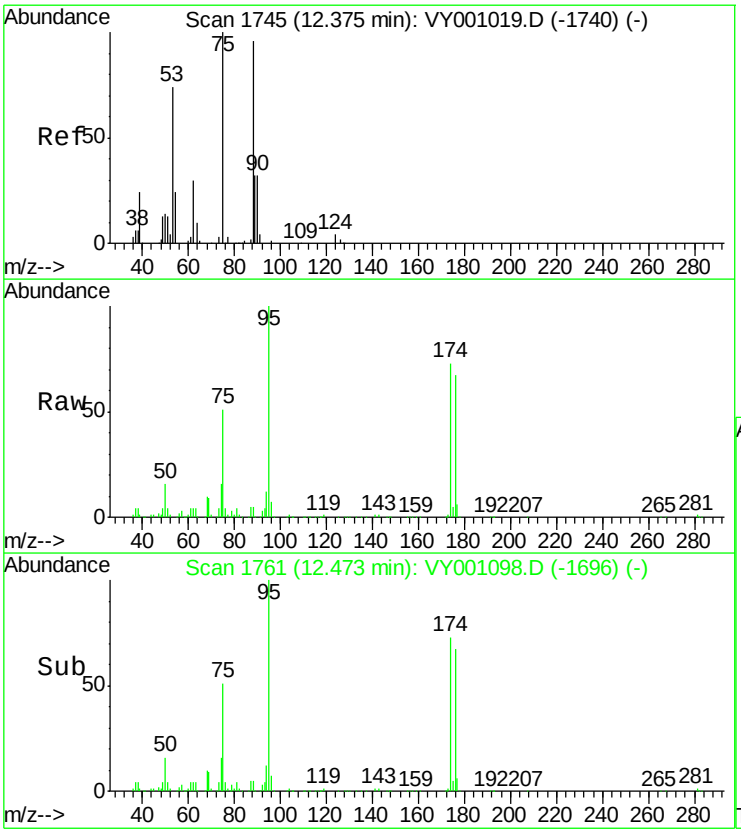
#76
1,2,3-Trichloropropane
Concen: 44.839 ug/l
RT: 12.47 min Scan# 1761
Delta R.T. -0.16 min
Lab File: VY001098.D
Acq: 27 Dec 2019 15:22

Instrument :
MSVOA_Y
ClientSampleId :
PH-2

Tgt Ion: 75 Resp: 65212

Ion	Ratio	Lower	Upper
75	100		
77	1.7	0.0	0.0#

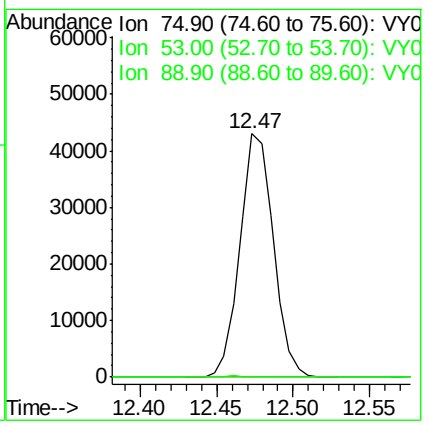


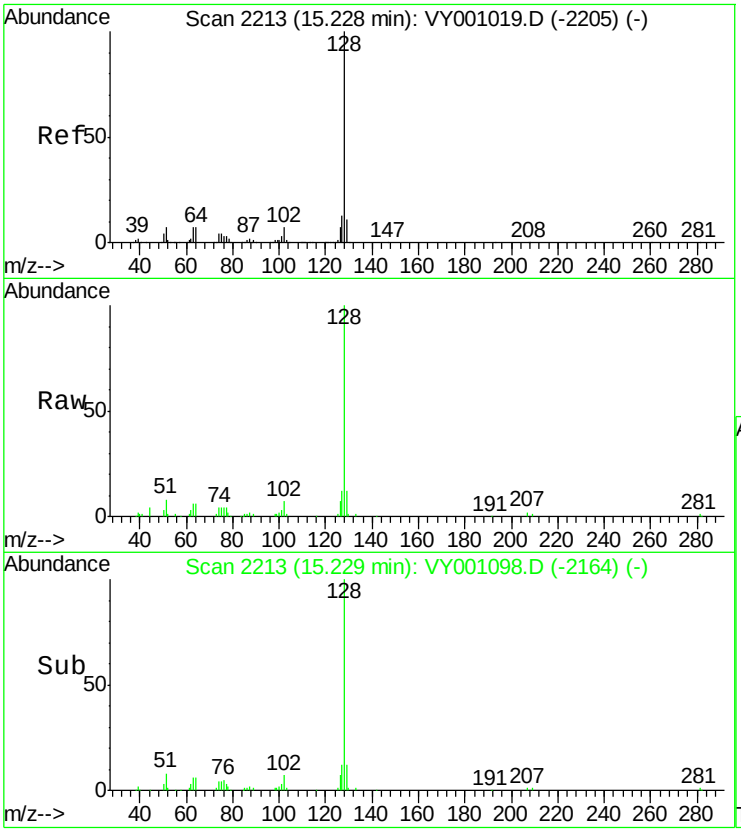


#81
trans-1,4-Dichloro-2-butene
Concen: 95.631 ug/l
RT: 12.47 min Scan# 1761
Delta R.T. 0.10 min
Lab File: VY001098.D
Acq: 27 Dec 2019 15:22

Tgt Ion: 75 Resp: 65212

Ion	Ratio	Lower	Upper
75	100		
53	0.0	60.6	91.0#
89	0.2	35.4	53.0#





#95
Naphthalene
Concen: 6.905 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY001098.D
Acq: 27 Dec 2019 15:22

Instrument :
MSVOA_Y
ClientSampleId :
PH-2

Tgt Ion:128 Resp: 39870

Ion	Ratio	Lower	Upper
128	100		
127	12.8	9.9	14.9
129	11.9	8.6	13.0