Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012020\
Data File : VY001302.D
Acq On : 20 Jan 2020 17:45
Operator : SY/MD
Sample : L1164-04
Misc : 6.56G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Jan 21 07:03:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 21 06:54:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	190031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	344530	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	294598	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	108020	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	107162	53.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.78%			
35) Dibromofluoromethane	7.75	113	101580	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.72%			
50) Toluene-d8	10.19	98	402997	51.85	ug/l	-0.01
Spiked Amount 50.000			Recovery = 103.70%			
62) 4-Bromofluorobenzene	12.49	95	129659	40.80	ug/l	-0.01
Spiked Amount 50.000			Recovery = 81.60%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.99	59	420	2.080	ug/l #	73
16) Acetone	3.98	43	8334	17.879	ug/l	95
20) Methylene Chloride	4.77	84	8282	Below Cal	#	94
25) 2-Butanone	7.03	43	2006	2.765	ug/l	96
31) Cyclohexane	7.82	56	4041	1.041	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	14470	4.608	ug/l #	48
37) Ethyl Acetate	7.03	43	2006	1.089	ug/l #	67
38) Carbon Tetrachloride	7.82	117	18890	6.564	ug/l #	16
68) m/p-Xylenes	11.70	106	11616	2.860	ug/l	100
69) o-Xylene	12.03	106	7501	1.926	ug/l	100
76) 1,2,3-Trichloropropane	12.49	75	65034	56.240	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.82	105	7762	1.146	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.49	75	65034	95.371	ug/l #	6
84) 1,2,4-Trimethylbenzene	13.13	105	25314	3.762	ug/l	100
95) Naphthalene	15.25	128	14524	3.002	ug/l	96

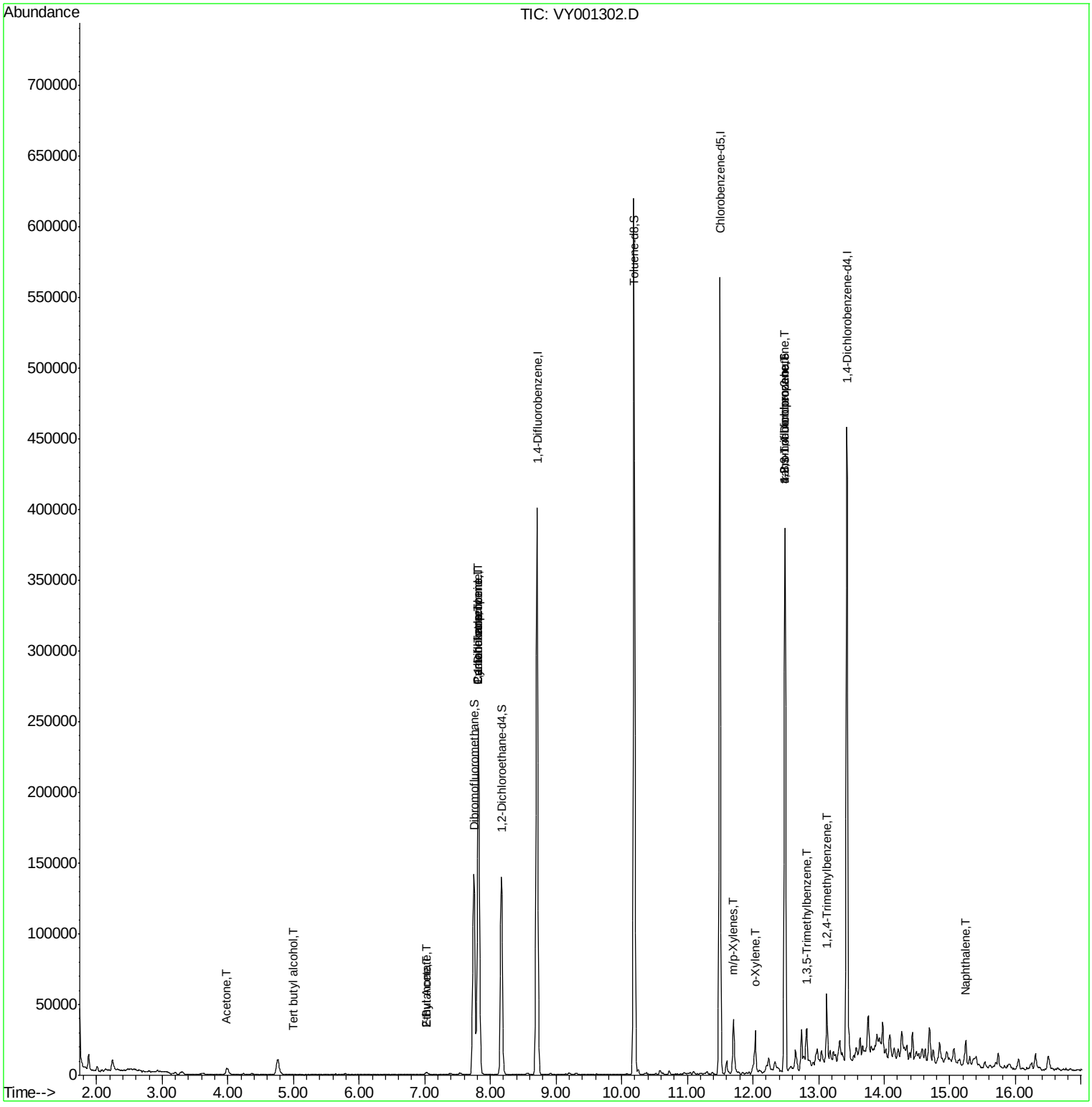
(#) = qualifier out of range (m) = manual integration (+) = signals summed

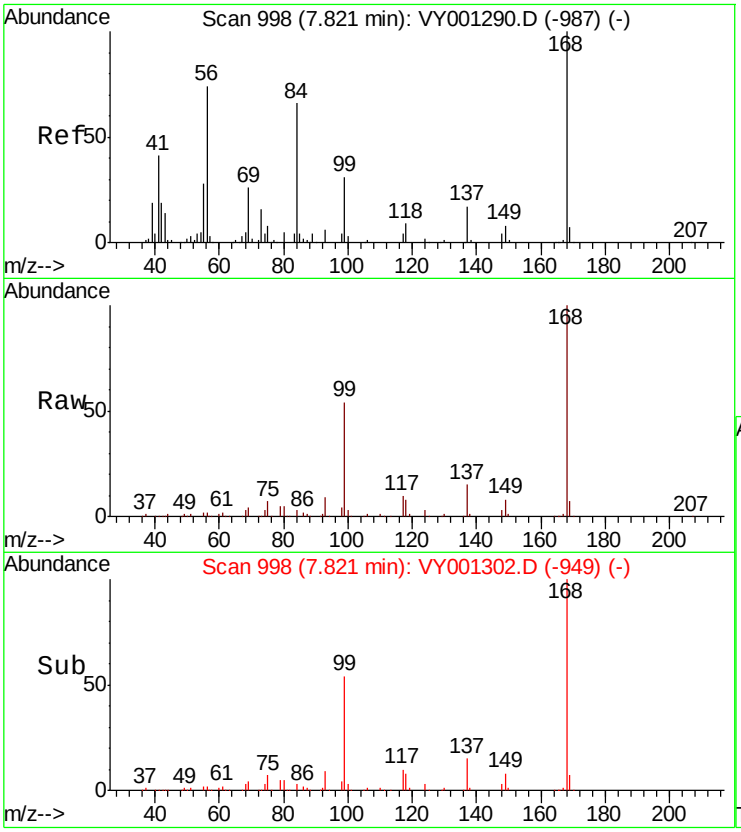
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012020\
Data File : VY001302.D
Acq On : 20 Jan 2020 17:45
Operator : SY/MD
Sample : L1164-04
Misc : 6.56G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 21 07:03:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 21 06:54:04 2020
Response via : Initial Calibration



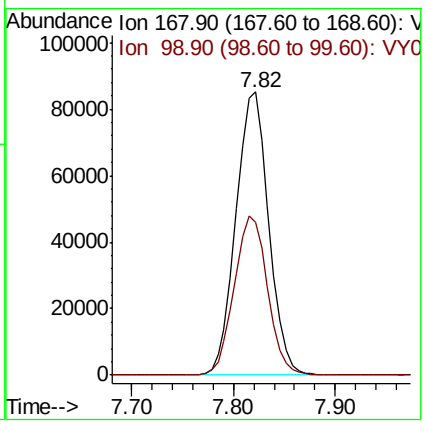


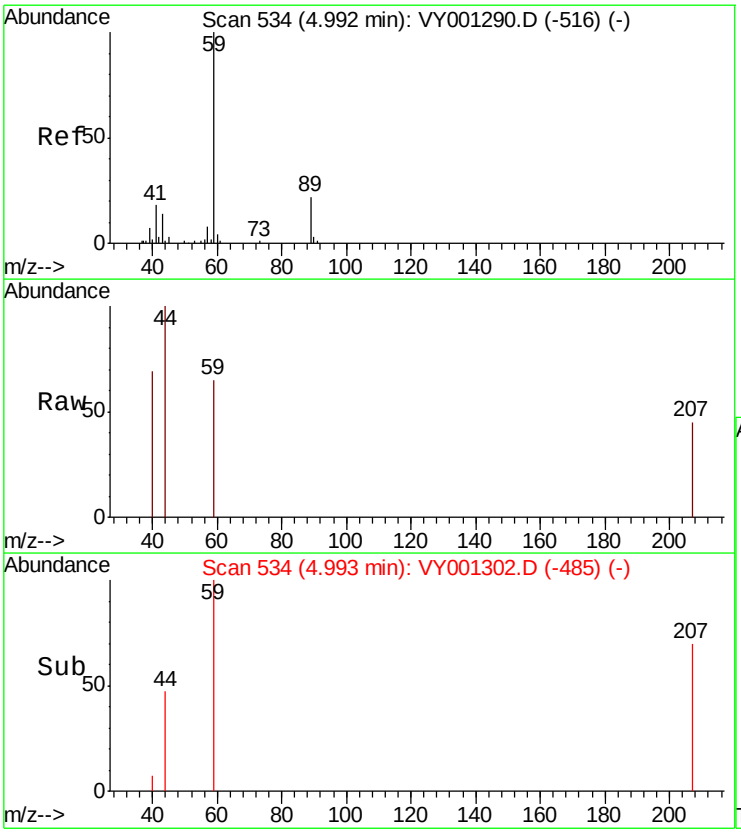
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.00 min
Lab File: VY001302.D
Acq: 20 Jan 2020 17:45

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 190031

Ion	Ratio	Lower	Upper
168	100		
99	53.8	47.9	71.9

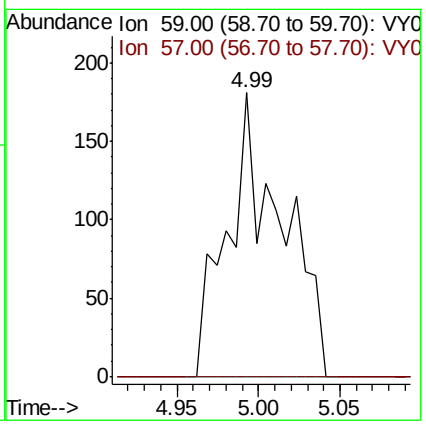


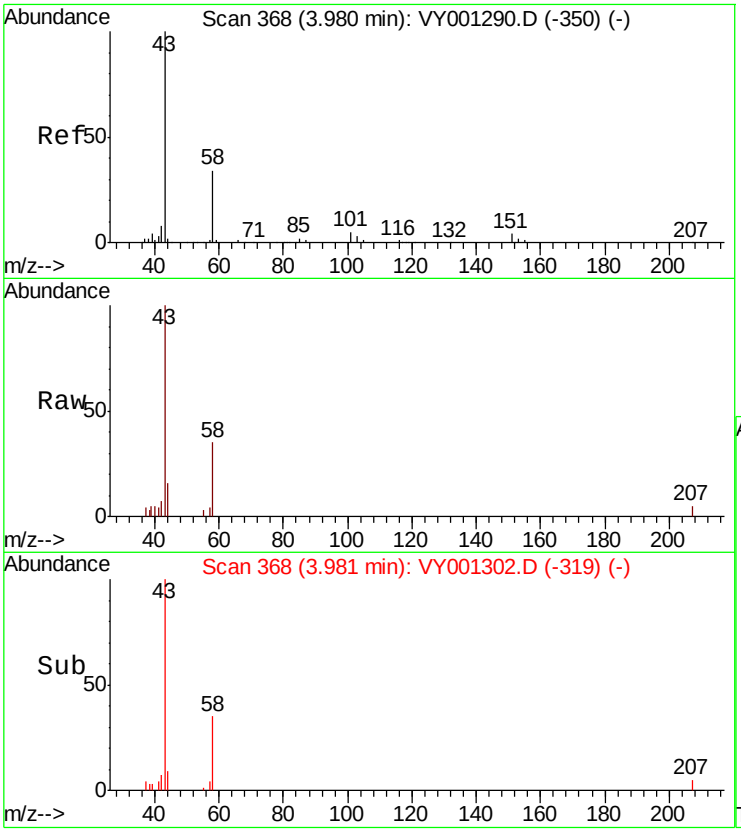


#11
Tert butyl alcohol
Concen: 2.080 ug/l
RT: 4.99 min Scan# 534
Delta R.T. 0.00 min
Lab File: VY001302.D
Acq: 20 Jan 2020 17:45

Tgt Ion: 59 Resp: 420

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#



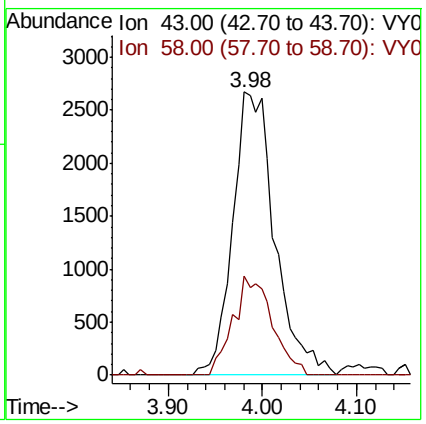


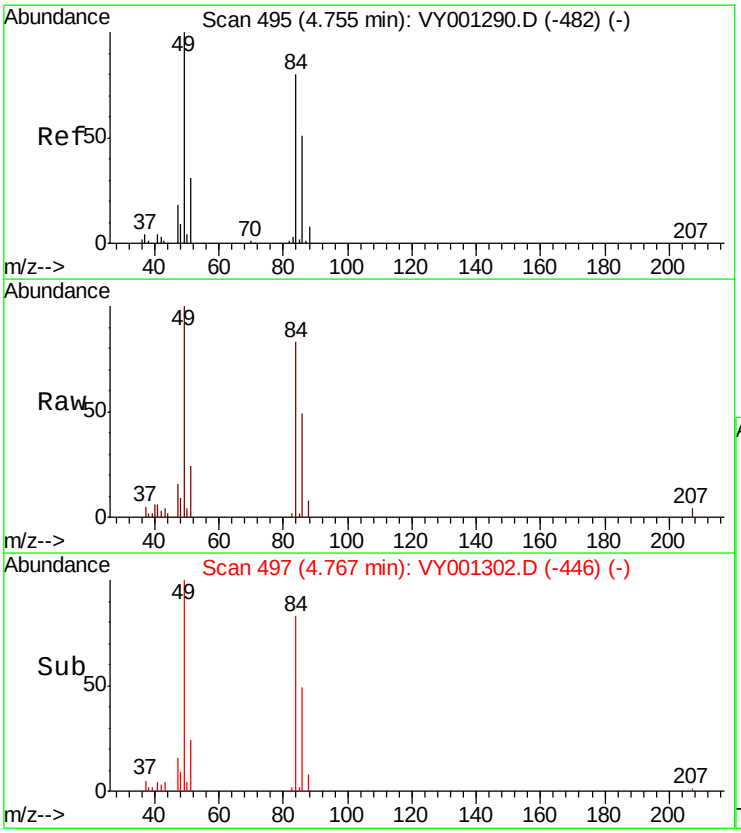
#16
Acetone
Concen: 17.879 ug/l
RT: 3.98 min Scan# 368
Delta R.T. 0.00 min
Lab File: VY001302.D
Acq: 20 Jan 2020 17:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 8334

Ion	Ratio	Lower	Upper
43	100		
58	34.9	25.8	38.6

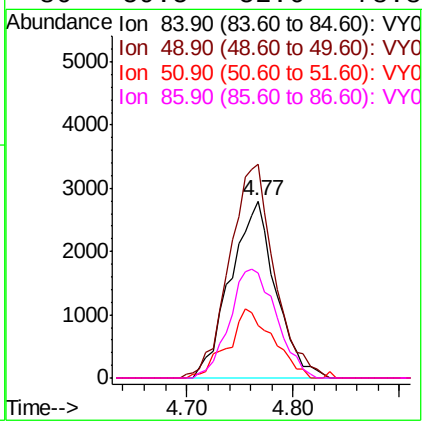


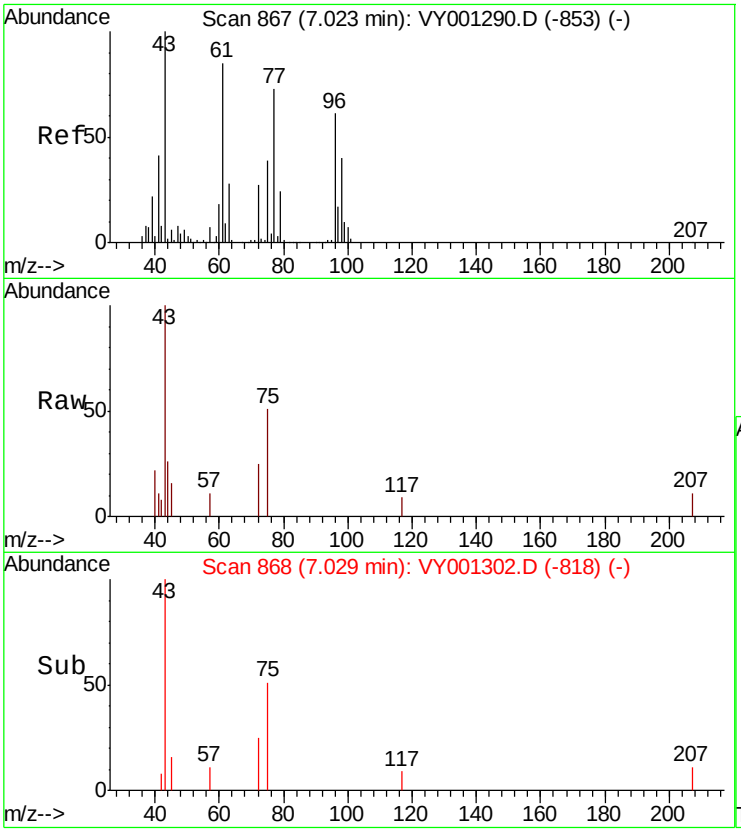


#20
Methylene Chloride
Concen: Below Cal
RT: 4.77 min Scan# 497
Delta R.T. 0.01 min
Lab File: VY001302.D
Acq: 20 Jan 2020 17:45

Tgt Ion: 84 Resp: 8282

Ion	Ratio	Lower	Upper
84	100		
49	120.9	93.8	140.6
51	29.5	29.9	44.9#
86	59.5	52.6	78.8



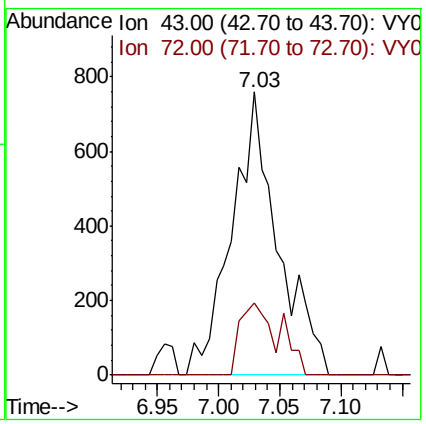


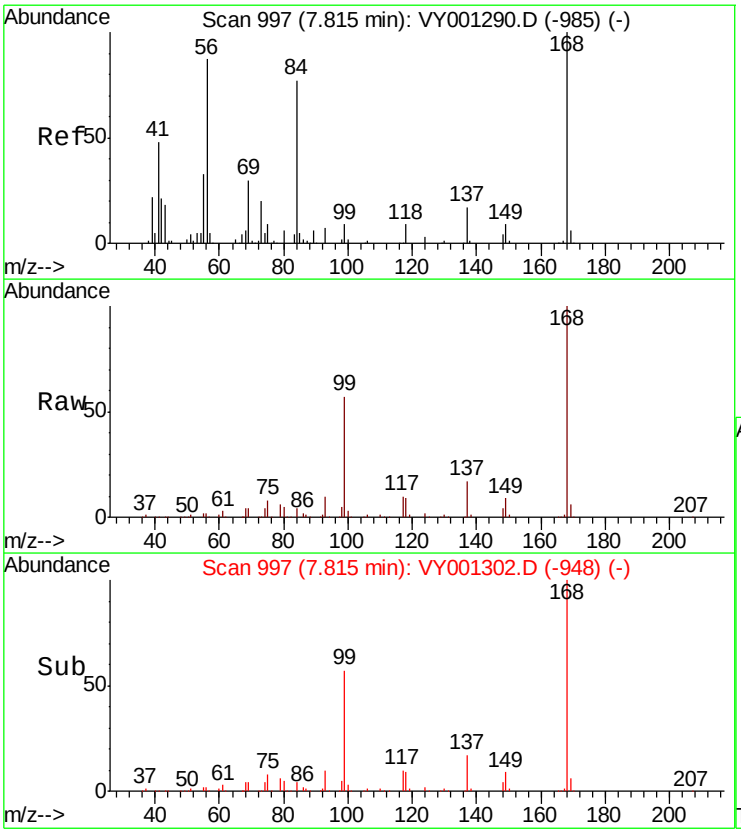
#25
2-Butanone
Concen: 2.765 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.01 min
Lab File: VY001302.D
Acq: 20 Jan 2020 17:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 2006

Ion	Ratio	Lower	Upper
43	100		
72	25.4	22.2	33.2

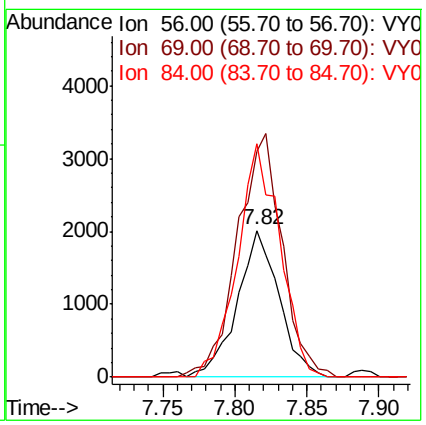


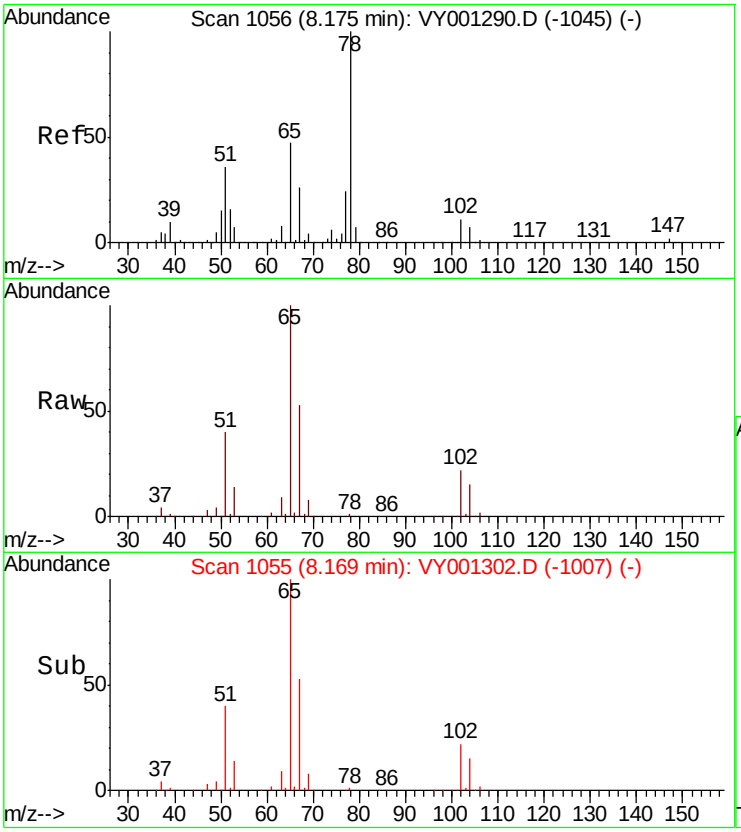


#31
Cyclohexane
Concen: 1.041 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.00 min
Lab File: VY001302.D
Acq: 20 Jan 2020 17:45

Tgt Ion: 56 Resp: 4041

Ion	Ratio	Lower	Upper
56	100		
69	153.9	27.8	41.8#
84	158.9	68.9	103.3#



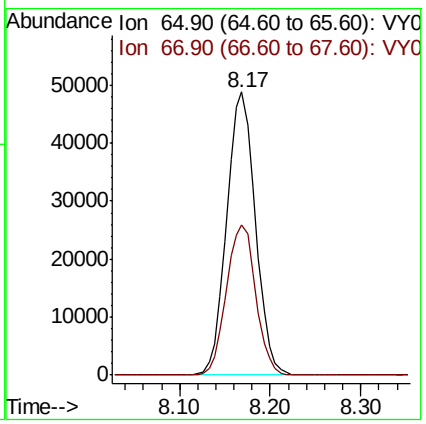


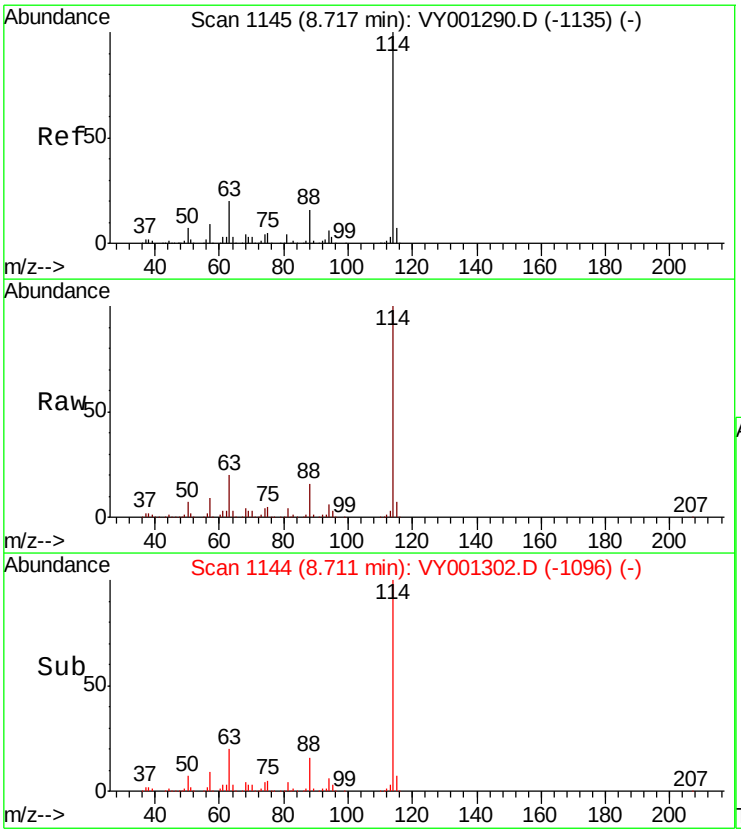
#33
1,2-Dichloroethane-d4
Concen: 53.393 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY001302.D
Acq: 20 Jan 2020 17:45

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 107162

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	105.2

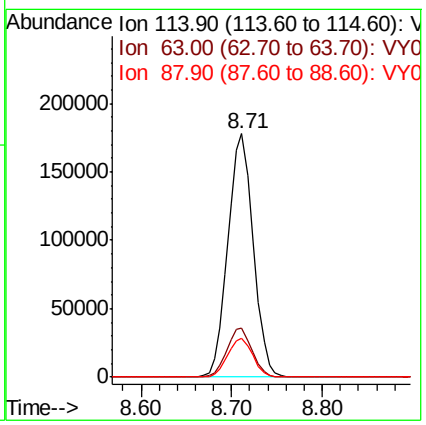


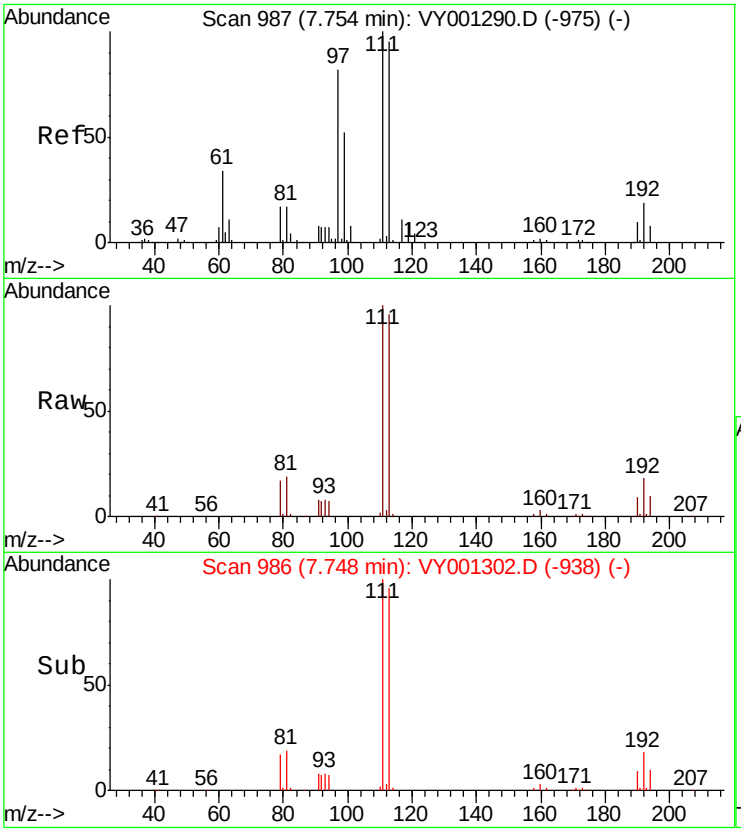


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1144
Delta R.T. -0.01 min
Lab File: VY001302.D
Acq: 20 Jan 2020 17:45

Tgt Ion:114 Resp: 344530

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.8
88	15.8	0.0	32.4



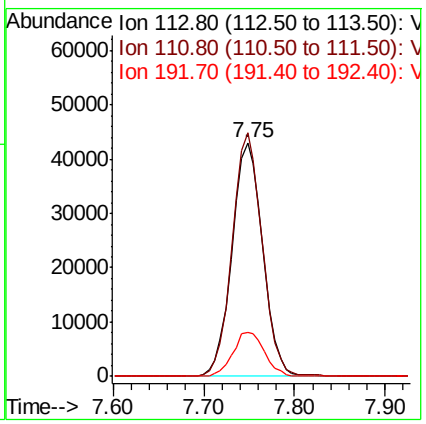


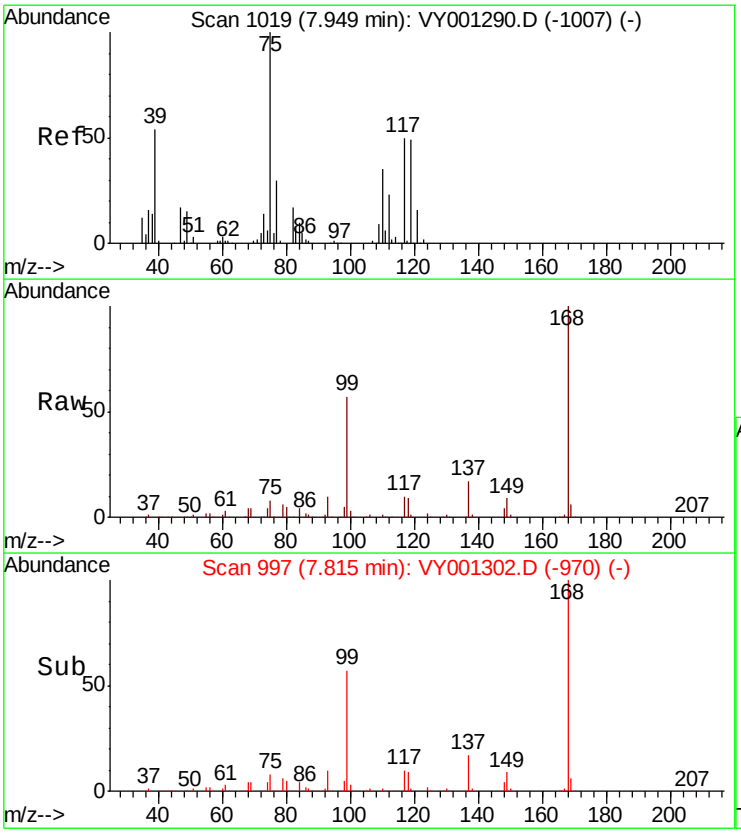
#35
Dibromofluoromethane
Concen: 50.356 ug/l
RT: 7.75 min Scan# 986
Delta R.T. -0.01 min
Lab File: VY001302.D
Acq: 20 Jan 2020 17:45

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 101580

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.9	124.3
192	19.4	15.4	23.2

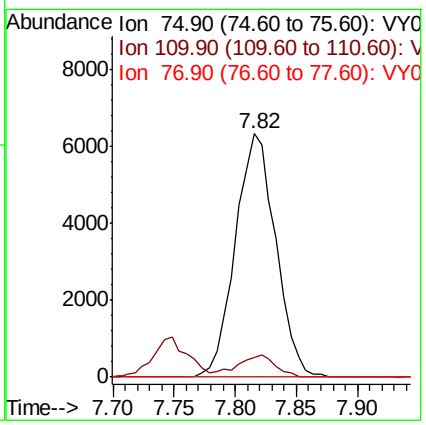


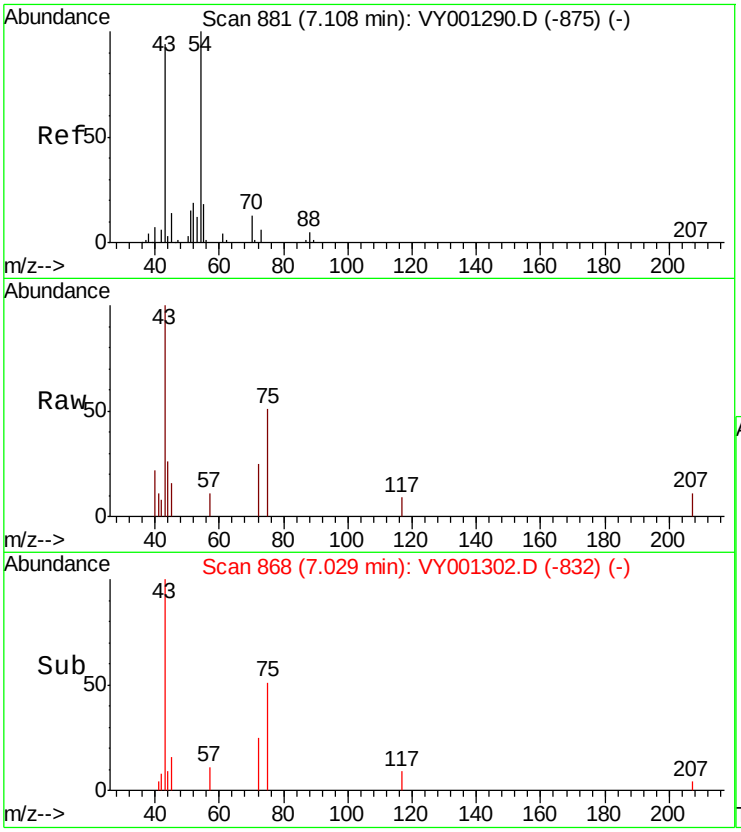


#36
1,1-Dichloropropene
Concen: 4.608 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.13 min
Lab File: VY001302.D
Acq: 20 Jan 2020 17:45

Tgt Ion: 75 Resp: 14470

Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.3	54.8#
77	0.0	25.1	37.7#



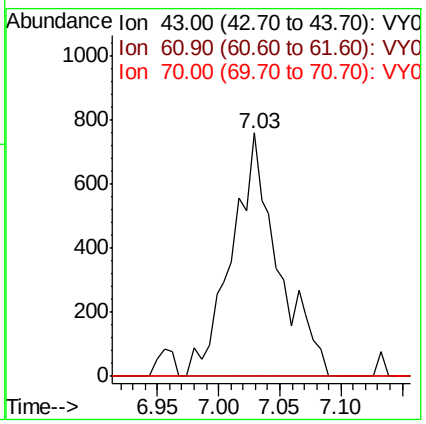


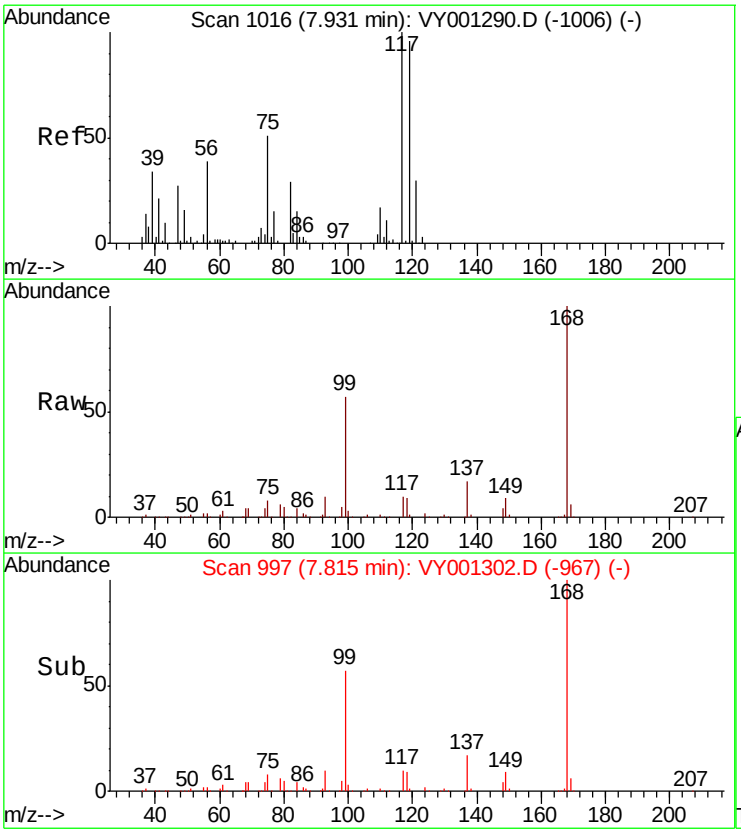
#37
Ethyl Acetate
Concen: 1.089 ug/l
RT: 7.03 min Scan# 868
Delta R.T. -0.08 min
Lab File: VY001302.D
Acq: 20 Jan 2020 17:45

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 2006

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.1	16.7#
70	0.0	9.7	14.5#

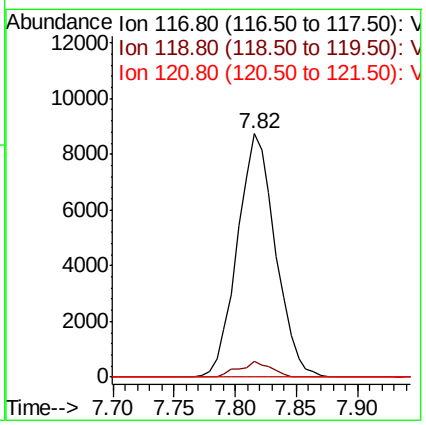


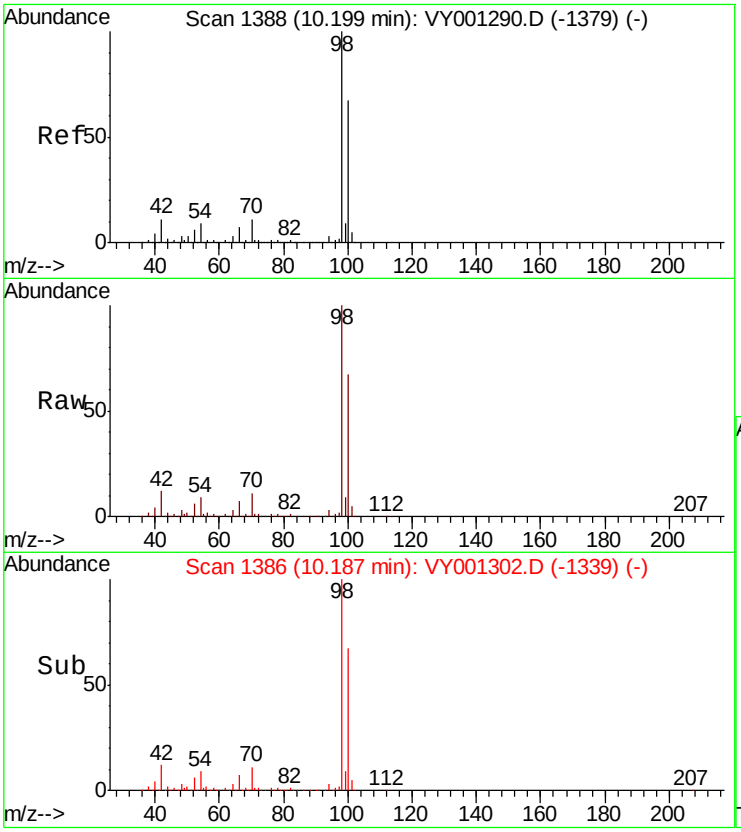


#38
Carbon Tetrachloride
Concen: 6.564 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.12 min
Lab File: VY001302.D
Acq: 20 Jan 2020 17:45

Tgt Ion:117 Resp: 18890

Ion	Ratio	Lower	Upper
117	100		
119	6.5	78.3	117.5#
121	0.0	23.5	35.3#



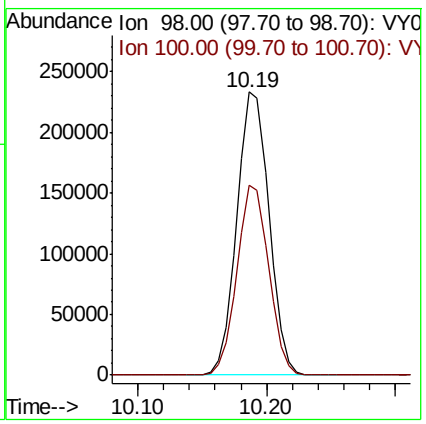


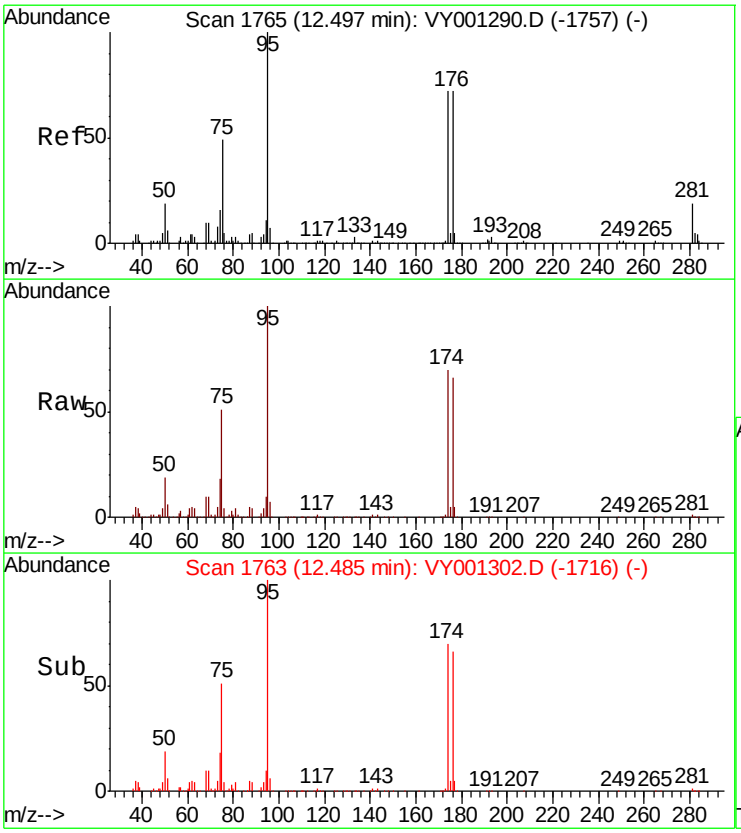
#50
Toluene-d8
Concen: 51.848 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY001302.D
Acq: 20 Jan 2020 17:45

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 402997

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.1	79.7

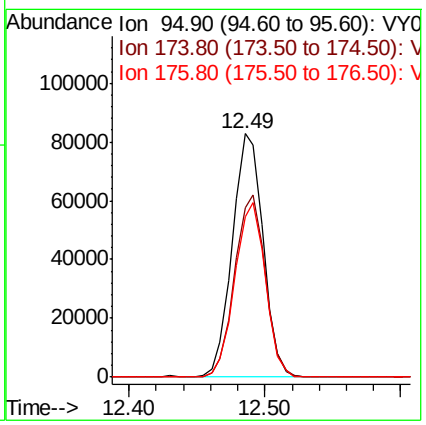


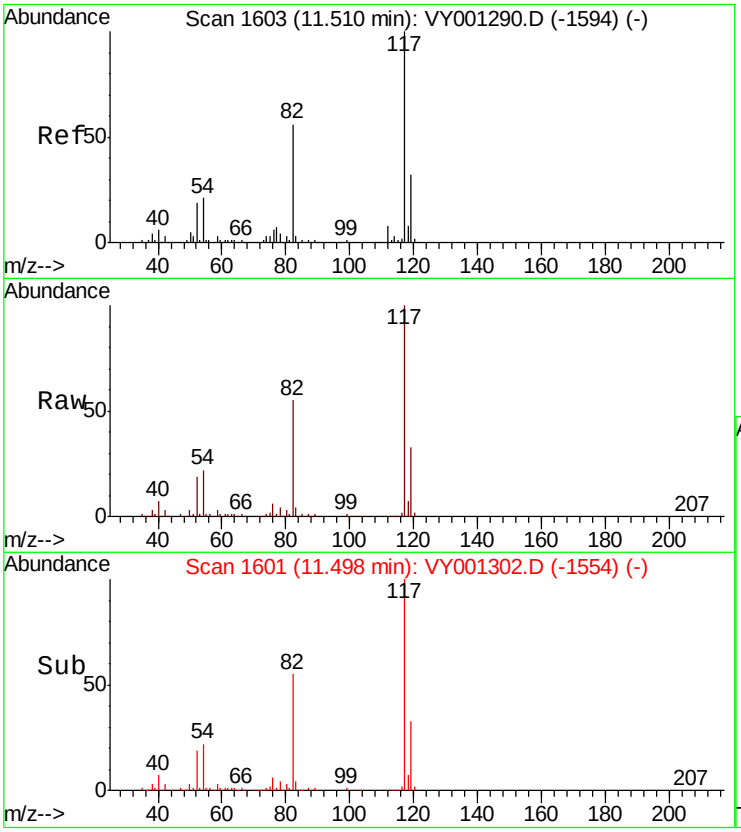


#62
4-Bromofluorobenzene
Concen: 40.803 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001302.D
Acq: 20 Jan 2020 17:45

Tgt Ion: 95 Resp: 129659

Ion	Ratio	Lower	Upper
95	100		
174	74.8	0.0	143.2
176	71.5	0.0	136.0



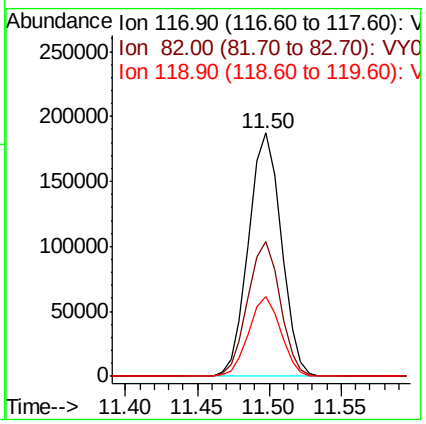


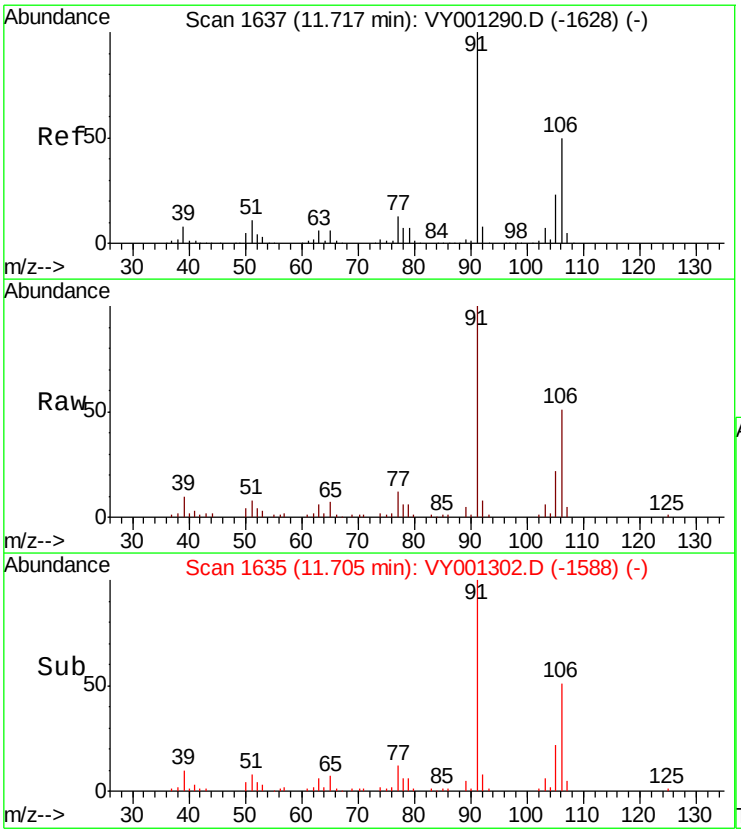
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001302.D
Acq: 20 Jan 2020 17:45

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 294598

Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.9	67.3
119	32.6	25.7	38.5

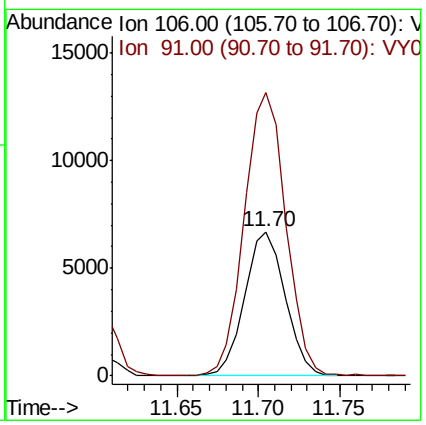


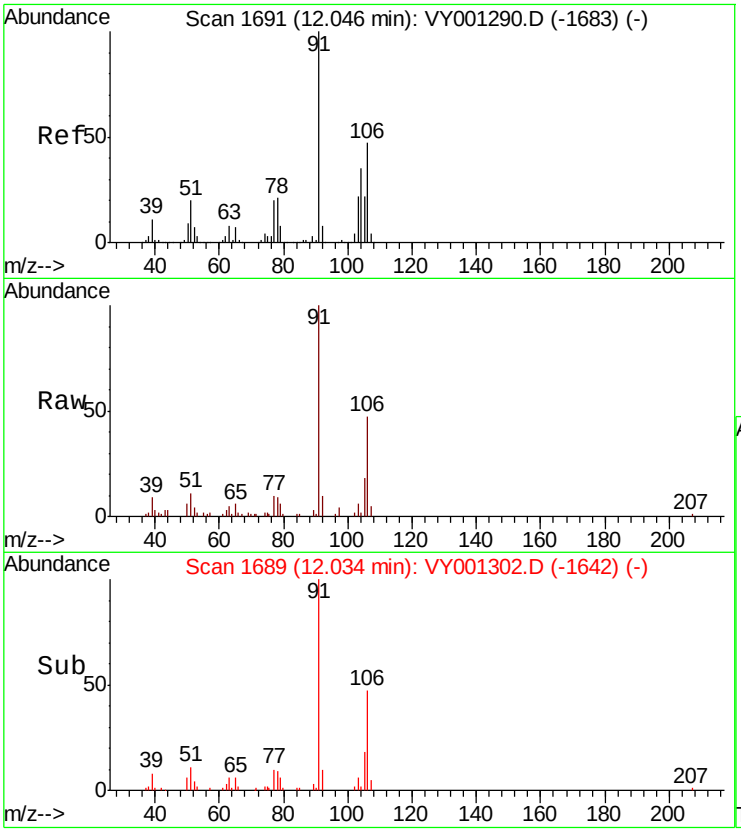


#68
m/p-Xylenes
Concen: 2.860 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001302.D
Acq: 20 Jan 2020 17:45

Tgt Ion:106 Resp: 11616

Ion	Ratio	Lower	Upper
106	100		
91	201.4	161.4	242.2



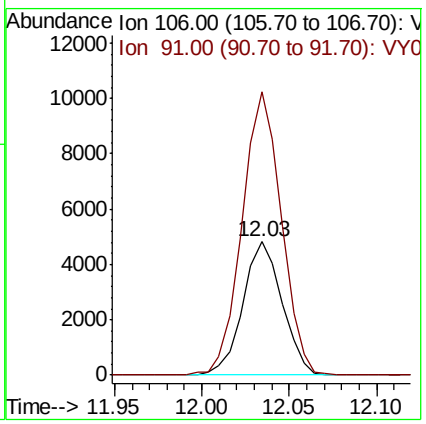


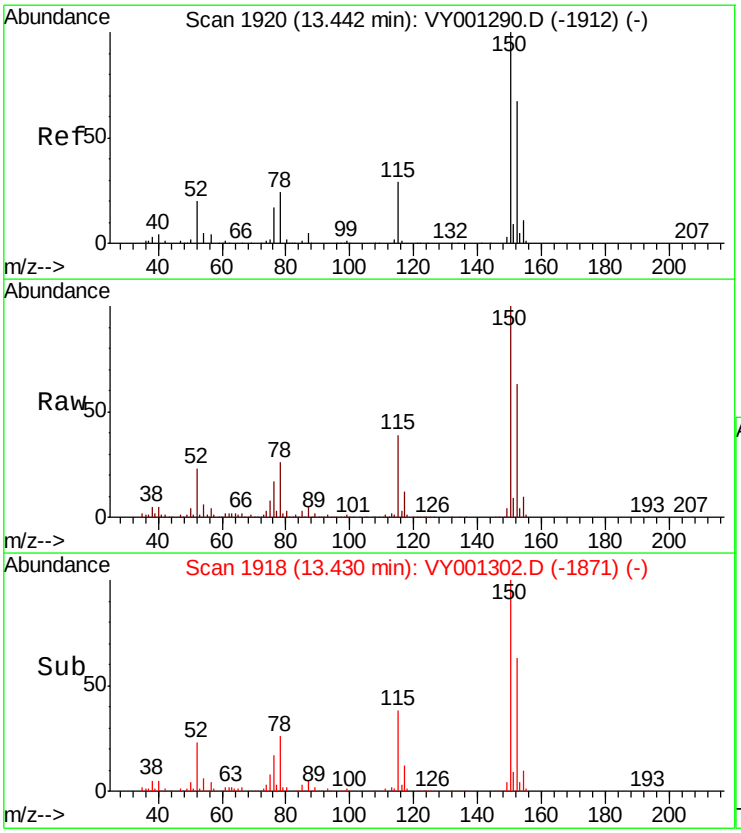
#69
o-Xylene
Concen: 1.926 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001302.D
Acq: 20 Jan 2020 17:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:106 Resp: 7501

Ion	Ratio	Lower	Upper
106	100		
91	212.9	106.3	318.8

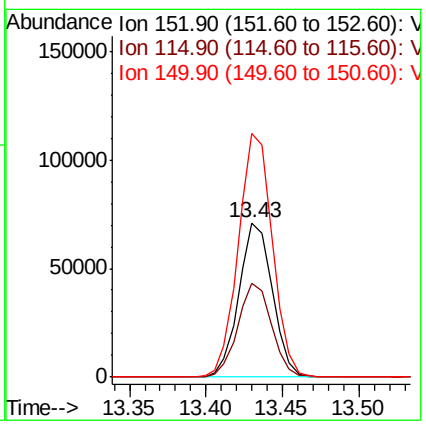


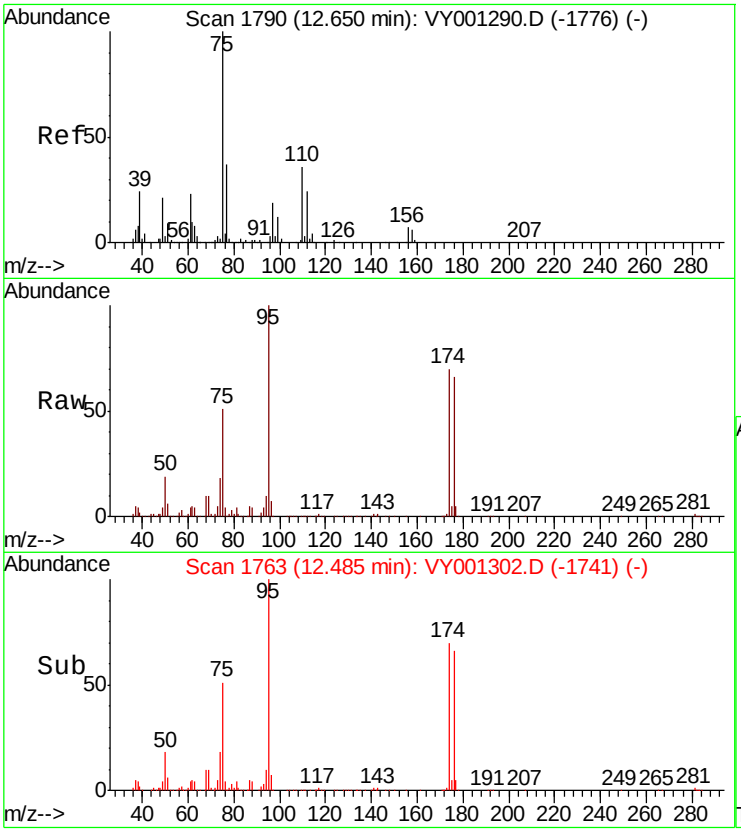


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001302.D
Acq: 20 Jan 2020 17:45

Tgt Ion:152 Resp: 108020

Ion	Ratio	Lower	Upper
152	100		
115	61.3	30.9	92.5
150	160.2	0.0	346.8



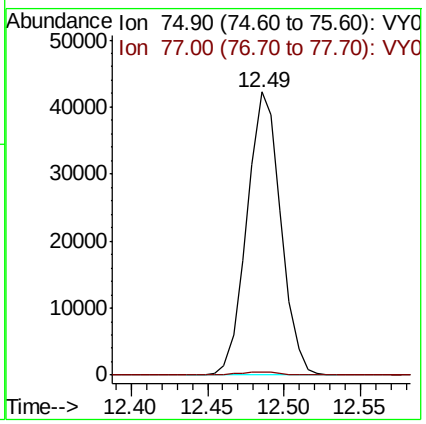


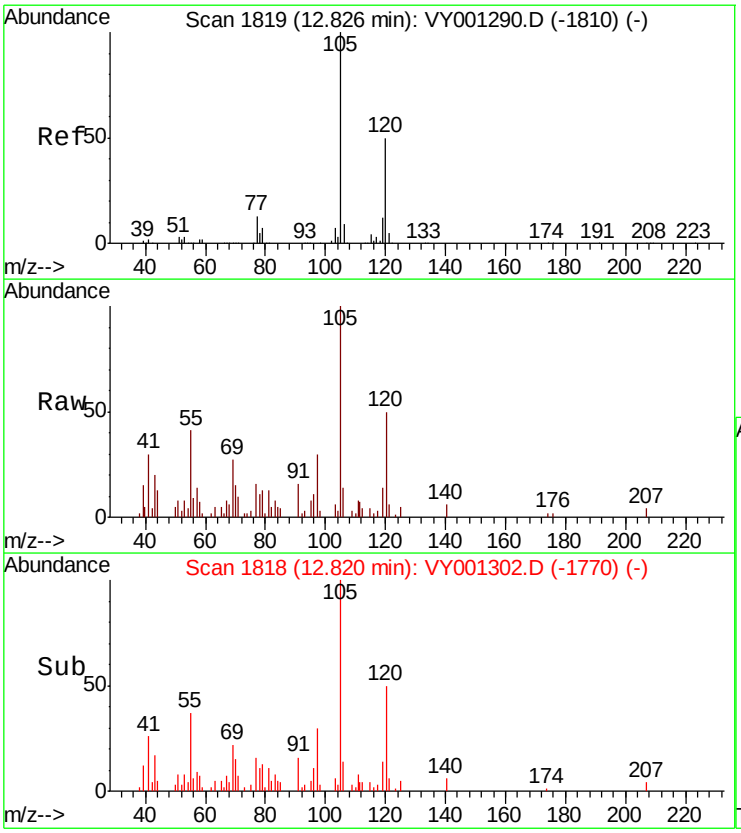
#76
1,2,3-Trichloropropane
Concen: 56.240 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.16 min
Lab File: VY001302.D
Acq: 20 Jan 2020 17:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 65034

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

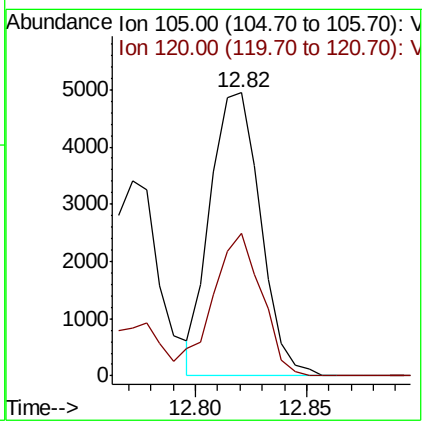


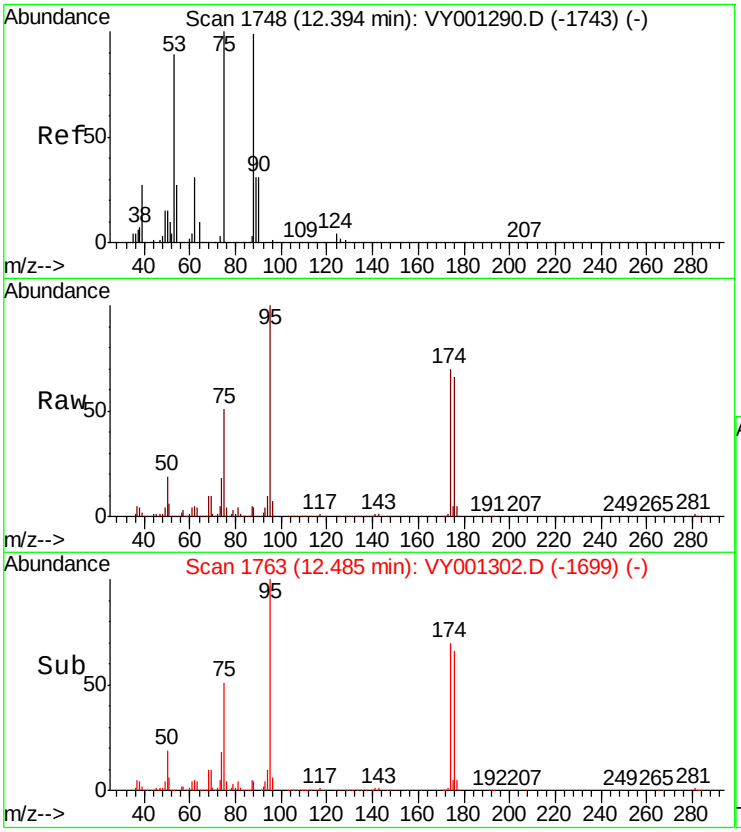


#80
1,3,5-Trimethylbenzene
Concen: 1.146 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VY001302.D
Acq: 20 Jan 2020 17:45

Tgt Ion:105 Resp: 7762

Ion	Ratio	Lower	Upper
105	100		
120	49.2	24.2	72.6



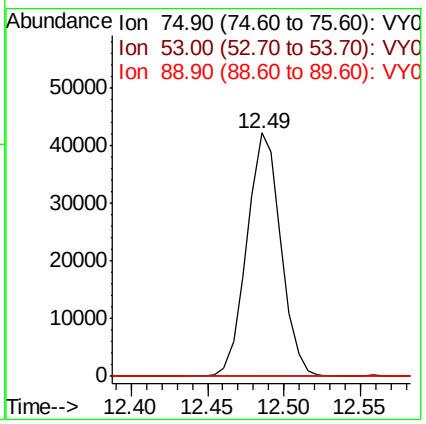


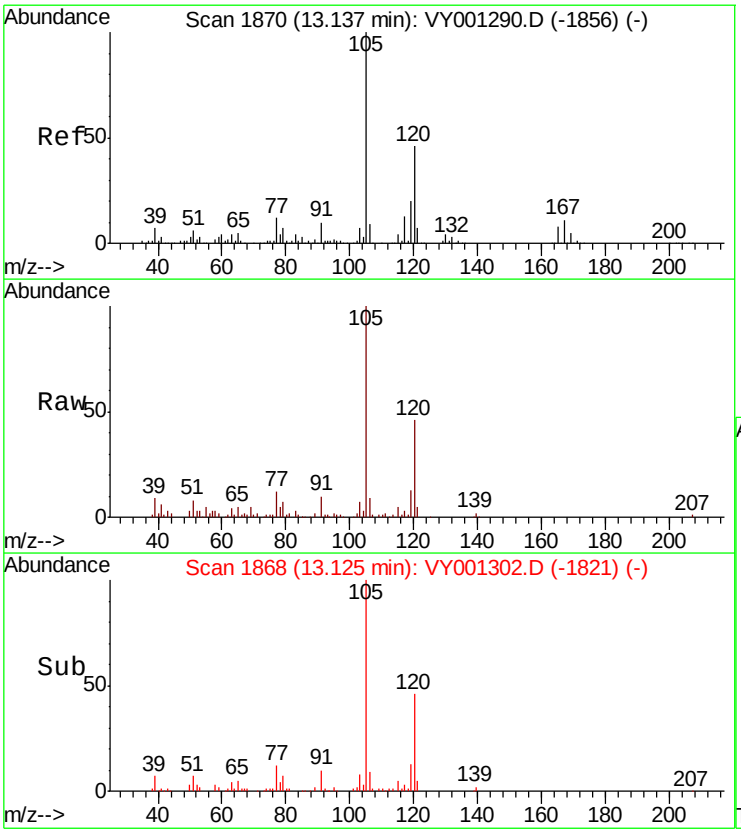
#81
trans-1,4-Dichloro-2-butene
Concen: 95.371 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.09 min
Lab File: VY001302.D
Acq: 20 Jan 2020 17:45

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 65034

Ion	Ratio	Lower	Upper
75	100		
53	0.1	69.4	104.2#
89	0.0	0.0	0.0

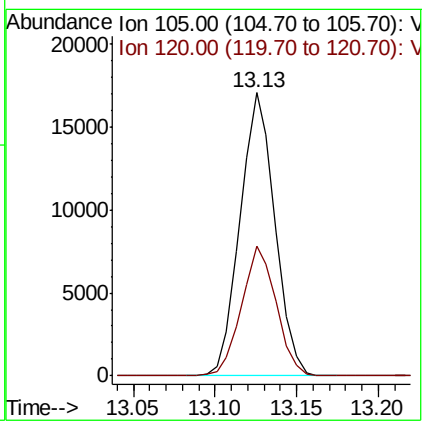


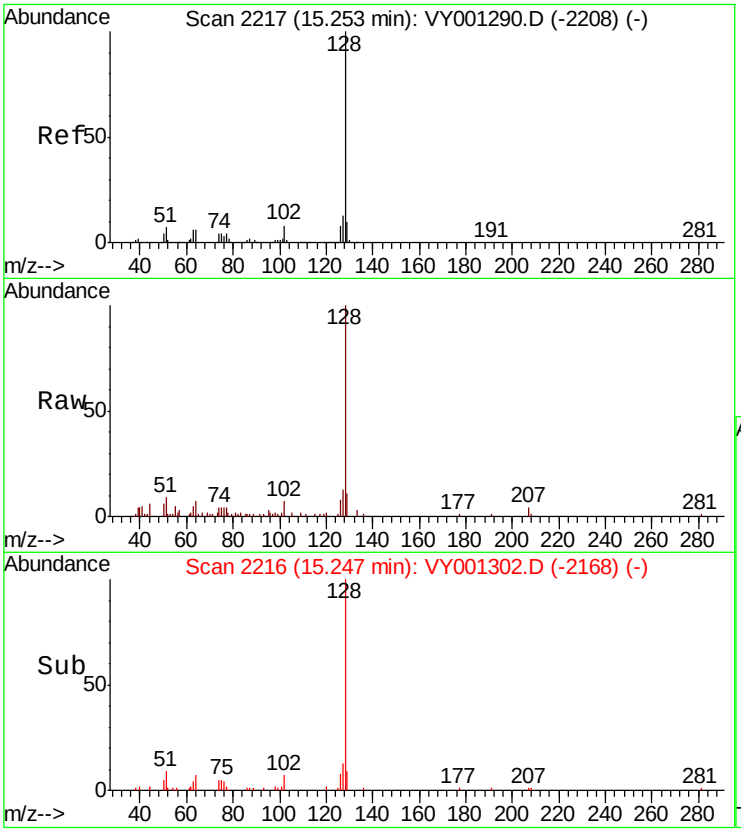


#84
1,2,4-Trimethylbenzene
Concen: 3.762 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.01 min
Lab File: VY001302.D
Acq: 20 Jan 2020 17:45

Tgt Ion:105 Resp: 25314

Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.8	68.3





#95
Naphthalene
Concen: 3.002 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.01 min
Lab File: VY001302.D
Acq: 20 Jan 2020 17:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 14524

Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.2	15.4
129	12.4	8.5	12.7