Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012020\
Data File : VY001295.D
Acq On : 20 Jan 2020 15:04
Operator : SY/MD
Sample : L1171-02RE
Misc : 5.35G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Jan 21 07:02:03 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	234197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	434824	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	389611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	189918	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	135780	54.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.78%			
35) Dibromofluoromethane	7.75	113	130501	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.52%			
50) Toluene-d8	10.20	98	513774	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.74%			
62) 4-Bromofluorobenzene	12.49	95	201882	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.68%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.01	59	653	2.624	ug/l #	81
13) Acrolein	3.77	56	235	1.049	ug/l #	70
16) Acetone	3.98	43	7307	12.720	ug/l	97
20) Methylene Chloride	4.76	84	20828	2.537	ug/l	96
25) 2-Butanone	7.02	43	3895	4.357	ug/l	94
31) Cyclohexane	7.82	56	4870	1.018	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	18503	4.669	ug/l #	48
37) Ethyl Acetate	7.02	43	3895	1.675	ug/l #	60
38) Carbon Tetrachloride	7.82	117	23351	6.429	ug/l #	15
51) 4-Methyl-2-Pentanone	10.09	43	2464	1.092	ug/l	93
74) N-amyl acetate	12.24	43	61728	13.854	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	12.56	83	7178	2.390	ug/l #	71
76) 1,2,3-Trichloropropane	12.49	75	93348	45.914	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	93348	77.861	ug/l #	7
90) Hexachloroethane	13.98	117	2965	1.214	ug/l #	18
95) Naphthalene	15.25	128	9786	1.151	ug/l #	66

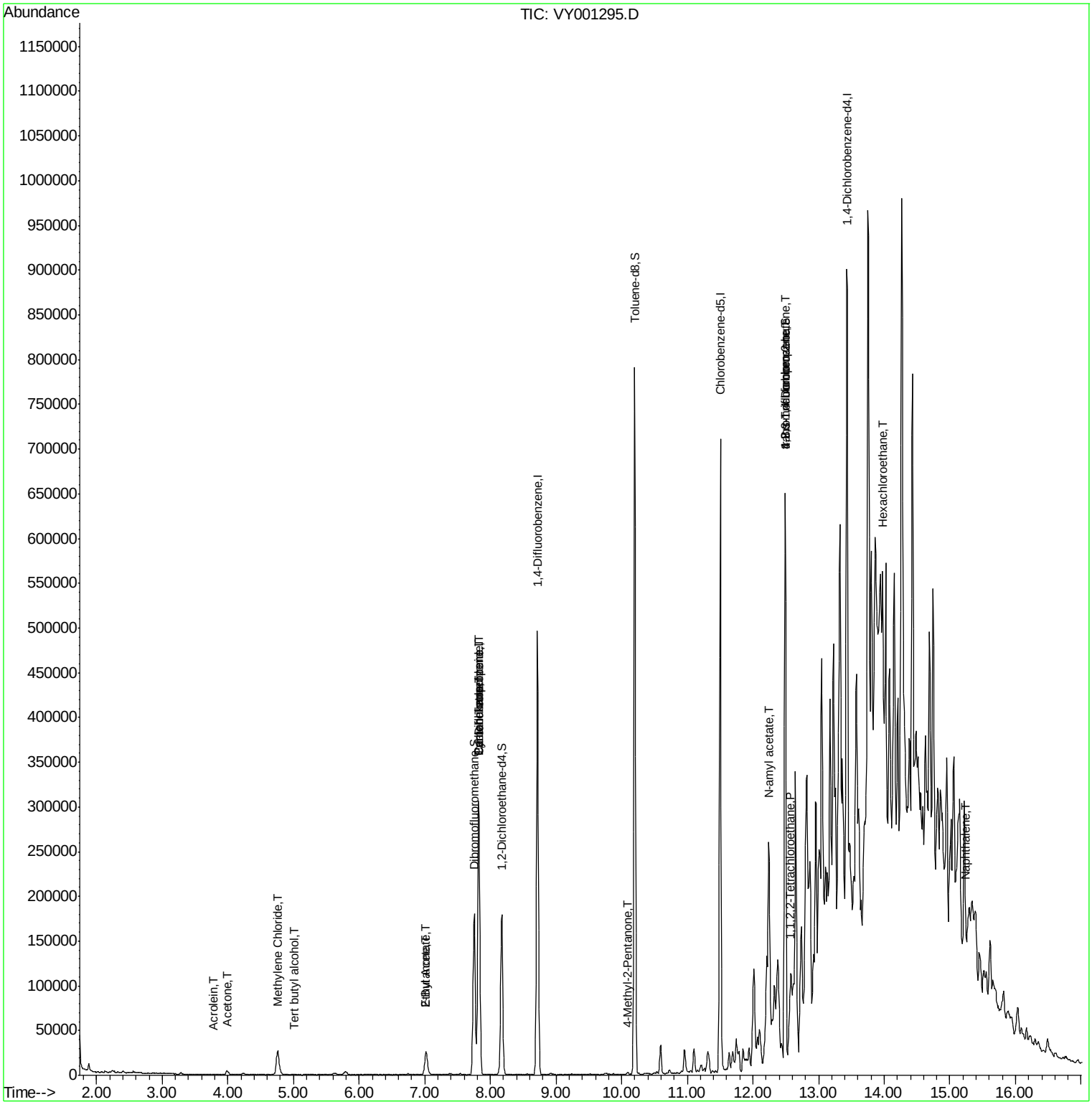
(#) = qualifier out of range (m) = manual integration (+) = signals summed

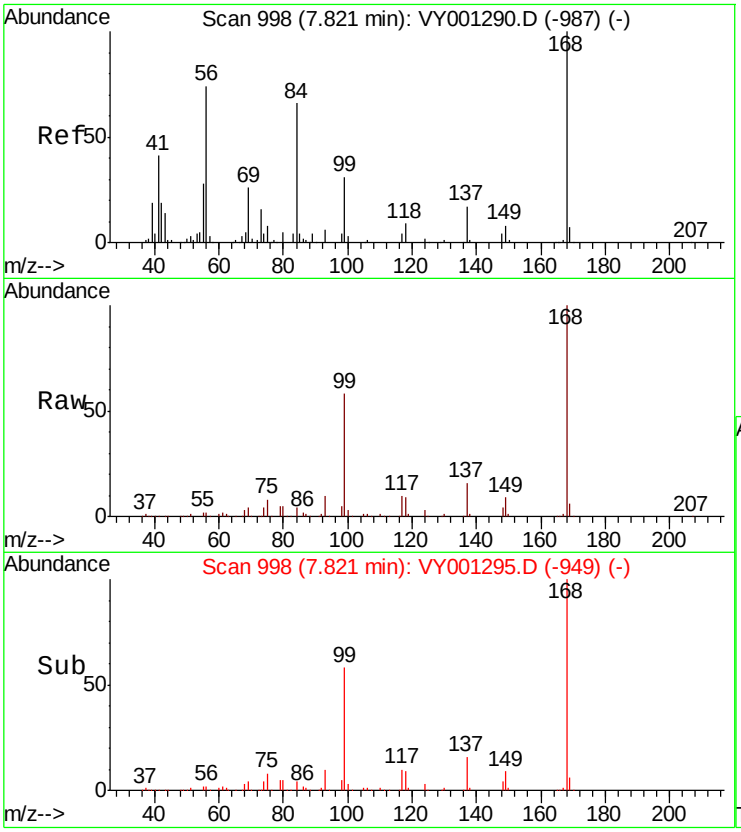
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012020\
Data File : VY001295.D
Acq On : 20 Jan 2020 15:04
Operator : SY/MD
Sample : L1171-02RE
Misc : 5.35G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 21 07:02:03 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



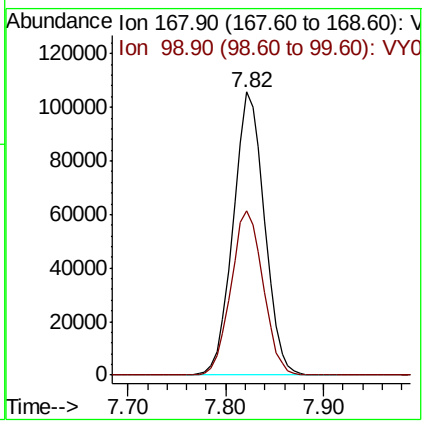


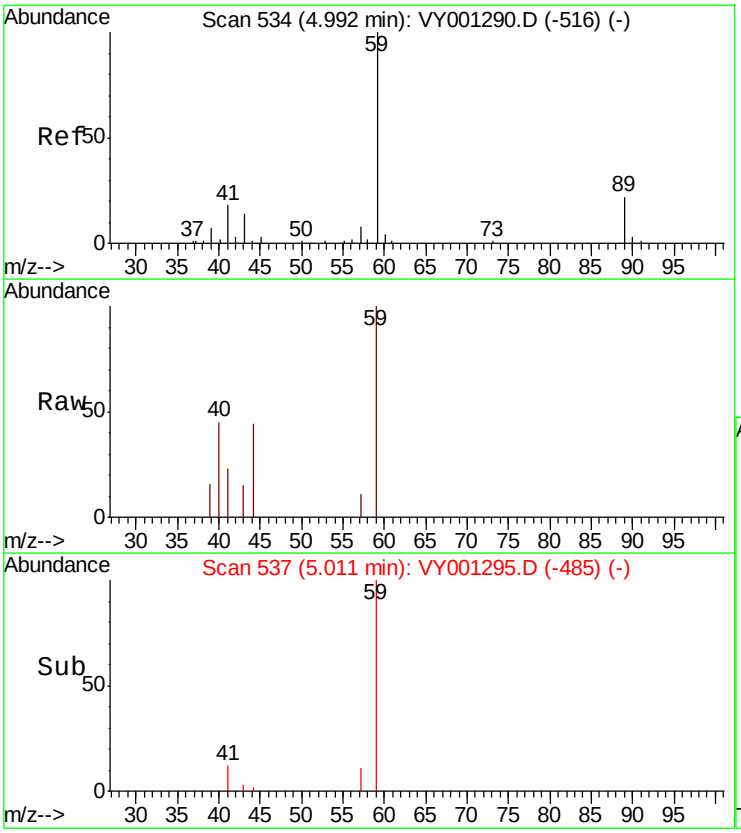
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.00 min
Lab File: VY001295.D
Acq: 20 Jan 2020 15:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 234197

Ion	Ratio	Lower	Upper
168	100		
99	58.0	47.9	71.9

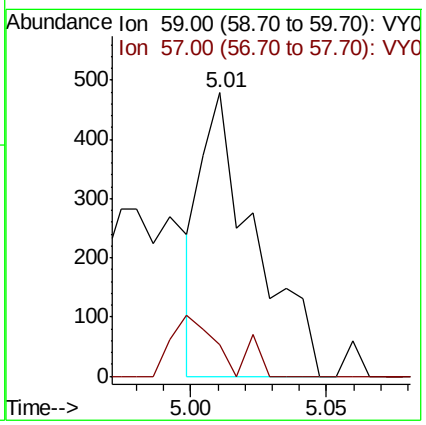


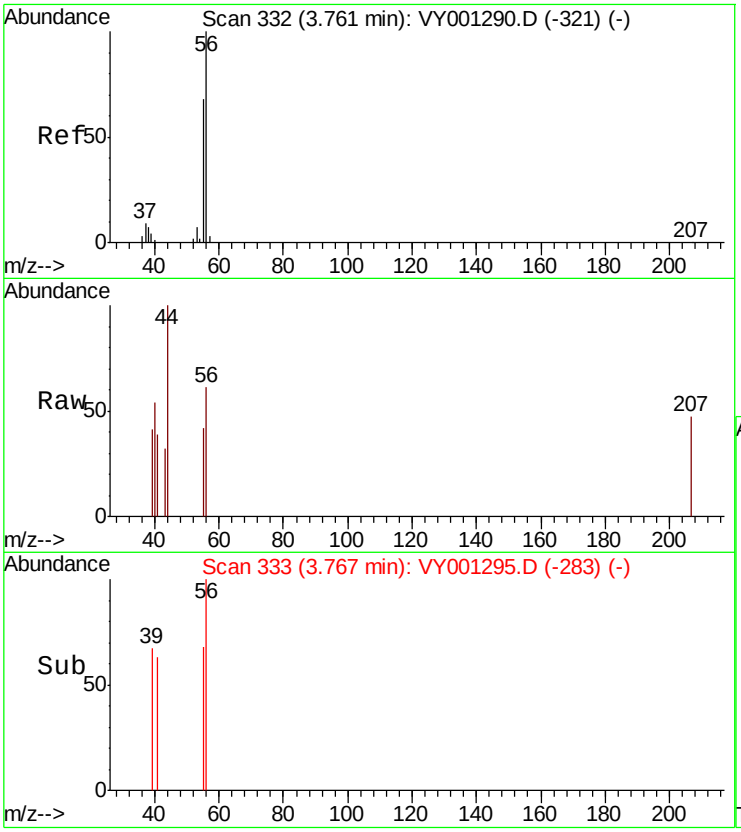


#11
Tert butyl alcohol
Concen: 2.624 ug/l
RT: 5.01 min Scan# 537
Delta R.T. 0.02 min
Lab File: VY001295.D
Acq: 20 Jan 2020 15:04

Tgt Ion: 59 Resp: 653

Ion	Ratio	Lower	Upper
59	100		
57	16.7	7.8	11.8#



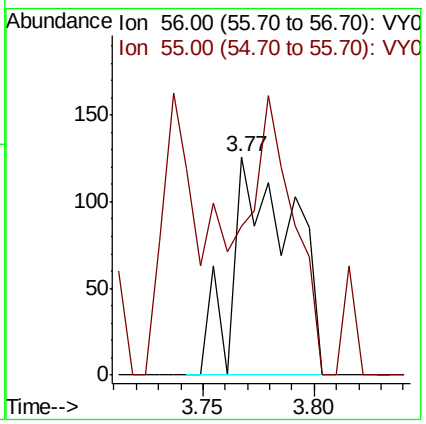


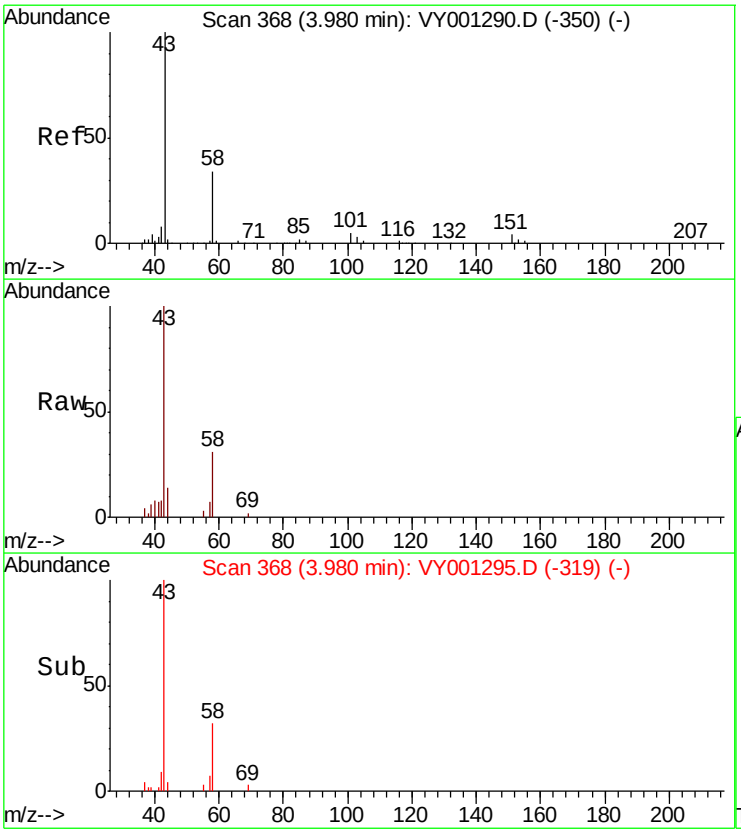
#13
Acrolein
Concen: 1.049 ug/l
RT: 3.77 min Scan# 333
Delta R.T. 0.01 min
Lab File: VY001295.D
Acq: 20 Jan 2020 15:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 235

Ion	Ratio	Lower	Upper
56	100		
55	95.7	56.7	85.1#

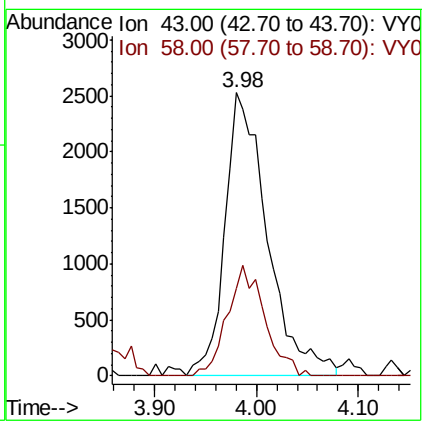


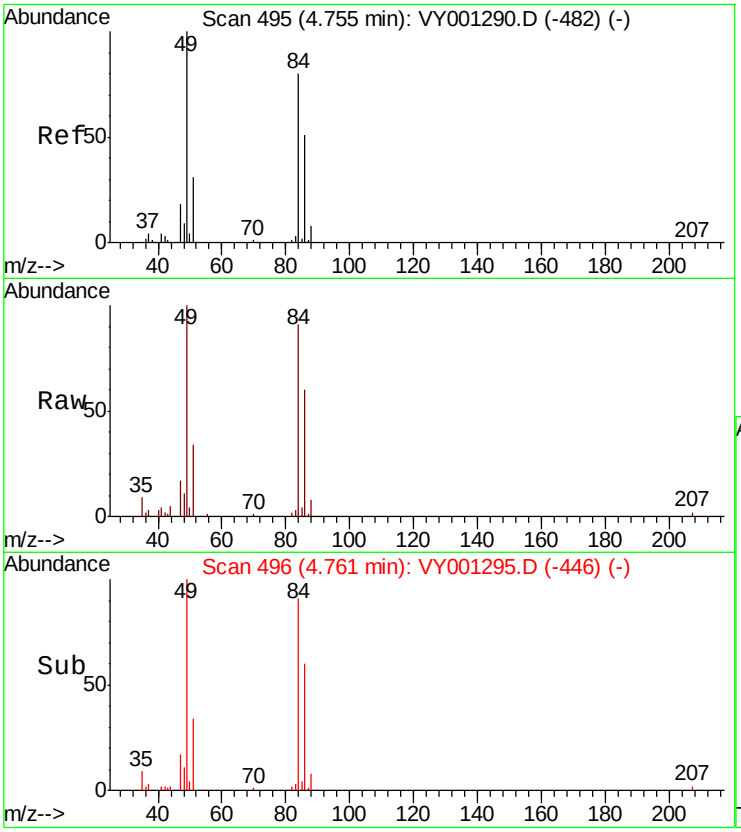


#16
Acetone
Concen: 12.720 ug/l
RT: 3.98 min Scan# 368
Delta R.T. 0.00 min
Lab File: VY001295.D
Acq: 20 Jan 2020 15:04

Tgt Ion: 43 Resp: 7307

Ion	Ratio	Lower	Upper
43	100		
58	30.8	25.8	38.6



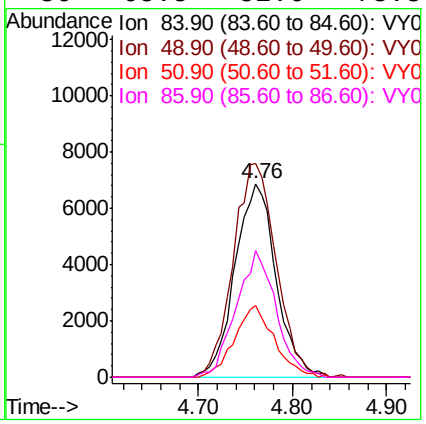


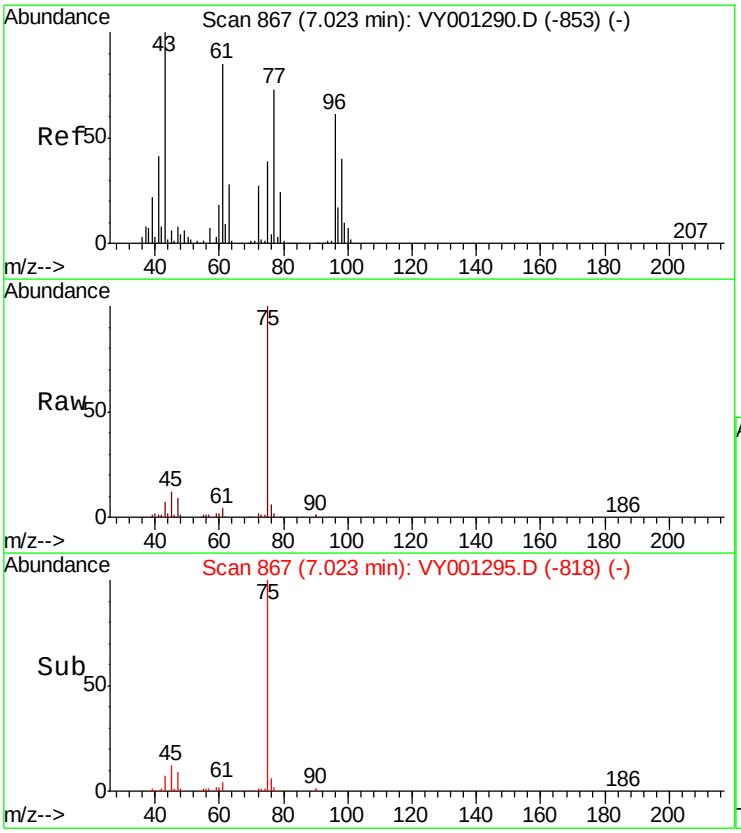
#20
Methylene Chloride
Concen: 2.537 ug/l
RT: 4.76 min Scan# 496
Delta R.T. 0.01 min
Lab File: VY001295.D
Acq: 20 Jan 2020 15:04

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 20828

Ion	Ratio	Lower	Upper
84	100		
49	110.2	93.8	140.6
51	37.2	29.9	44.9
86	65.5	52.6	78.8

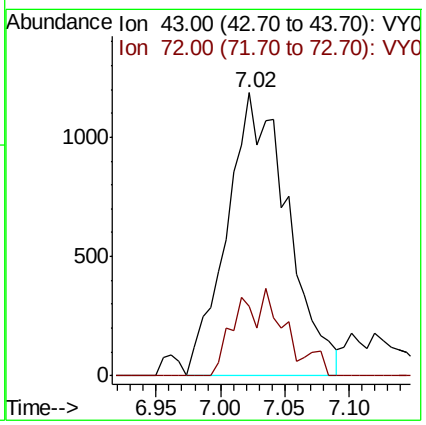


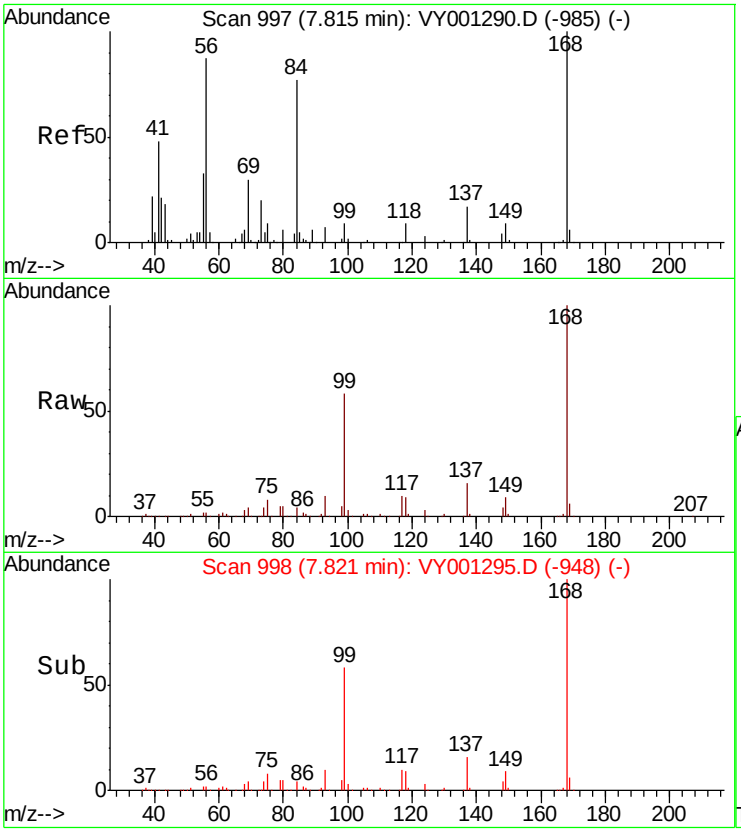


#25
2-Butanone
Concen: 4.357 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.00 min
Lab File: VY001295.D
Acq: 20 Jan 2020 15:04

Tgt Ion: 43 Resp: 3895

Ion	Ratio	Lower	Upper
43	100		
72	24.5	22.2	33.2



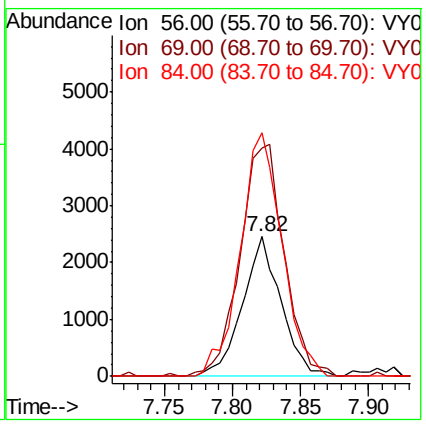


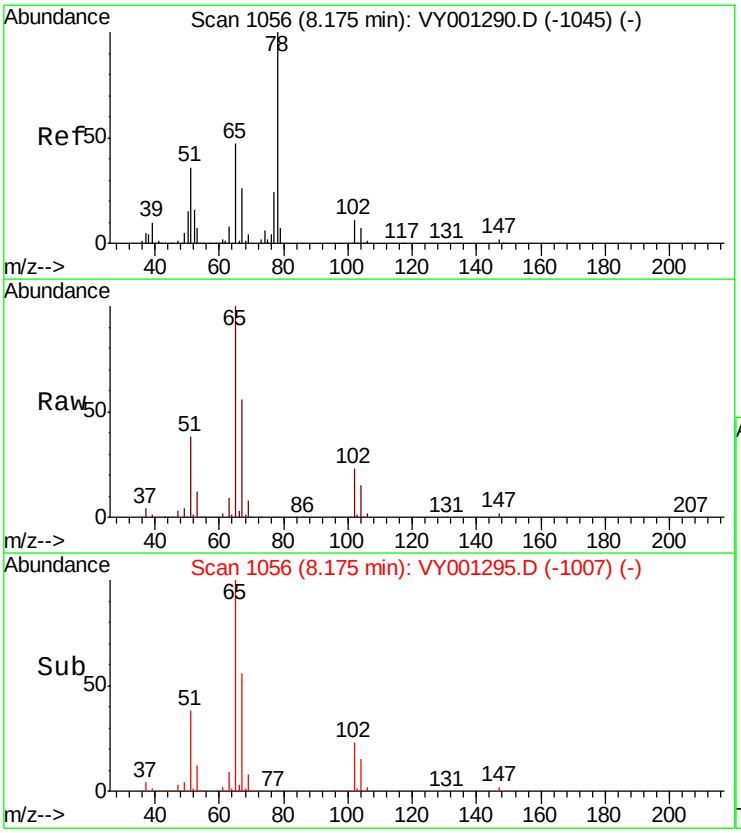
#31
Cyclohexane
Concen: 1.018 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.01 min
Lab File: VY001295.D
Acq: 20 Jan 2020 15:04

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 4870

Ion	Ratio	Lower	Upper
56	100		
69	163.1	27.8	41.8#
84	174.4	68.9	103.3#

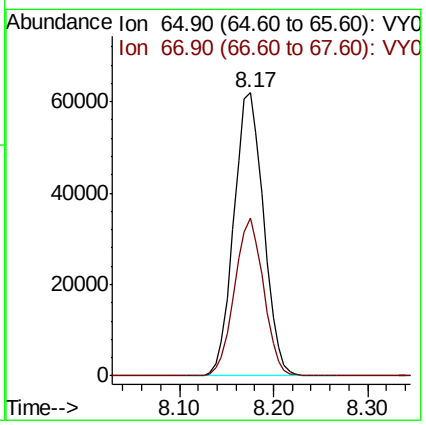


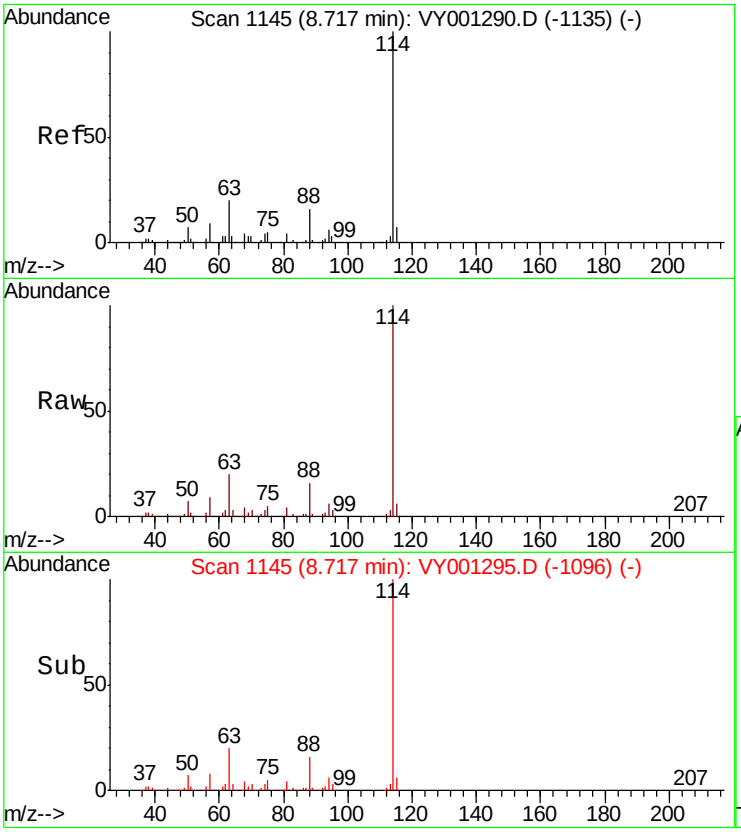


#33
1,2-Dichloroethane-d4
Concen: 54.893 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VY001295.D
Acq: 20 Jan 2020 15:04

Tgt Ion: 65 Resp: 135780

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	105.2



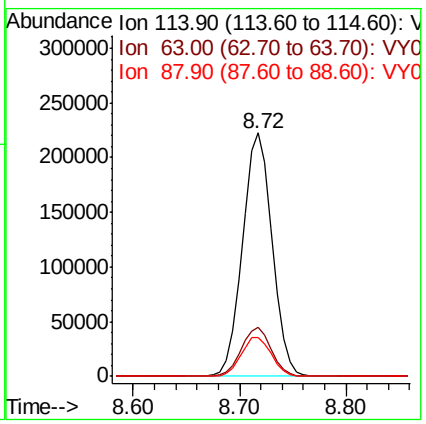


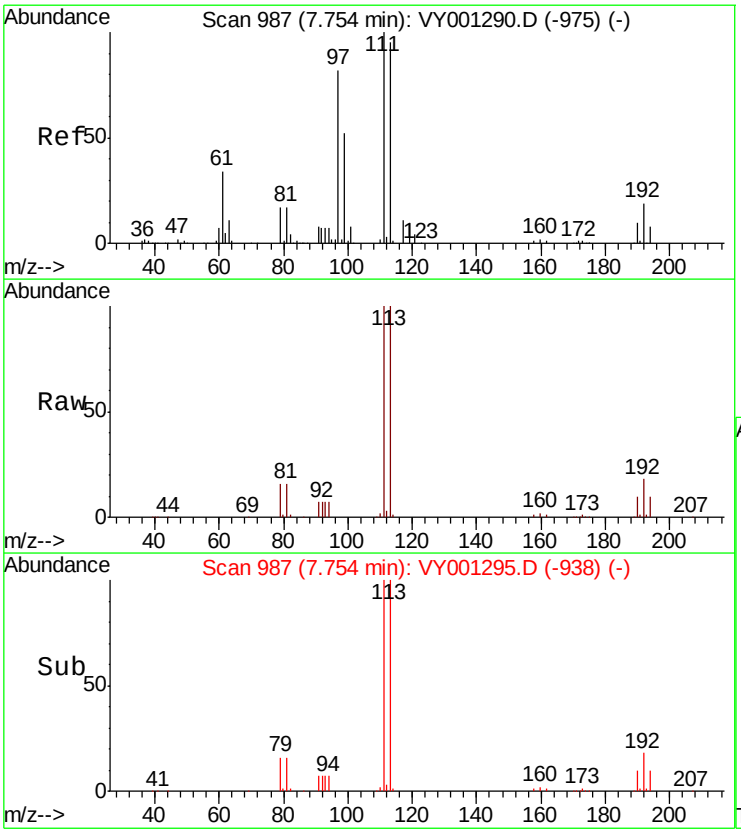
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.72 min Scan# 1145
Delta R.T. 0.00 min
Lab File: VY001295.D
Acq: 20 Jan 2020 15:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 434824

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.8
88	16.0	0.0	32.4

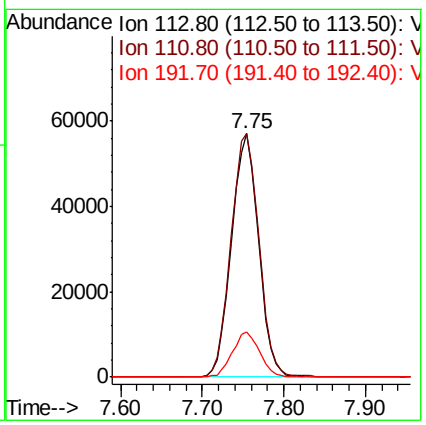


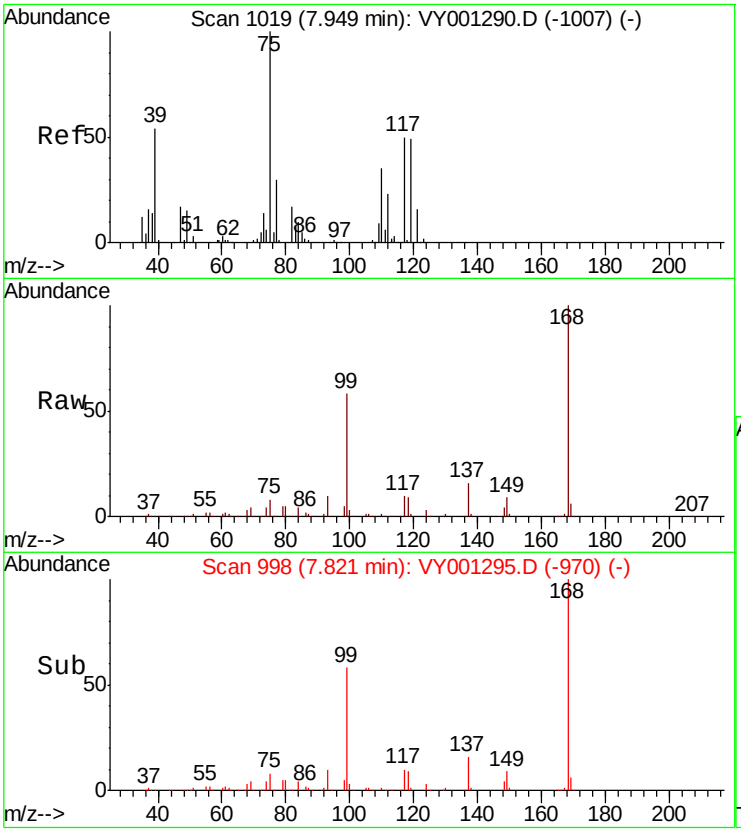


#35
Dibromofluoromethane
Concen: 51.260 ug/l
RT: 7.75 min Scan# 987
Delta R.T. 0.00 min
Lab File: VY001295.D
Acq: 20 Jan 2020 15:04

Tgt Ion:113 Resp: 130501

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.9	124.3
192	18.4	15.4	23.2



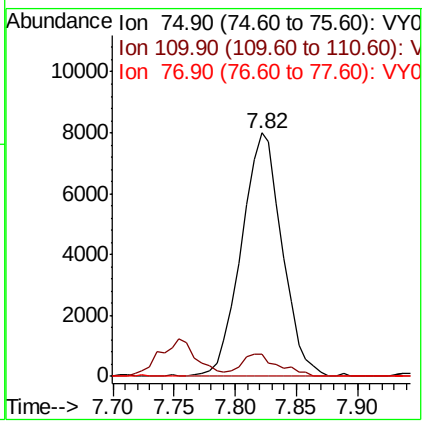


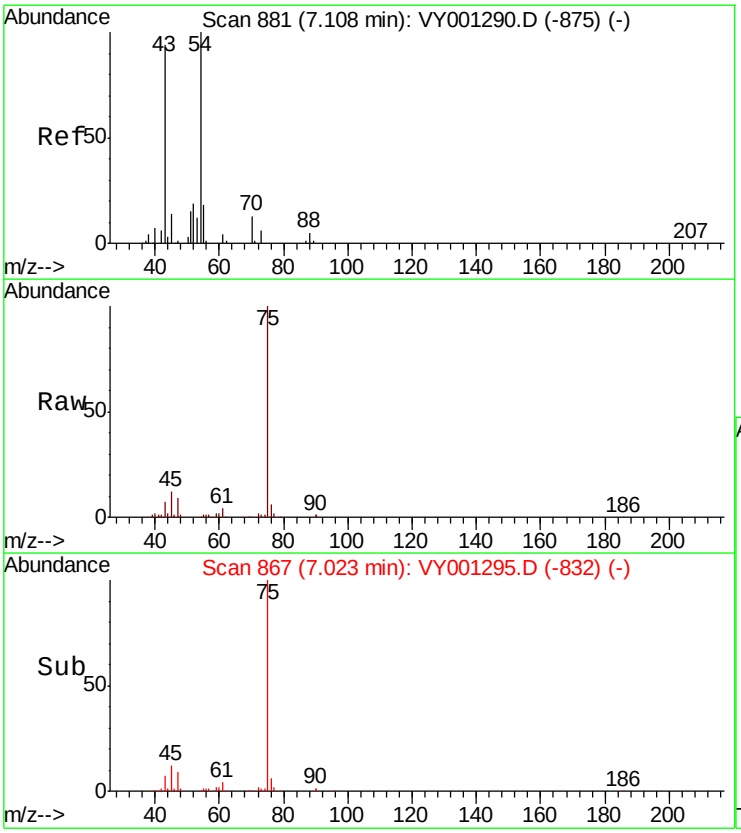
#36
1,1-Dichloropropene
Concen: 4.669 ug/l
RT: 7.82 min Scan# 998
Delta R.T. -0.13 min
Lab File: VY001295.D
Acq: 20 Jan 2020 15:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 18503

Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.3	54.8#
77	0.0	25.1	37.7#

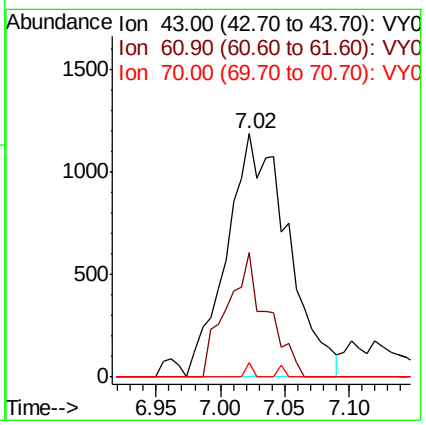


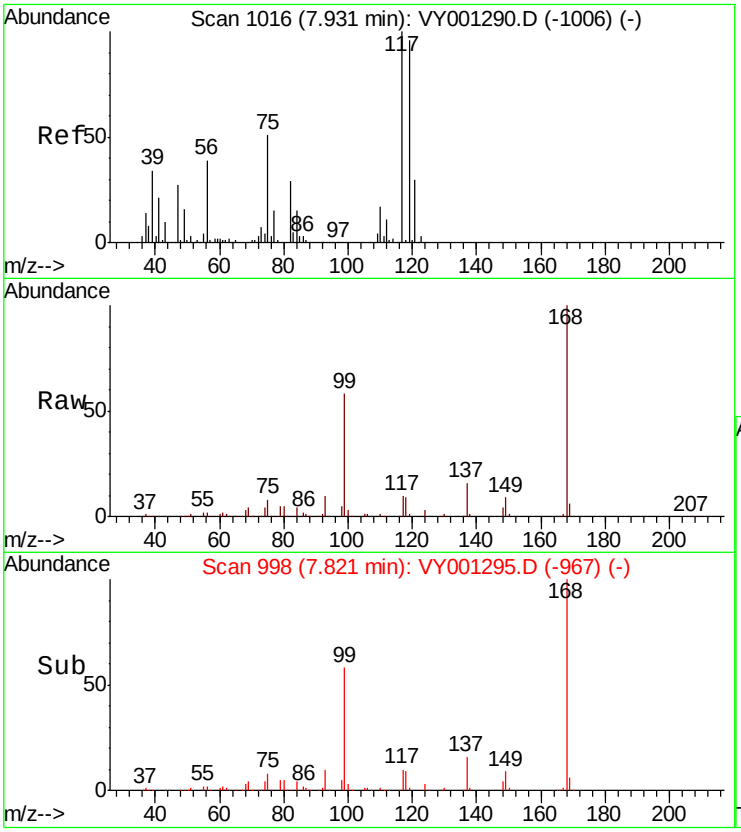


#37
Ethyl Acetate
Concen: 1.675 ug/l
RT: 7.02 min Scan# 867
Delta R.T. -0.09 min
Lab File: VY001295.D
Acq: 20 Jan 2020 15:04

Tgt Ion: 43 Resp: 3895

Ion	Ratio	Lower	Upper
43	100		
61	34.0	11.1	16.7#
70	0.6	9.7	14.5#



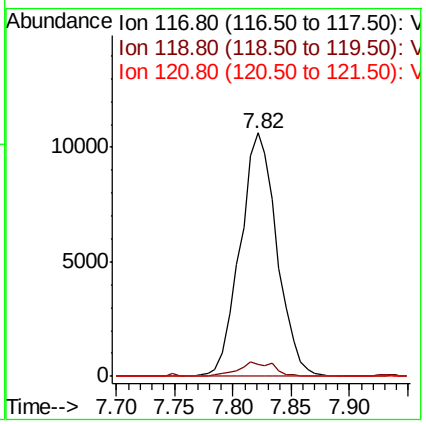


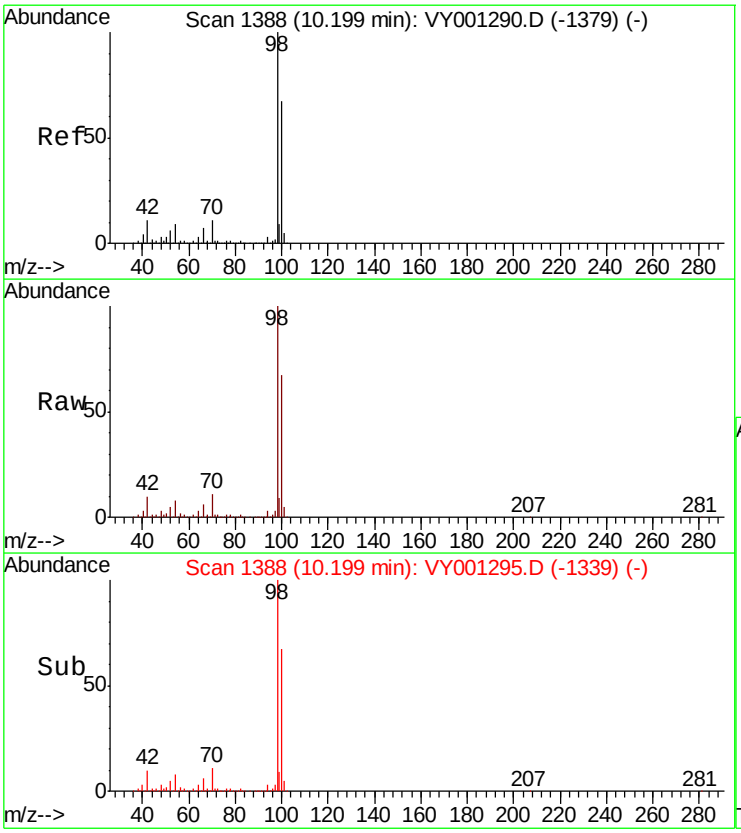
#38
Carbon Tetrachloride
Concen: 6.429 ug/l
RT: 7.82 min Scan# 998
Delta R.T. -0.11 min
Lab File: VY001295.D
Acq: 20 Jan 2020 15:04

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 23351

Ion	Ratio	Lower	Upper
117	100		
119	5.1	78.3	117.5#
121	0.0	23.5	35.3#

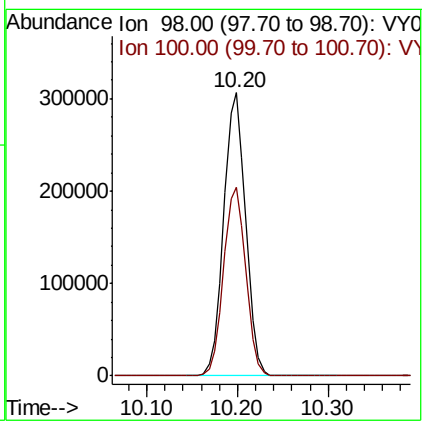


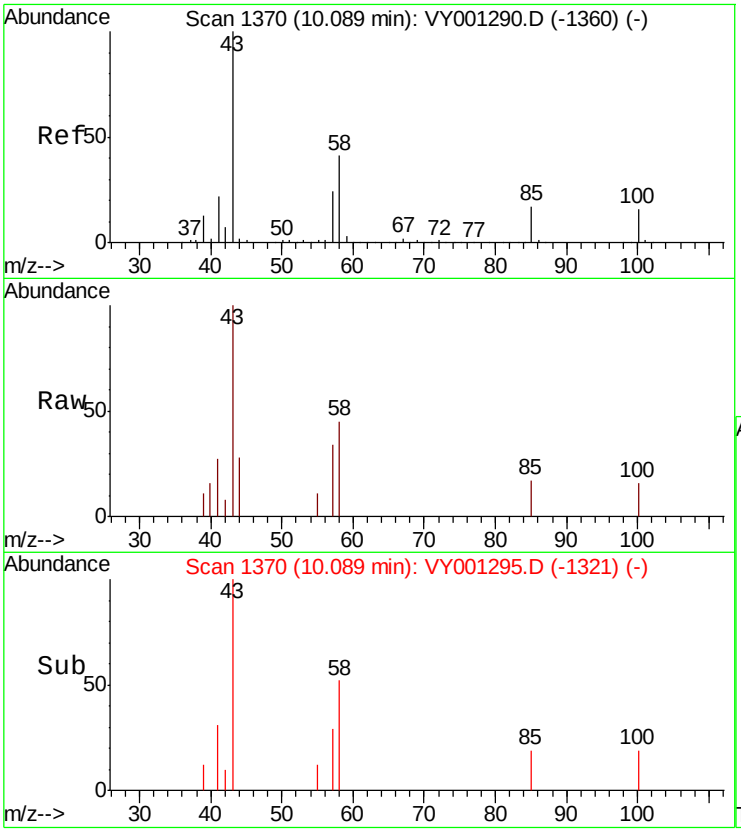


#50
Toluene-d8
Concen: 52.374 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VY001295.D
Acq: 20 Jan 2020 15:04

Tgt Ion: 98 Resp: 513774

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.1	79.7



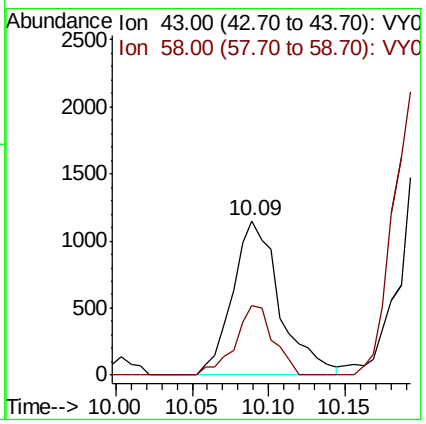


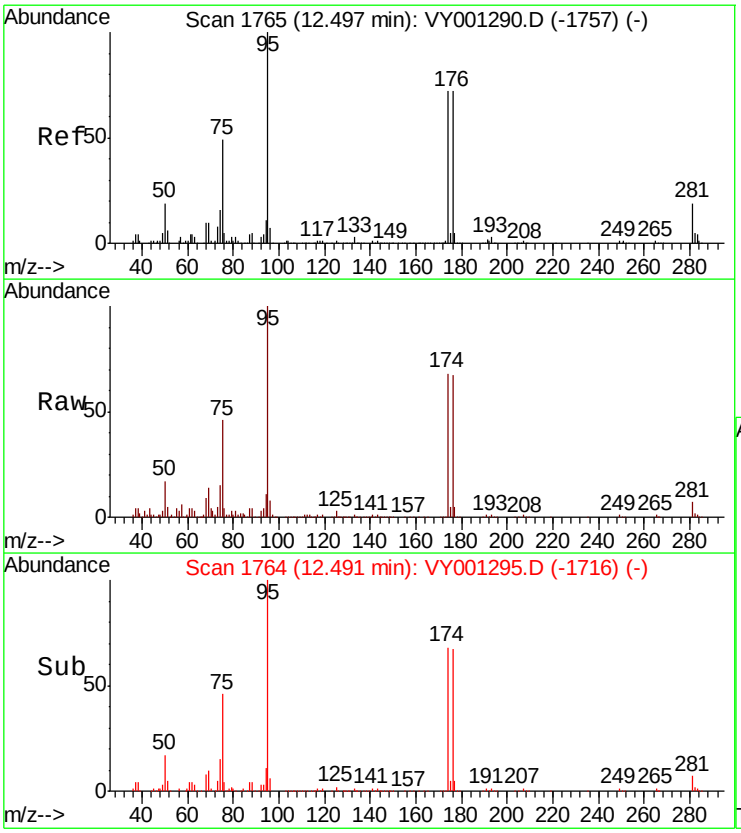
#51
4-Methyl-2-Pentanone
Concen: 1.092 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.00 min
Lab File: VY001295.D
Acq: 20 Jan 2020 15:04

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 2464

Ion	Ratio	Lower	Upper
43	100		
58	36.4	32.3	48.5

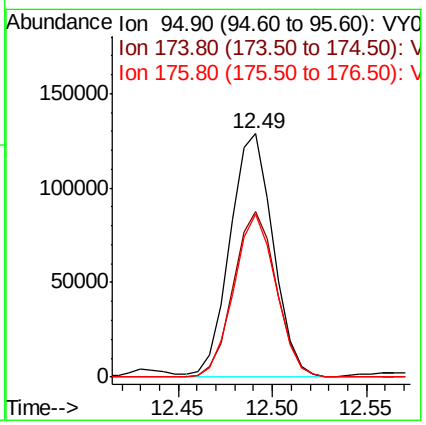


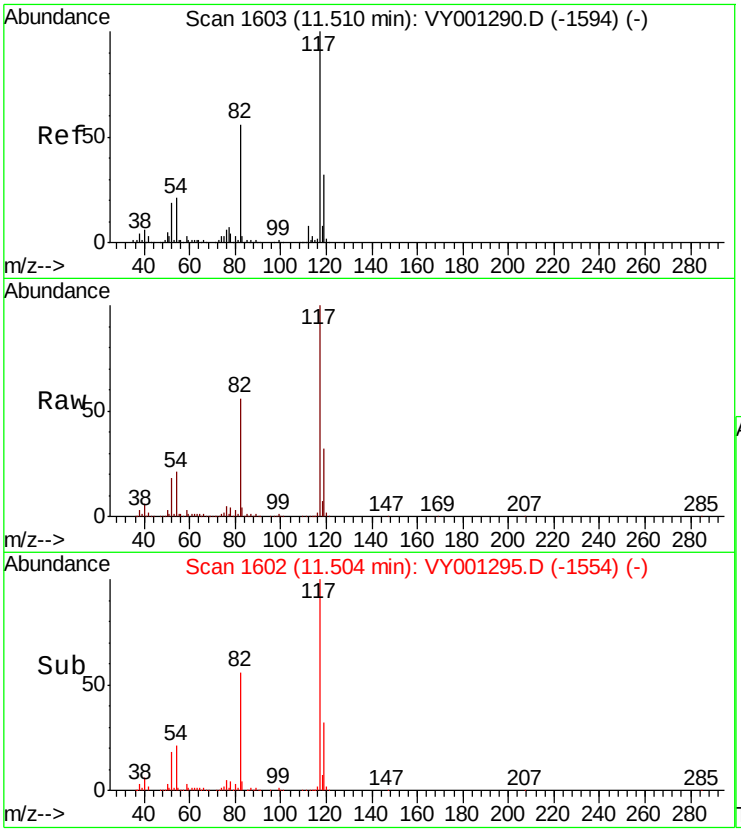


#62
4-Bromofluorobenzene
Concen: 50.338 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.01 min
Lab File: VY001295.D
Acq: 20 Jan 2020 15:04

Tgt Ion: 95 Resp: 201882

Ion	Ratio	Lower	Upper
95	100		
174	67.9	0.0	143.2
176	66.2	0.0	136.0



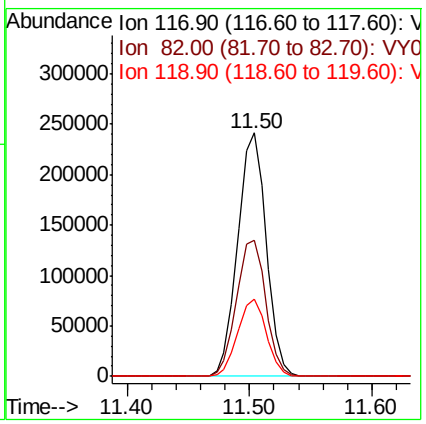


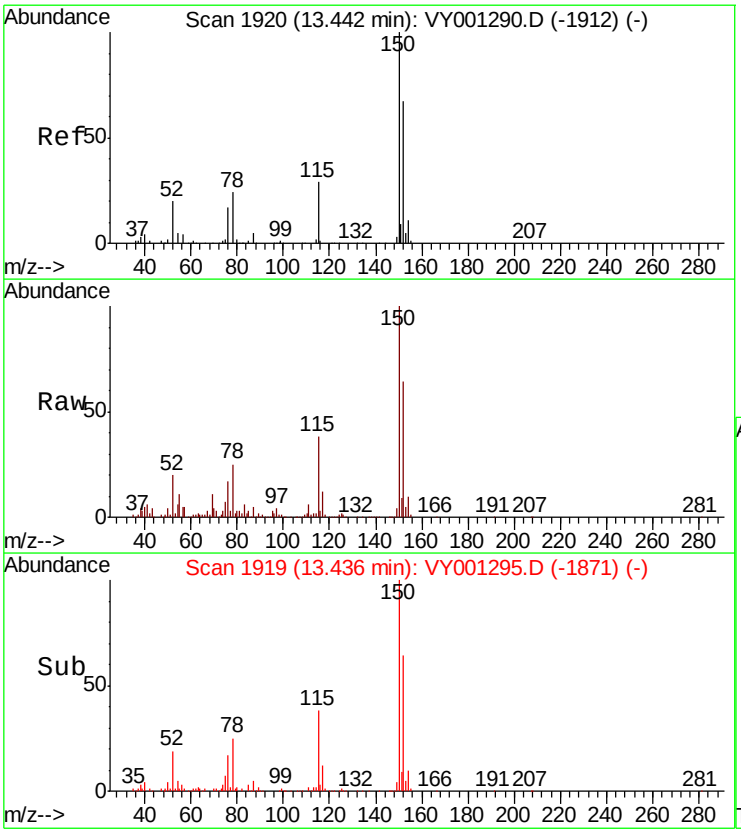
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: VY001295.D
Acq: 20 Jan 2020 15:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 389611

Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.9	67.3
119	31.5	25.7	38.5

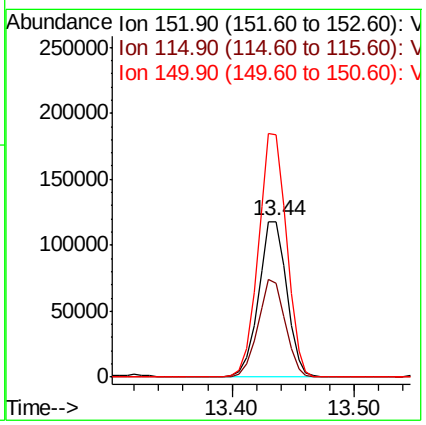


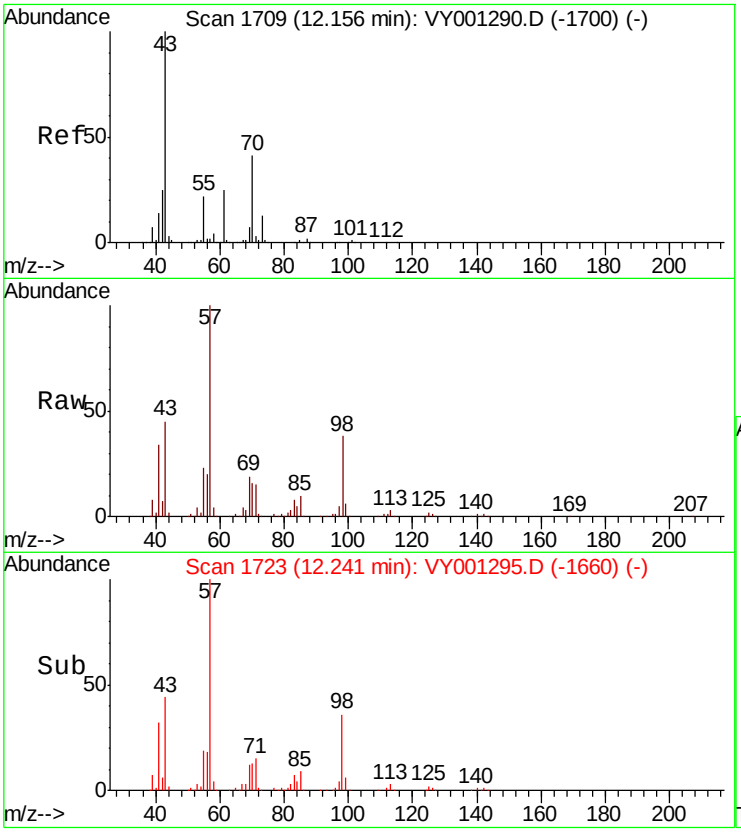


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.01 min
Lab File: VY001295.D
Acq: 20 Jan 2020 15:04

Tgt Ion:152 Resp: 189918

Ion	Ratio	Lower	Upper
152	100		
115	60.5	30.9	92.5
150	155.8	0.0	346.8



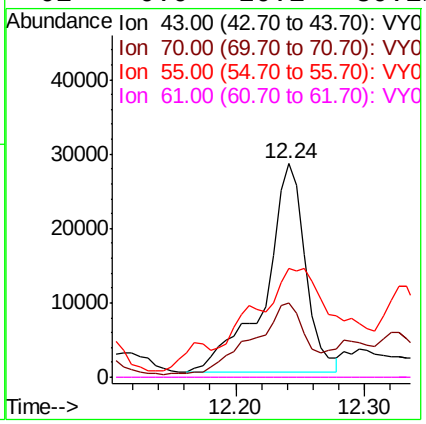


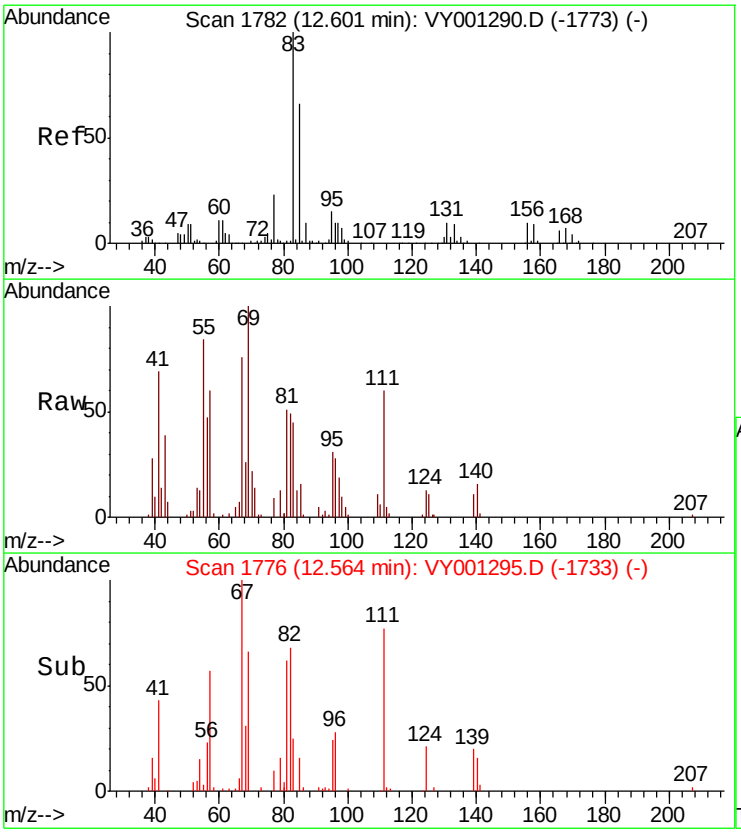
#74
N-amyl acetate
Concen: 13.854 ug/l
RT: 12.24 min Scan# 1723
Delta R.T. 0.09 min
Lab File: VY001295.D
Acq: 20 Jan 2020 15:04

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 61728

Ion	Ratio	Lower	Upper
43	100		
70	45.3	35.0	52.6
55	94.8	18.4	27.6#
61	0.0	20.1	30.1#

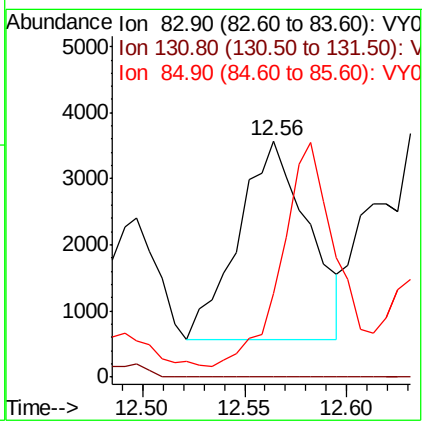


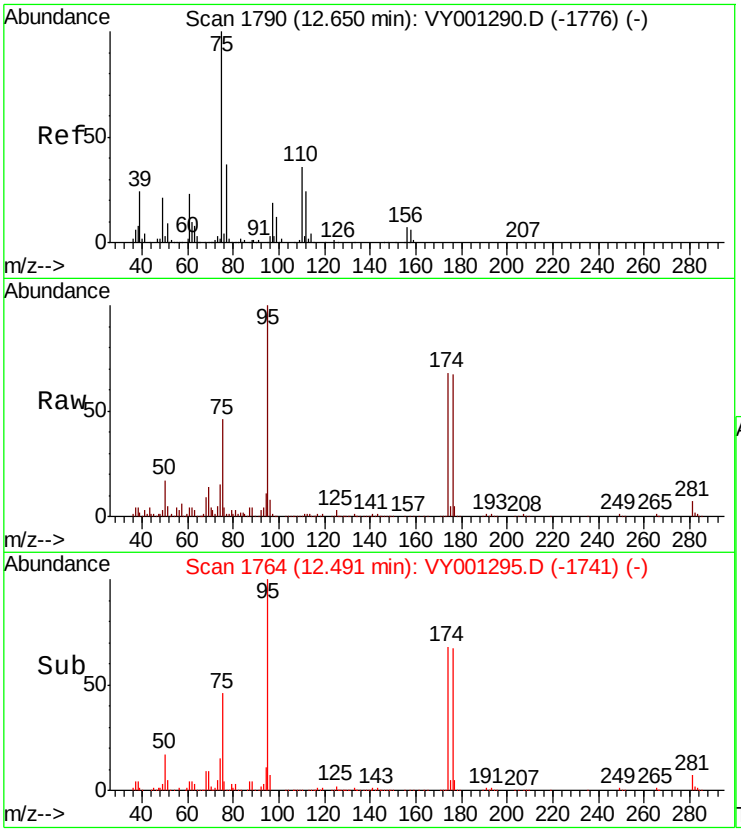


#75
1,1,2,2-Tetrachloroethane
Concen: 2.390 ug/l
RT: 12.56 min Scan# 1776
Delta R.T. -0.04 min
Lab File: VY001295.D
Acq: 20 Jan 2020 15:04

Tgt Ion: 83 Resp: 7178

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.3#
85	87.3	32.2	96.6



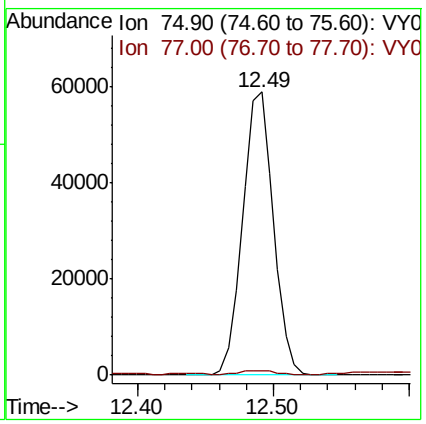


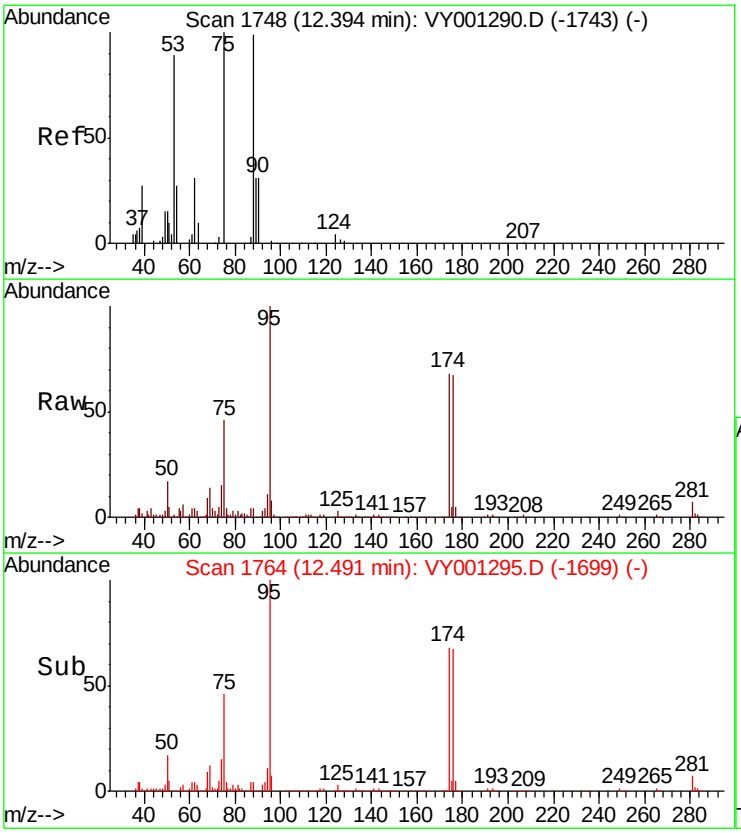
#76
1,2,3-Trichloropropane
Concen: 45.914 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.16 min
Lab File: VY001295.D
Acq: 20 Jan 2020 15:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 93348

Ion	Ratio	Lower	Upper
75	100		
77	2.2	0.0	0.0#

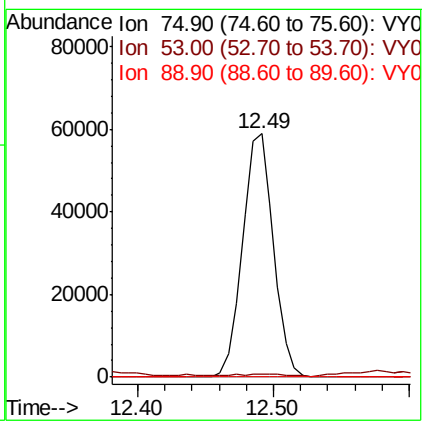


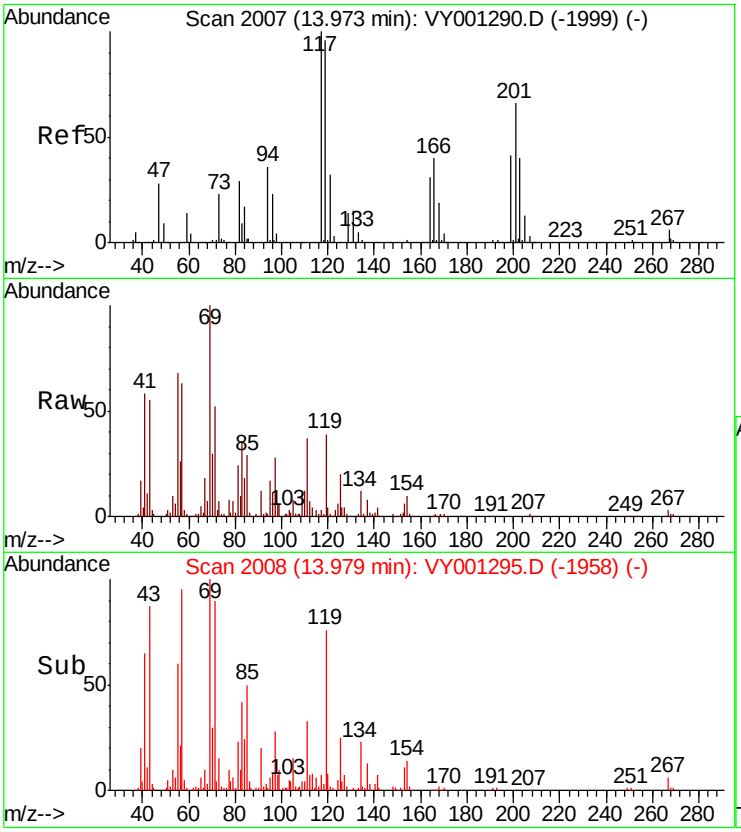


#81
trans-1,4-Dichloro-2-butene
Concen: 77.861 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.10 min
Lab File: VY001295.D
Acq: 20 Jan 2020 15:04

Tgt Ion: 75 Resp: 93348

Ion	Ratio	Lower	Upper
75	100		
53	1.3	69.4	104.2#
89	0.1	0.0	0.0#



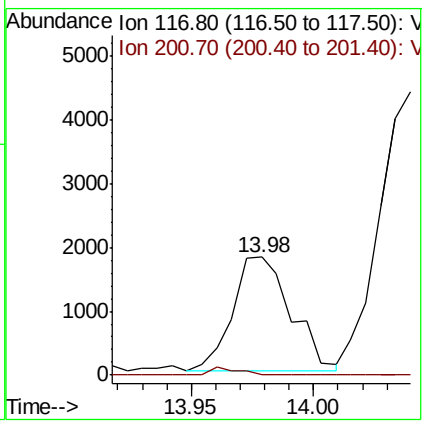


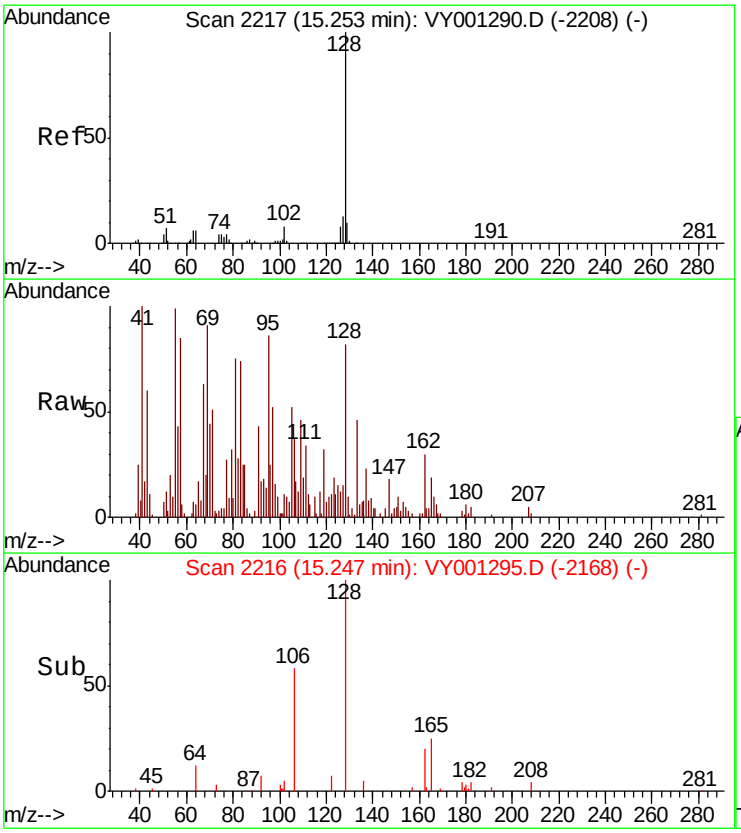
#90
Hexachloroethane
Concen: 1.214 ug/l
RT: 13.98 min Scan# 2008
Delta R.T. 0.01 min
Lab File: VY001295.D
Acq: 20 Jan 2020 15:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 2965

Ion	Ratio	Lower	Upper
117	100		
201	3.2	35.4	106.2#





#95
Naphthalene
Concen: 1.151 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.01 min
Lab File: VY001295.D
Acq: 20 Jan 2020 15:04

Tgt Ion:128 Resp: 9786

Ion	Ratio	Lower	Upper
128	100		
127	28.1	10.2	15.4#
129	0.0	8.5	12.7#