Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012020\
Data File : VY001314.D
Acq On : 20 Jan 2020 22:11
Operator : SY/MD
Sample : L1205-10
Misc : 11.88G/5ML/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Jan 21 07:05:38 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	7.83	168	32554	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	53838	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	42717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	16873	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	13912	40.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 80.92%			
35) Dibromofluoromethane	7.76	113	13911	44.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.26%			
50) Toluene-d8	10.20	98	62690	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.22%			
62) 4-Bromofluorobenzene	12.50	95	18506	37.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 74.54%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.01	59	67	1.937	ug/l #	73
13) Acrolein	3.58	56	44	1.413	ug/l #	14
16) Acetone	4.00	43	1385	17.345	ug/l	99
20) Methylene Chloride	4.77	84	1496	Below Cal		93
31) Cyclohexane	7.82	56	794	1.194	ug/l #	41
36) 1,1-Dichloropropene	7.82	75	2418	4.928	ug/l #	45
38) Carbon Tetrachloride	7.83	117	3105	6.905	ug/l #	11
49) 1,4-Dioxane	9.32	88	20	8.500	ug/l #	23
76) 1,2,3-Trichloropropane	12.49	75	9022	49.948	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	9022	84.701	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	14.61	75	49	1.018	ug/l #	29

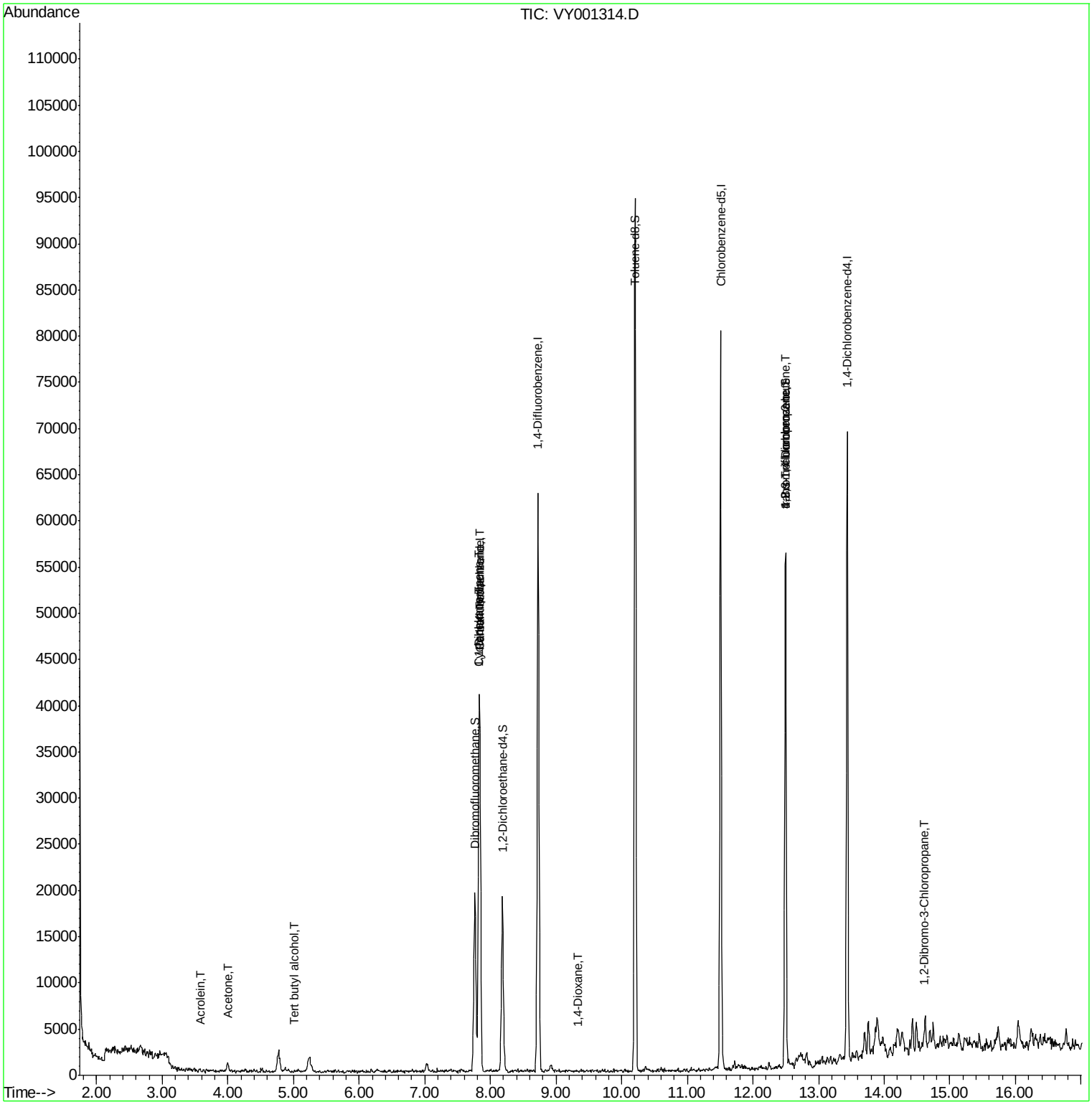
(#) = qualifier out of range (m) = manual integration (+) = signals summed

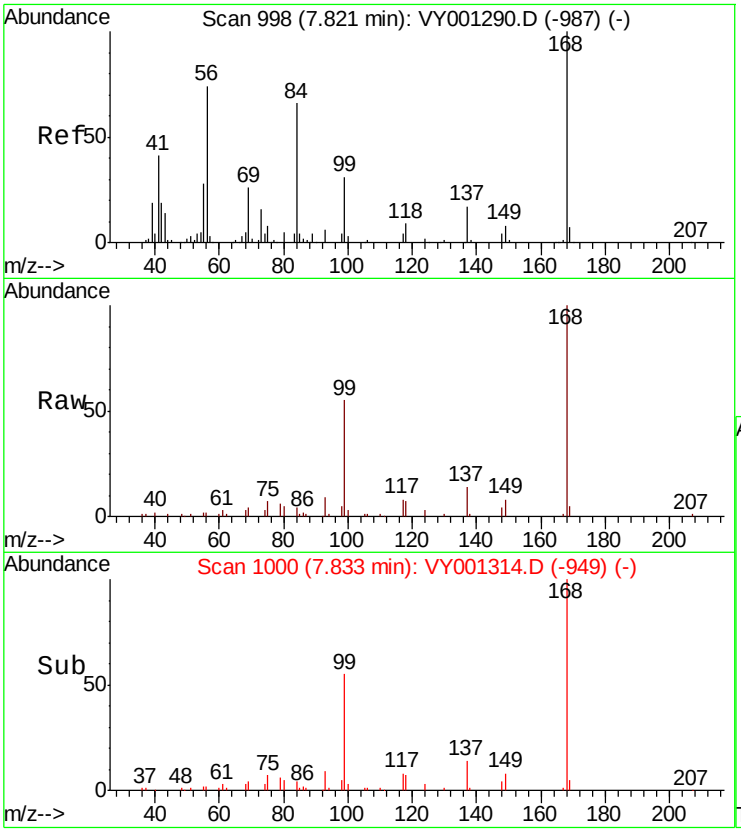
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012020\
Data File : VY001314.D
Acq On : 20 Jan 2020 22:11
Operator : SY/MD
Sample : L1205-10
Misc : 11.88G/5ML/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 21 07:05:38 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



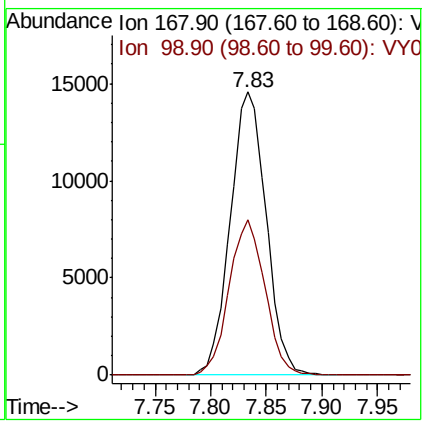


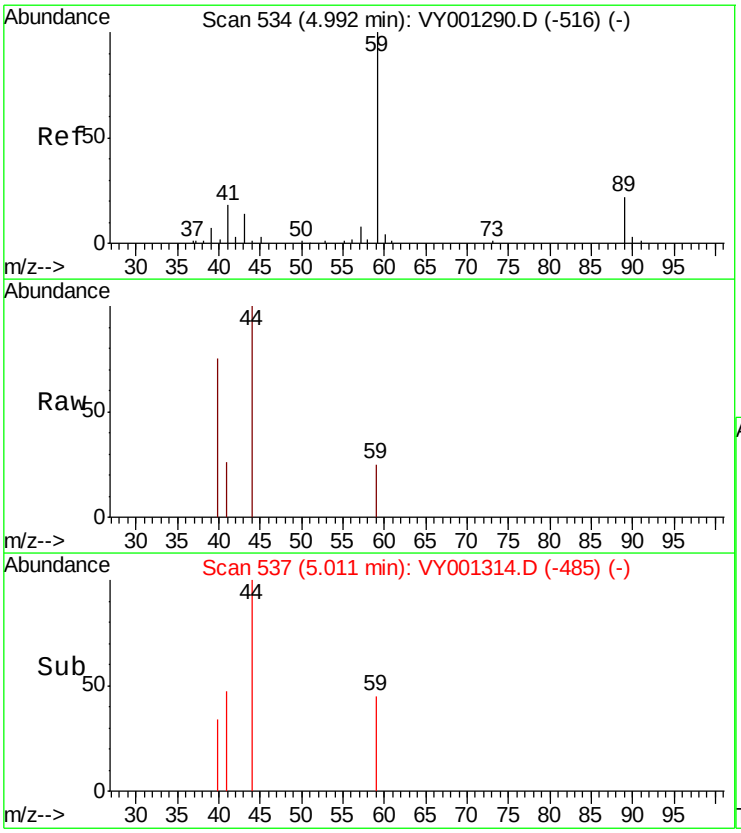
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.83 min Scan# 1000
Delta R.T. 0.01 min
Lab File: VY001314.D
Acq: 20 Jan 2020 22:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 32554

Ion	Ratio	Lower	Upper
168	100		
99	54.8	47.9	71.9

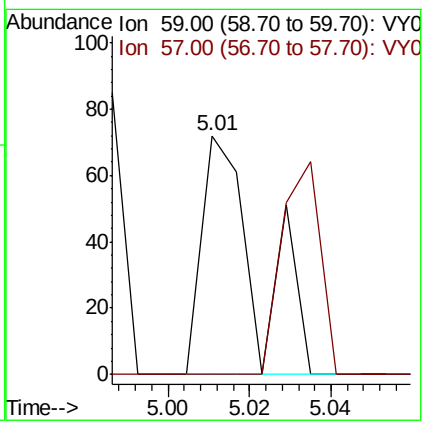


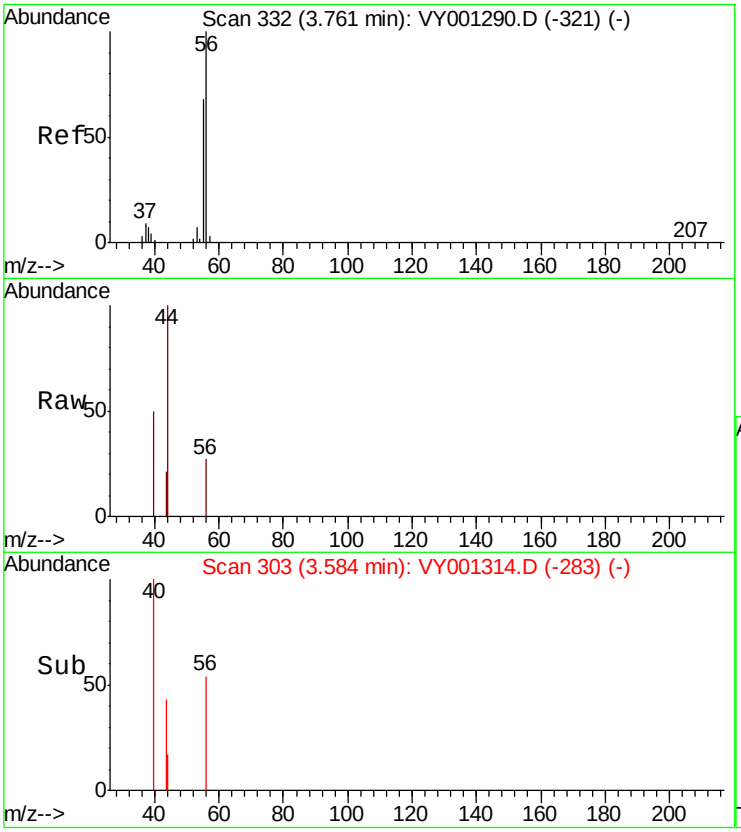


#11
Tert butyl alcohol
Concen: 1.937 ug/l
RT: 5.01 min Scan# 537
Delta R.T. 0.02 min
Lab File: VY001314.D
Acq: 20 Jan 2020 22:11

Tgt Ion: 59 Resp: 67

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#



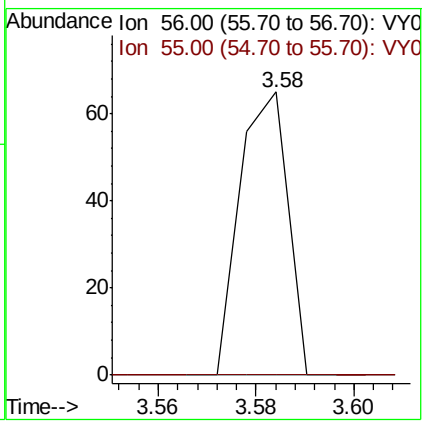


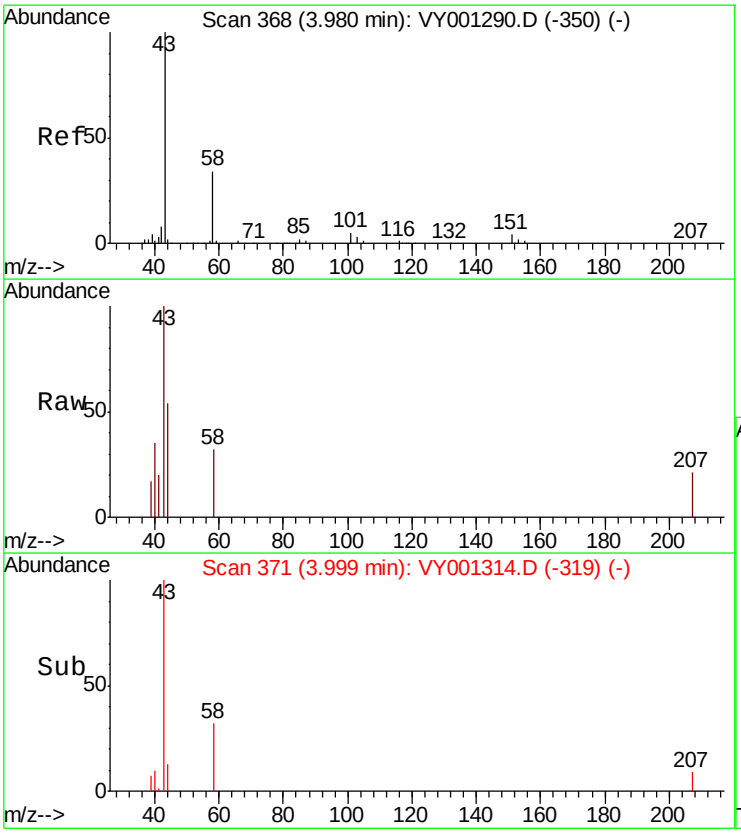
#13
Acrolein
Concen: 1.413 ug/l
RT: 3.58 min Scan# 303
Delta R.T. -0.18 min
Lab File: VY001314.D
Acq: 20 Jan 2020 22:11

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 44

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.7	85.1#

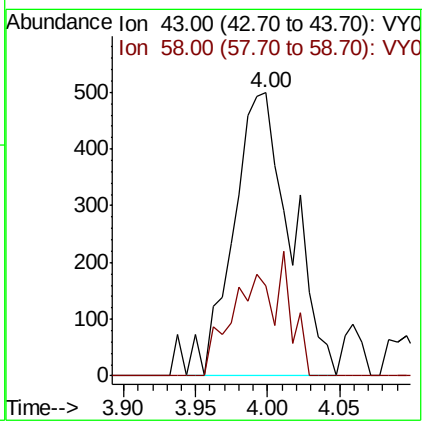


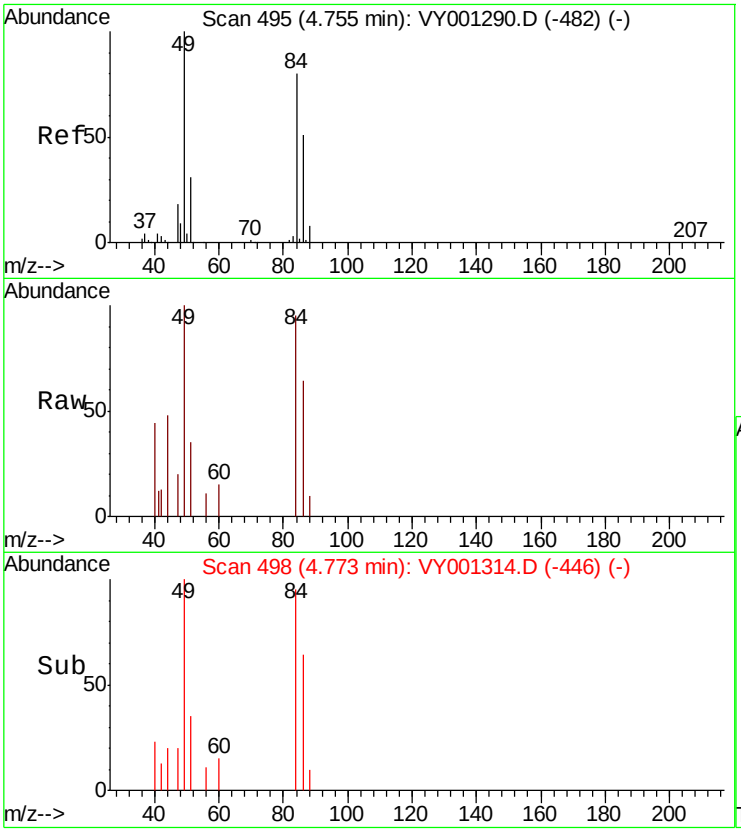


#16
Acetone
Concen: 17.345 ug/l
RT: 4.00 min Scan# 371
Delta R.T. 0.02 min
Lab File: VY001314.D
Acq: 20 Jan 2020 22:11

Tgt Ion: 43 Resp: 1385

Ion	Ratio	Lower	Upper
43	100		
58	31.7	25.8	38.6



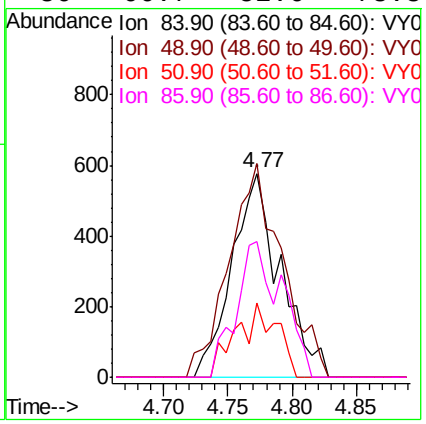


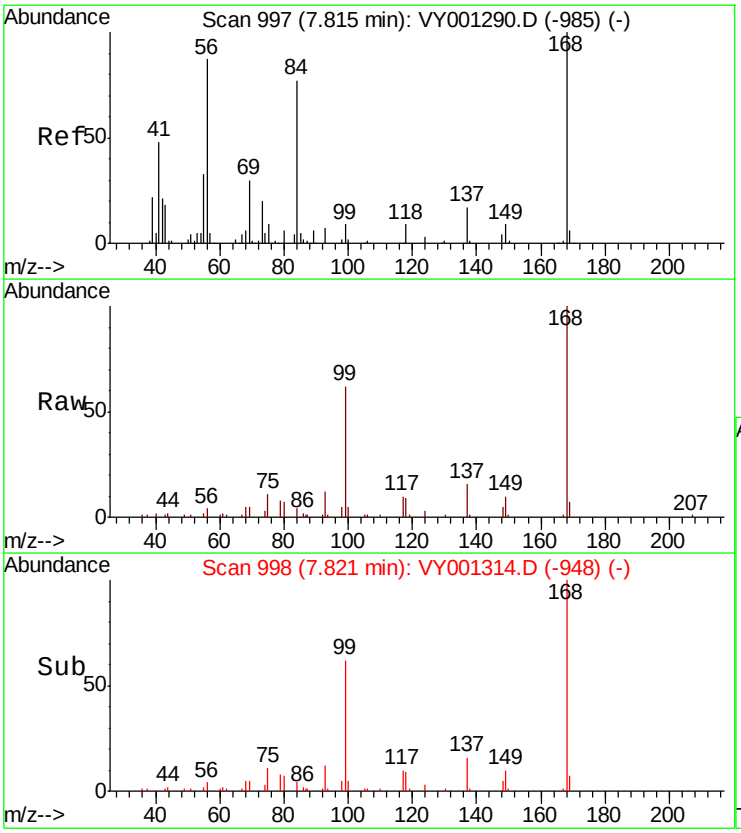
#20
Methylene Chloride
Concen: Below Cal
RT: 4.77 min Scan# 498
Delta R.T. 0.02 min
Lab File: VY001314.D
Acq: 20 Jan 2020 22:11

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 1496

Ion	Ratio	Lower	Upper
84	100		
49	104.9	93.8	140.6
51	36.6	29.9	44.9
86	66.7	52.6	78.8

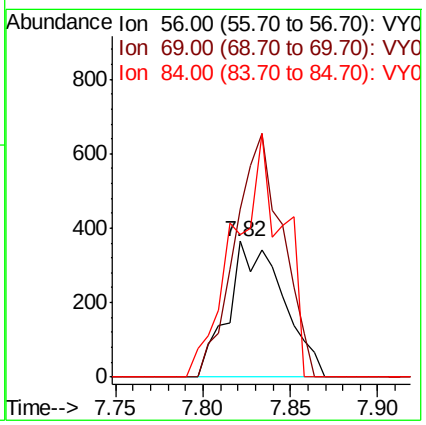


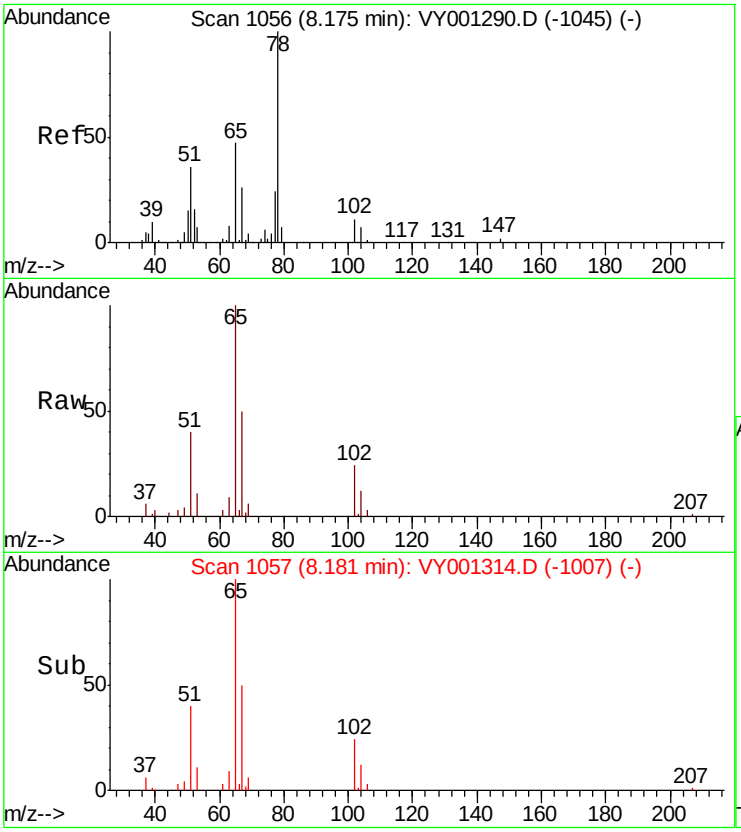


#31
Cyclohexane
Concen: 1.194 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.01 min
Lab File: VY001314.D
Acq: 20 Jan 2020 22:11

Tgt Ion: 56 Resp: 794

Ion	Ratio	Lower	Upper
56	100		
69	123.6	27.8	41.8#
84	104.9	68.9	103.3#



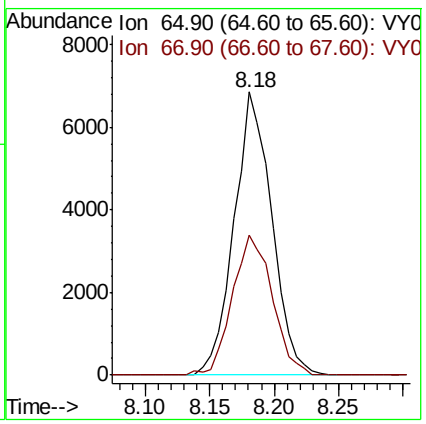


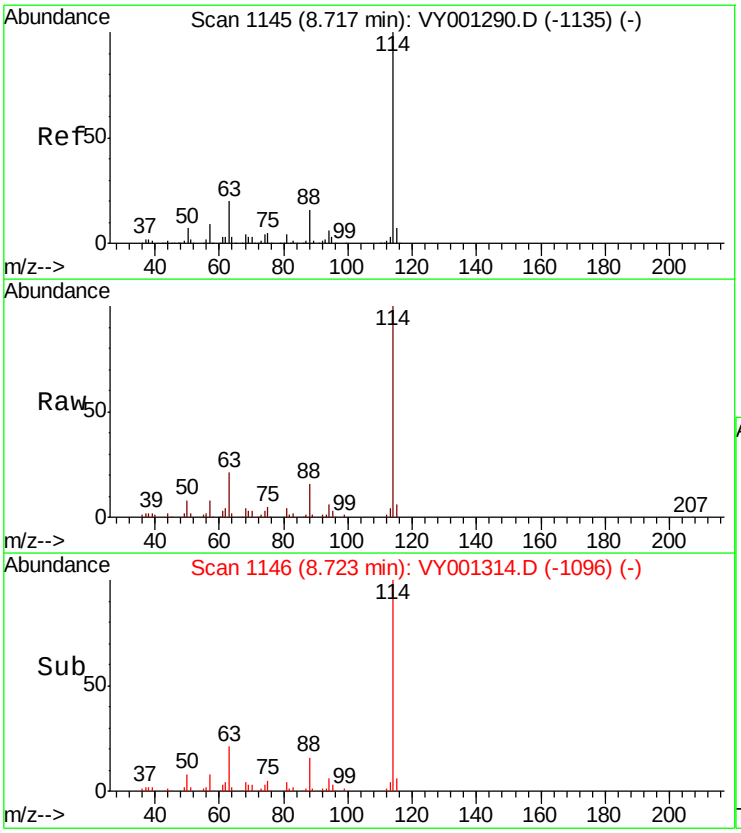
#33
1,2-Dichloroethane-d4
Concen: 40.462 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY001314.D
Acq: 20 Jan 2020 22:11

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 13912

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	105.2

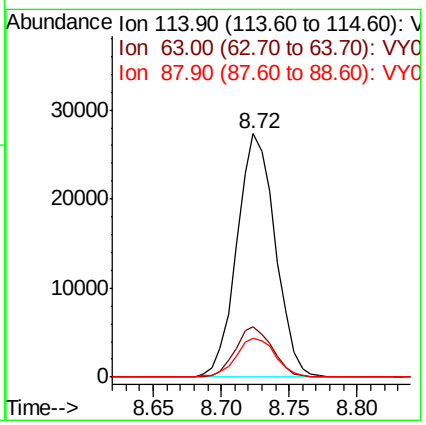


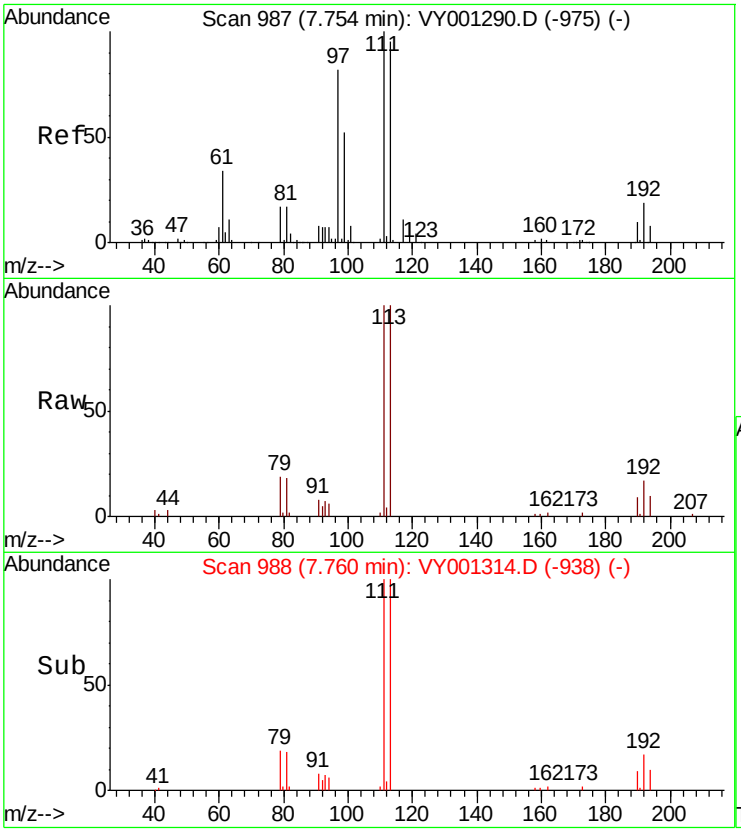


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.72 min Scan# 1146
Delta R.T. 0.01 min
Lab File: VY001314.D
Acq: 20 Jan 2020 22:11

Tgt Ion:114 Resp: 53838

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.8
88	16.2	0.0	32.4



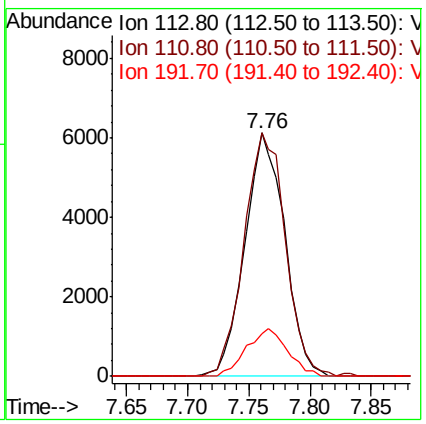


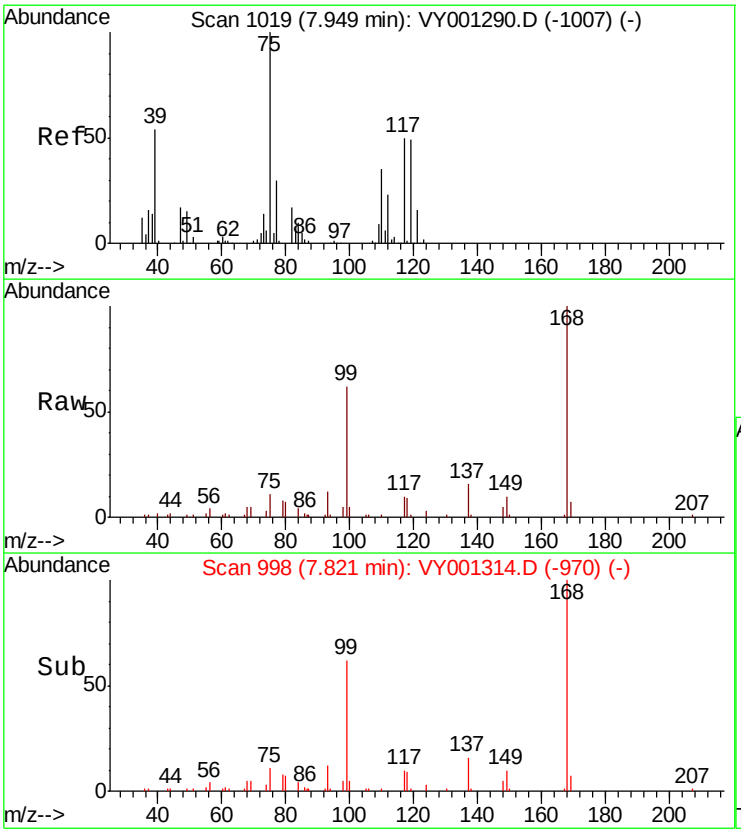
#35
Dibromofluoromethane
Concen: 44.131 ug/l
RT: 7.76 min Scan# 988
Delta R.T. 0.01 min
Lab File: VY001314.D
Acq: 20 Jan 2020 22:11

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 13911

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	19.9	15.4	23.2

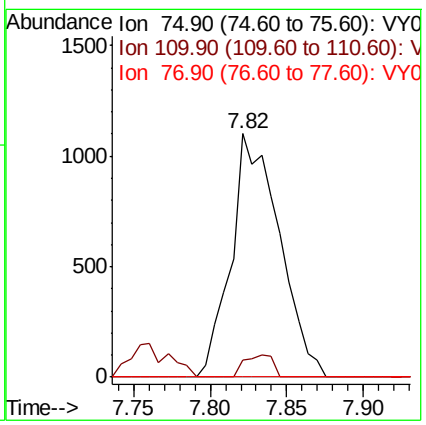


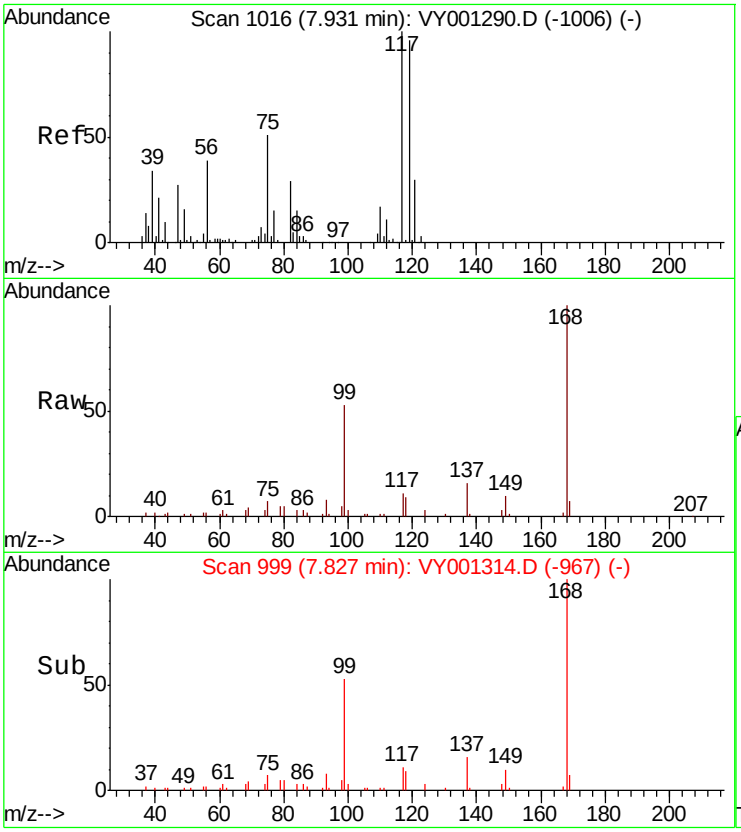


#36
1,1-Dichloropropene
Concen: 4.928 ug/l
RT: 7.82 min Scan# 998
Delta R.T. -0.13 min
Lab File: VY001314.D
Acq: 20 Jan 2020 22:11

Tgt Ion: 75 Resp: 2418

Ion	Ratio	Lower	Upper
75	100		
110	5.4	18.3	54.8#
77	0.0	25.1	37.7#



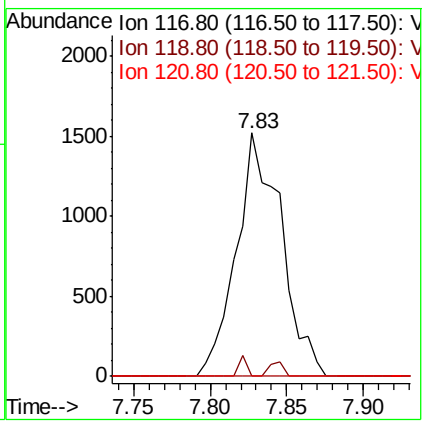


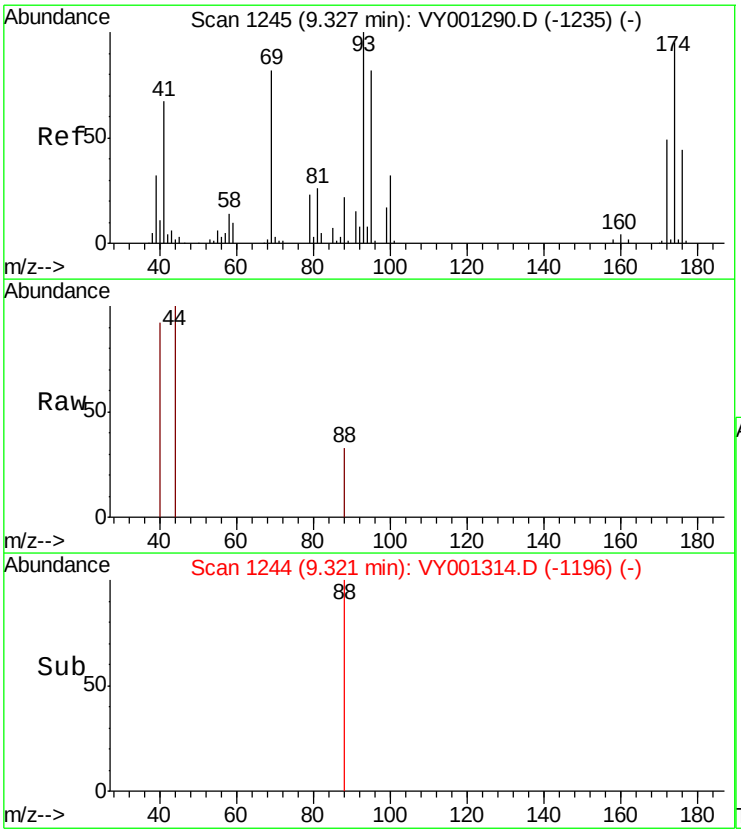
#38
Carbon Tetrachloride
Concen: 6.905 ug/l
RT: 7.83 min Scan# 999
Delta R.T. -0.10 min
Lab File: VY001314.D
Acq: 20 Jan 2020 22:11

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 3105

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

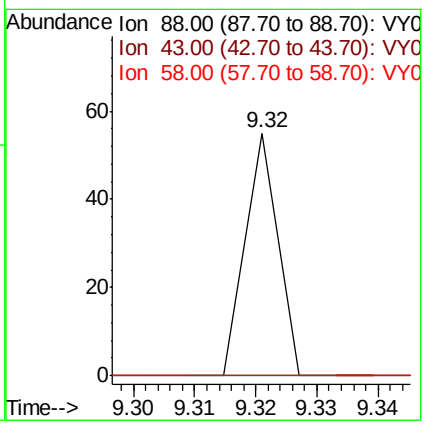


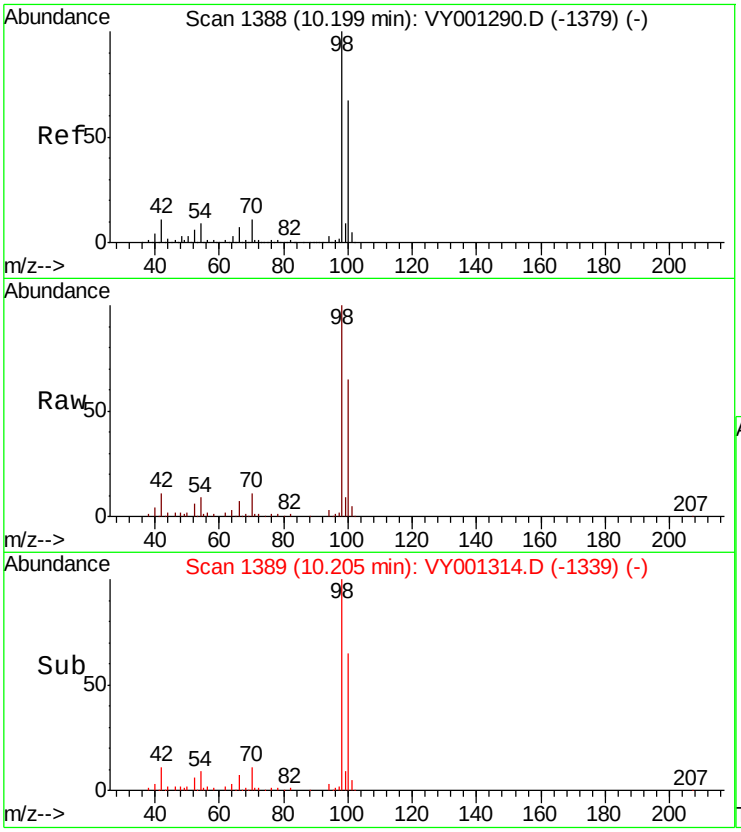


#49
1,4-Dioxane
Concen: 8.500 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. -0.01 min
Lab File: VY001314.D
Acq: 20 Jan 2020 22:11

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.4	33.6#
58	0.0	58.0	87.0#



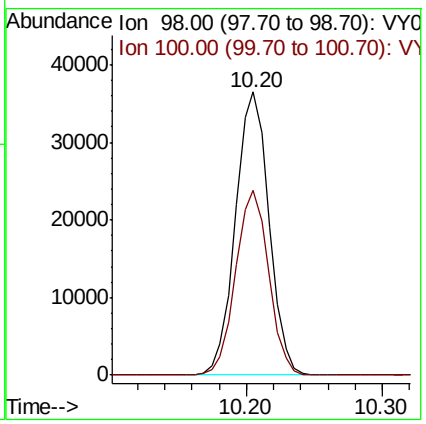


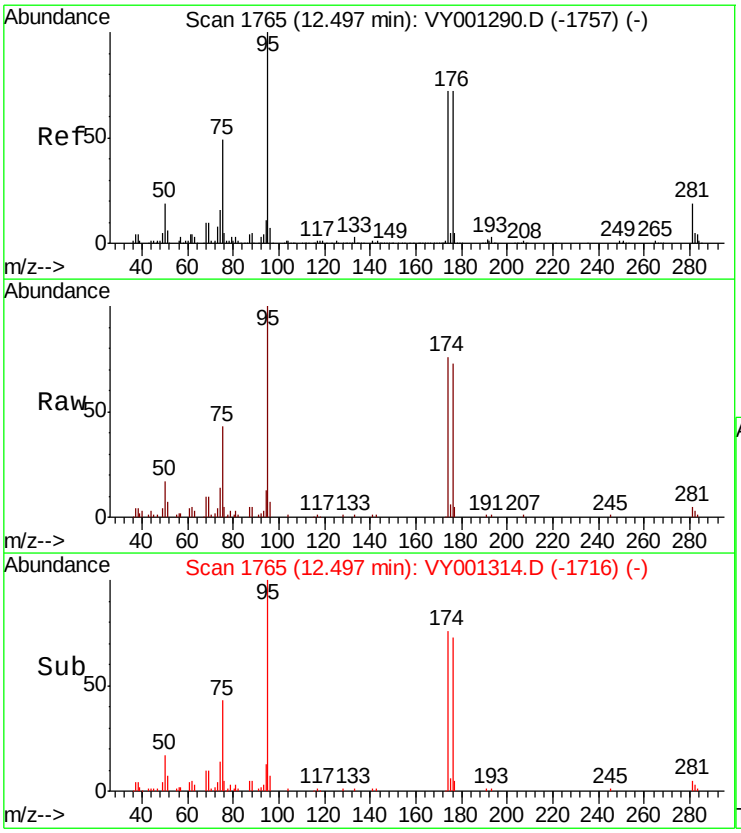
#50
Toluene-d8
Concen: 51.614 ug/l
RT: 10.20 min Scan# 1389
Delta R.T. 0.01 min
Lab File: VY001314.D
Acq: 20 Jan 2020 22:11

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 62690

Ion	Ratio	Lower	Upper
98	100		
100	64.3	53.1	79.7

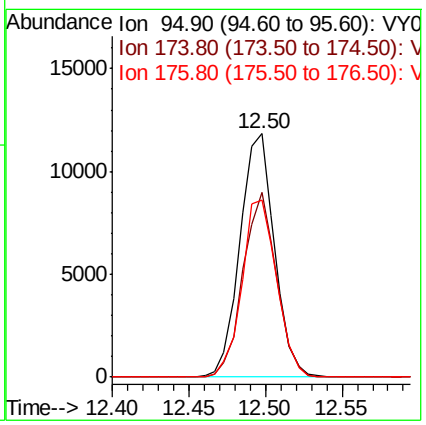


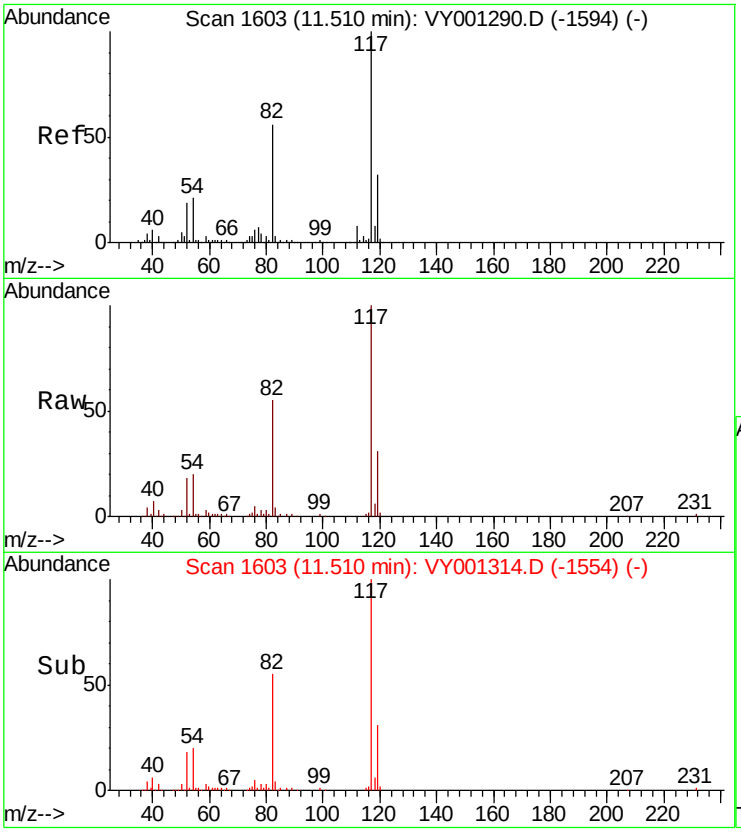


#62
4-Bromofluorobenzene
Concen: 37.268 ug/l
RT: 12.50 min Scan# 1765
Delta R.T. 0.00 min
Lab File: VY001314.D
Acq: 20 Jan 2020 22:11

Tgt Ion: 95 Resp: 18506

Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	143.2
176	73.4	0.0	136.0



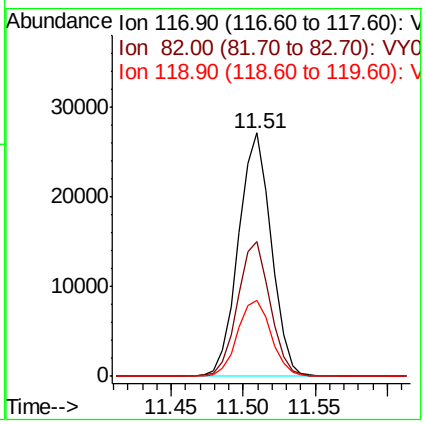


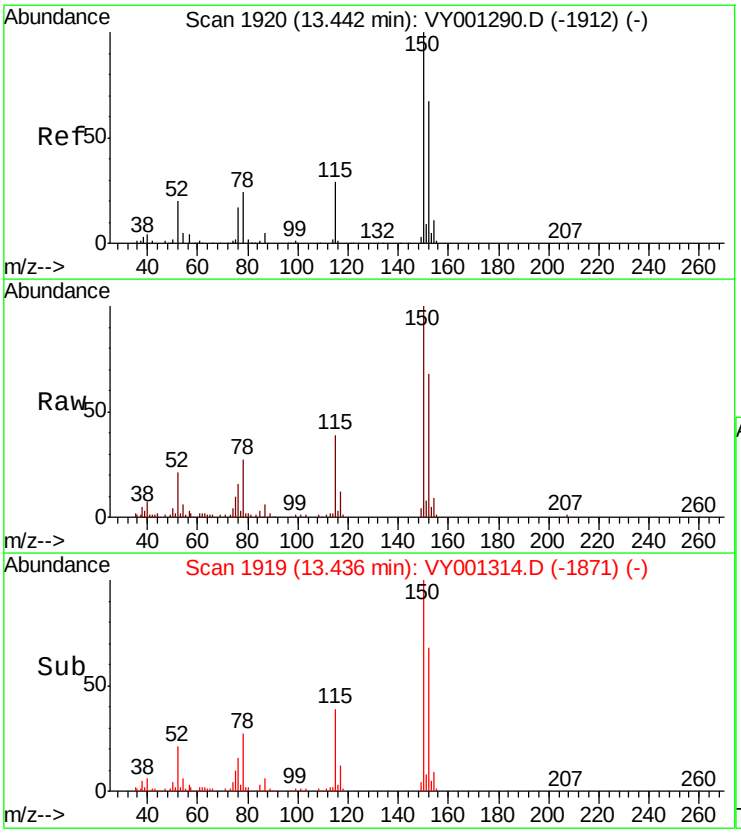
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VY001314.D
Acq: 20 Jan 2020 22:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 42717

Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.9	67.3
119	31.1	25.7	38.5

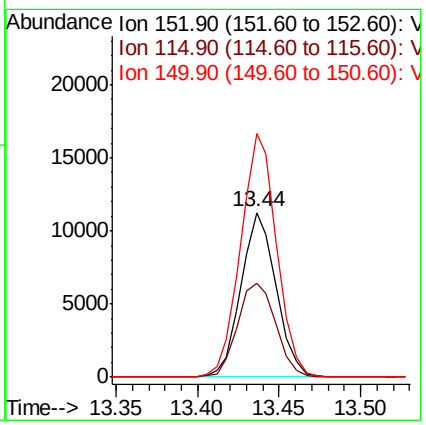


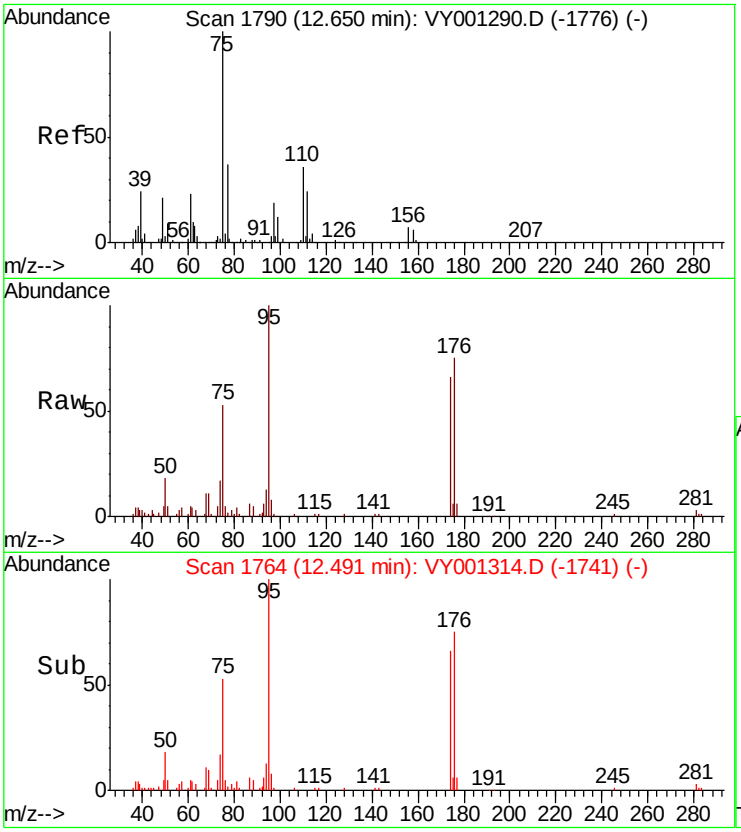


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.01 min
Lab File: VY001314.D
Acq: 20 Jan 2020 22:11

Tgt Ion:152 Resp: 16873

Ion	Ratio	Lower	Upper
152	100		
115	62.1	30.9	92.5
150	150.9	0.0	346.8



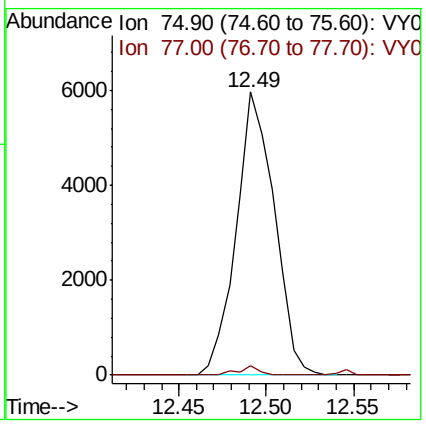


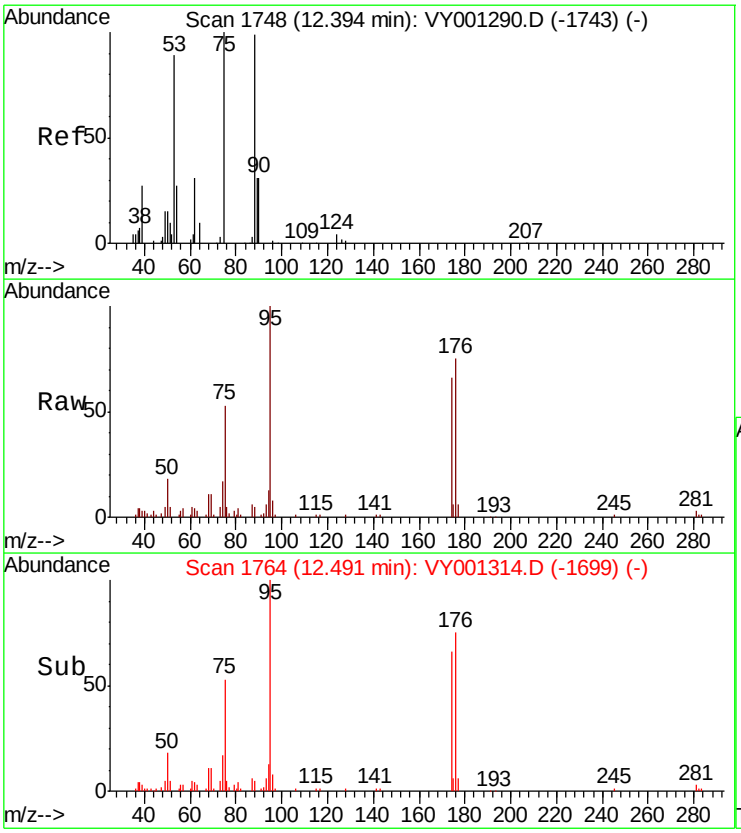
#76
1,2,3-Trichloropropane
Concen: 49.948 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.16 min
Lab File: VY001314.D
Acq: 20 Jan 2020 22:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 9022

Ion	Ratio	Lower	Upper
75	100		
77	1.7	0.0	0.0#

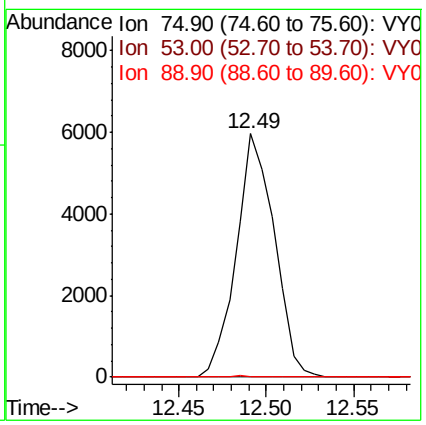


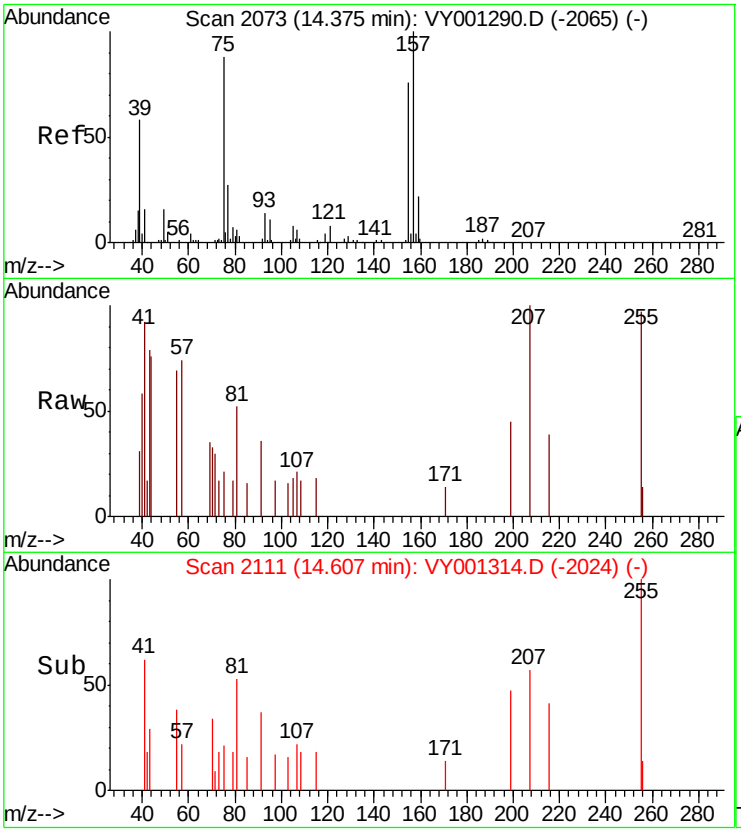


#81
trans-1,4-Dichloro-2-butene
Concen: 84.701 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.10 min
Lab File: VY001314.D
Acq: 20 Jan 2020 22:11

Tgt Ion: 75 Resp: 9022

Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.4	104.2#
89	0.2	0.0	0.0#





#92
1,2-Dibromo-3-Chloropropane
Concen: 1.018 ug/l
RT: 14.61 min Scan# 2111
Delta R.T. 0.23 min
Lab File: VY001314.D
Acq: 20 Jan 2020 22:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 49

Ion	Ratio	Lower	Upper
75	100		
155	55.1	41.2	123.6
157	0.0	52.8	158.4#