Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY042320\
Data File : VY002461.D
Acq On : 23 Apr 2020 15:56
Operator : SY/MD
Sample : VY0423SBL01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Apr 24 01:31:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 14:11:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	310450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	480532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	432211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	209567	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	151719	55.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.82%			
35) Dibromofluoromethane	7.74	113	146536	54.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.12%			
50) Toluene-d8	10.19	98	562140	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.20%			
62) 4-Bromofluorobenzene	12.49	95	180257	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.62%			
Target Compounds						Qvalue
6) Chloroethane	2.96	64	21	2.872	ug/l #	41
11) Tert butyl alcohol	4.98	59	1897	7.428	ug/l #	72
15) Acrylonitrile	5.19	53	783	1.054	ug/l #	71
16) Acetone	3.97	43	3331	5.874	ug/l #	85
20) Methylene Chloride	4.75	84	8599	2.656	ug/l #	94
25) 2-Butanone	7.02	43	2853	3.284	ug/l #	85
31) Cyclohexane	7.82	56	5342	1.143	ug/l #	22
36) 1,1-Dichloropropene	7.82	75	19687	4.778	ug/l #	48
37) Ethyl Acetate	7.02	43	2853	1.378	ug/l #	22
38) Carbon Tetrachloride	7.81	117	28668	6.050	ug/l #	17
51) 4-Methyl-2-Pentanone	10.08	43	2176	1.082	ug/l	92
76) 1,2,3-Trichloropropane	12.49	75	91141	51.312	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	91141	94.953	ug/l #	15

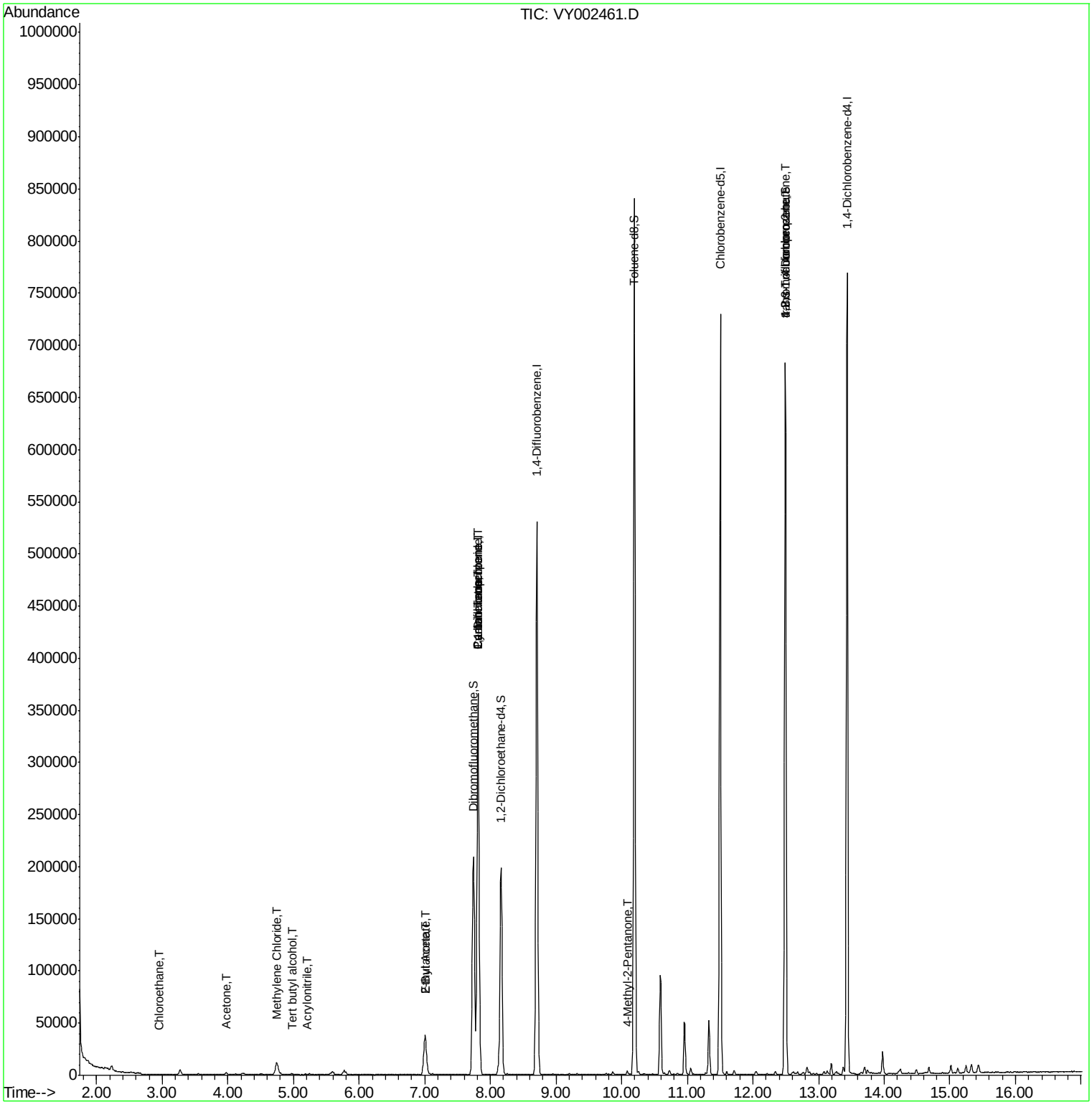
(#) = qualifier out of range (m) = manual integration (+) = signals summed

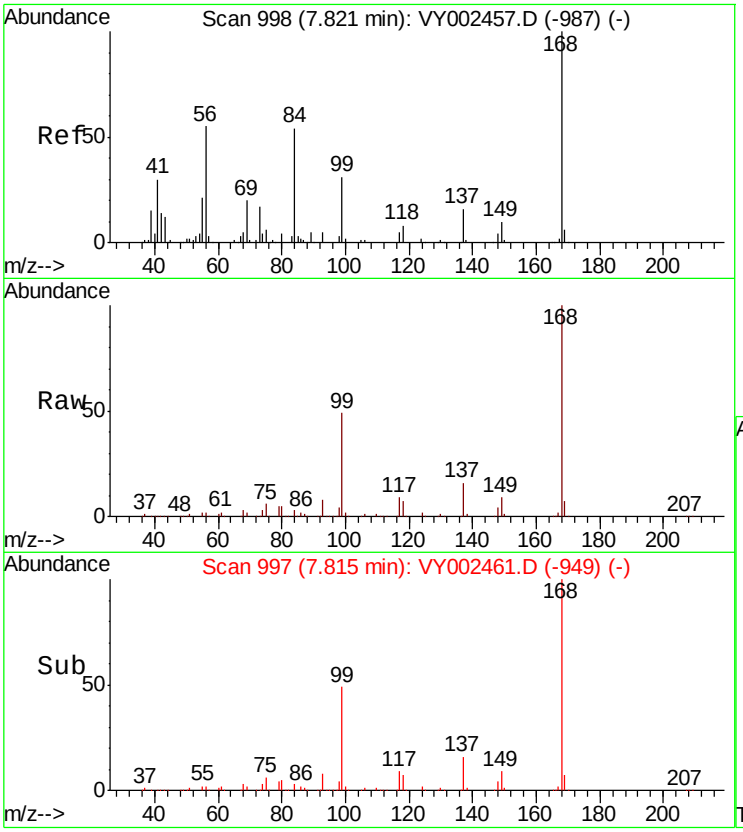
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY042320\
Data File : VY002461.D
Acq On : 23 Apr 2020 15:56
Operator : SY/MD
Sample : VY0423SBL01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 24 01:31:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 14:11:26 2020
Response via : Initial Calibration



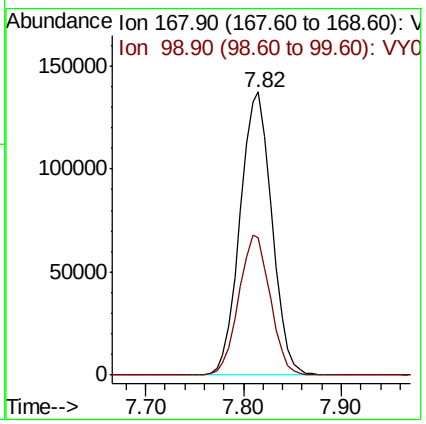


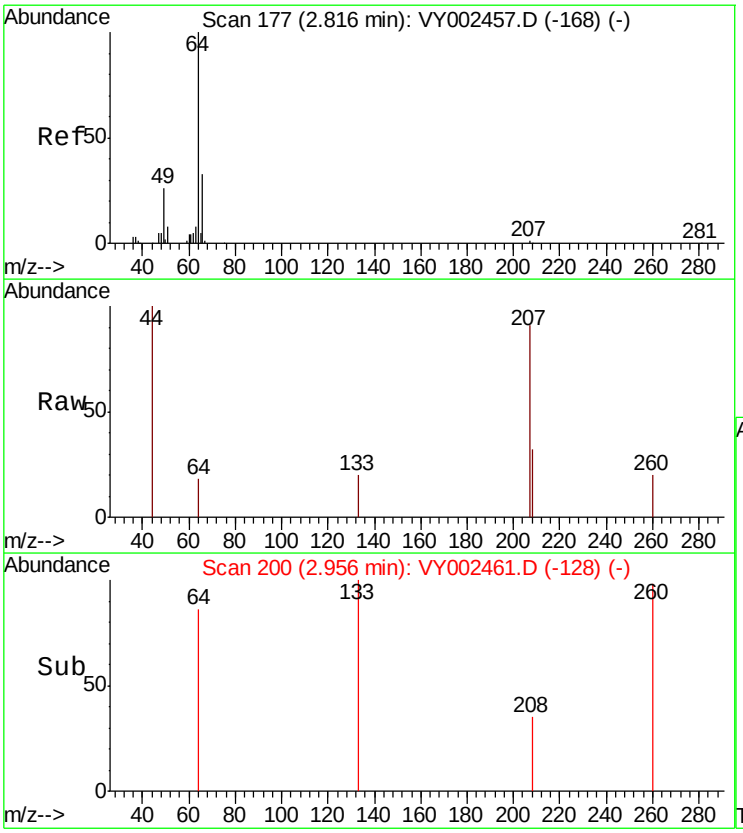
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.01 min
Lab File: VY002461.D
Acq: 23 Apr 2020 15:56

Tgt Ion:168 Resp: 310450

Ion	Ratio	Lower	Upper
168	100		
99	48.8	39.7	59.5

Instrument :
MSVOA_Y
ClientSampleId :

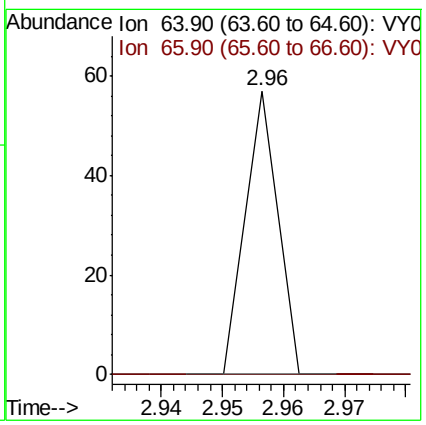


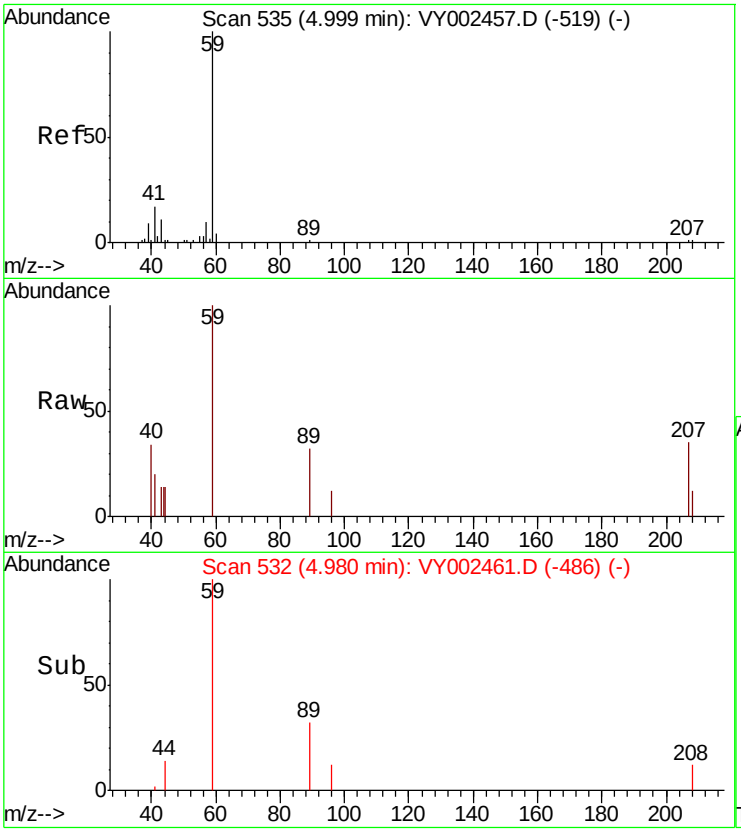


#6
Chloroethane
Concen: 2.872 ug/l
RT: 2.96 min Scan# 200
Delta R.T. 0.14 min
Lab File: VY002461.D
Acq: 23 Apr 2020 15:56

Tgt Ion: 64 Resp: 21

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.6	40.0#



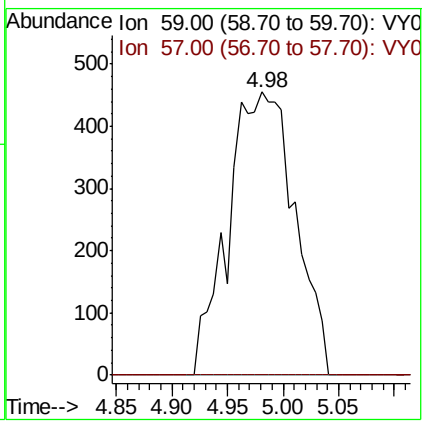


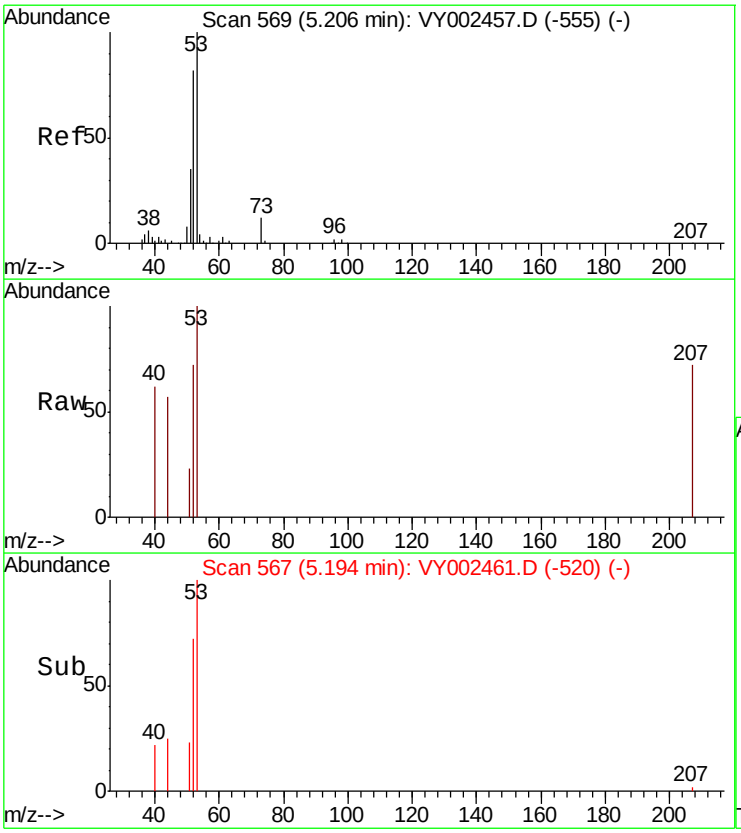
#11
Tert butyl alcohol
Concen: 7.428 ug/l
RT: 4.98 min Scan# 532
Delta R.T. -0.02 min
Lab File: VY002461.D
Acq: 23 Apr 2020 15:56

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 1897

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#

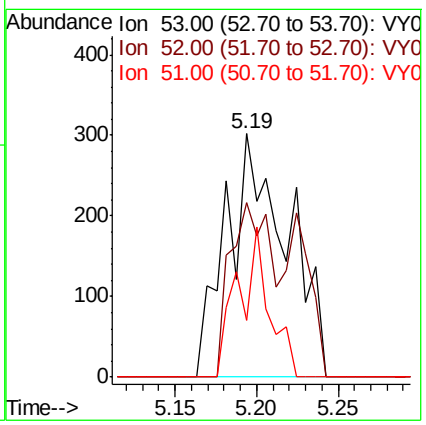


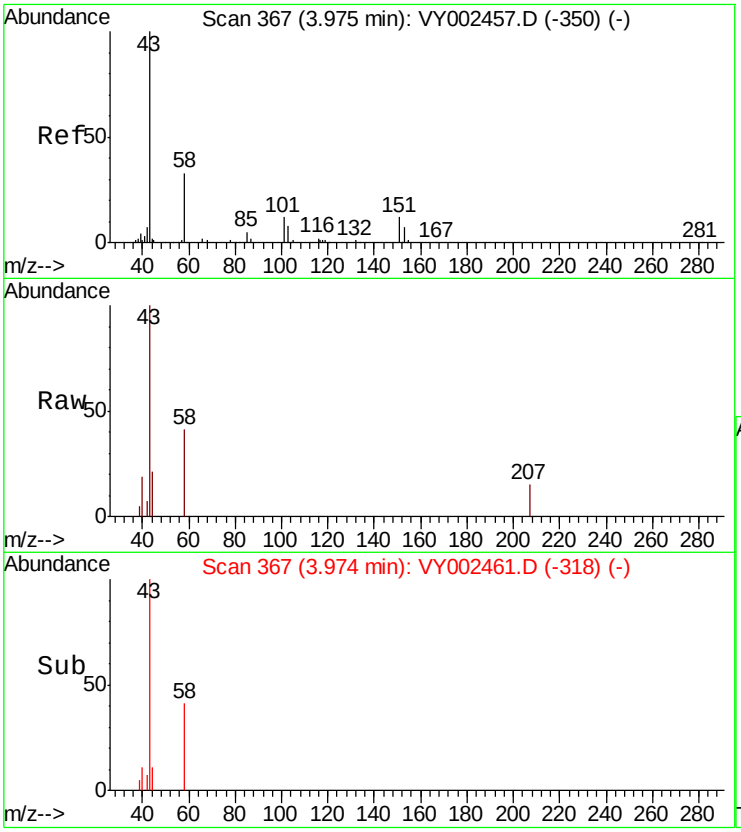


#15
Acrylonitrile
Concen: 1.054 ug/l
RT: 5.19 min Scan# 567
Delta R.T. -0.01 min
Lab File: VY002461.D
Acq: 23 Apr 2020 15:56

Tgt Ion: 53 Resp: 783

Ion	Ratio	Lower	Upper
53	100		
52	47.6	65.4	98.2#
51	31.5	28.3	42.5



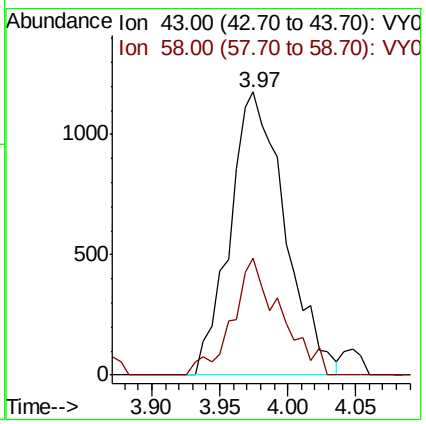


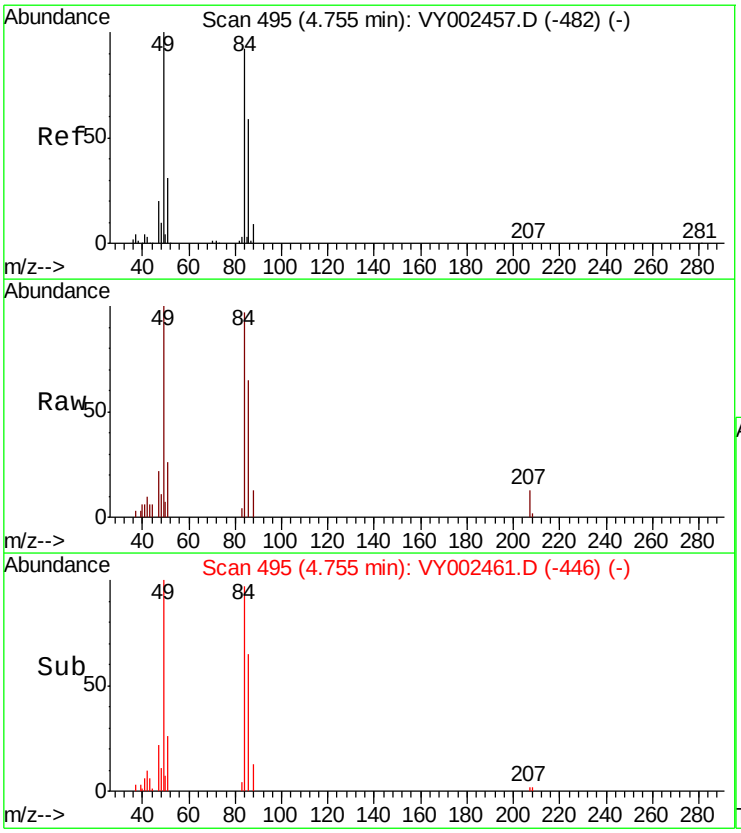
#16
Acetone
Concen: 5.874 ug/l
RT: 3.97 min Scan# 367
Delta R.T. -0.00 min
Lab File: VY002461.D
Acq: 23 Apr 2020 15:56

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 3331

Ion	Ratio	Lower	Upper
43	100		
58	41.2	26.4	39.6#

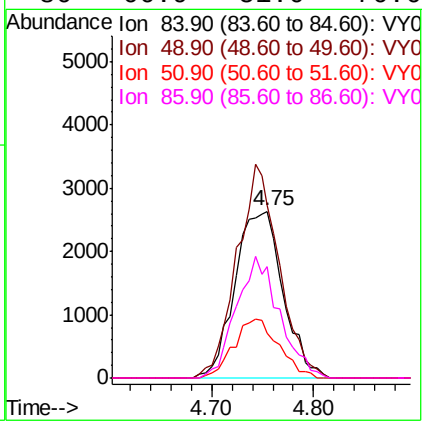


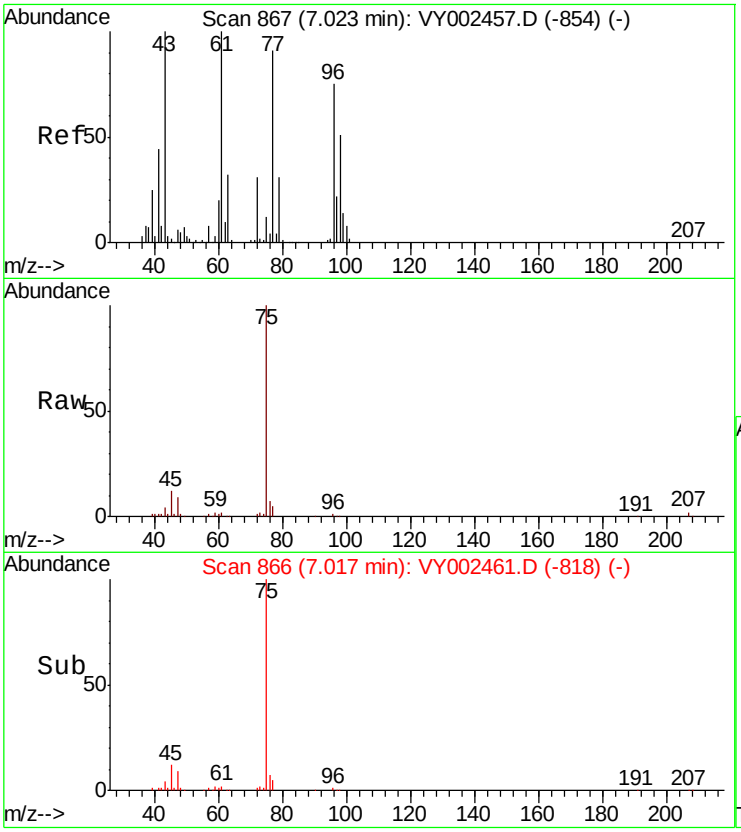


#20
Methylene Chloride
Concen: 2.656 ug/l
RT: 4.75 min Scan# 495
Delta R.T. -0.00 min
Lab File: VY002461.D
Acq: 23 Apr 2020 15:56

Tgt Ion: 84 Resp: 8599

Ion	Ratio	Lower	Upper
84	100		
49	103.3	86.9	130.3
51	27.1	27.3	40.9#
86	66.9	51.0	76.6



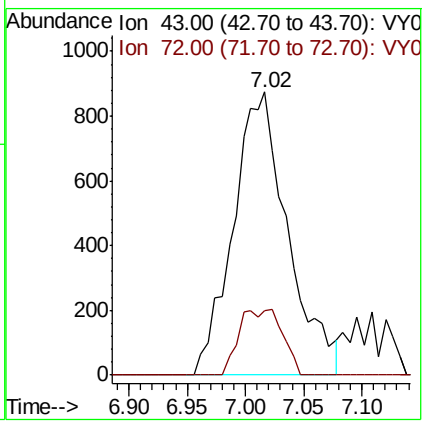


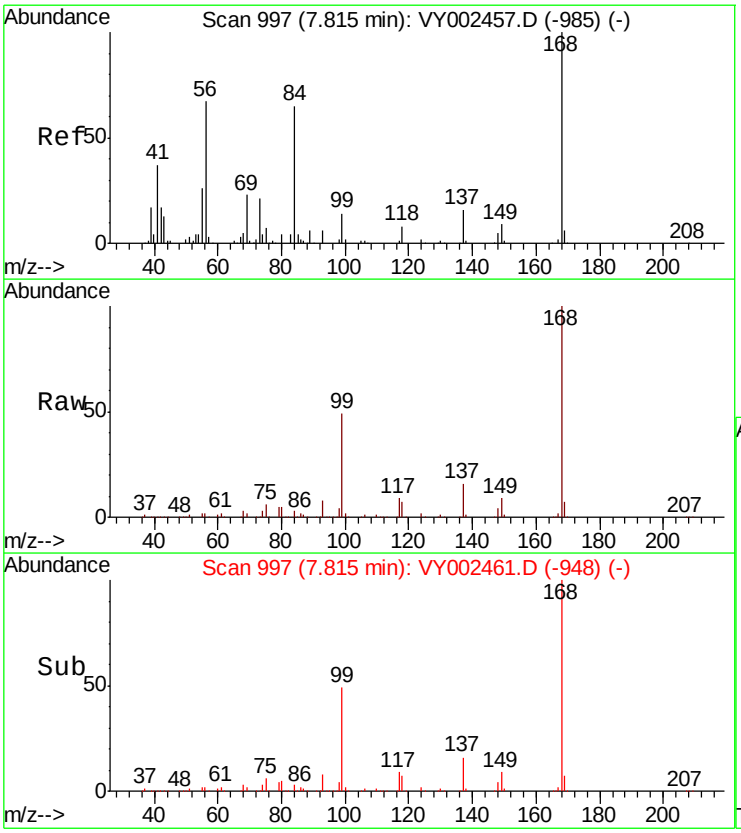
#25
2-Butanone
Concen: 3.284 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.01 min
Lab File: VY002461.D
Acq: 23 Apr 2020 15:56

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 2853

Ion	Ratio	Lower	Upper
43	100		
72	22.9	24.8	37.2#

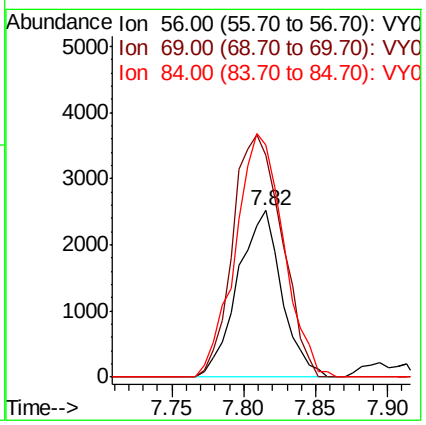


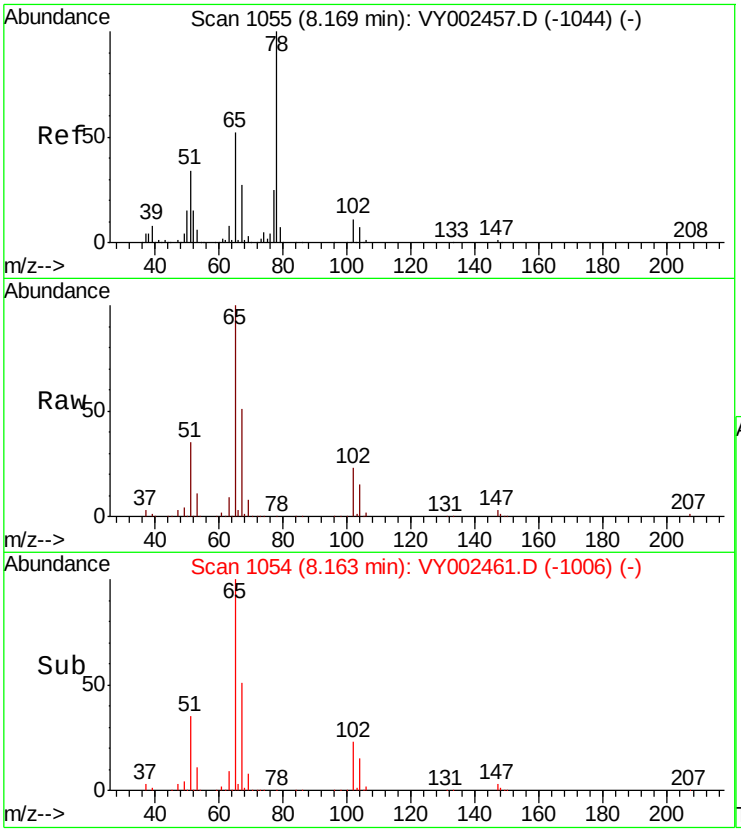


#31
Cyclohexane
Concen: 1.143 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.00 min
Lab File: VY002461.D
Acq: 23 Apr 2020 15:56

Tgt Ion: 56 Resp: 5342

Ion	Ratio	Lower	Upper
56	100		
69	133.6	27.0	40.6#
84	140.0	77.4	116.2#



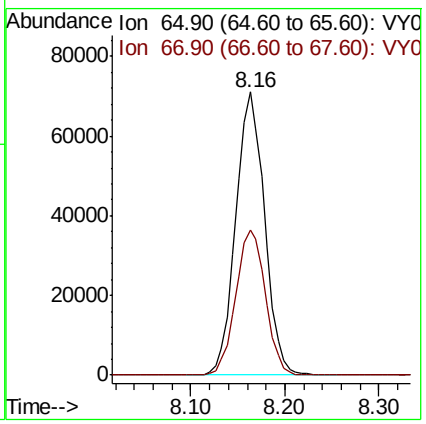


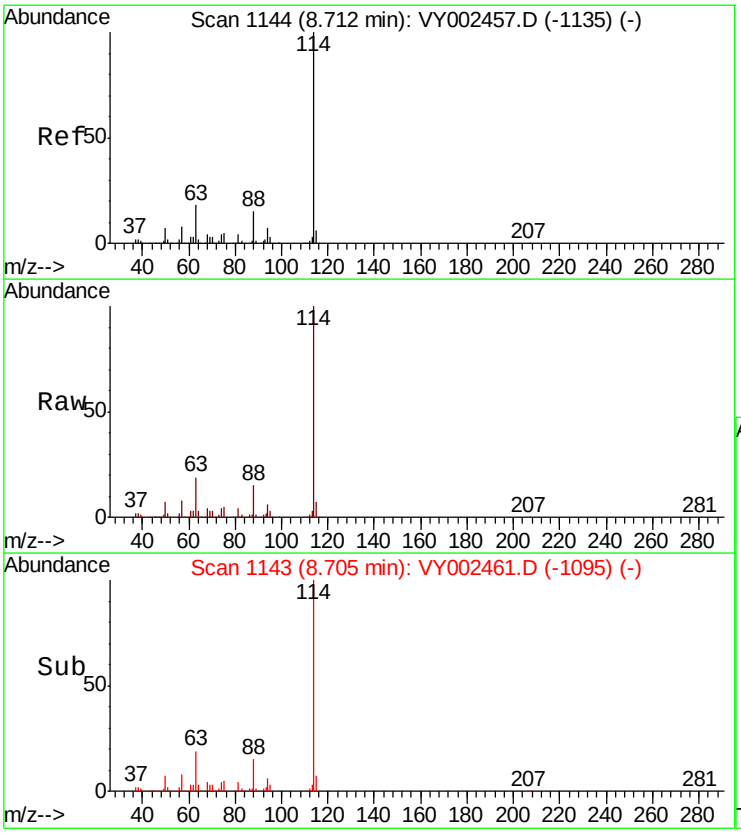
#33
1,2-Dichloroethane-d4
Concen: 55.914 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002461.D
Acq: 23 Apr 2020 15:56

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 151719

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	104.2

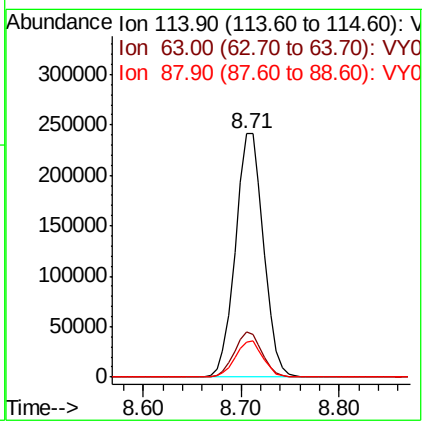


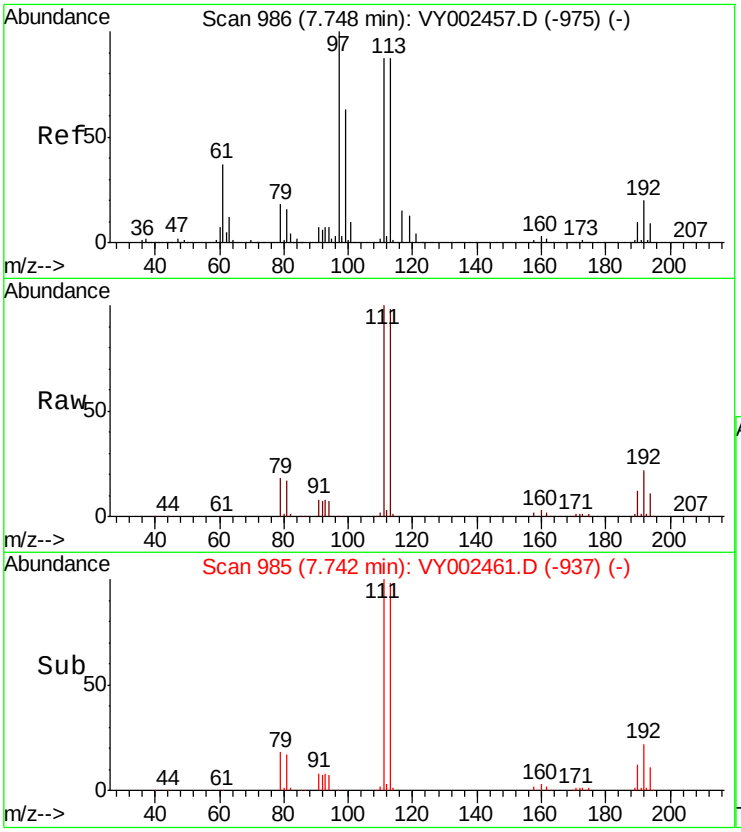


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1143
Delta R.T. -0.01 min
Lab File: VY002461.D
Acq: 23 Apr 2020 15:56

Tgt Ion:114 Resp: 480532

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	35.6
88	14.6	0.0	29.4



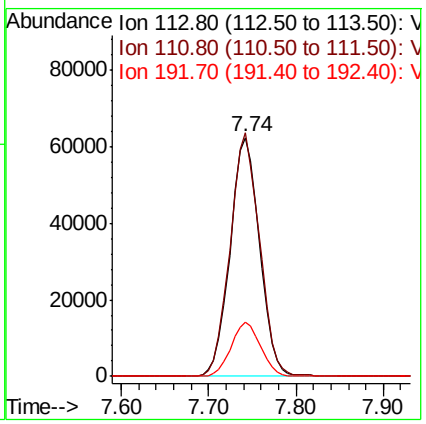


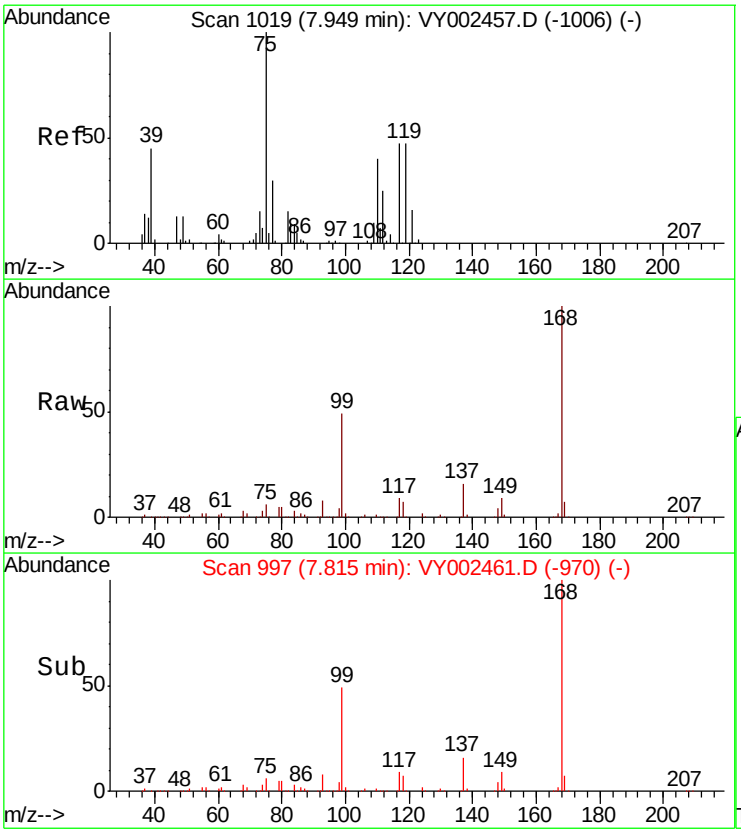
#35
Dibromofluoromethane
Concen: 54.063 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.01 min
Lab File: VY002461.D
Acq: 23 Apr 2020 15:56

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 146536

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.0	121.4
192	22.8	18.6	27.8

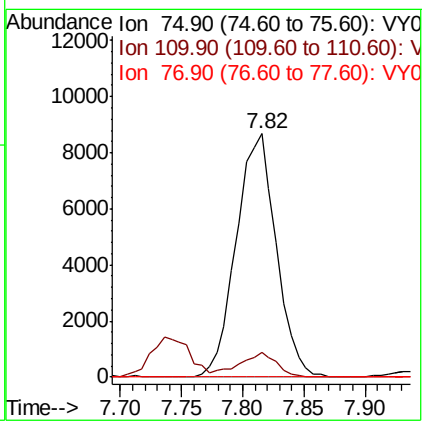


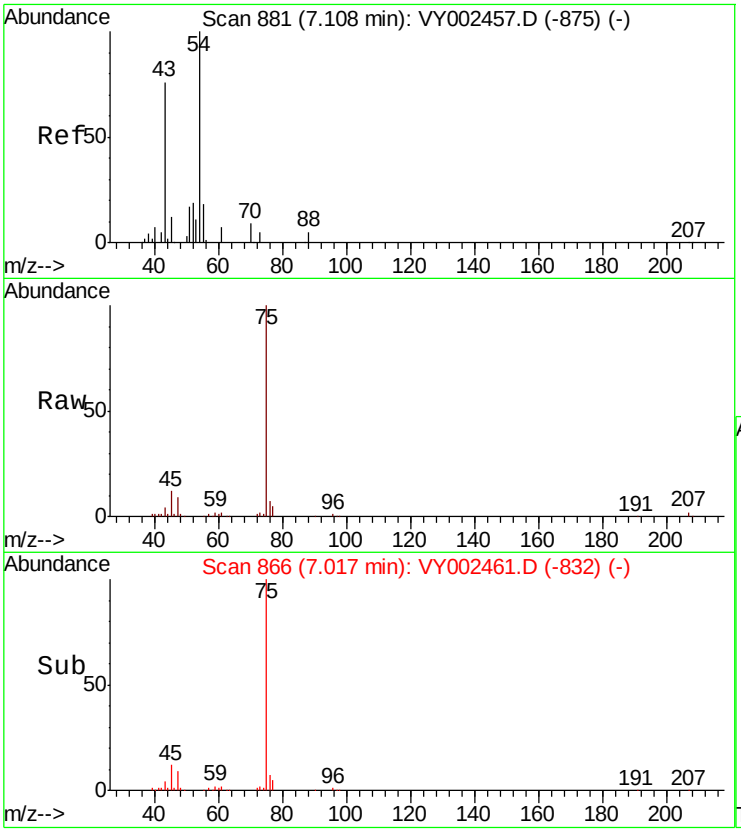


#36
1,1-Dichloropropene
Concen: 4.778 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.13 min
Lab File: VY002461.D
Acq: 23 Apr 2020 15:56

Tgt Ion: 75 Resp: 19687

Ion	Ratio	Lower	Upper
75	100		
110	9.2	19.4	58.4#
77	0.0	24.7	37.1#



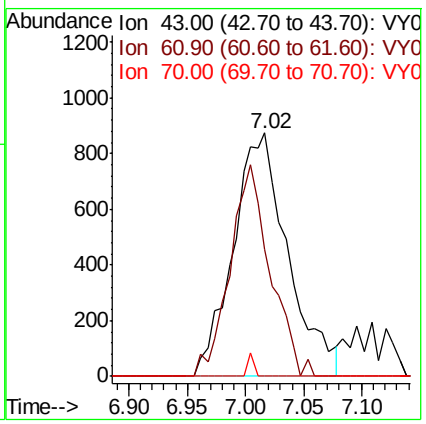


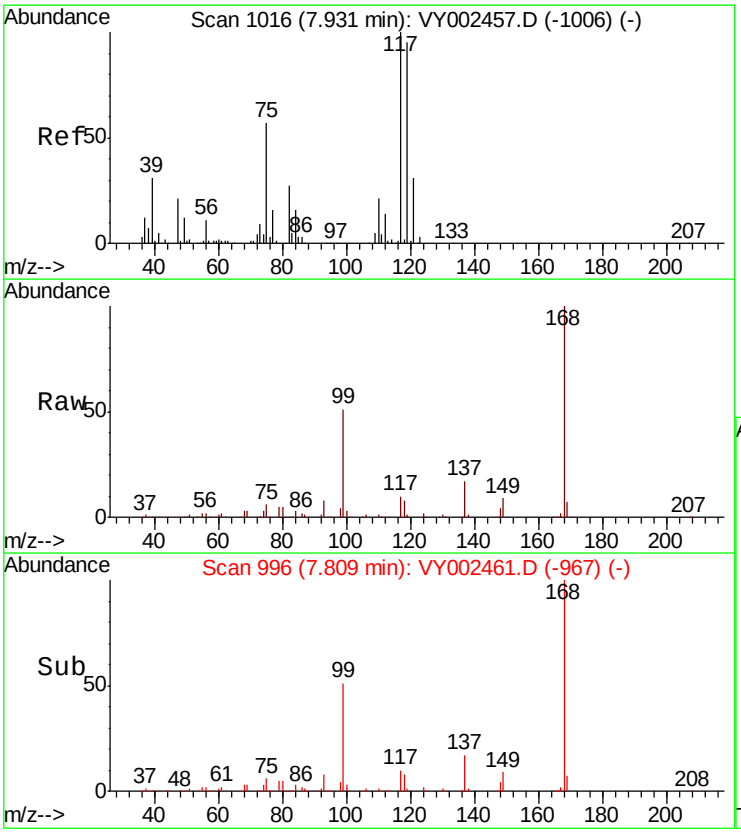
#37
Ethyl Acetate
Concen: 1.378 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.09 min
Lab File: VY002461.D
Acq: 23 Apr 2020 15:56

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 2853

Ion	Ratio	Lower	Upper
43	100		
61	63.8	11.8	17.8#
70	1.1	9.3	13.9#

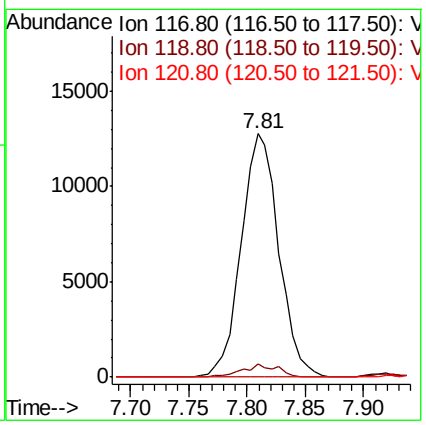


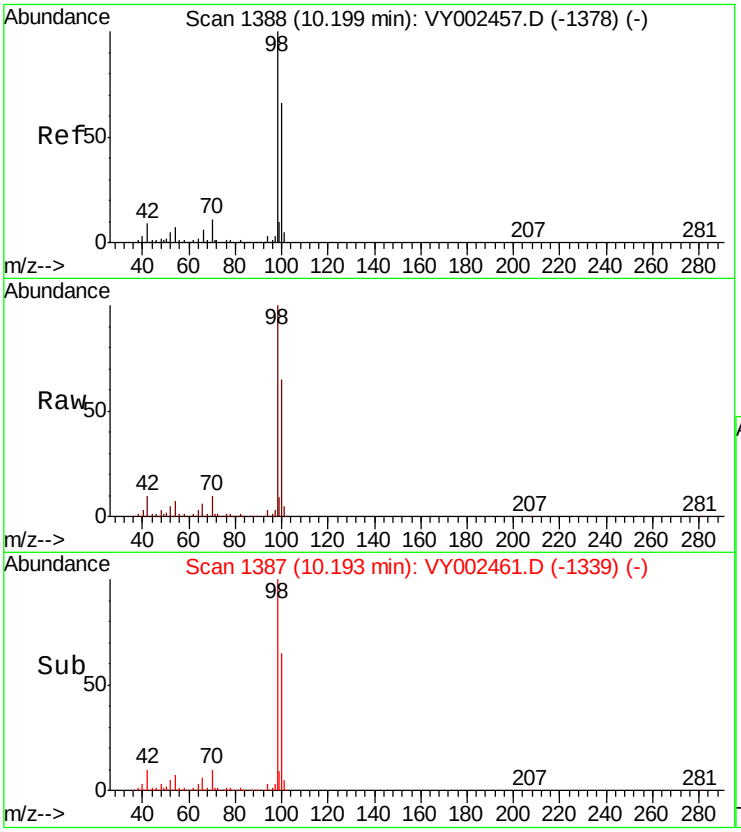


#38
Carbon Tetrachloride
Concen: 6.050 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.12 min
Lab File: VY002461.D
Acq: 23 Apr 2020 15:56

Tgt Ion:117 Resp: 28668

Ion	Ratio	Lower	Upper
117	100		
119	5.4	75.9	113.9#
121	0.0	24.5	36.7#



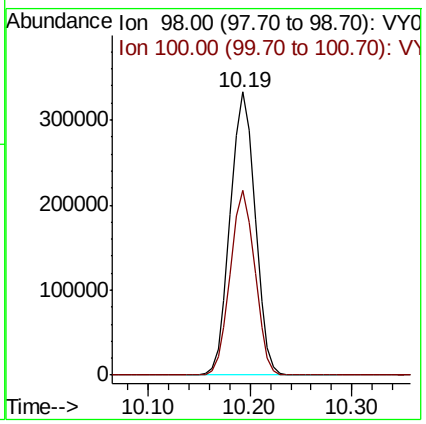


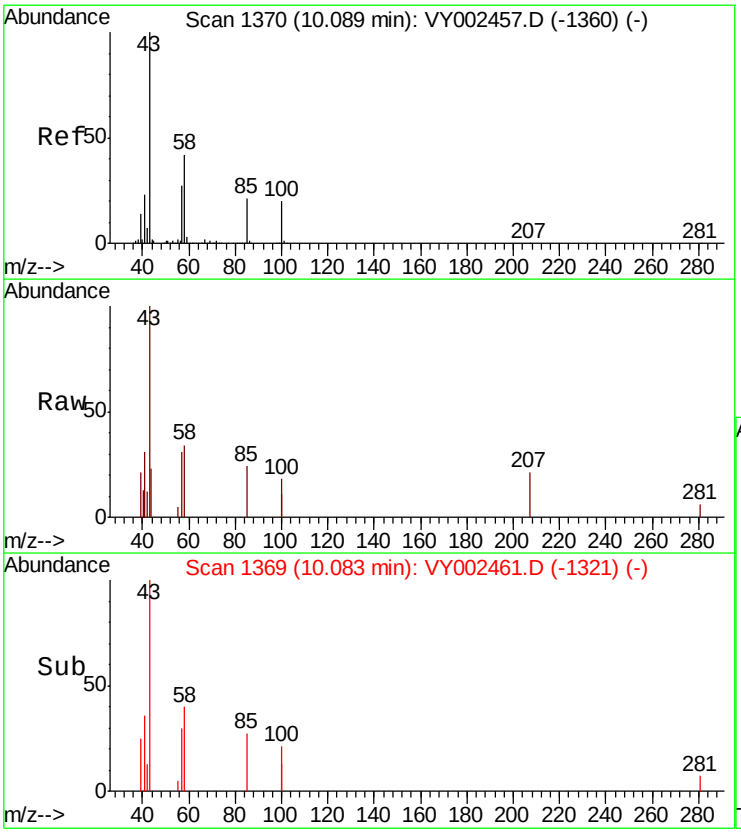
#50
Toluene-d8
Concen: 51.601 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VY002461.D
Acq: 23 Apr 2020 15:56

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 562140

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.1	76.7

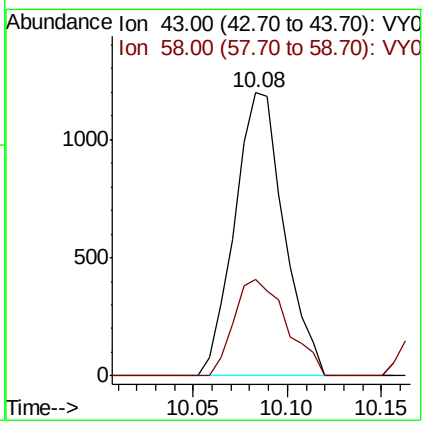


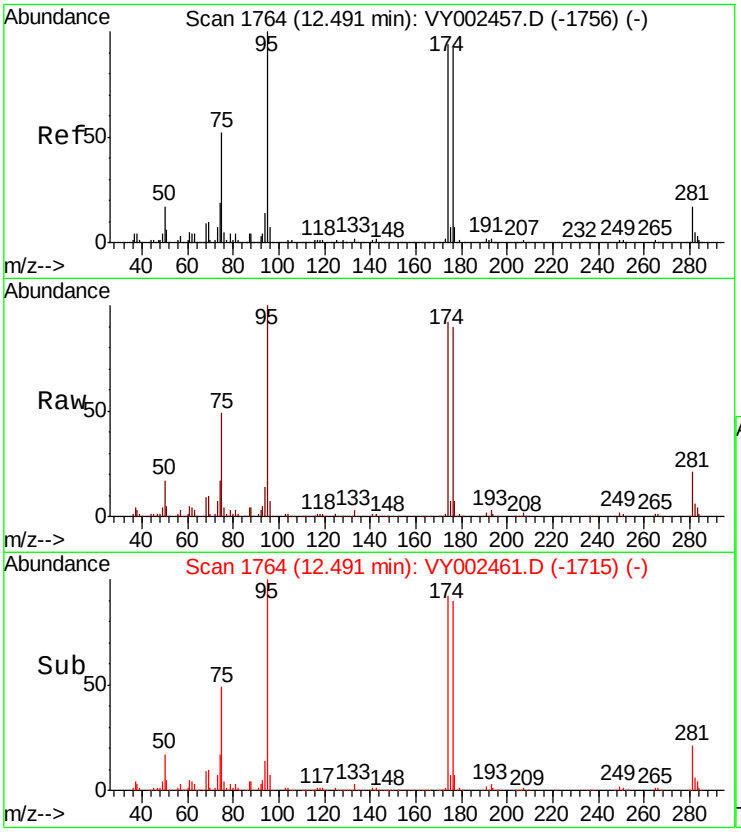


#51
4-Methyl-2-Pentanone
Concen: 1.082 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. -0.01 min
Lab File: VY002461.D
Acq: 23 Apr 2020 15:56

Tgt Ion: 43 Resp: 2176

Ion	Ratio	Lower	Upper
43	100		
58	36.6	33.2	49.8



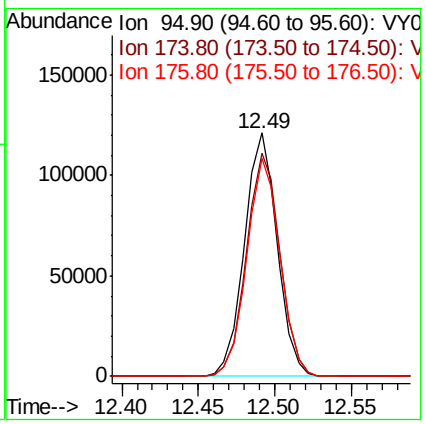


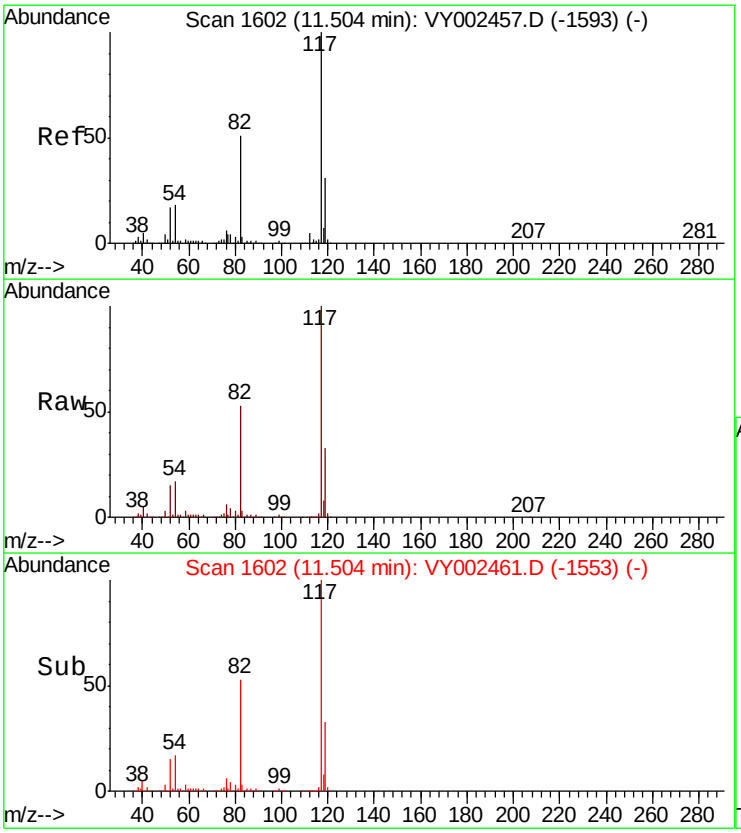
#62
4-Bromofluorobenzene
Concen: 49.313 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VY002461.D
Acq: 23 Apr 2020 15:56

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 180257

Ion	Ratio	Lower	Upper
95	100		
174	93.8	0.0	193.0
176	90.9	0.0	190.4

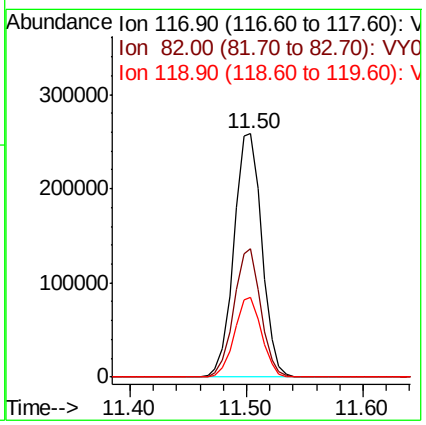


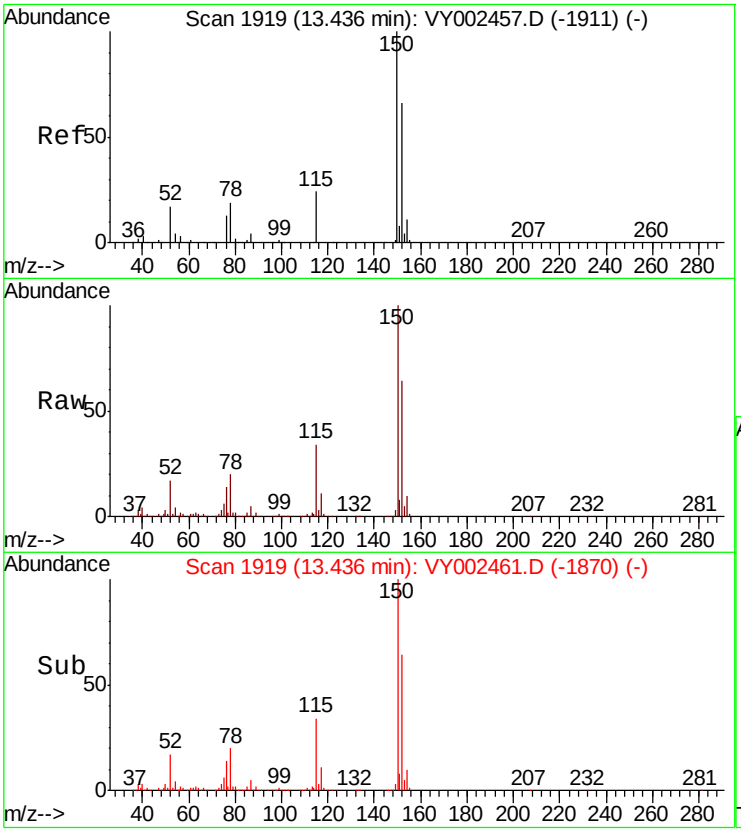


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY002461.D
Acq: 23 Apr 2020 15:56

Tgt Ion:117 Resp: 432211

Ion	Ratio	Lower	Upper
117	100		
82	52.7	40.8	61.2
119	33.0	25.2	37.8



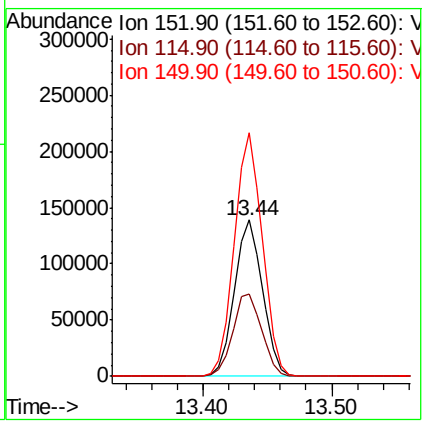


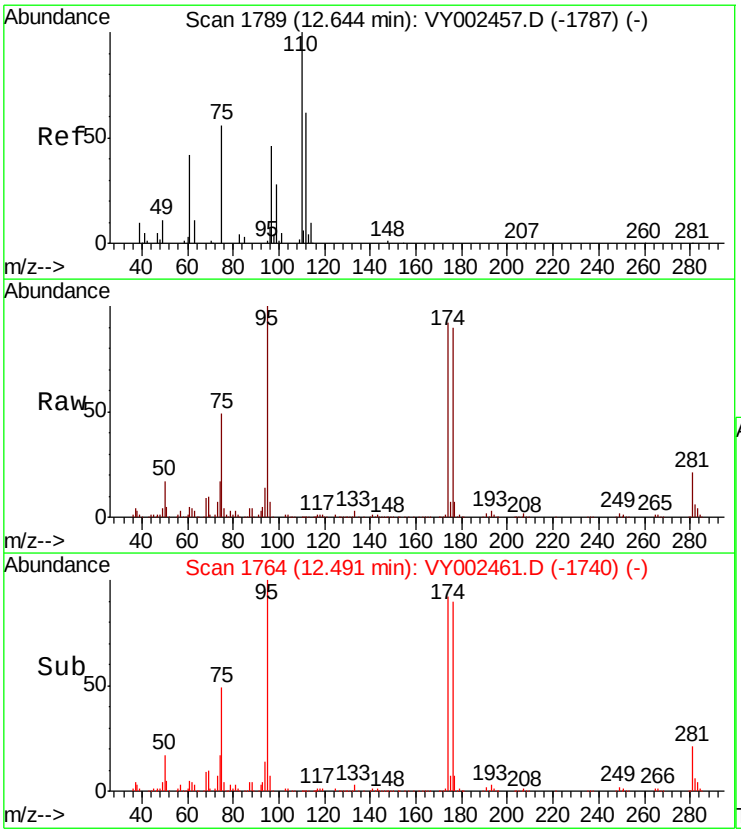
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002461.D
Acq: 23 Apr 2020 15:56

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 209567

Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.3	81.8
150	155.5	0.0	346.8

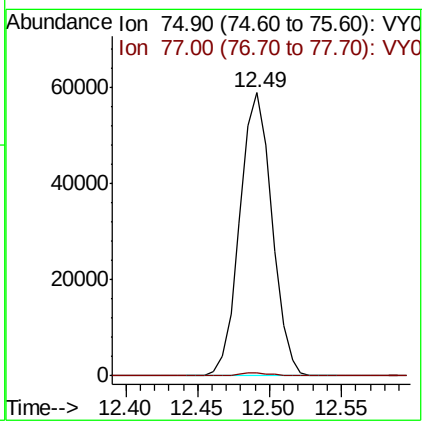


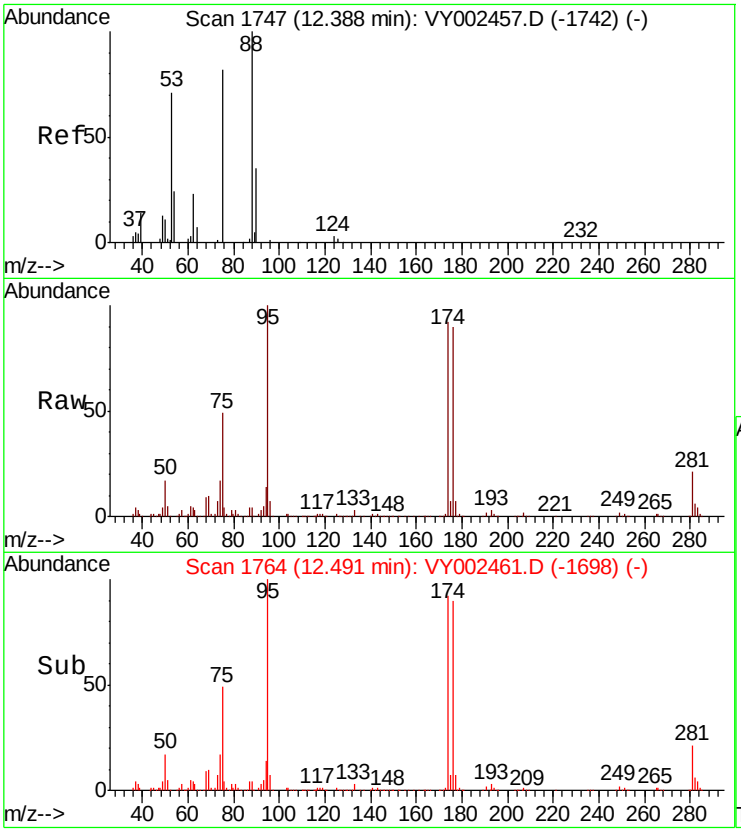


#76
1,2,3-Trichloropropane
Concen: 51.312 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.15 min
Lab File: VY002461.D
Acq: 23 Apr 2020 15:56

Tgt Ion: 75 Resp: 91141

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 94.953 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.10 min
Lab File: VY002461.D
Acq: 23 Apr 2020 15:56

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 91141

Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.0	105.0#
89	0.2	34.9	52.3#