Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY021920\
Data File : VY001709.D
Acq On : 19 Feb 2020 19:05
Operator : SY/MD
Sample : L1589-06
Misc : 6.91G/5ML/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Feb 20 05:42:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	179526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	333278	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	297860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	132549	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	110043	56.99	ug/l	0.00
Spiked Amount 50.000			Recovery =	113.98%		
35) Dibromofluoromethane	7.75	113	96819	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.44%		
50) Toluene-d8	10.20	98	401421	53.68	ug/l	0.00
Spiked Amount 50.000			Recovery =	107.36%		
62) 4-Bromofluorobenzene	12.49	95	139271	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.88%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.00	59	23	Below Cal	#	74
16) Acetone	3.98	43	3202	4.792	ug/l #	81
20) Methylene Chloride	4.75	84	7209	3.037	ug/l	94
31) Cyclohexane	7.82	56	4250	1.048	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	15228	4.783	ug/l #	50
38) Carbon Tetrachloride	7.82	117	17799	6.365	ug/l #	16
51) 4-Methyl-2-Pentanone	10.19	43	1962	1.059	ug/l #	1
52) Toluene	10.26	92	6939	1.188	ug/l	93
59) 2-Hexanone	10.82	43	1749	1.258	ug/l #	23
68) m/p-Xylenes	11.71	106	7479	1.814	ug/l	90
76) 1,2,3-Trichloropropane	12.49	75	70868	46.608	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	70868	88.423	ug/l #	17
84) 1,2,4-Trimethylbenzene	13.13	105	11417	1.370	ug/l	97

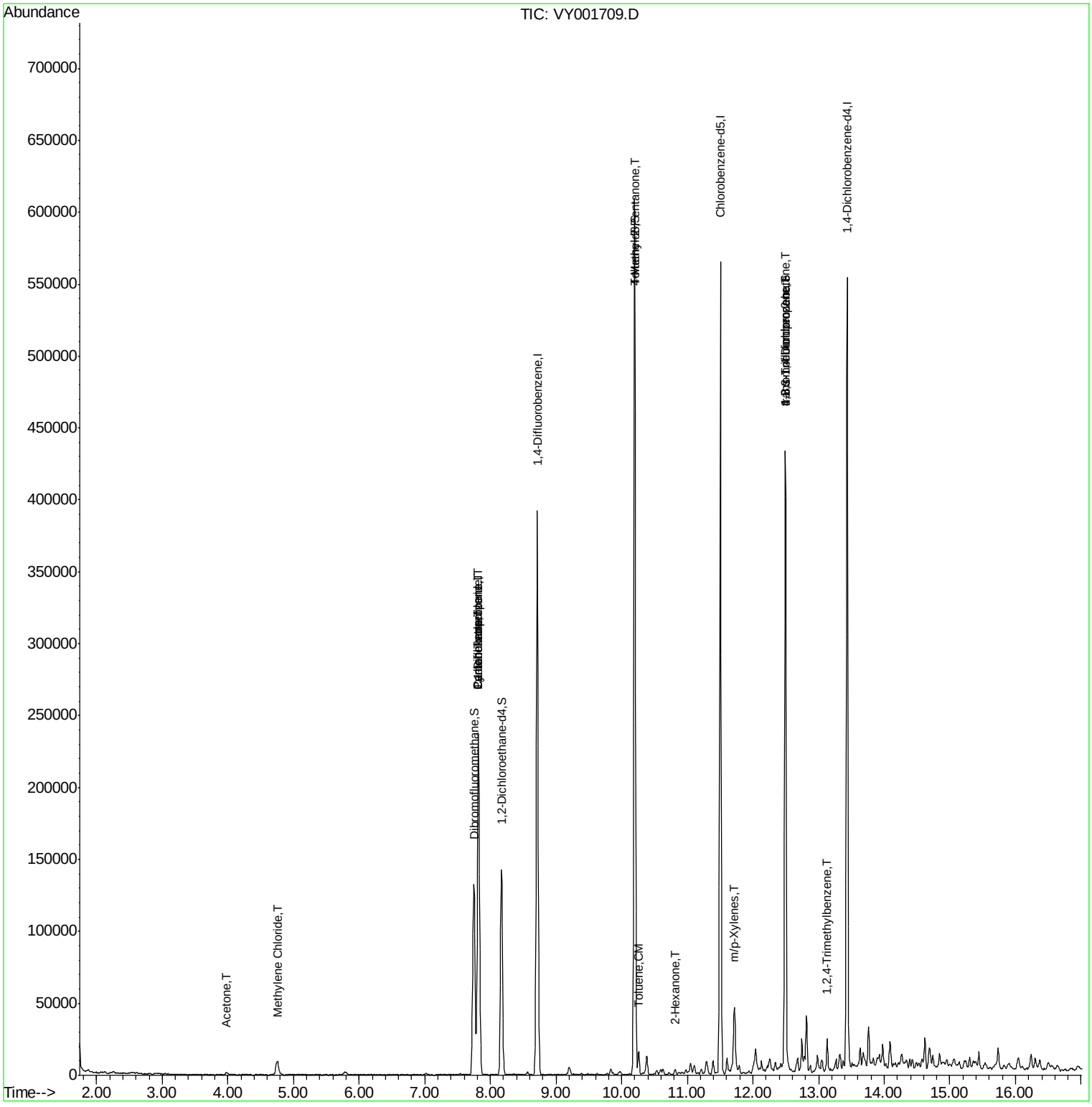
(#) = qualifier out of range (m) = manual integration (+) = signals summed

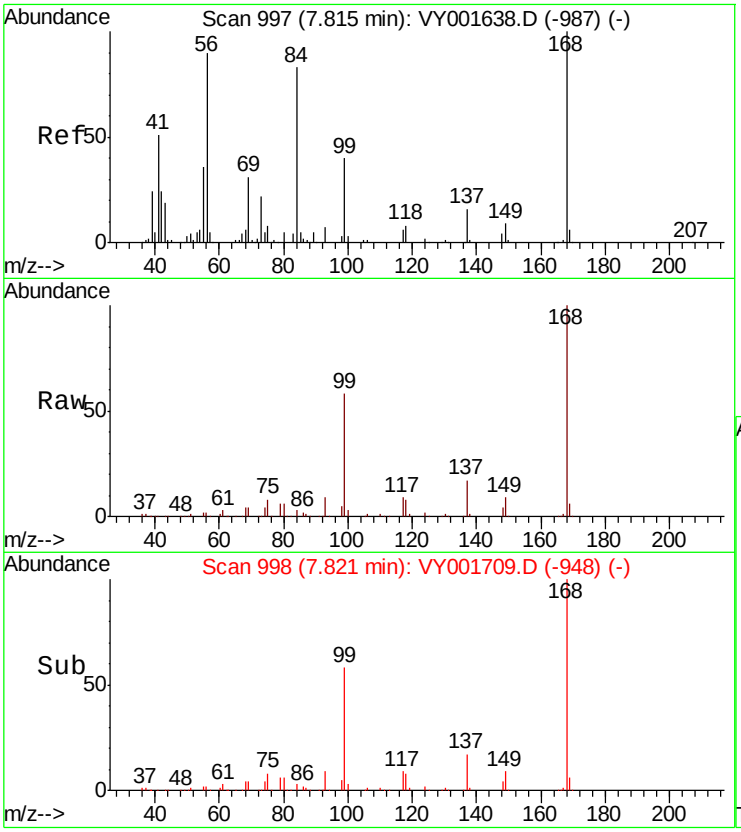
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY021920\
Data File : VY001709.D
Acq On : 19 Feb 2020 19:05
Operator : SY/MD
Sample : L1589-06
Misc : 6.91G/5ML/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 20 05:42:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration



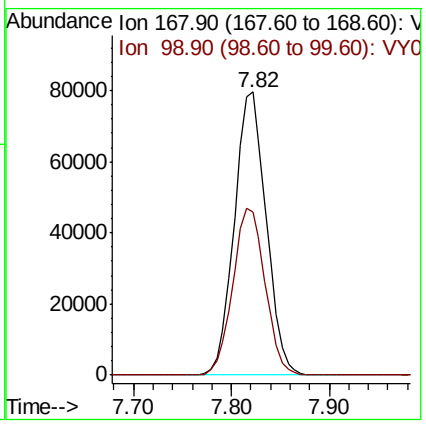


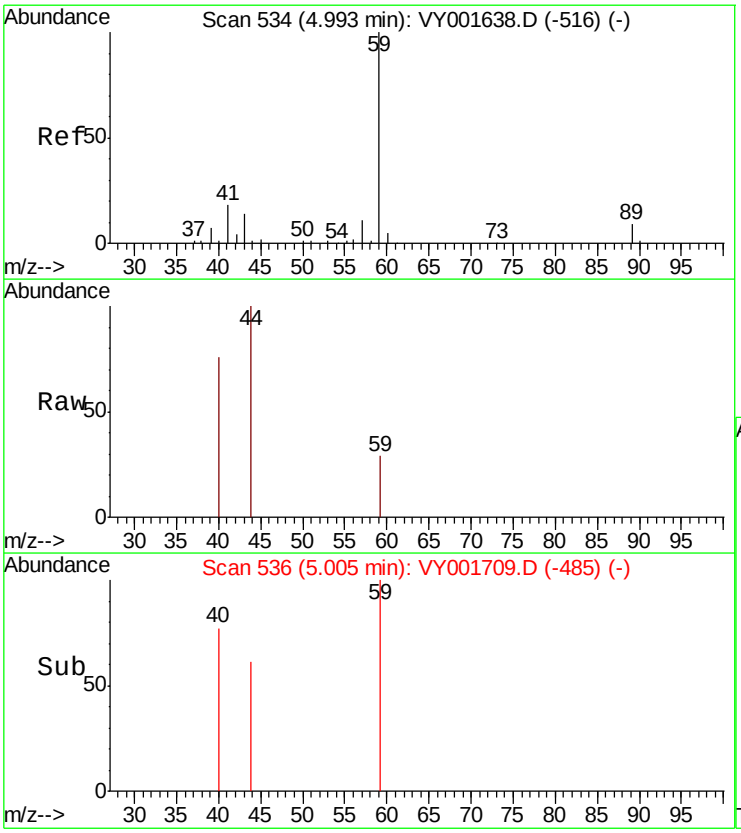
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.01 min
Lab File: VY001709.D
Acq: 19 Feb 2020 19:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 179526

Ion	Ratio	Lower	Upper
168	100		
99	57.8	47.5	71.3

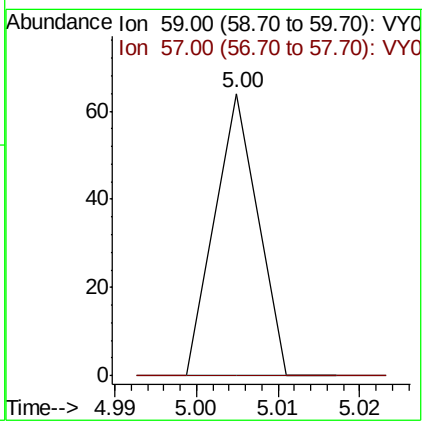


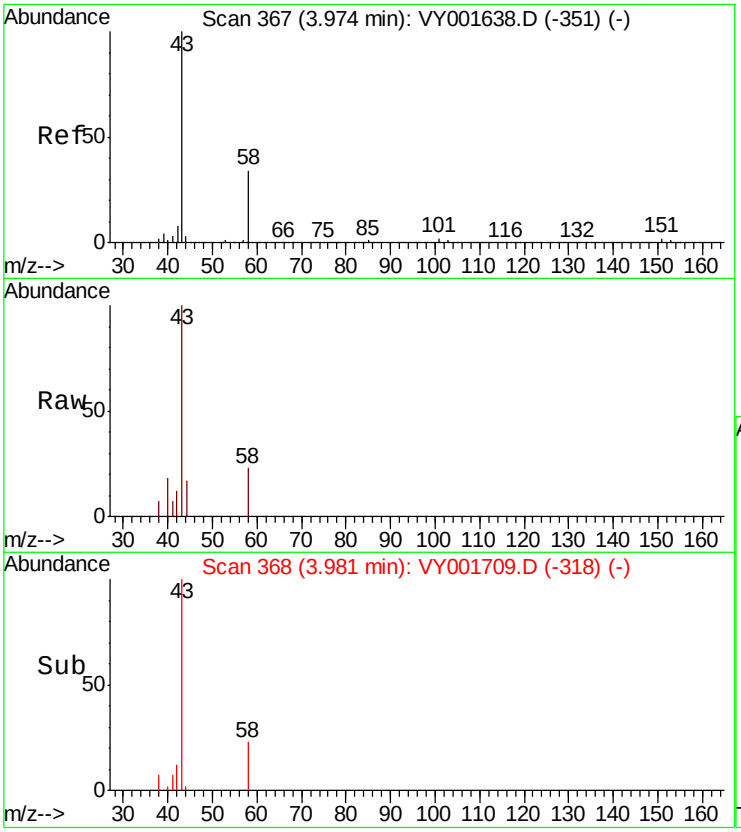


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.00 min Scan# 536
Delta R.T. 0.01 min
Lab File: VY001709.D
Acq: 19 Feb 2020 19:05

Tgt Ion: 59 Resp: 23

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.2#



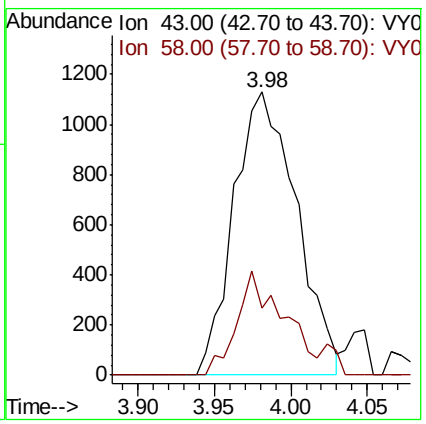


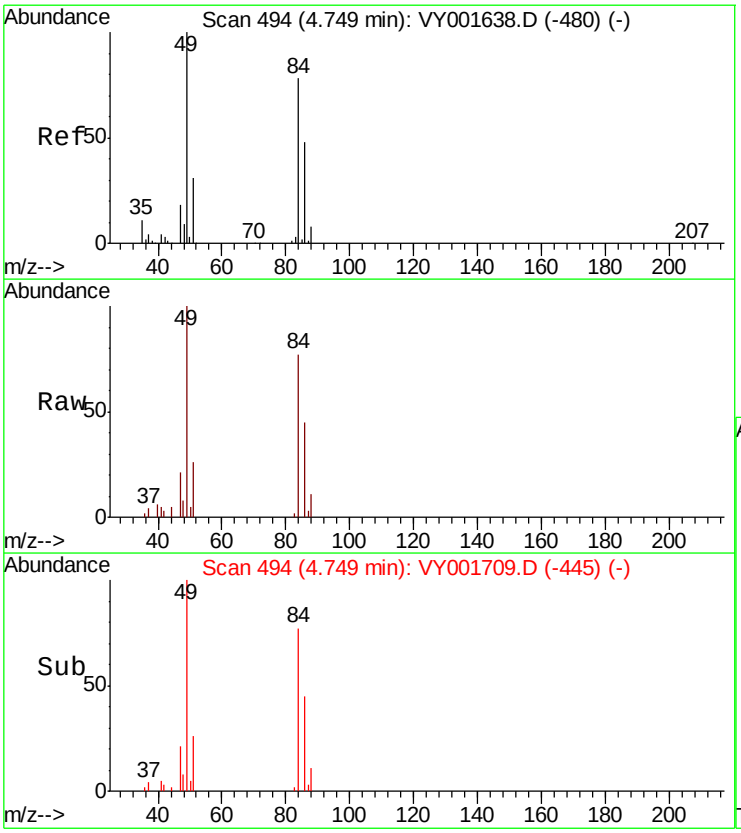
#16
Acetone
Concen: 4.792 ug/l
RT: 3.98 min Scan# 368
Delta R.T. 0.01 min
Lab File: VY001709.D
Acq: 19 Feb 2020 19:05

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 3202

Ion	Ratio	Lower	Upper
43	100		
58	23.5	27.3	40.9#

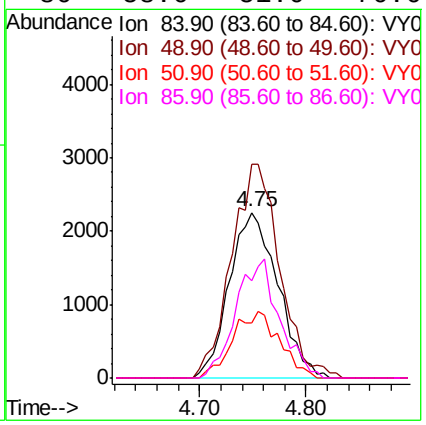


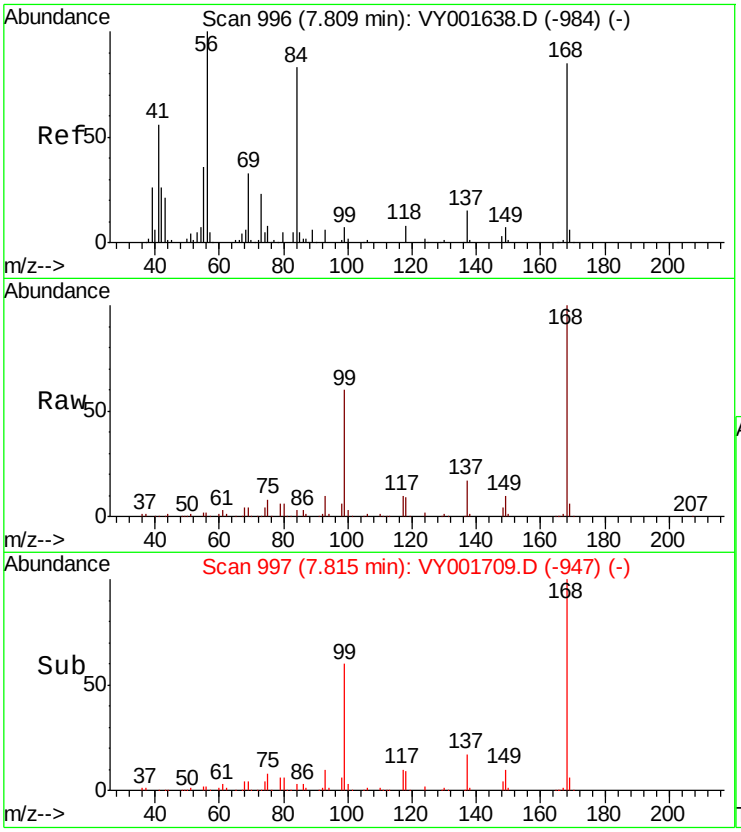


#20
Methylene Chloride
Concen: 3.037 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.00 min
Lab File: VY001709.D
Acq: 19 Feb 2020 19:05

Tgt Ion: 84 Resp: 7209

Ion	Ratio	Lower	Upper
84	100		
49	129.2	99.2	148.8
51	33.0	31.5	47.3
86	58.6	51.0	76.6



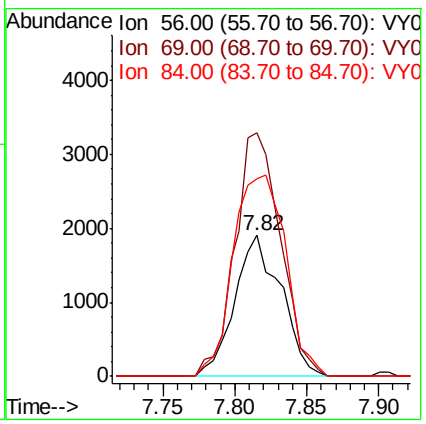


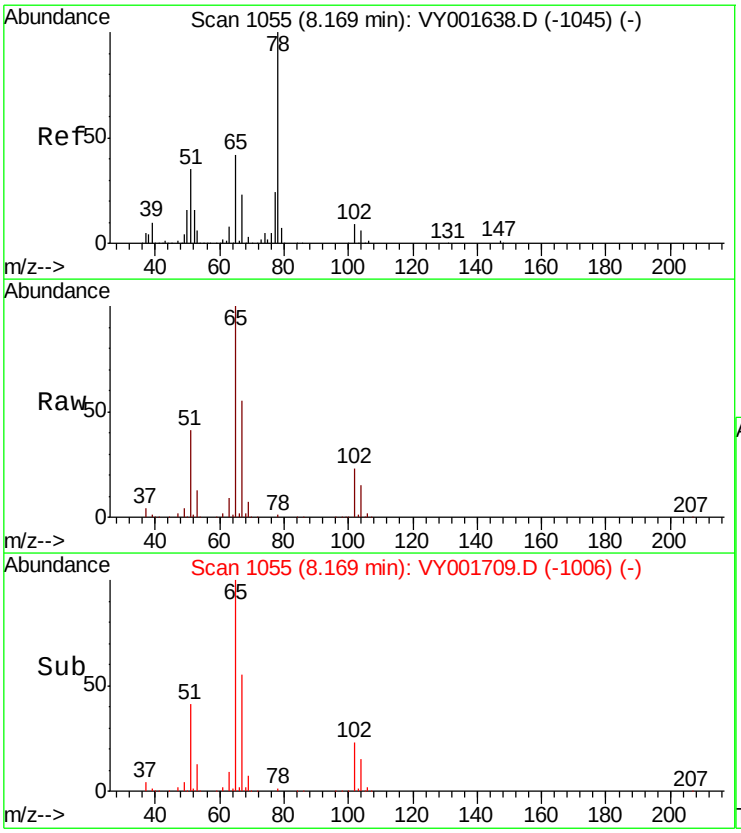
#31
Cyclohexane
Concen: 1.048 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY001709.D
Acq: 19 Feb 2020 19:05

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 4250

Ion	Ratio	Lower	Upper
56	100		
69	173.2	25.1	37.7#
84	140.7	66.9	100.3#

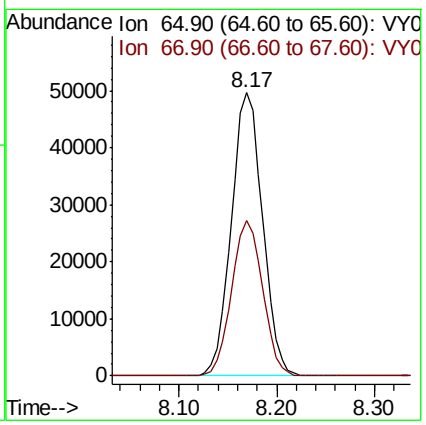


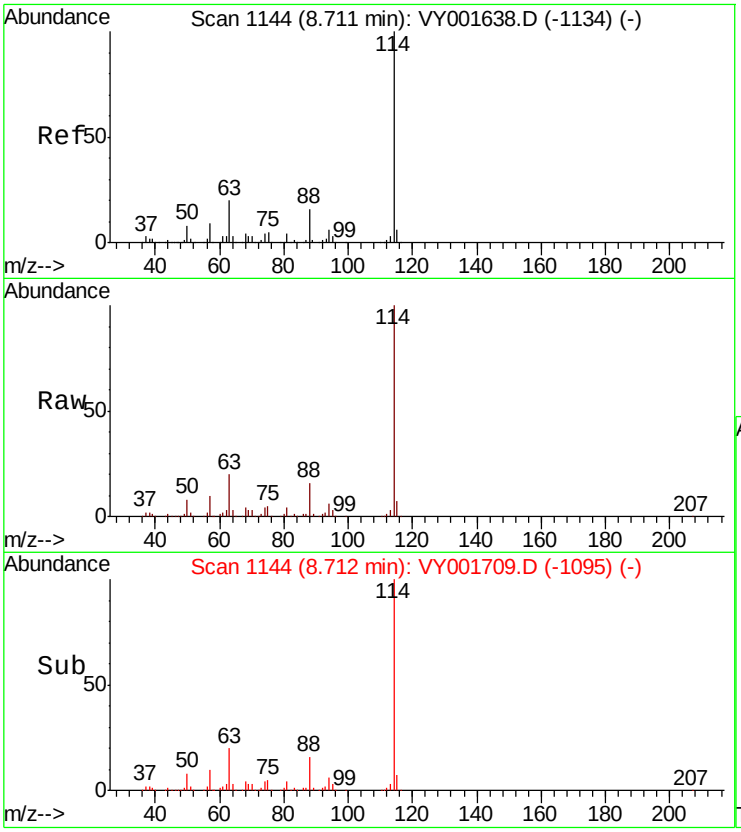


#33
1,2-Dichloroethane-d4
Concen: 56.986 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001709.D
Acq: 19 Feb 2020 19:05

Tgt Ion: 65 Resp: 110043

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	111.0



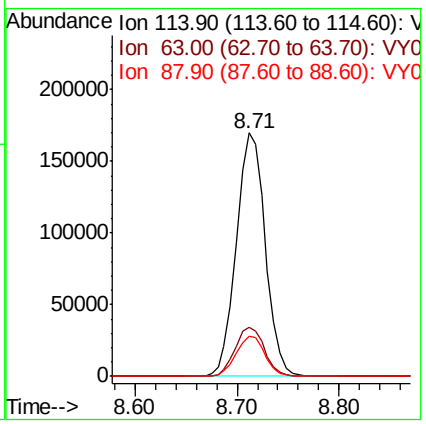


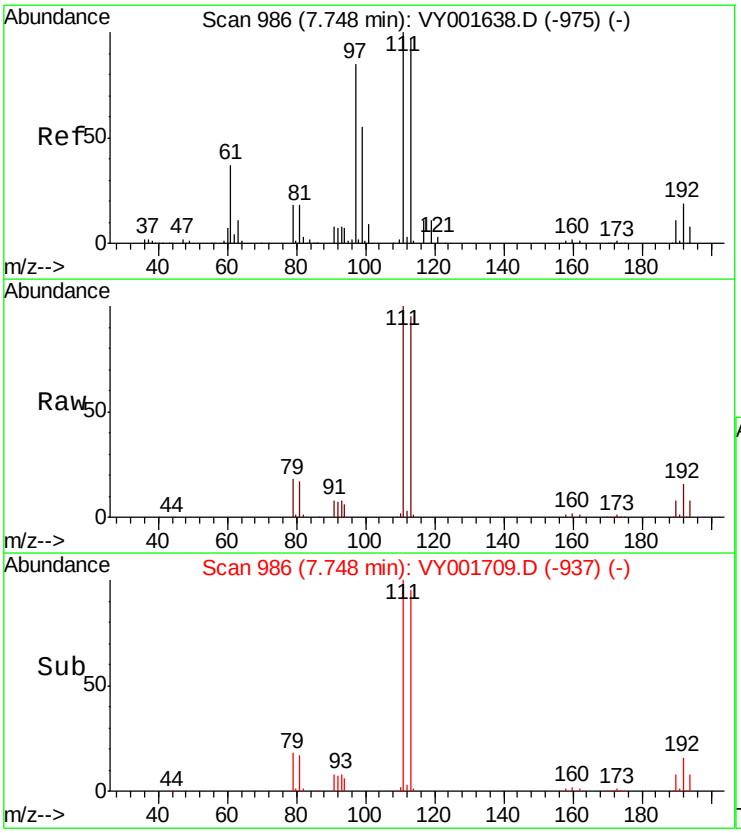
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VY001709.D
Acq: 19 Feb 2020 19:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 333278

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	41.4
88	16.4	0.0	32.8

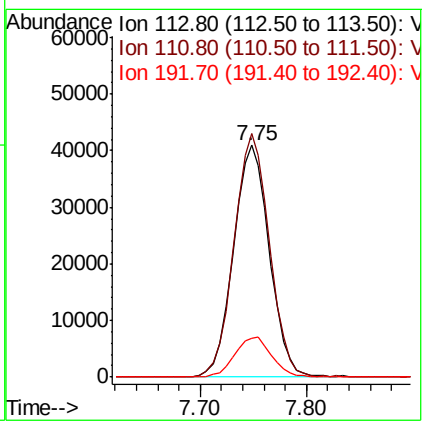


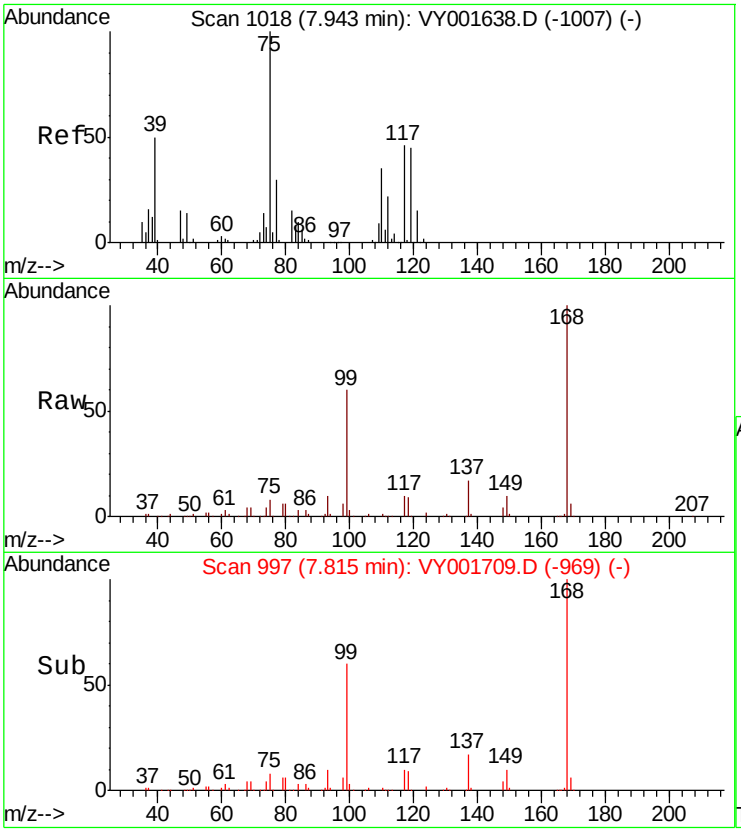


#35
Dibromofluoromethane
Concen: 50.721 ug/l
RT: 7.75 min Scan# 986
Delta R.T. 0.00 min
Lab File: VY001709.D
Acq: 19 Feb 2020 19:05

Tgt Ion:113 Resp: 96819

Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.9	122.9
192	17.7	14.3	21.5



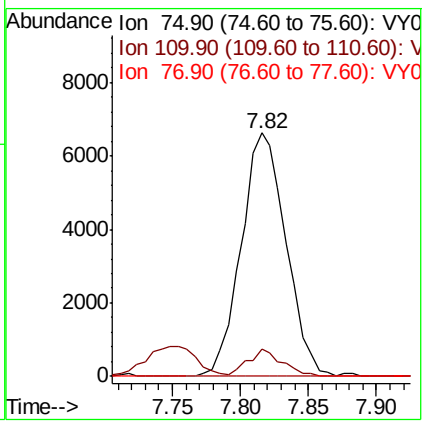


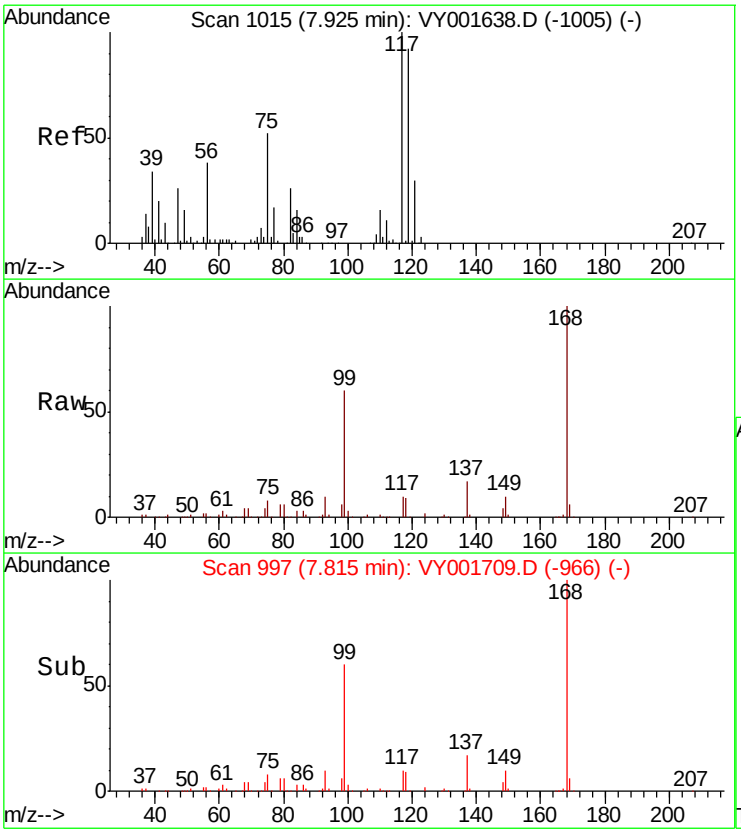
#36
1,1-Dichloropropene
Concen: 4.783 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.13 min
Lab File: VY001709.D
Acq: 19 Feb 2020 19:05

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 15228

Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.2	51.6#
77	0.0	24.8	37.2#

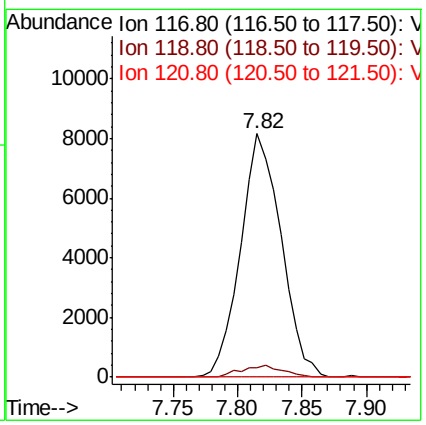


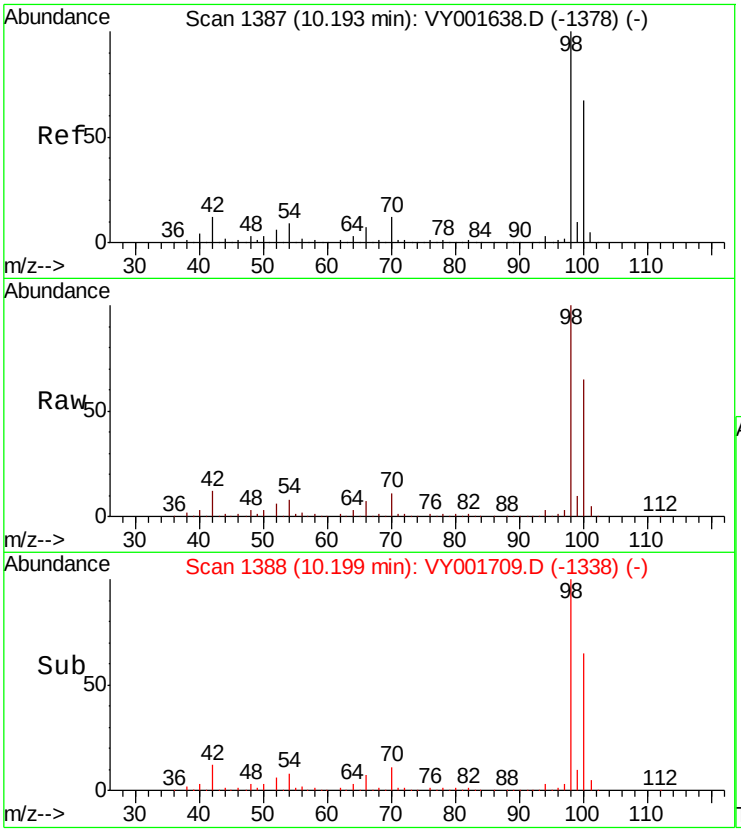


#38
Carbon Tetrachloride
Concen: 6.365 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.11 min
Lab File: VY001709.D
Acq: 19 Feb 2020 19:05

Tgt Ion:117 Resp: 17799

Ion	Ratio	Lower	Upper
117	100		
119	4.1	74.8	112.2#
121	0.0	23.8	35.6#



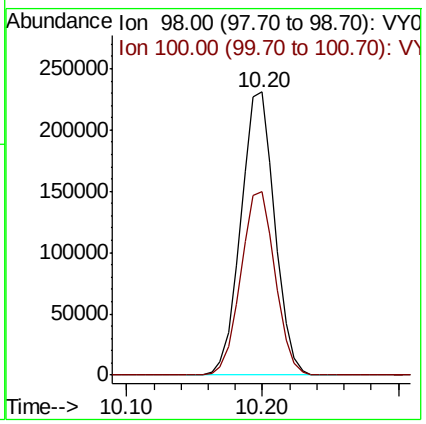


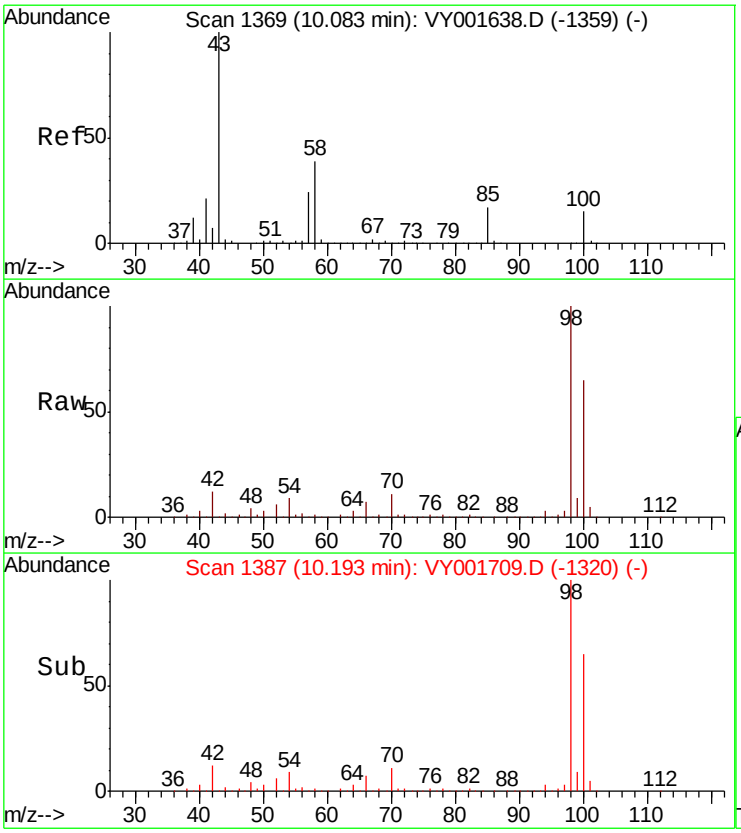
#50
Toluene-d8
Concen: 53.678 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001709.D
Acq: 19 Feb 2020 19:05

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 401421

Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.0	79.4

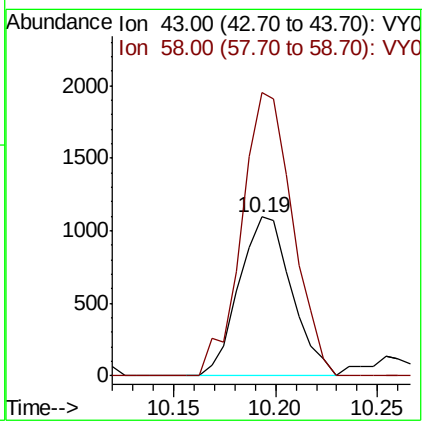


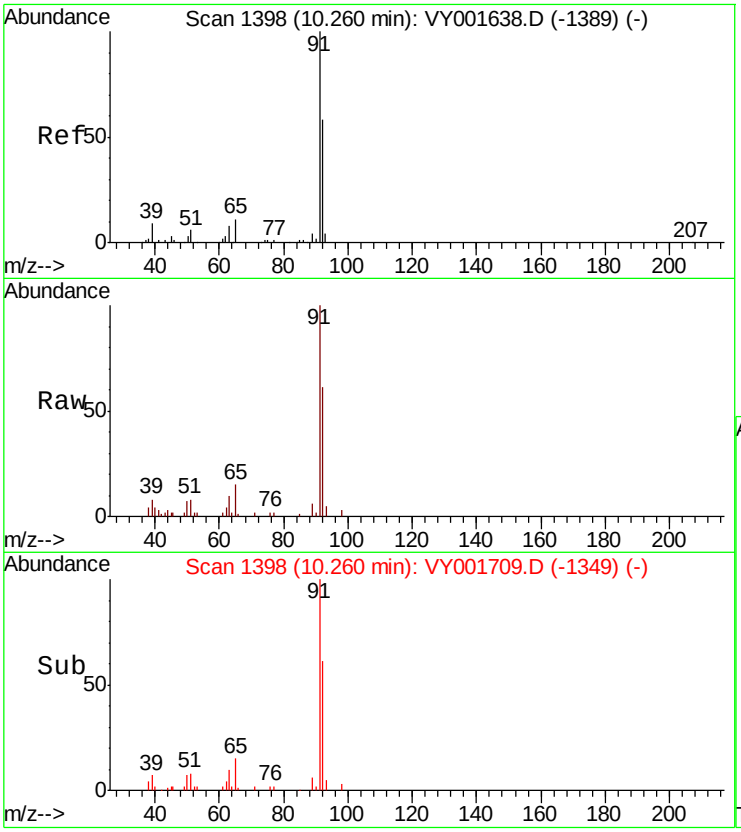


#51
4-Methyl-2-Pentanone
Concen: 1.059 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.11 min
Lab File: VY001709.D
Acq: 19 Feb 2020 19:05

Tgt Ion: 43 Resp: 1962

Ion	Ratio	Lower	Upper
43	100		
58	173.3	32.2	48.4#



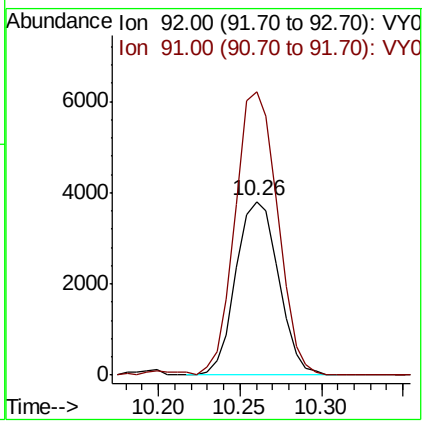


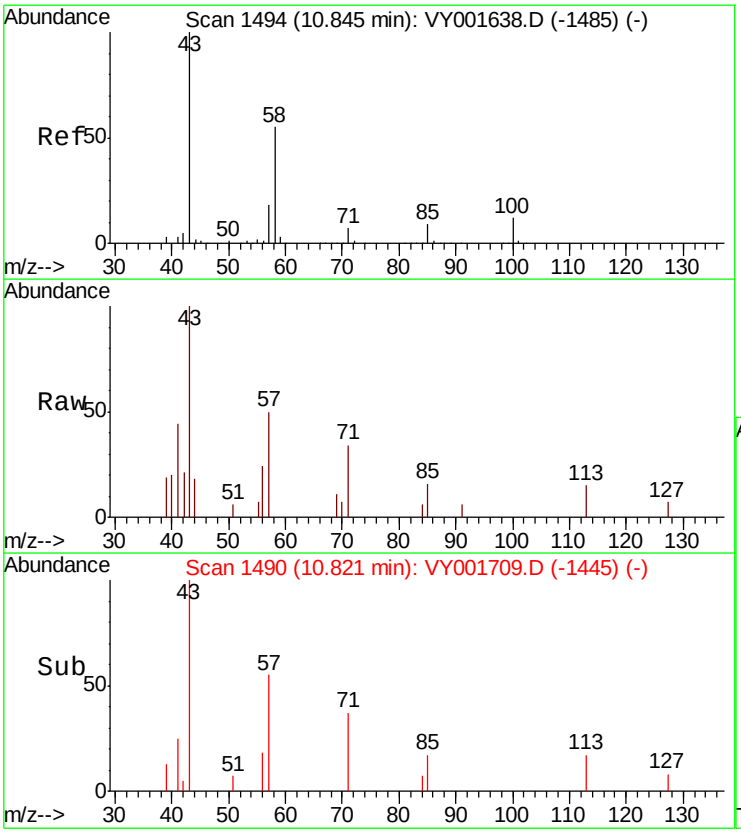
#52
Toluene
Concen: 1.188 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.00 min
Lab File: VY001709.D
Acq: 19 Feb 2020 19:05

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 92 Resp: 6939

Ion	Ratio	Lower	Upper
92	100		
91	162.2	137.0	205.6

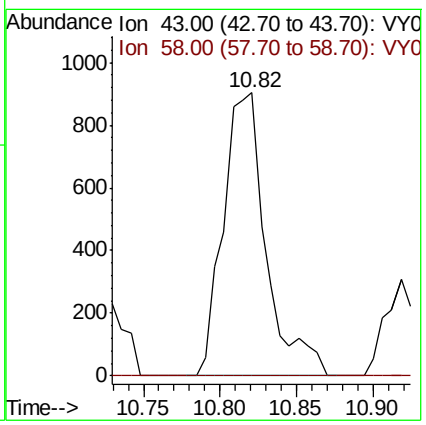


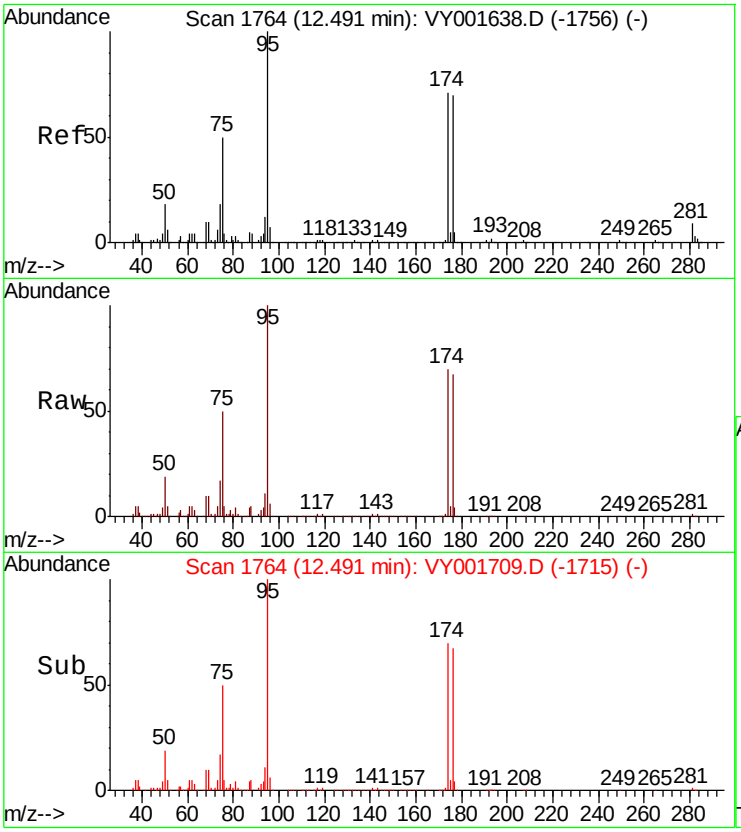


#59
2-Hexanone
Concen: 1.258 ug/l
RT: 10.82 min Scan# 1490
Delta R.T. -0.02 min
Lab File: VY001709.D
Acq: 19 Feb 2020 19:05

Tgt Ion: 43 Resp: 1749

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.4	85.2#



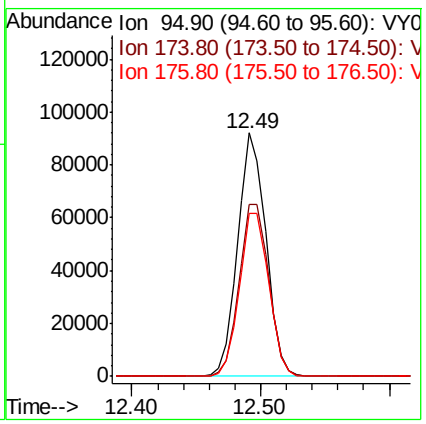


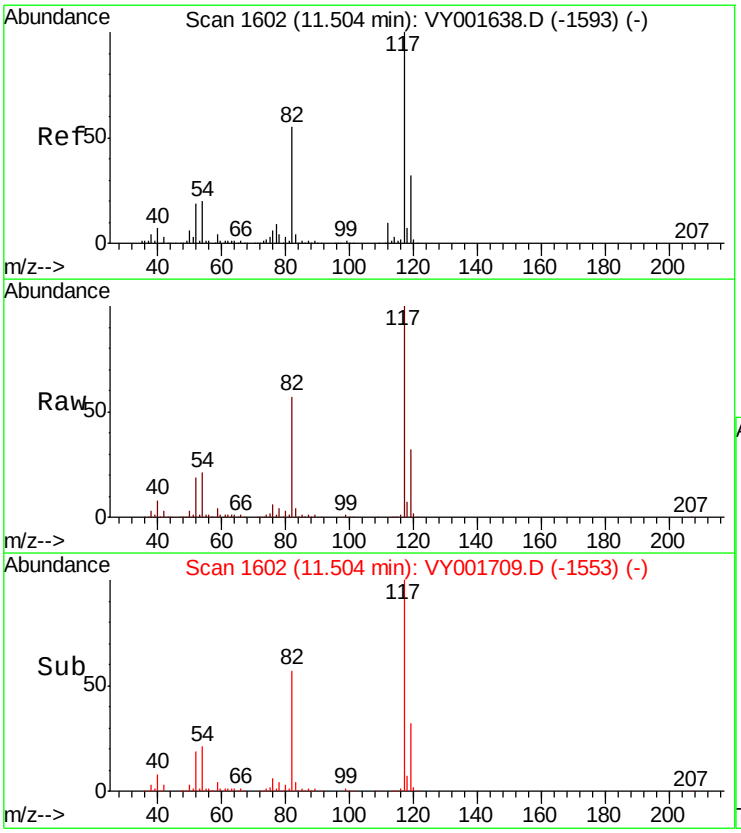
#62
4-Bromofluorobenzene
Concen: 47.937 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001709.D
Acq: 19 Feb 2020 19:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 139271

Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	138.4
176	69.7	0.0	131.8

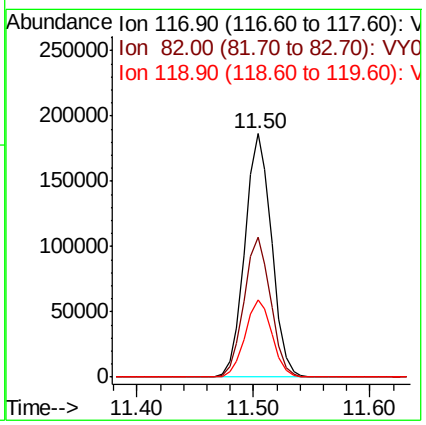


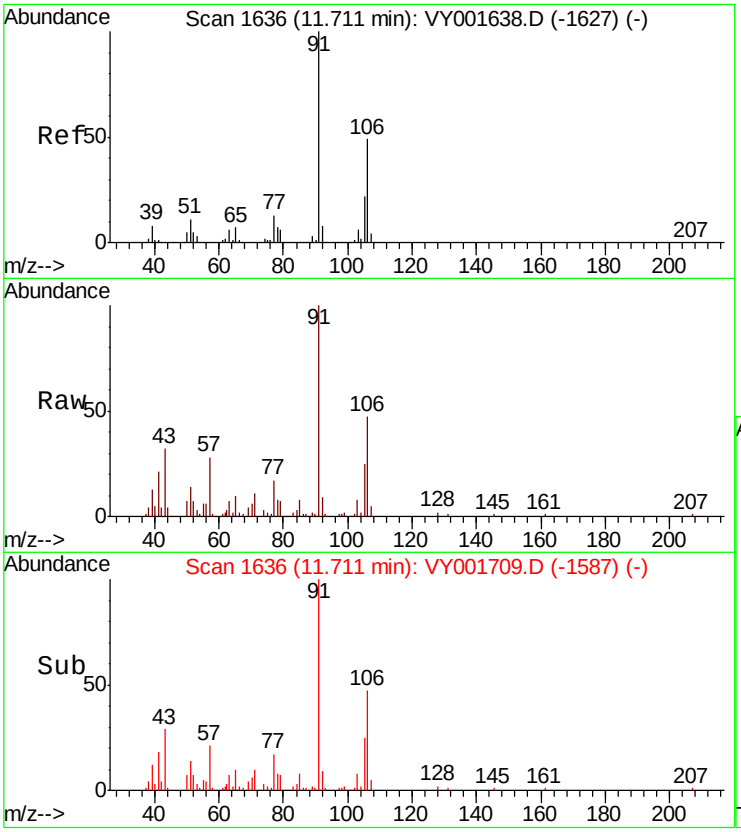


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001709.D
Acq: 19 Feb 2020 19:05

Tgt Ion:117 Resp: 297860

Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.5	68.3
119	31.9	25.8	38.6



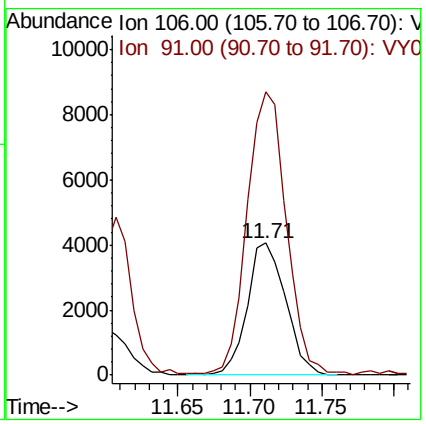


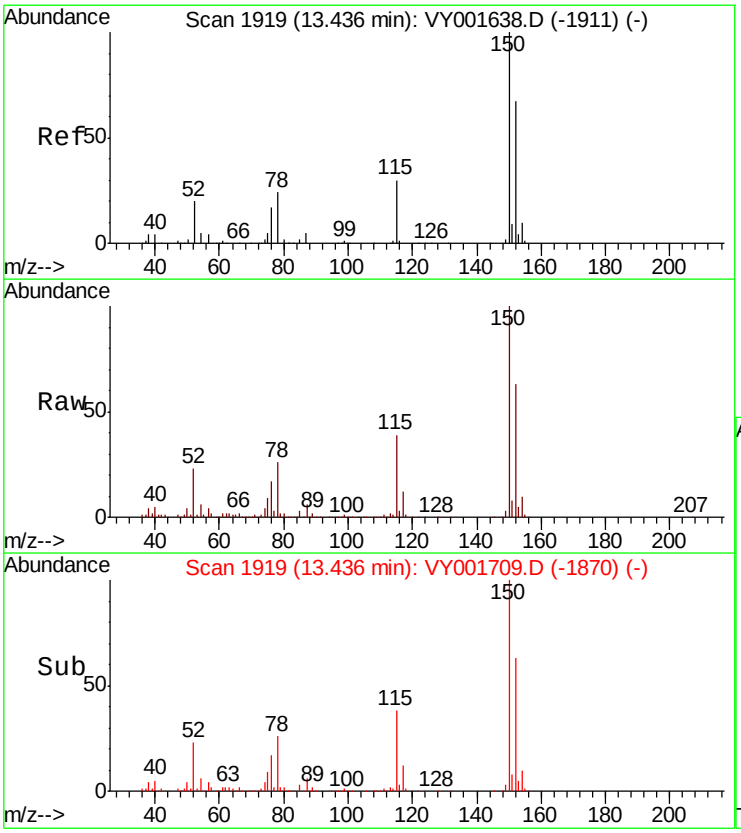
#68
m/p-Xylenes
Concen: 1.814 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001709.D
Acq: 19 Feb 2020 19:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:106 Resp: 7479

Ion	Ratio	Lower	Upper
106	100		
91	219.7	163.3	244.9

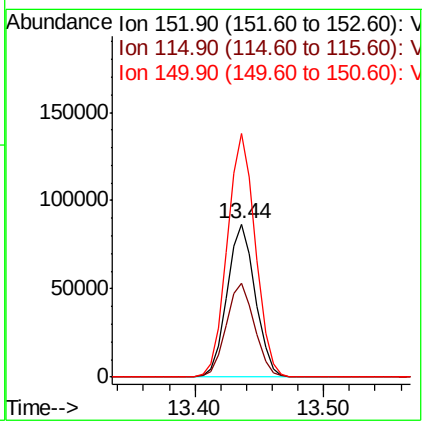


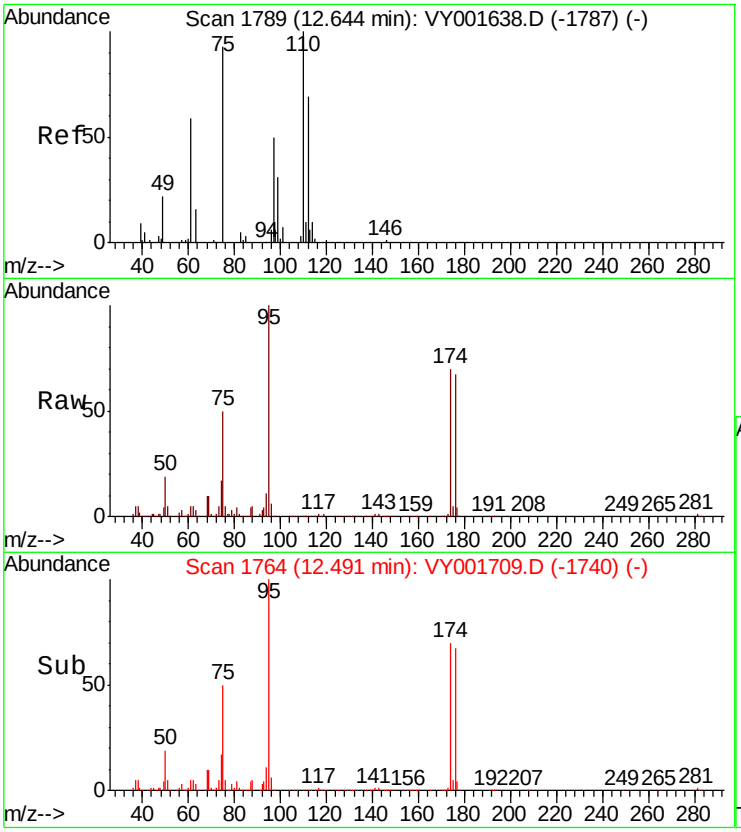


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001709.D
Acq: 19 Feb 2020 19:05

Tgt Ion:152 Resp: 132549

Ion	Ratio	Lower	Upper
152	100		
115	61.9	31.4	94.2
150	158.7	0.0	407.2



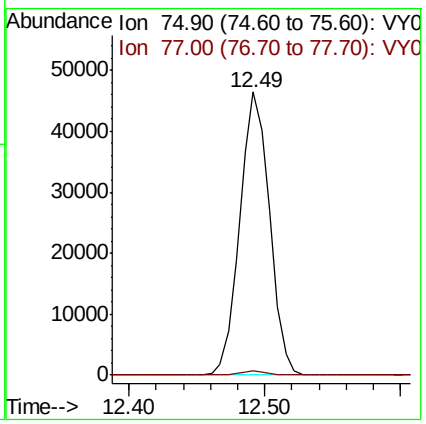


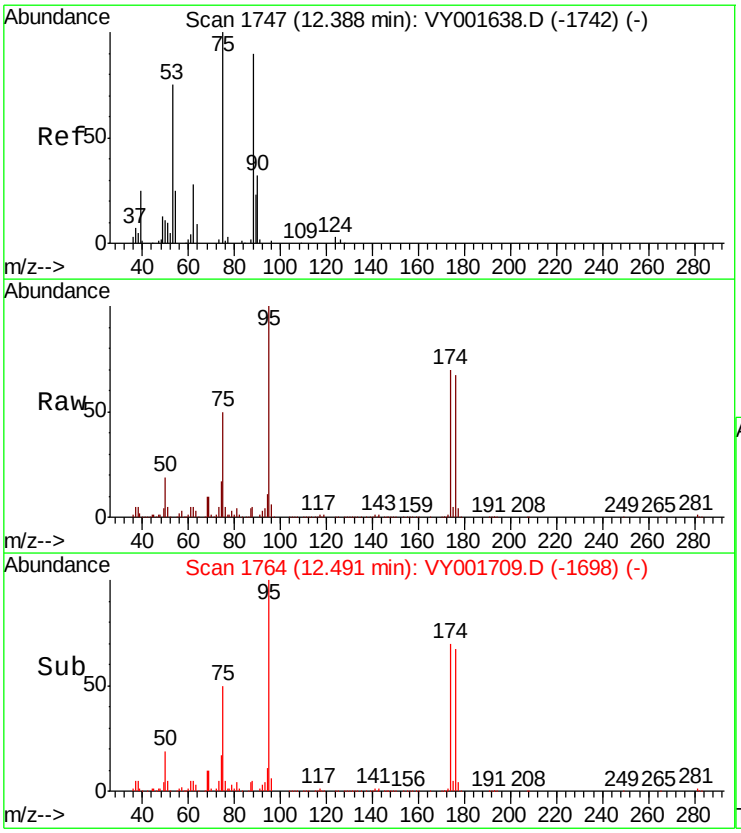
#76
1,2,3-Trichloropropane
Concen: 46.608 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.15 min
Lab File: VY001709.D
Acq: 19 Feb 2020 19:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 70868

Ion	Ratio	Lower	Upper
75	100		
77	1.6	0.0	0.0#

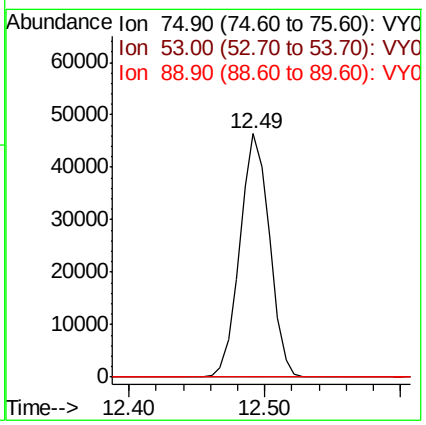


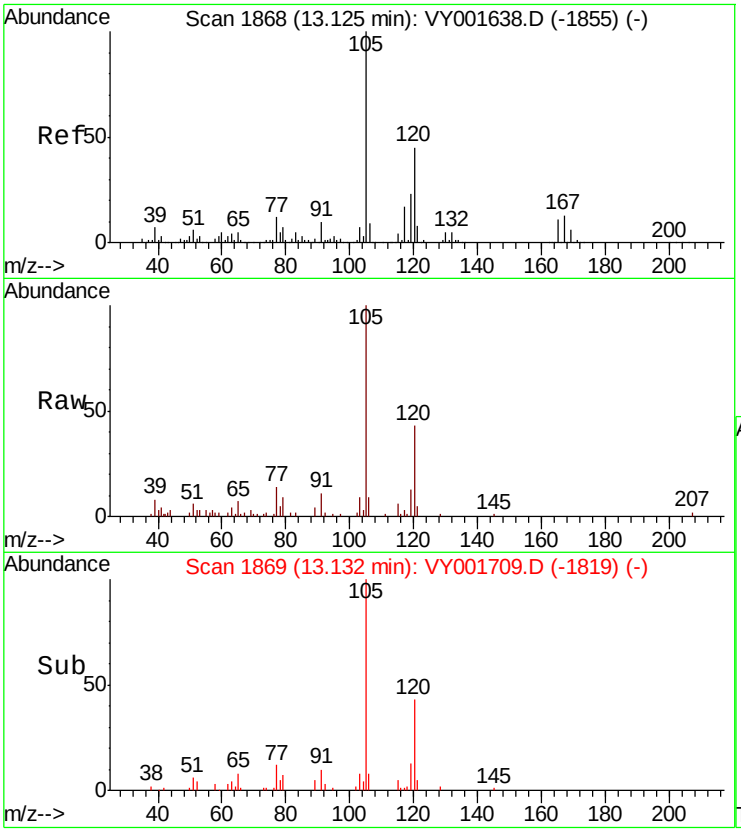


#81
trans-1,4-Dichloro-2-butene
Concen: 88.423 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.10 min
Lab File: VY001709.D
Acq: 19 Feb 2020 19:05

Tgt Ion: 75 Resp: 70868

Ion	Ratio	Lower	Upper
75	100		
53	0.0	64.5	96.7#
89	0.0	36.3	54.5#





#84
1,2,4-Trimethylbenzene
Concen: 1.370 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY001709.D
Acq: 19 Feb 2020 19:05

Tgt Ion:105 Resp: 11417

Ion	Ratio	Lower	Upper
105	100		
120	46.7	22.4	67.3

Instrument :
MSVOA_Y
ClientSampleId :