Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY102519\
Data File : VY000436.D
Acq On : 25 Oct 2019 18:01
Operator : SY/MD
Sample : K5539-20
Misc : 6.70G/5ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Oct 26 01:46:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	188385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	323758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	282125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	113311	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	109271	54.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.98%			
35) Dibromofluoromethane	7.74	113	95650	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.96%			
50) Toluene-d8	10.19	98	375823	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.06%			
62) 4-Bromofluorobenzene	12.48	95	117187	41.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.12%			
Target Compounds						Qvalue
10) Methyl Iodide	4.11	142	64	1.209	ug/l #	36
20) Methylene Chloride	4.74	84	3636	Below Cal	#	80
31) Cyclohexane	7.79	56	4171	1.097	ug/l #	10
36) 1,1-Dichloropropene	7.80	75	14656	4.624	ug/l #	48
38) Carbon Tetrachloride	7.80	117	18074	5.889	ug/l #	18
51) 4-Methyl-2-Pentanone	10.18	43	1930	1.049	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	62311	44.721	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	62311	97.847	ug/l #	14

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY102519\
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Acq On : 25 Oct 2019 18:01
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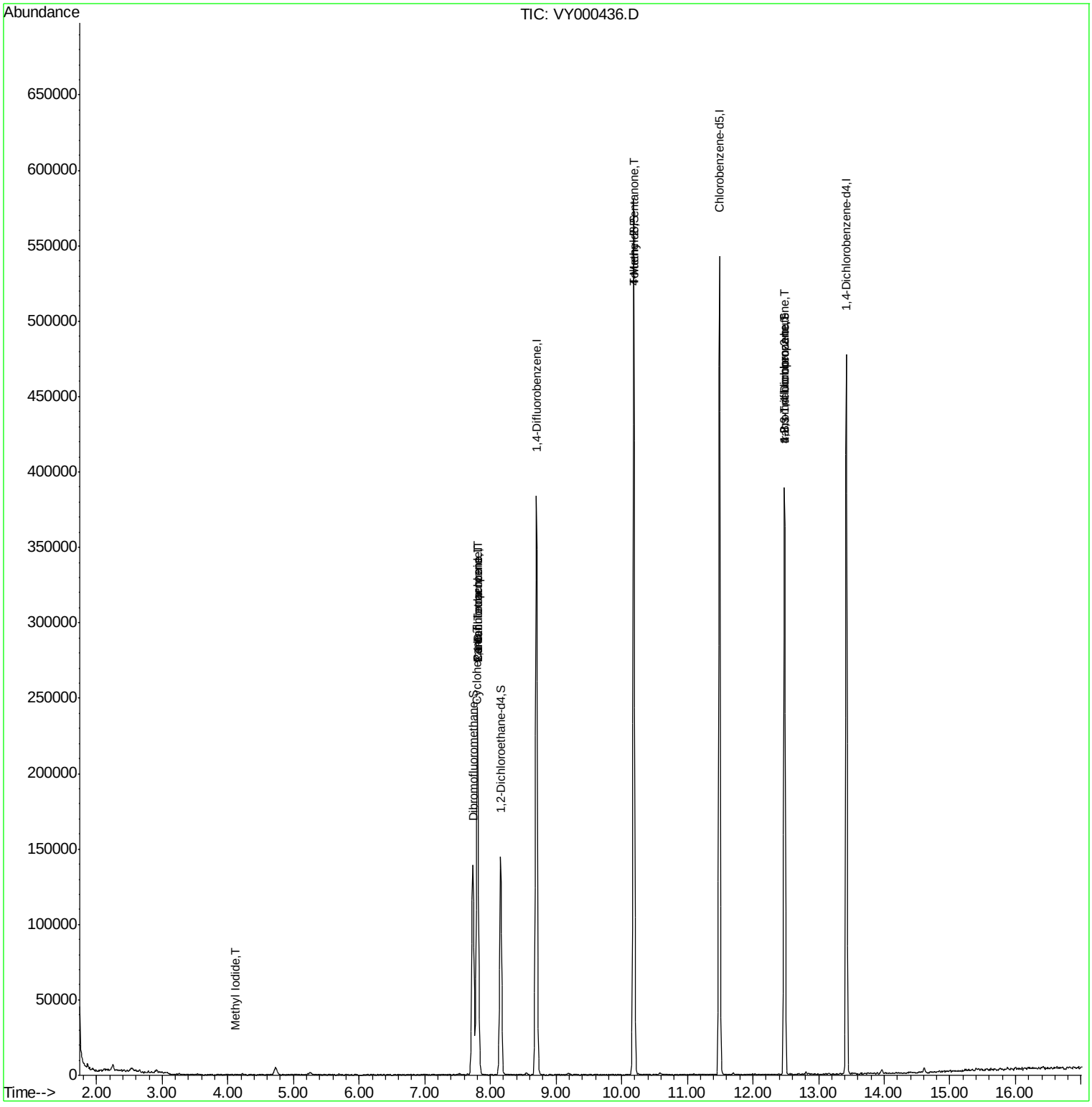
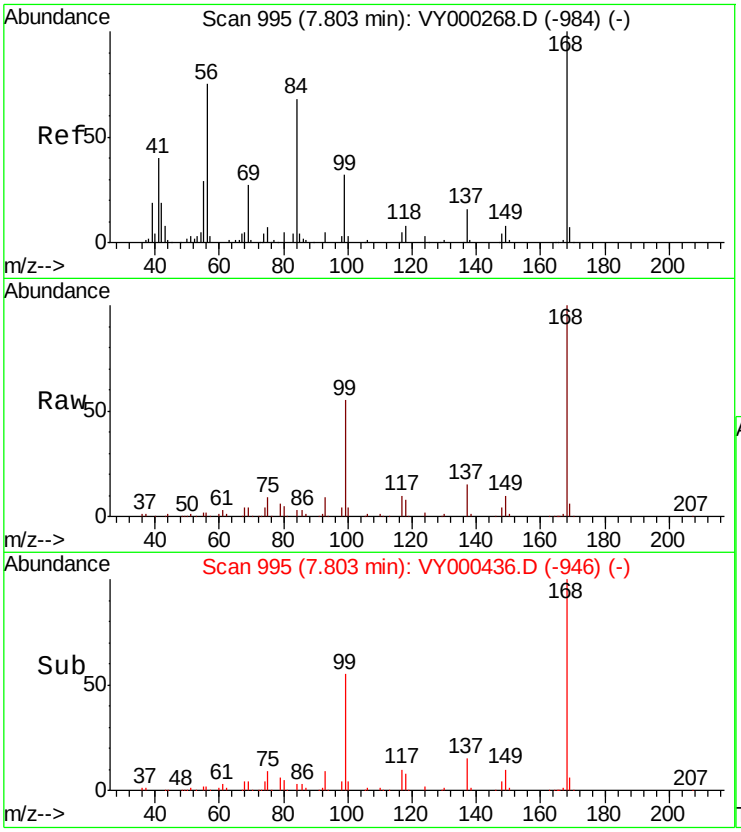
Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 26 01:46:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration



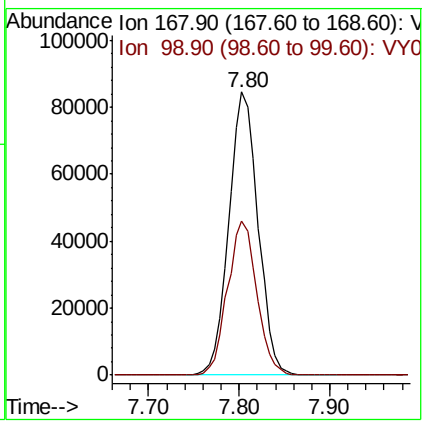


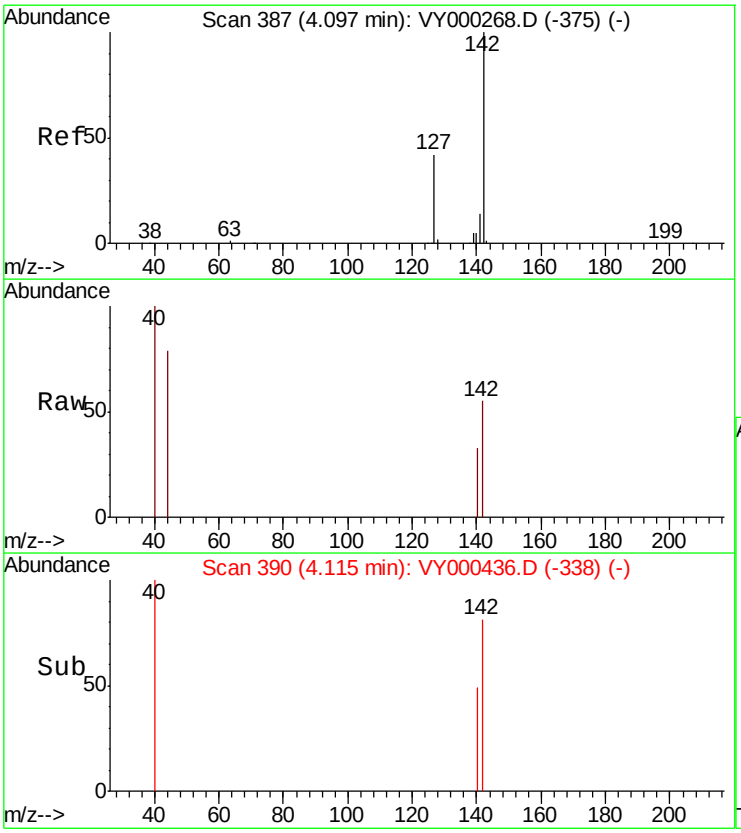
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000436.D
Acq: 25 Oct 2019 18:01

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 188385

Ion	Ratio	Lower	Upper
168	100		
99	54.5	46.6	69.8

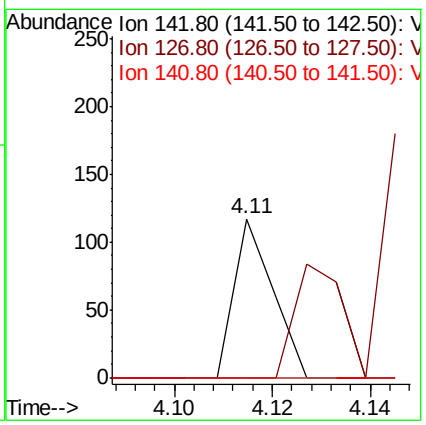


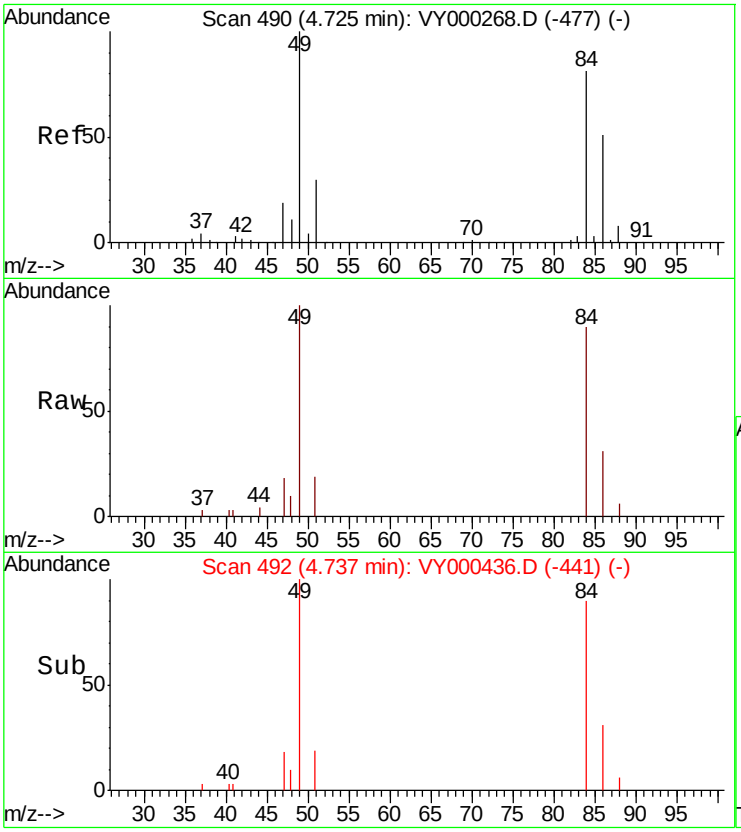


#10
Methyl Iodide
Concen: 1.209 ug/l
RT: 4.11 min Scan# 390
Delta R.T. 0.02 min
Lab File: VY000436.D
Acq: 25 Oct 2019 18:01

Tgt Ion:142 Resp: 64

Ion	Ratio	Lower	Upper
142	100		
127	89.1	33.9	50.9#
141	0.0	11.2	16.8#



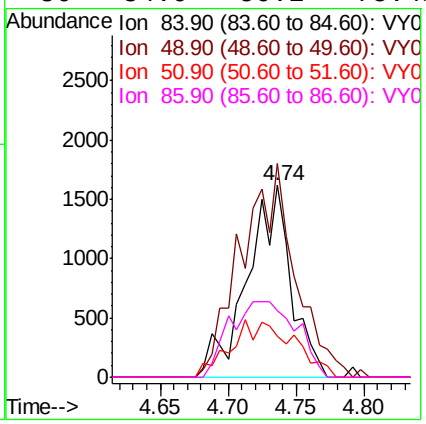


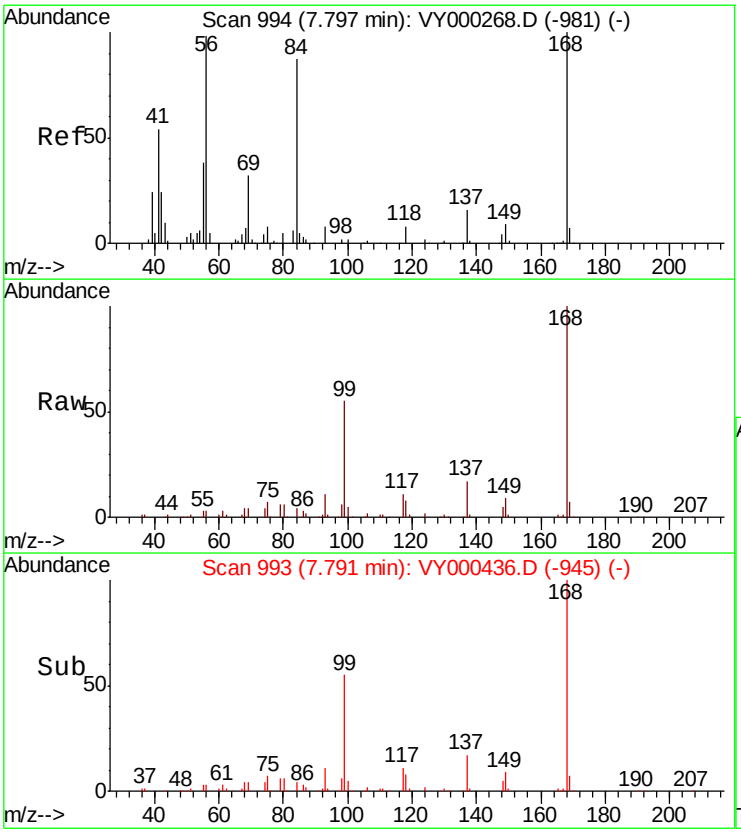
#20
Methylene Chloride
Concen: Below Cal
RT: 4.74 min Scan# 492
Delta R.T. 0.01 min
Lab File: VY000436.D
Acq: 25 Oct 2019 18:01

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 3636

Ion	Ratio	Lower	Upper
84	100		
49	111.3	99.0	148.4
51	21.6	29.3	43.9#
86	34.9	50.2	75.4#

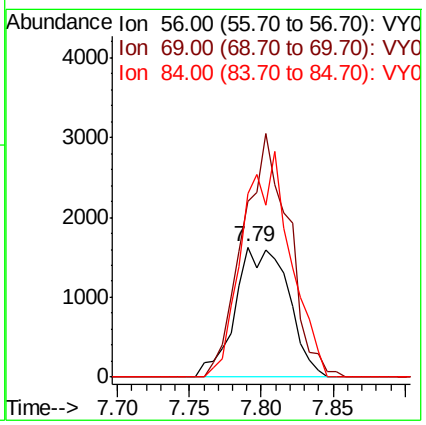


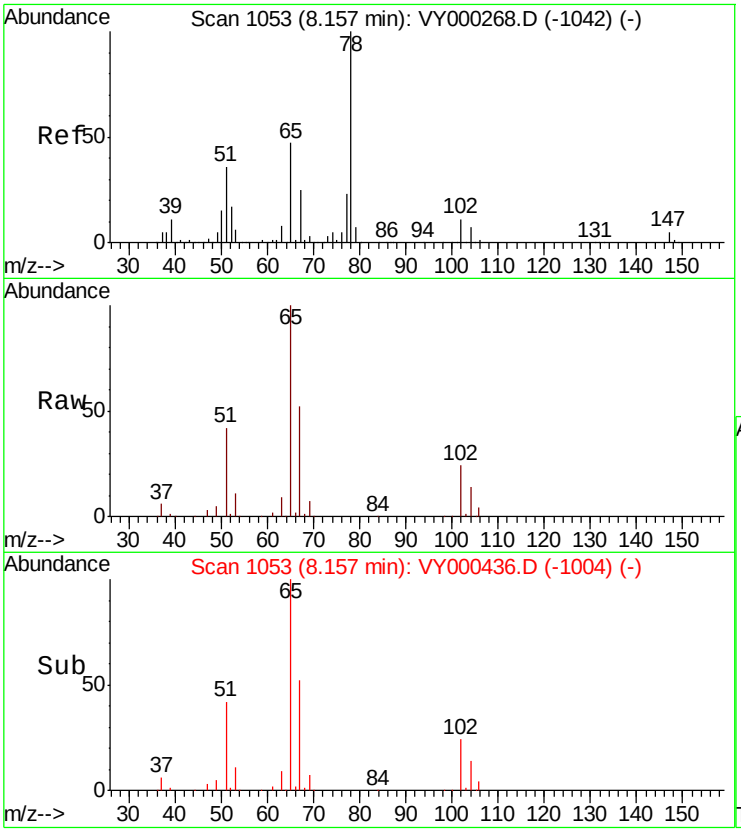


#31
Cyclohexane
Concen: 1.097 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000436.D
Acq: 25 Oct 2019 18:01

Tgt Ion: 56 Resp: 4171

Ion	Ratio	Lower	Upper
56	100		
69	135.3	26.3	39.5#
84	141.3	70.8	106.2#



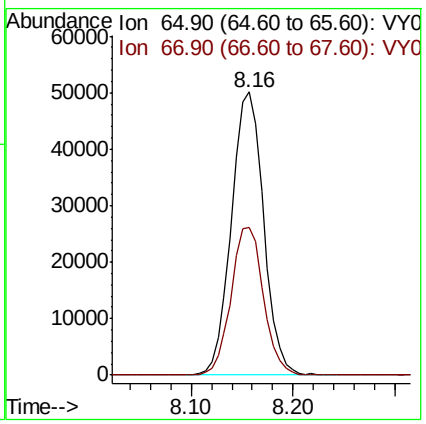


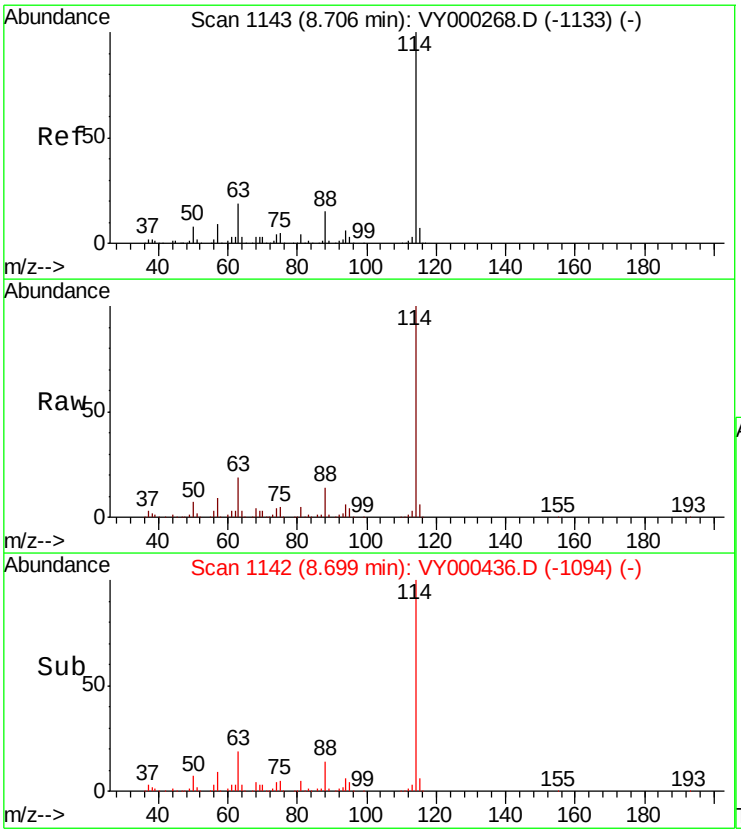
#33
1,2-Dichloroethane-d4
Concen: 54.988 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VY000436.D
Acq: 25 Oct 2019 18:01

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 109271

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	109.4

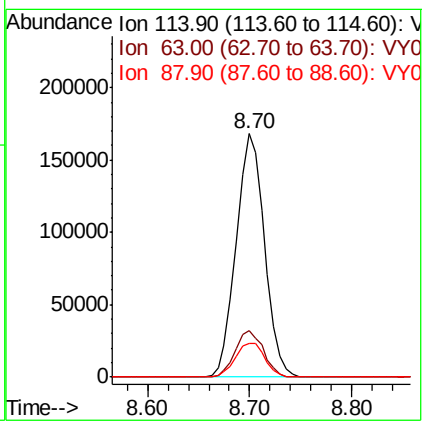


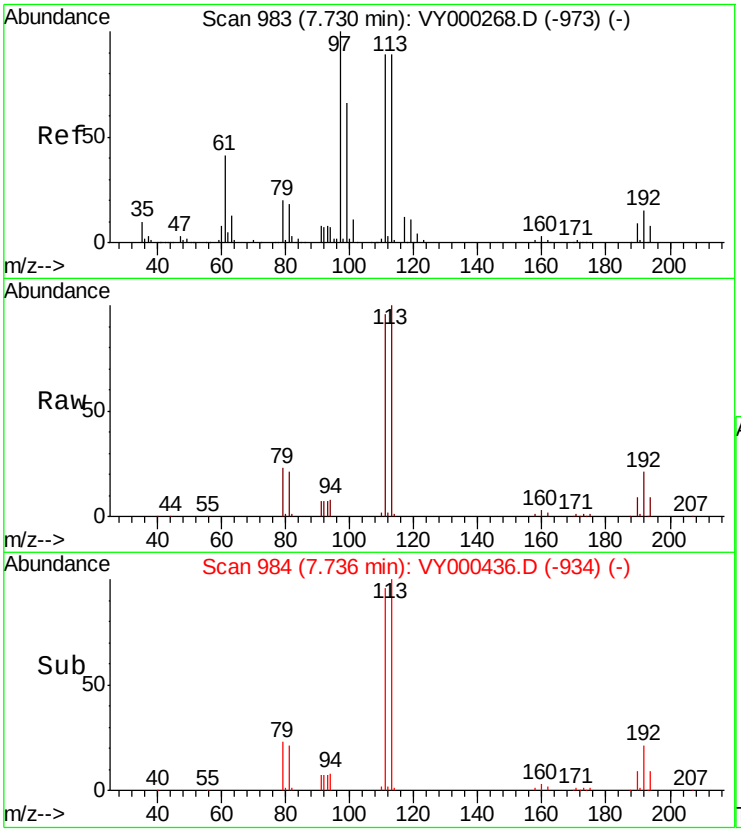


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000436.D
Acq: 25 Oct 2019 18:01

Tgt Ion:114 Resp: 323758

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	37.2
88	13.9	0.0	30.2



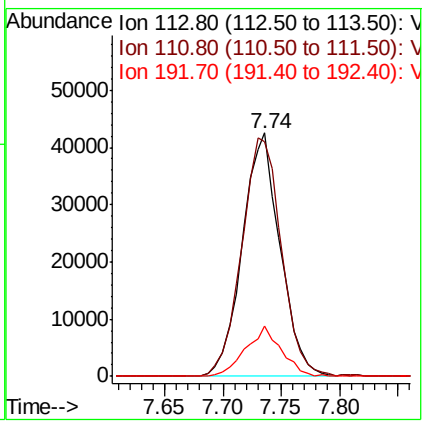


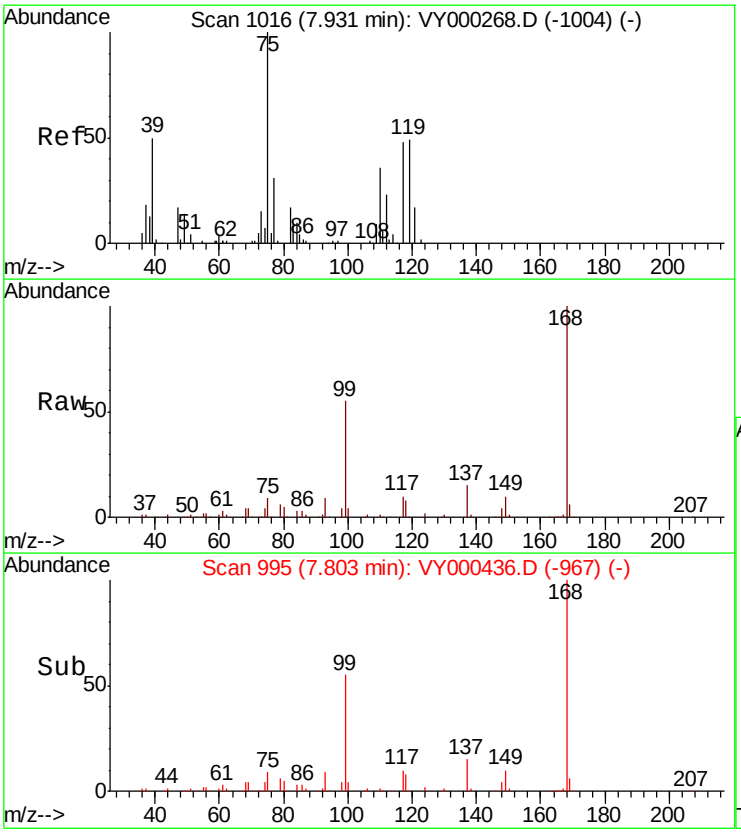
#35
Dibromofluoromethane
Concen: 48.978 ug/l
RT: 7.74 min Scan# 984
Delta R.T. 0.01 min
Lab File: VY000436.D
Acq: 25 Oct 2019 18:01

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 95650

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.6	122.4
192	19.3	15.3	22.9

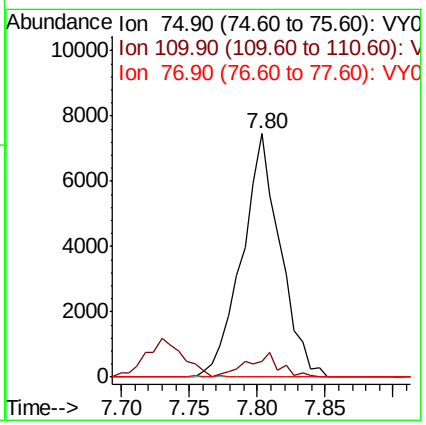


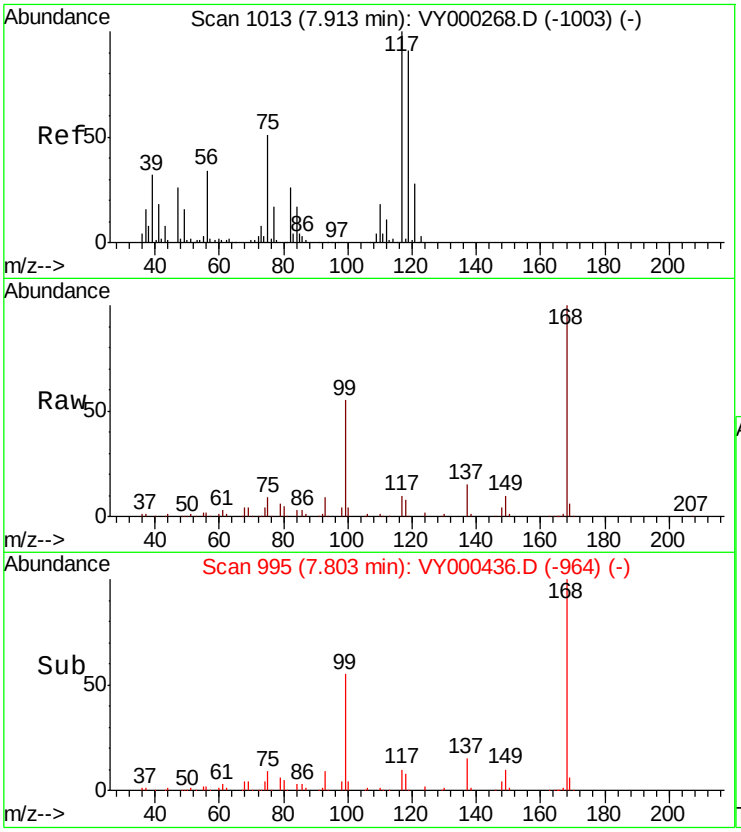


#36
1,1-Dichloropropene
Concen: 4.624 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.13 min
Lab File: VY000436.D
Acq: 25 Oct 2019 18:01

Tgt Ion: 75 Resp: 14656

Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.4	55.4#
77	0.0	25.0	37.6#



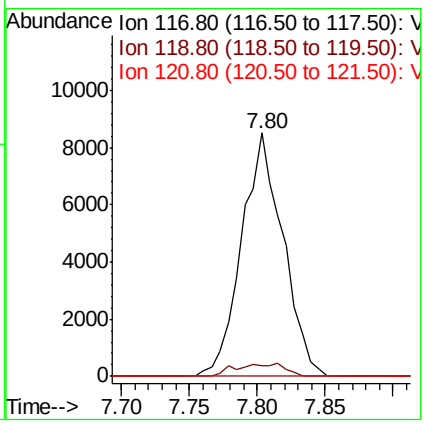


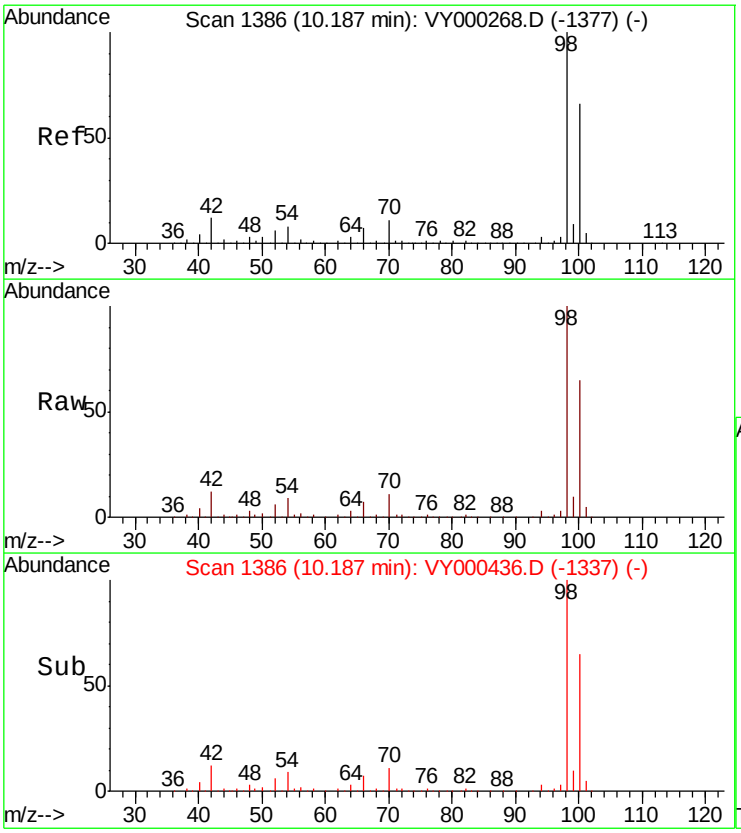
#38
Carbon Tetrachloride
Concen: 5.889 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000436.D
Acq: 25 Oct 2019 18:01

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 18074

Ion	Ratio	Lower	Upper
117	100		
119	4.4	72.8	109.2#
121	0.0	22.2	33.2#

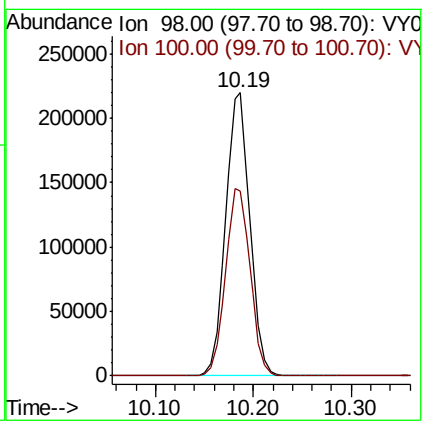


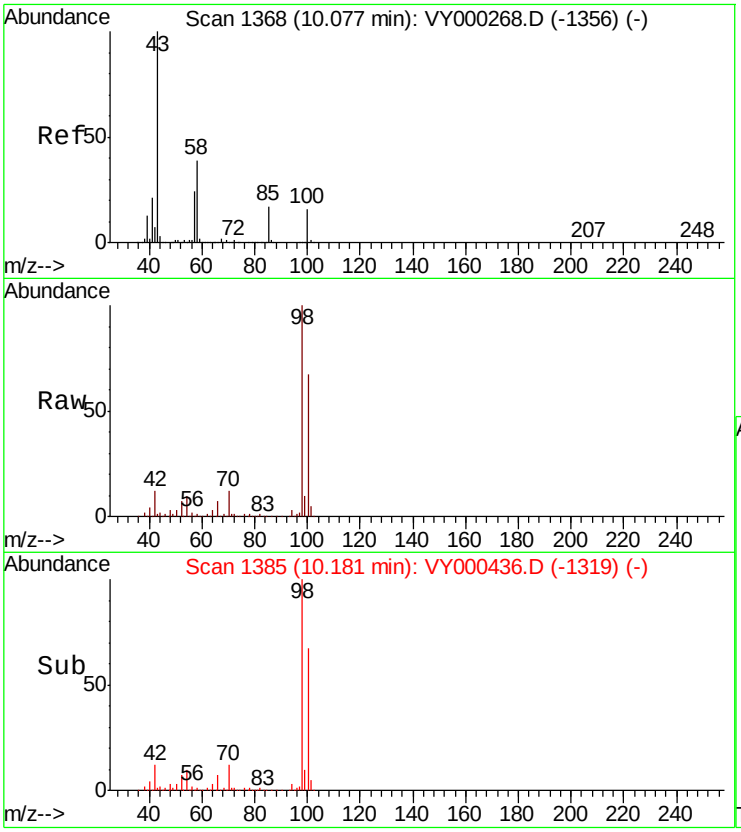


#50
Toluene-d8
Concen: 50.027 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000436.D
Acq: 25 Oct 2019 18:01

Tgt Ion: 98 Resp: 375823

Ion	Ratio	Lower	Upper
98	100		
100	67.2	52.8	79.2



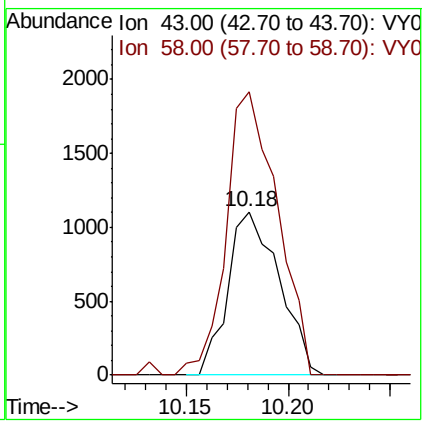


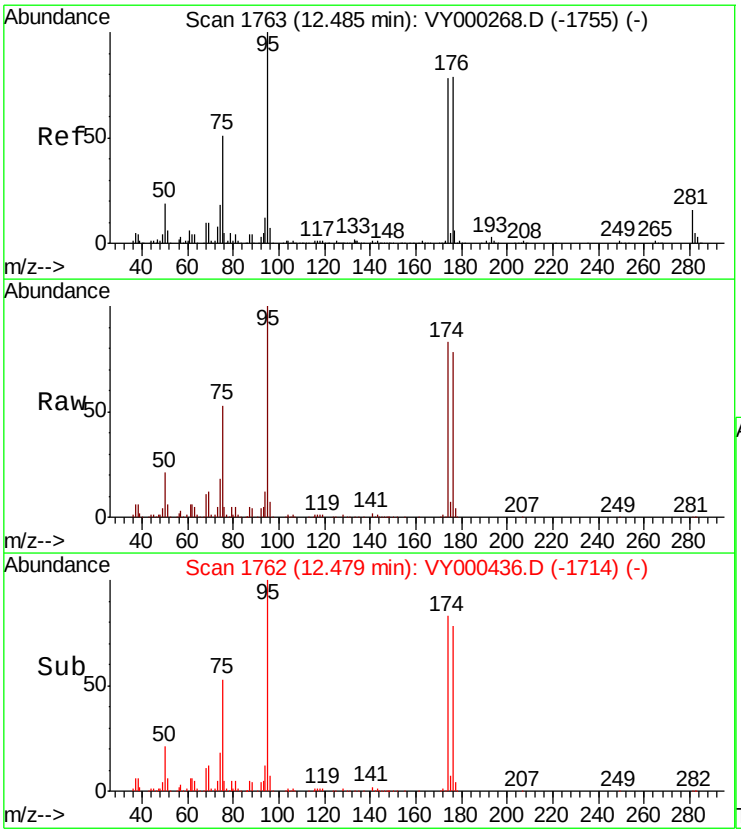
#51
4-Methyl-2-Pentanone
Concen: 1.049 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.10 min
Lab File: VY000436.D
Acq: 25 Oct 2019 18:01

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1930

Ion	Ratio	Lower	Upper
43	100		
58	172.3	31.0	46.6#

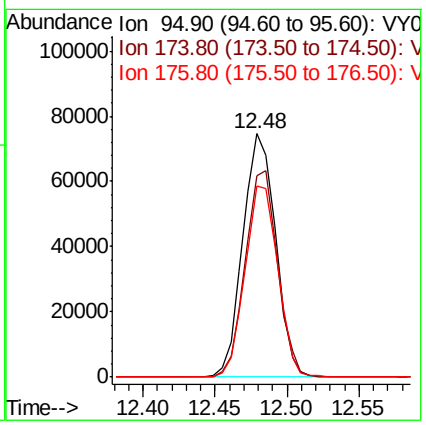


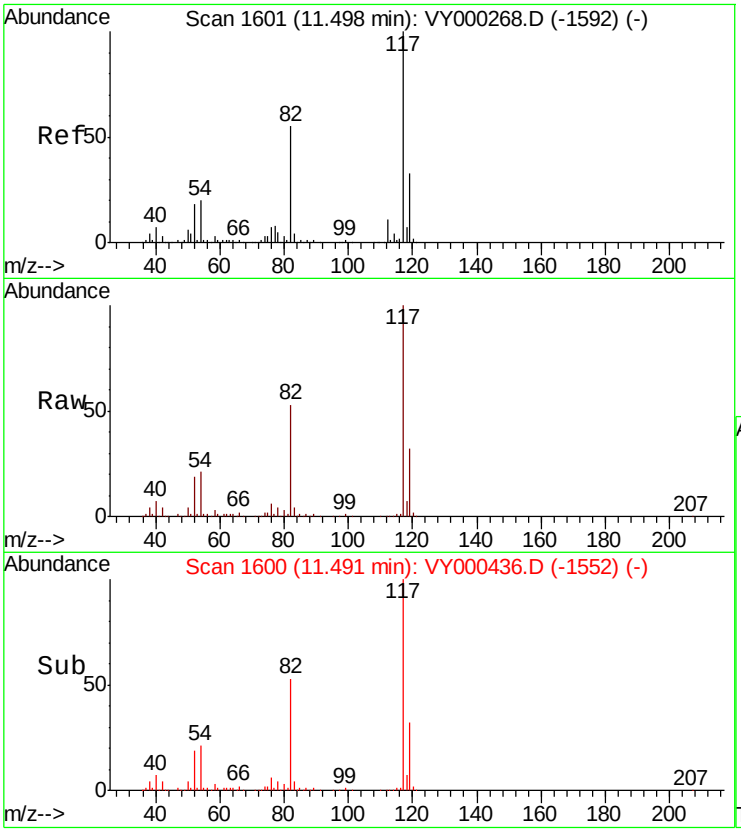


#62
4-Bromofluorobenzene
Concen: 41.060 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000436.D
Acq: 25 Oct 2019 18:01

Tgt Ion: 95 Resp: 117187

Ion	Ratio	Lower	Upper
95	100		
174	83.5	0.0	159.6
176	78.9	0.0	153.8



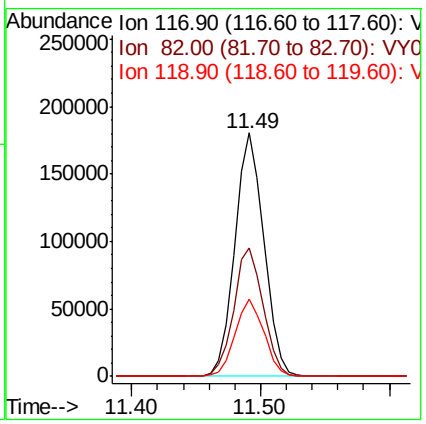


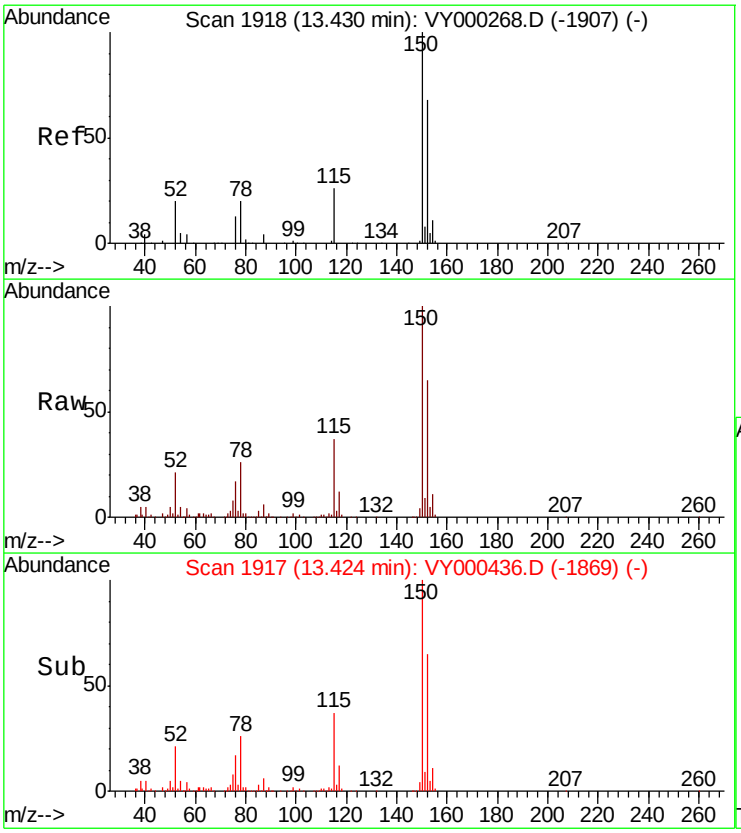
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000436.D
Acq: 25 Oct 2019 18:01

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 282125

Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.7	65.5
119	31.7	26.6	39.8

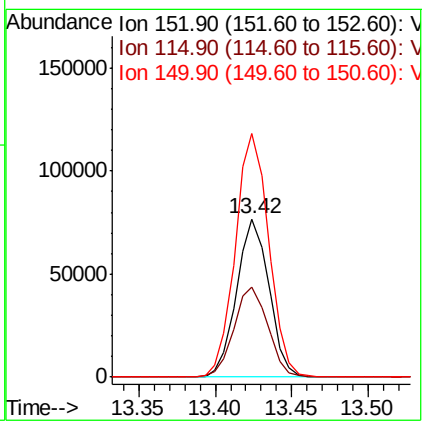


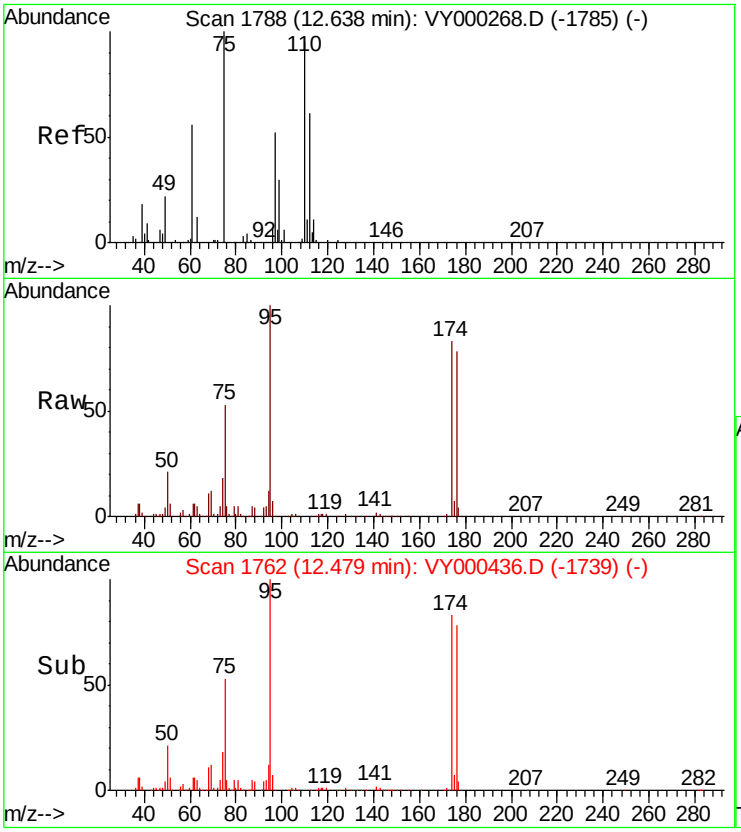


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000436.D
Acq: 25 Oct 2019 18:01

Tgt Ion:152 Resp: 113311

Ion	Ratio	Lower	Upper
152	100		
115	59.3	29.3	88.0
150	158.0	0.0	348.4



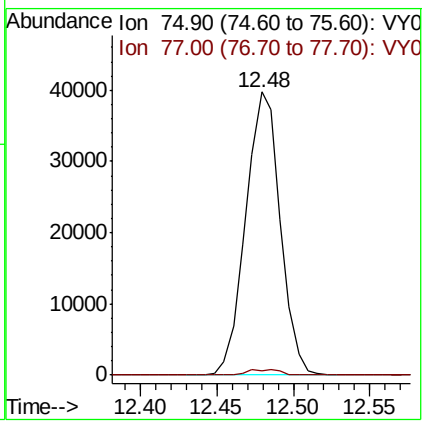


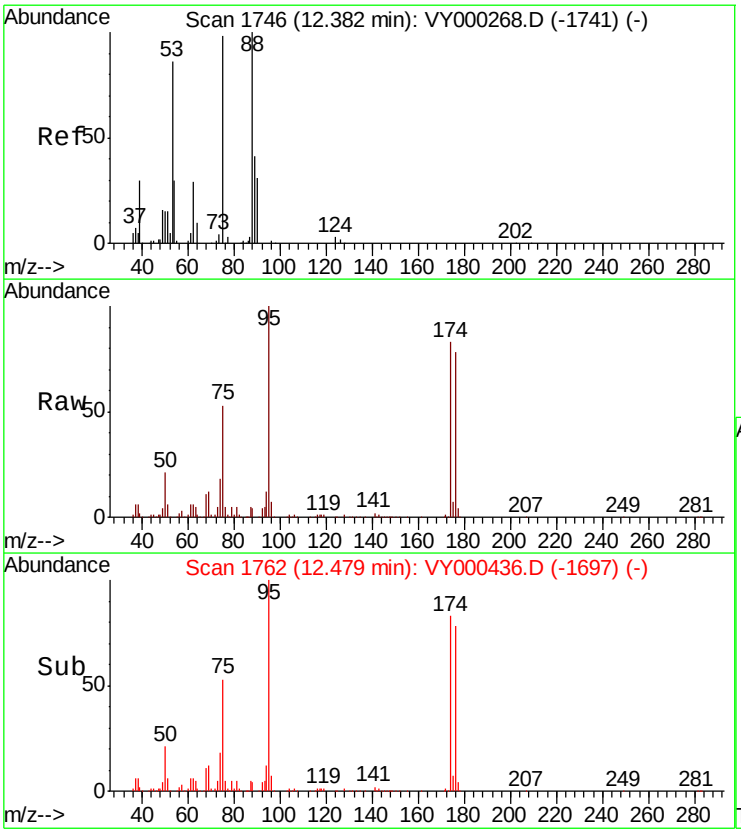
#76
1,2,3-Trichloropropane
Concen: 44.721 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000436.D
Acq: 25 Oct 2019 18:01

Instrument :
MSVOA_Y
ClientSampleId :

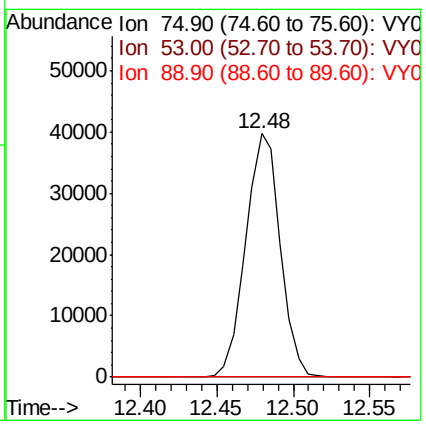
Tgt Ion: 75 Resp: 62311

Ion	Ratio	Lower	Upper
75	100		
77	1.9	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 97.847 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000436.D
Acq: 25 Oct 2019 18:01

Tgt Ion: 75 Resp: 62311

Ion	Ratio	Lower	Upper
75	100		
53	0.1	71.3	106.9#
89	0.0	35.1	52.7#