Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121219\
Data File : VY000934.D
Acq On : 12 Dec 2019 16:58
Operator : SY/MD
Sample : K6268-02RE
Misc : 5.47G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 33-19-12-11-01WRE

Quant Time: Dec 13 06:28:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	10891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	21371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	18007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	7584	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	8833	76.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 152.66%			
35) Dibromofluoromethane	7.72	113	1921	15.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 30.84%			
50) Toluene-d8	10.18	98	26169	52.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.10%			
62) 4-Bromofluorobenzene	12.48	95	8412	44.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.96%			
Target Compounds						Qvalue
3) Chloromethane	2.12	50	474	3.280	ug/l #	88
5) Bromomethane	2.65	94	146	1.198	ug/l #	71
8) Diethyl Ether	3.52	74	74	1.007	ug/l	72
10) Methyl Iodide	4.10	142	185	1.219	ug/l #	46
16) Acetone	3.96	43	585	22.036	ug/l #	40
20) Methylene Chloride	4.71	84	5449	38.939	ug/l	90
25) 2-Butanone	7.02	43	103	2.100	ug/l #	49
28) Bromochloromethane	7.52	49	22	2.264	ug/l #	15
29) Tetrahydrofuran	7.39	42	41	1.262	ug/l #	33
30) Chloroform	7.51	83	983	4.225	ug/l #	68
31) Cyclohexane	7.79	56	490	1.994	ug/l #	34
36) 1,1-Dichloropropene	7.80	75	1132	5.327	ug/l #	48
38) Carbon Tetrachloride	7.79	117	1303	6.885	ug/l #	11
49) 1,4-Dioxane	9.55	88	36	31.277	ug/l #	27
67) Ethyl Benzene	11.59	91	747	1.072	ug/l #	81
68) m/p-Xylenes	11.69	106	695	2.656	ug/l	98
69) o-Xylene	12.03	106	415	1.701	ug/l	56
76) 1,2,3-Trichloropropane	12.47	75	4457	51.870	ug/l #	100
78) n-propylbenzene	12.67	91	763	1.035	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	698	1.396	ug/l	72
81) trans-1,4-Dichloro-2-buten	12.47	75	4457	101.888	ug/l #	17
84) 1,2,4-Trimethylbenzene	13.11	105	2448	4.894	ug/l	93
89) n-Butylbenzene	13.70	91	721	1.341	ug/l #	68
92) 1,2-Dibromo-3-Chloropropan	14.29	75	20	1.004	ug/l #	1
95) Naphthalene	15.23	128	1872	5.158	ug/l #	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121219\
Data File : VY000934.D
Acq On : 12 Dec 2019 16:58
Operator : SY/MD
Sample : K6268-02RE
Misc : 5.47G/5ML/MSVOA_Y/SOIL
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Instrument : MSVOA_Y
ClientSampleId : 33-19-12-11-01WRE

Quant Time: Dec 13 06:28:59 2019
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Quant Title : SW846 8260
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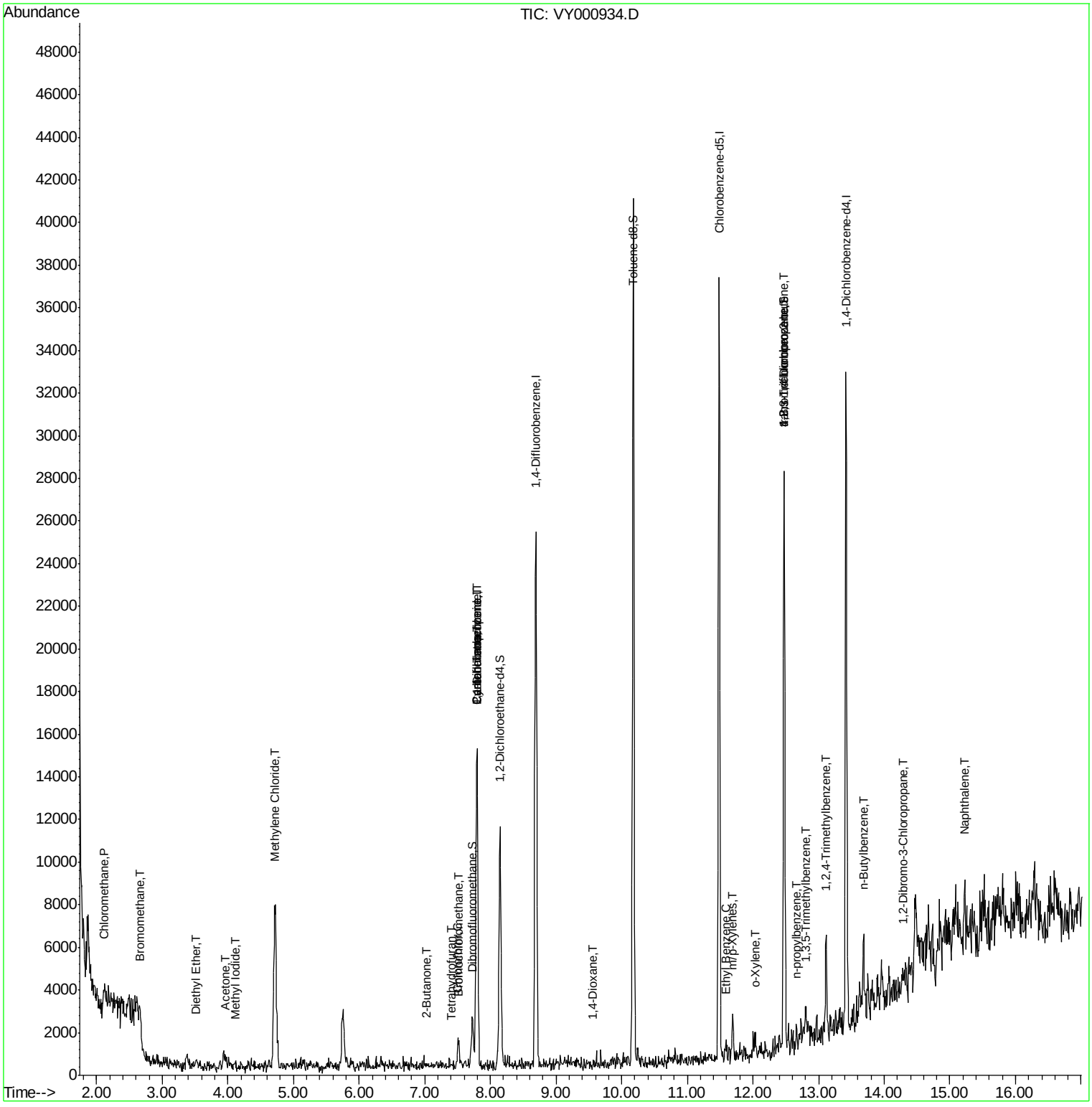
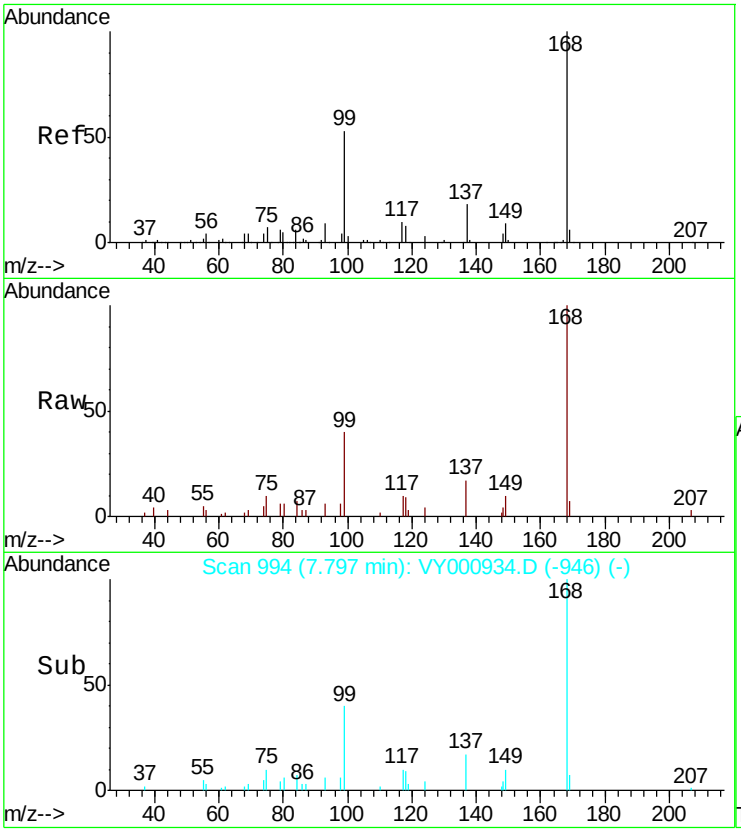
Response via : Initial Calibration



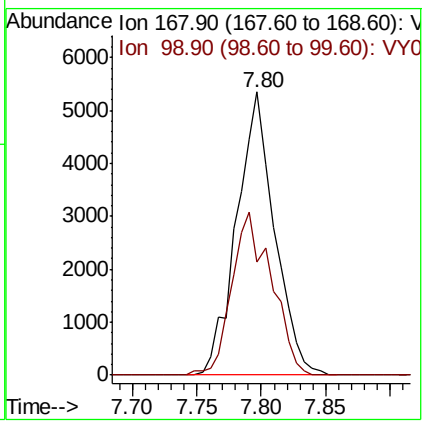


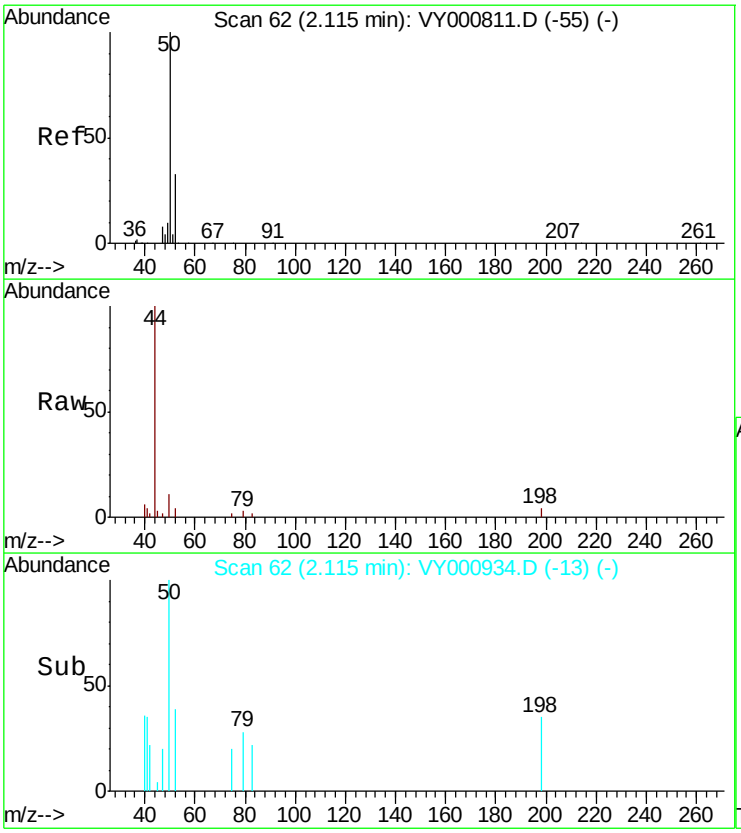
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY000934.D
Acq: 12 Dec 2019 16:58

Instrument :
MSVOA_Y
ClientSampleId :
33-19-12-11-01WRE

Tgt Ion:168 Resp: 10891

Ion	Ratio	Lower	Upper
168	100		
99	40.1	45.0	67.6#

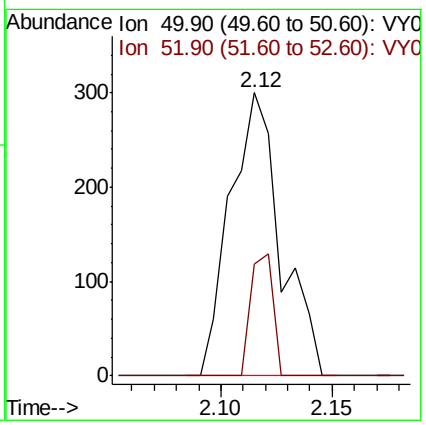


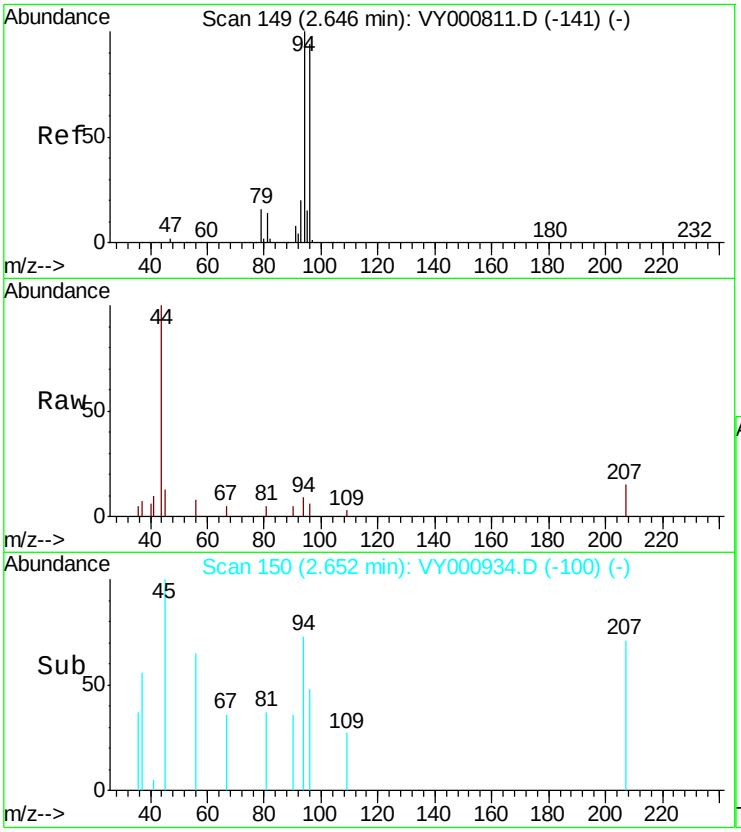


#3
Chloromethane
Concen: 3.280 ug/l
RT: 2.12 min Scan# 62
Delta R.T. -0.00 min
Lab File: VY000934.D
Acq: 12 Dec 2019 16:58

Tgt Ion: 50 Resp: 474

Ion	Ratio	Lower	Upper
50	100		
52	39.3	26.0	39.0#



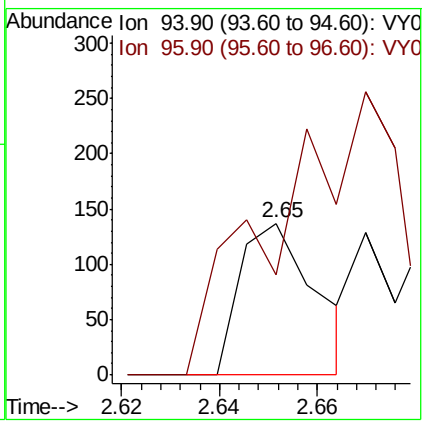


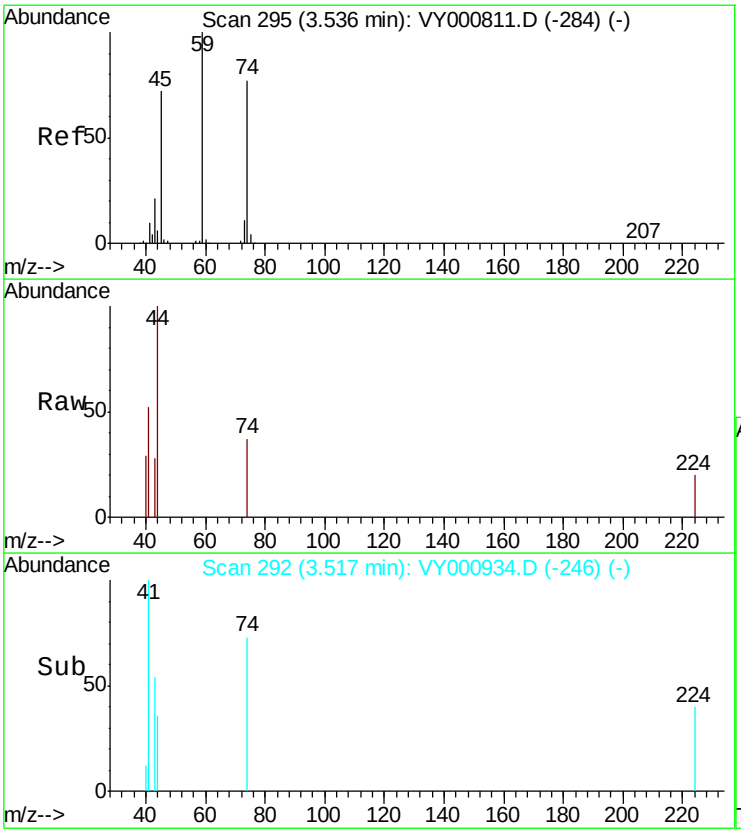
#5
Bromomethane
Concen: 1.198 ug/l
RT: 2.65 min Scan# 150
Delta R.T. 0.01 min
Lab File: VY000934.D
Acq: 12 Dec 2019 16:58

Instrument :
MSVOA_Y
ClientSampleId :
33-19-12-11-01WRE

Tgt Ion: 94 Resp: 146

Ion	Ratio	Lower	Upper
94	100		
96	65.7	75.2	112.8#

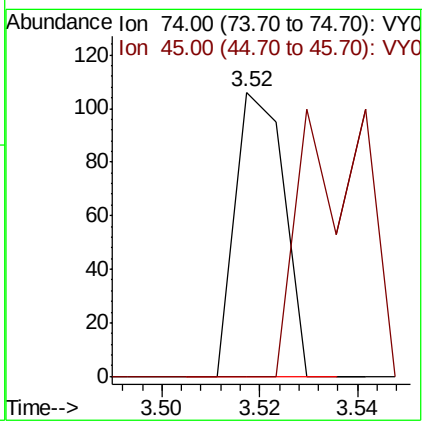


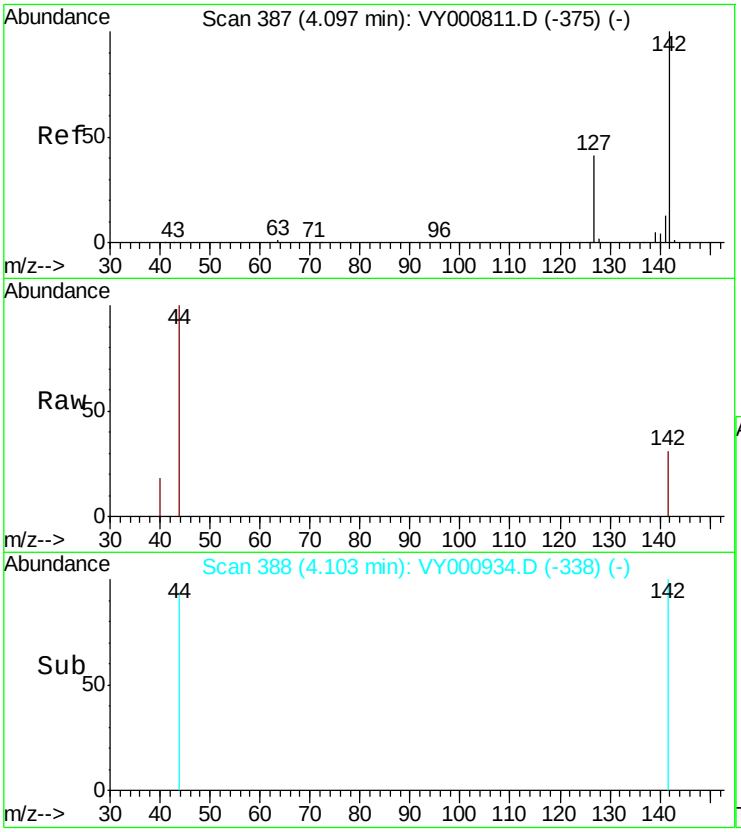


#8
Diethyl Ether
Concen: 1.007 ug/l
RT: 3.52 min Scan# 292
Delta R.T. -0.02 min
Lab File: VY000934.D
Acq: 12 Dec 2019 16:58

Tgt Ion: 74 Resp: 74

Ion	Ratio	Lower	Upper
74	100		
45	125.7	49.0	147.0



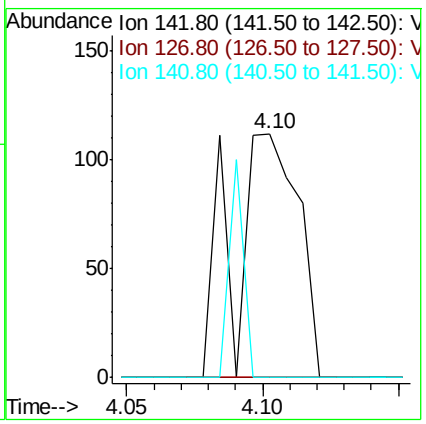


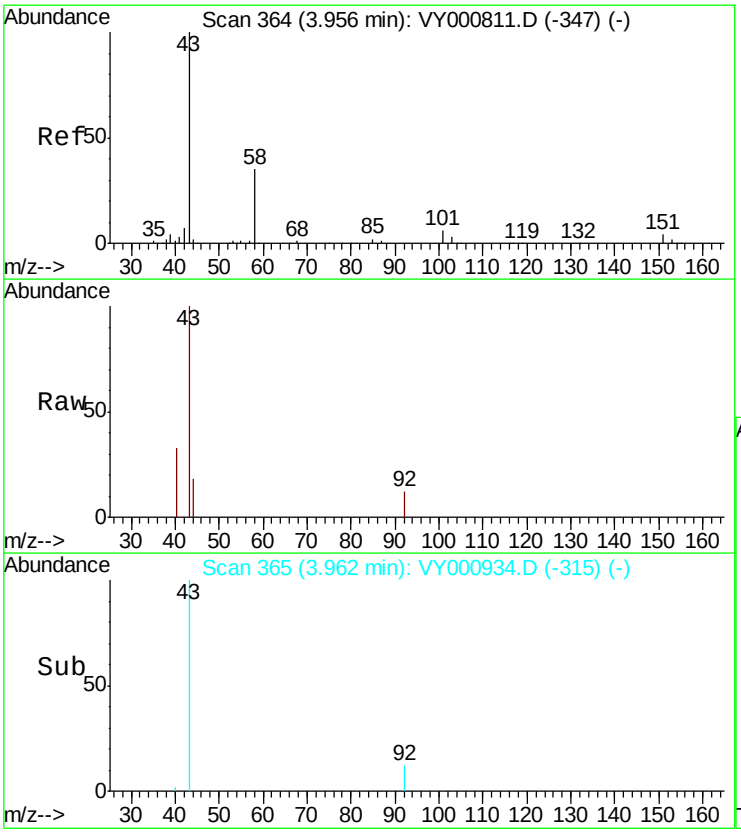
#10
Methyl Iodide
Concen: 1.219 ug/l
RT: 4.10 min Scan# 388
Delta R.T. 0.01 min
Lab File: VY000934.D
Acq: 12 Dec 2019 16:58

Instrument :
MSVOA_Y
ClientSampleId :
33-19-12-11-01WRE

Tgt Ion:142 Resp: 185

Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.8	50.8#
141	20.0	10.9	16.3#

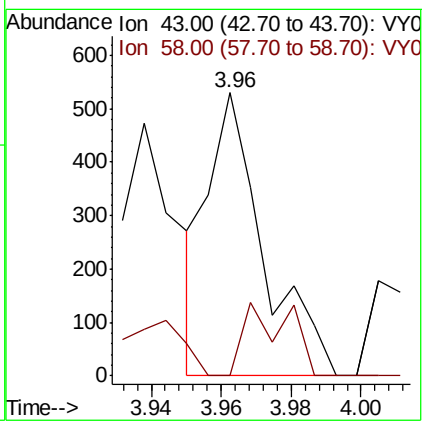


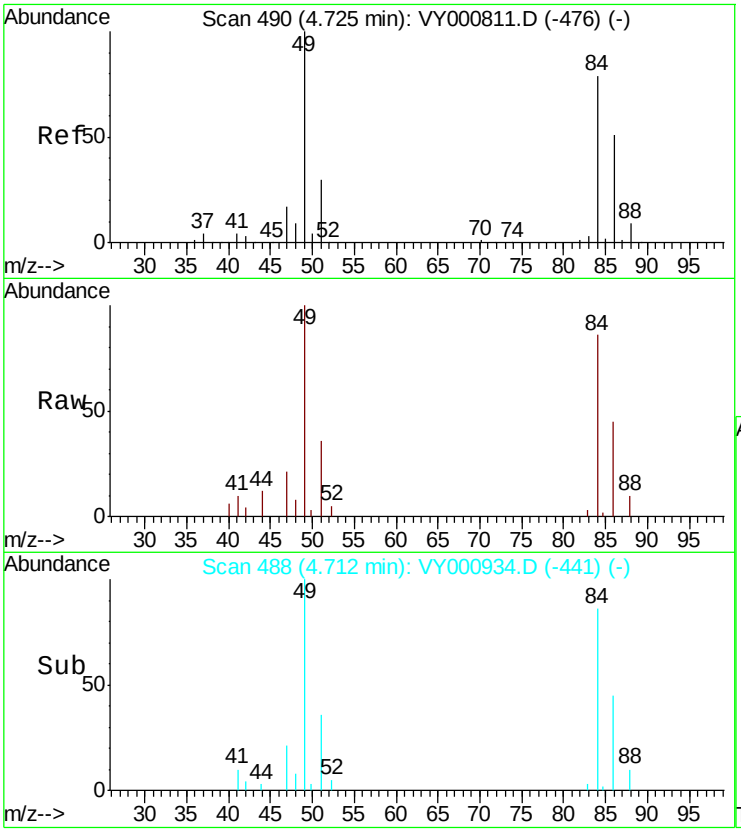


#16
Acetone
Concen: 22.036 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY000934.D
Acq: 12 Dec 2019 16:58

Tgt Ion: 43 Resp: 585

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.0	42.0#



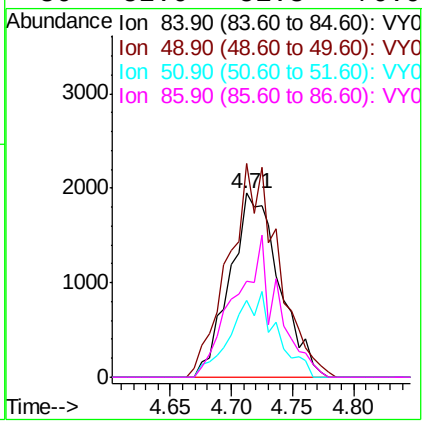


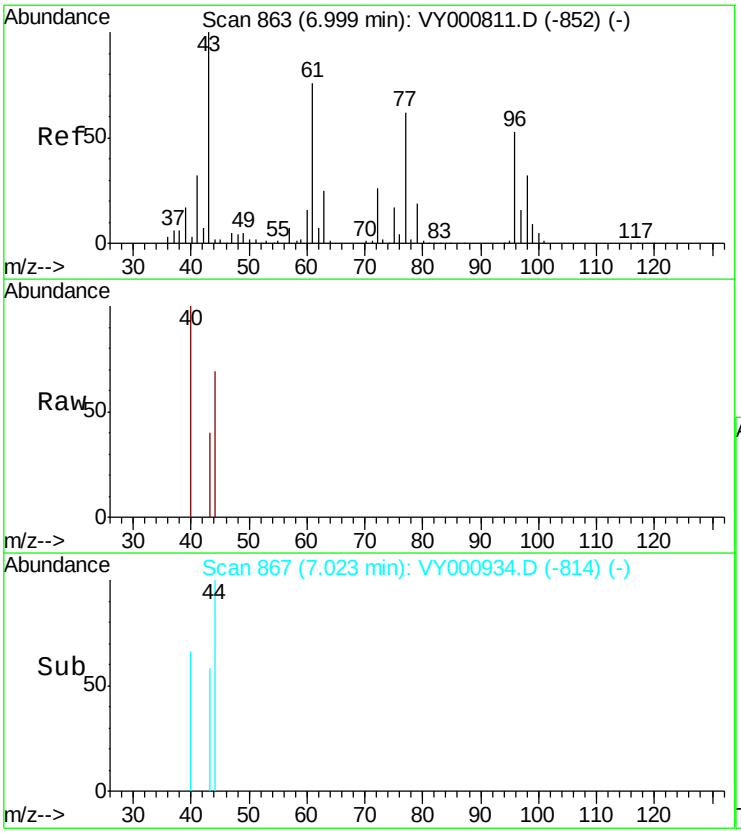
#20
Methylene Chloride
Concen: 38.939 ug/l
RT: 4.71 min Scan# 488
Delta R.T. -0.01 min
Lab File: VY000934.D
Acq: 12 Dec 2019 16:58

Instrument :
MSVOA_Y
ClientSampleId :
33-19-12-11-01WRE

Tgt Ion: 84 Resp: 5449

Ion	Ratio	Lower	Upper
84	100		
49	116.0	101.3	151.9
51	41.9	30.6	45.8
86	52.0	51.3	76.9

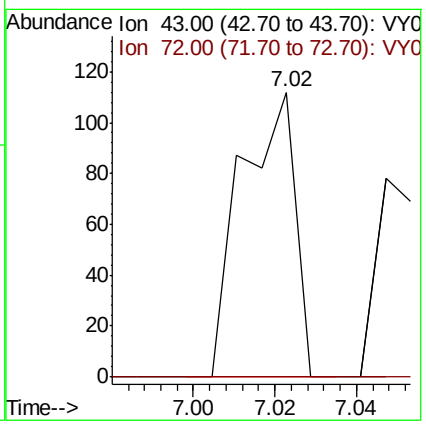


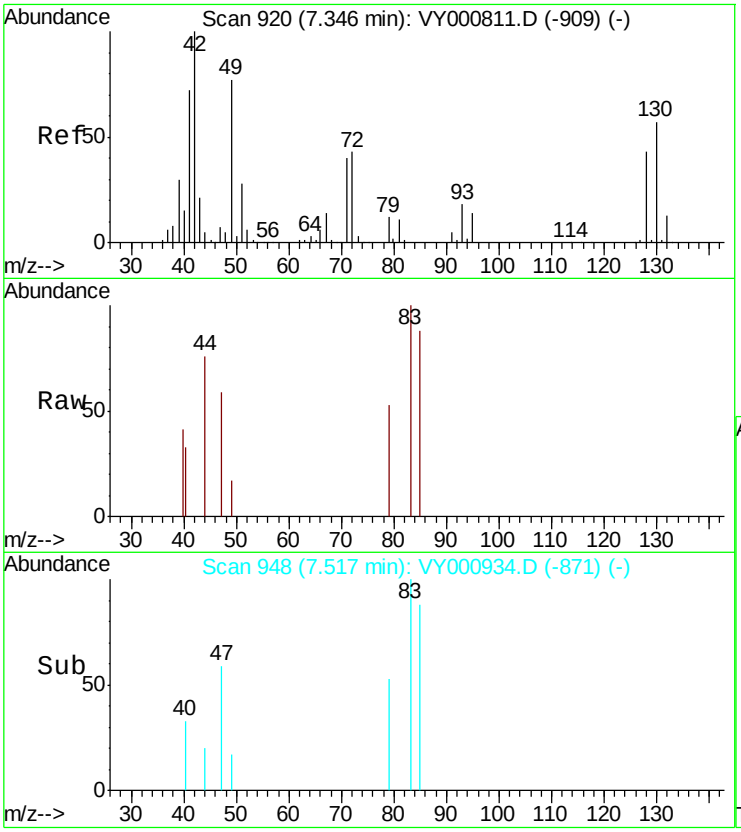


#25
2-Butanone
Concen: 2.100 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.02 min
Lab File: VY000934.D
Acq: 12 Dec 2019 16:58

Tgt Ion: 43 Resp: 103

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.4#



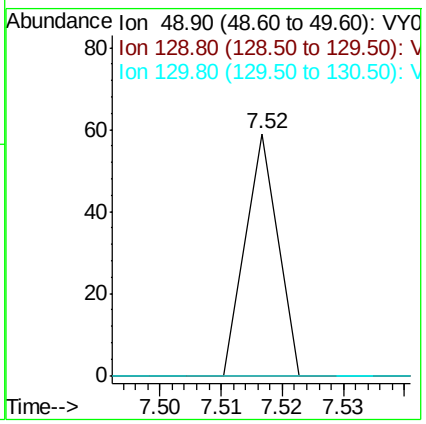


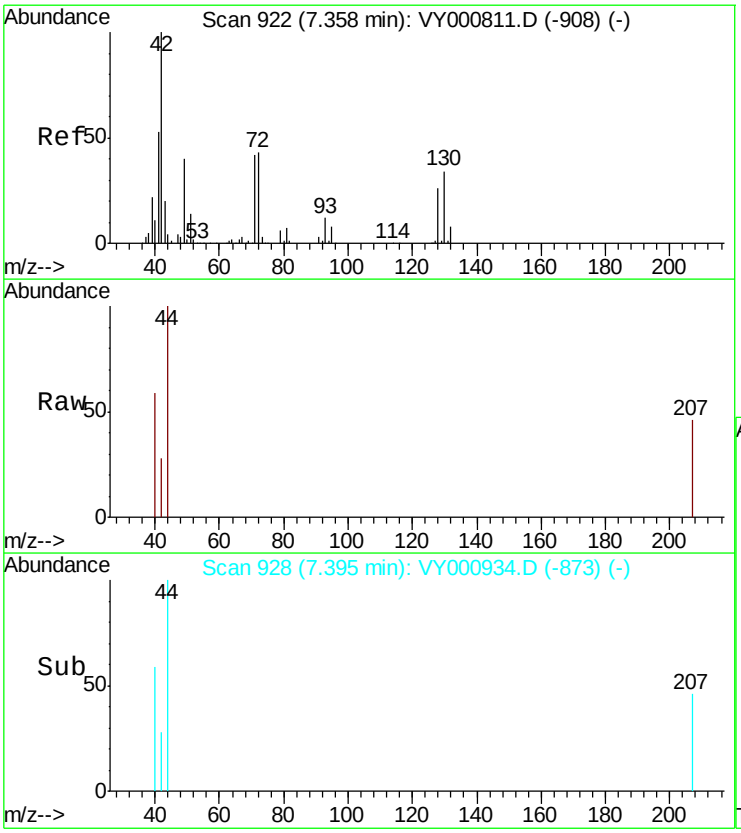
#28
Bromochloromethane
Concen: 2.264 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.17 min
Lab File: VY000934.D
Acq: 12 Dec 2019 16:58

Instrument :
MSVOA_Y
ClientSampleId :
33-19-12-11-01WRE

Tgt Ion: 49 Resp: 22

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	58.7	88.1#

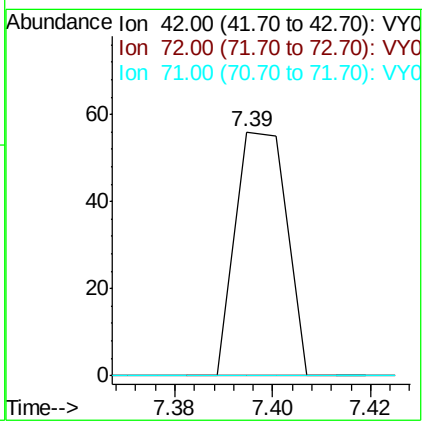


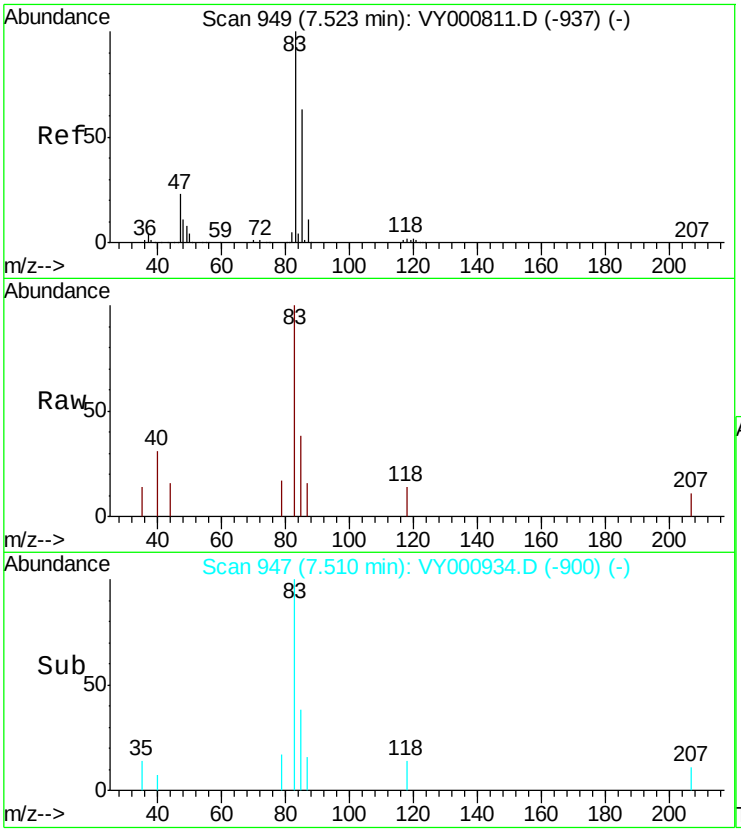


#29
Tetrahydrofuran
Concen: 1.262 ug/l
RT: 7.39 min Scan# 928
Delta R.T. 0.04 min
Lab File: VY000934.D
Acq: 12 Dec 2019 16:58

Tgt Ion: 42 Resp: 41

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.1	52.7#
71	0.0	32.8	49.2#



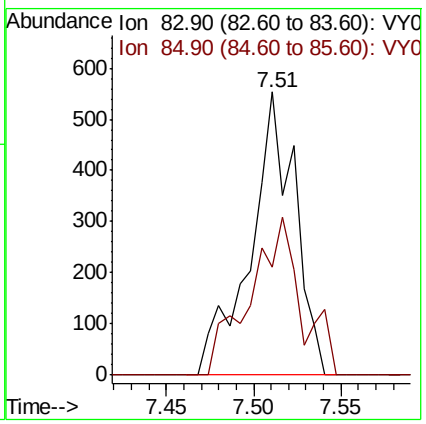


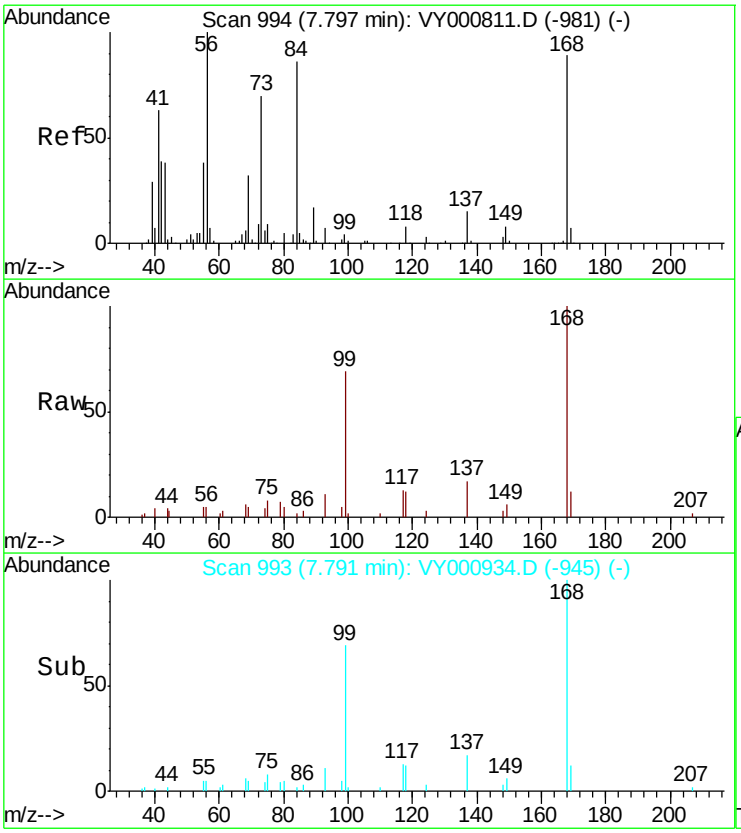
#30
Chloroform
Concen: 4.225 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY000934.D
Acq: 12 Dec 2019 16:58

Instrument :
MSVOA_Y
ClientSampleId :
33-19-12-11-01WRE

Tgt Ion: 83 Resp: 983

Ion	Ratio	Lower	Upper
83	100		
85	38.0	50.4	75.6#

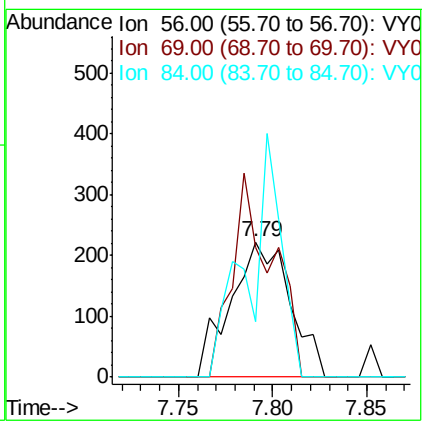


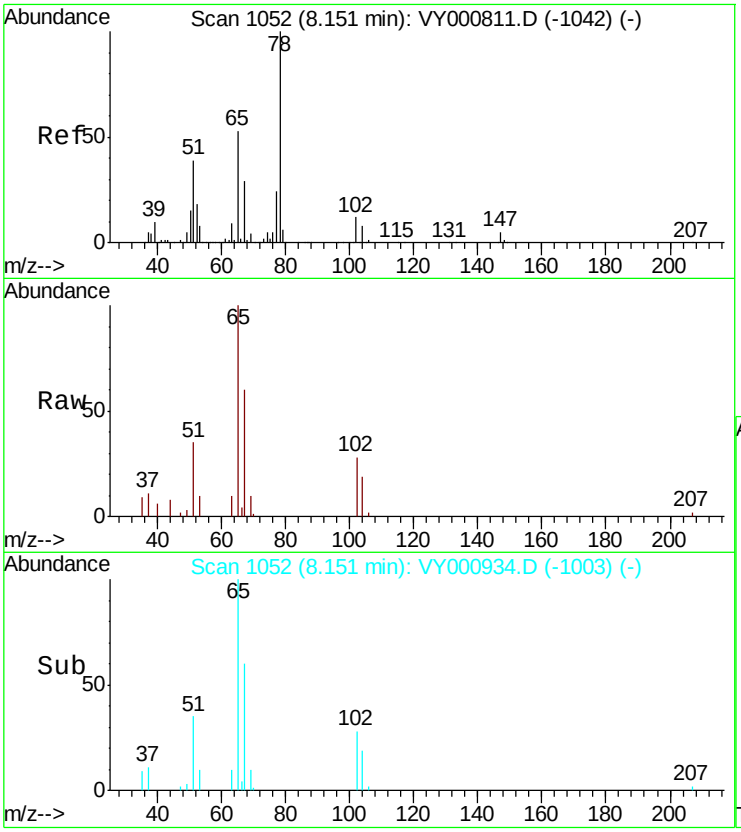


#31
Cyclohexane
Concen: 1.994 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000934.D
Acq: 12 Dec 2019 16:58

Tgt Ion: 56 Resp: 490

Ion	Ratio	Lower	Upper
56	100		
69	96.4	25.9	38.9#
84	41.4	68.6	102.8#



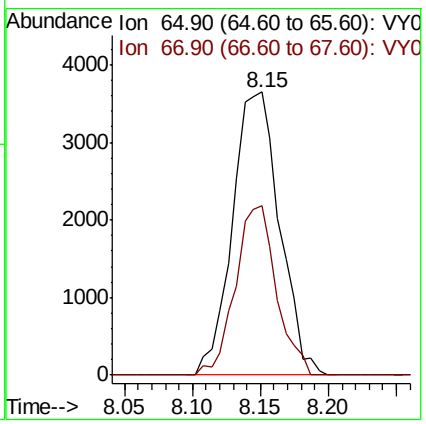


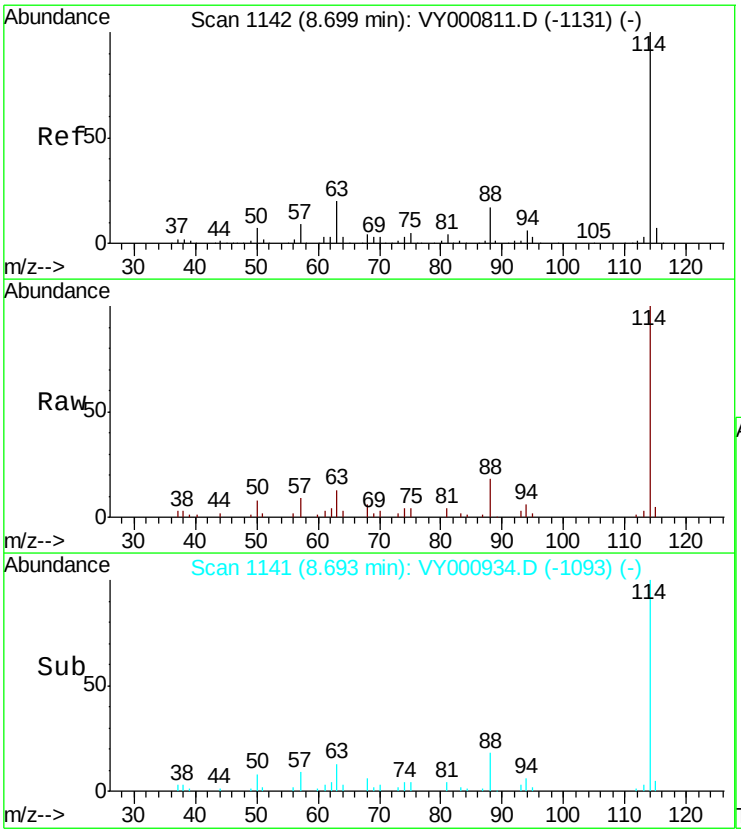
#33
1,2-Dichloroethane-d4
Concen: 76.327 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000934.D
Acq: 12 Dec 2019 16:58

Instrument : MSVOA_Y
ClientSampleId : 33-19-12-11-01WRE

Tgt Ion: 65 Resp: 8833

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	112.0

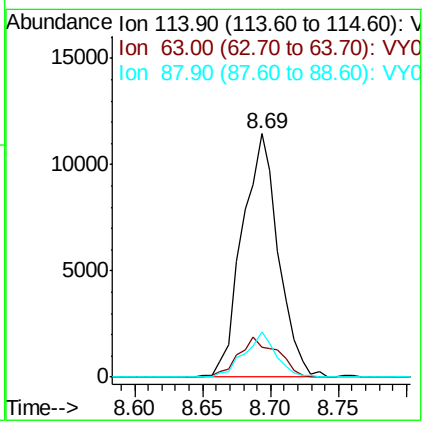


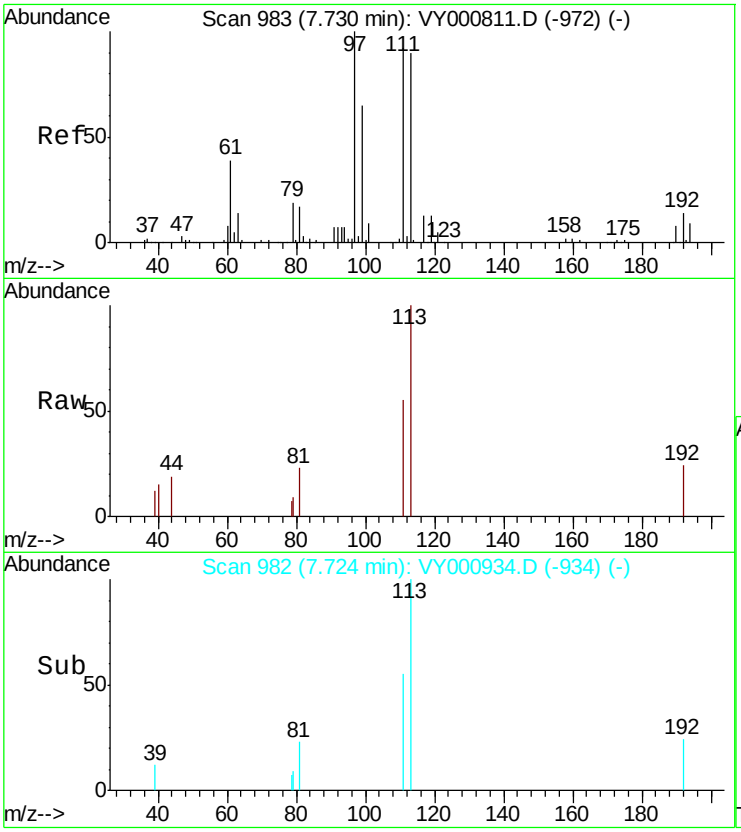


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VY000934.D
Acq: 12 Dec 2019 16:58

Tgt Ion:114 Resp: 21371

Ion	Ratio	Lower	Upper
114	100		
63	12.5	0.0	39.8
88	18.5	0.0	33.2



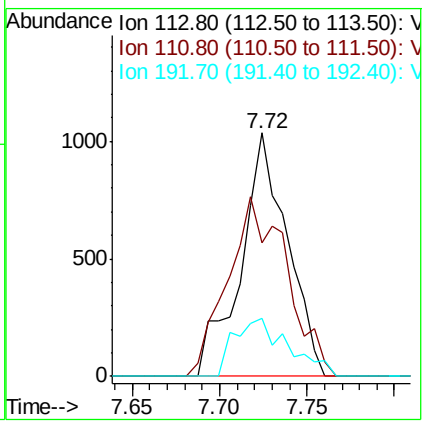


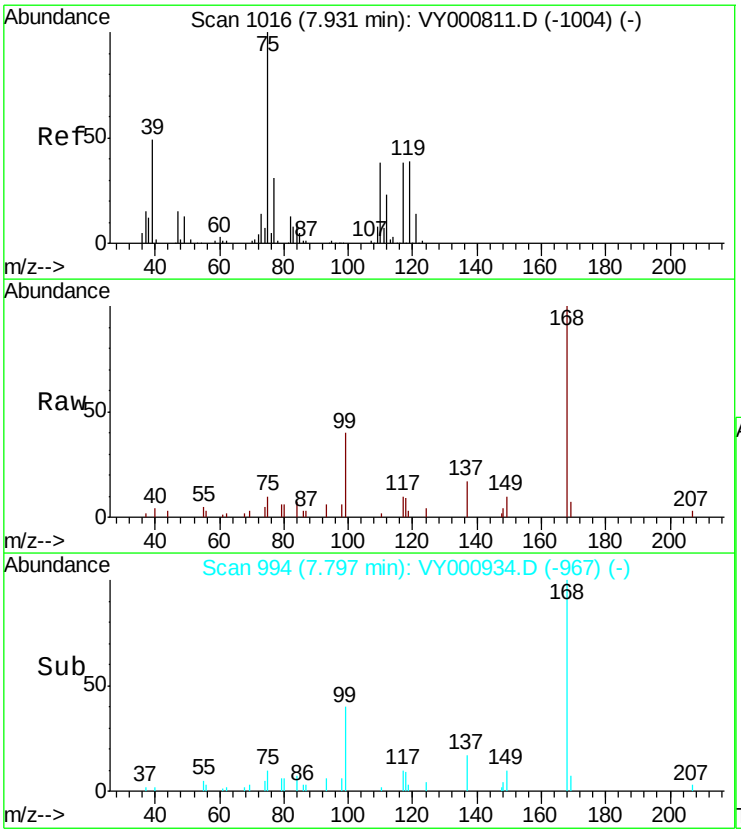
#35
Dibromofluoromethane
Concen: 15.424 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY000934.D
Acq: 12 Dec 2019 16:58

Instrument :
MSVOA_Y
ClientSampleId :
33-19-12-11-01WRE

Tgt Ion:113 Resp: 1921

Ion	Ratio	Lower	Upper
113	100		
111	93.4	82.4	123.6
192	27.6	14.2	21.2#

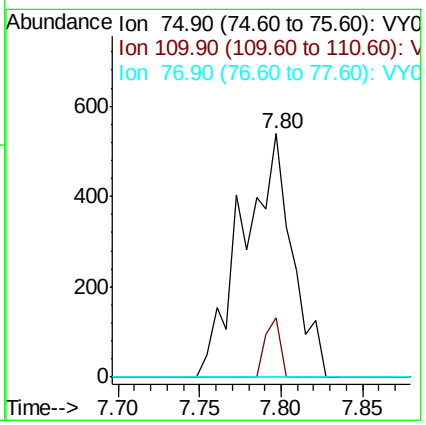


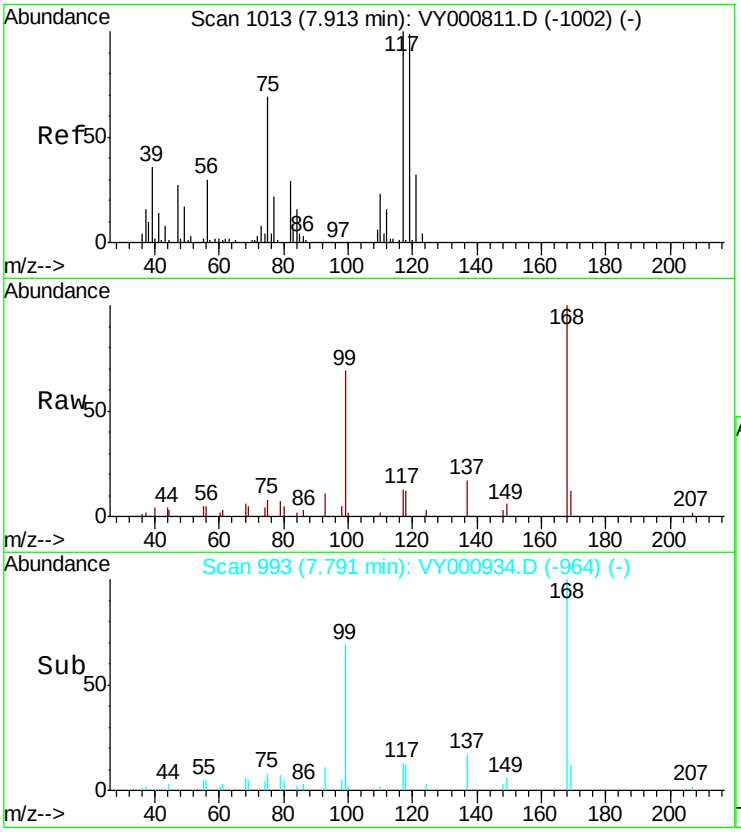


#36
1,1-Dichloropropene
Concen: 5.327 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY000934.D
Acq: 12 Dec 2019 16:58

Tgt Ion: 75 Resp: 1132

Ion	Ratio	Lower	Upper
75	100		
110	7.2	17.9	53.7#
77	0.0	24.7	37.1#



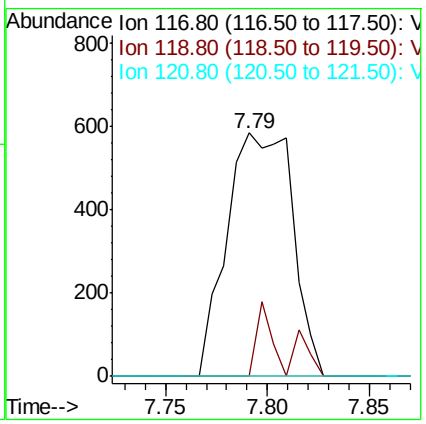


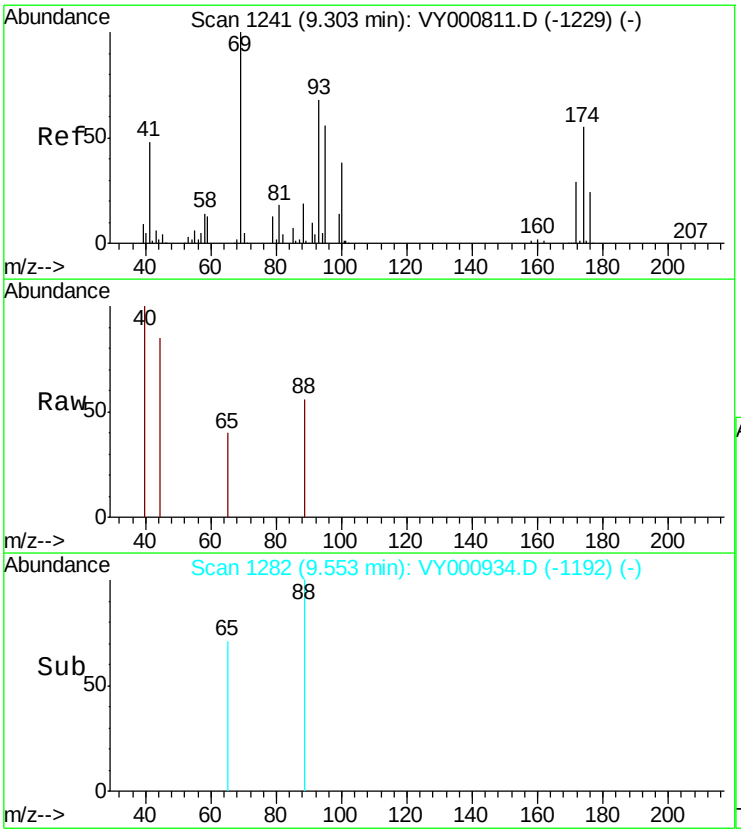
#38
Carbon Tetrachloride
Concen: 6.885 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.12 min
Lab File: VY000934.D
Acq: 12 Dec 2019 16:58

Instrument :
MSVOA_Y
ClientSampleId :
33-19-12-11-01WRE

Tgt Ion:117 Resp: 1303

Ion	Ratio	Lower	Upper
117	100		
119	0.0	79.3	118.9#
121	0.0	25.5	38.3#

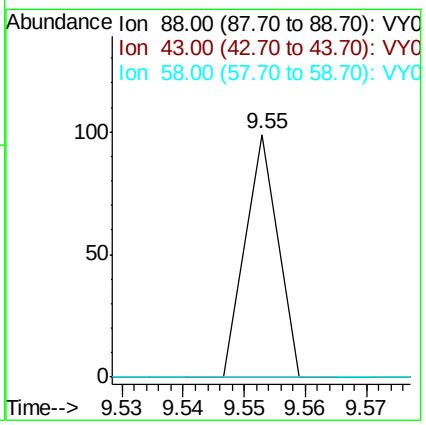


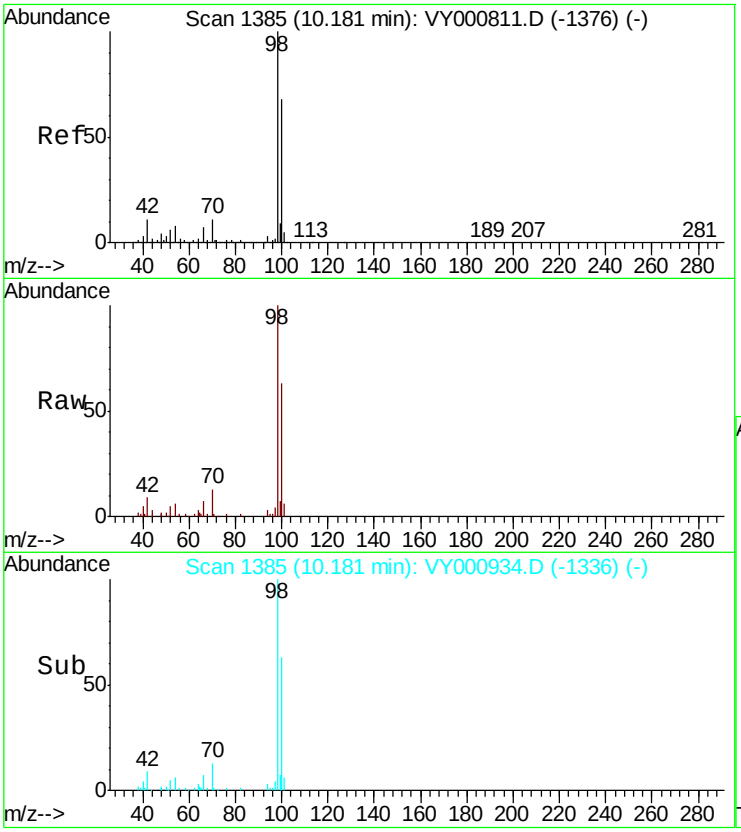


#49
1,4-Dioxane
Concen: 31.277 ug/l
RT: 9.55 min Scan# 1282
Delta R.T. 0.25 min
Lab File: VY000934.D
Acq: 12 Dec 2019 16:58

Tgt Ion: 88 Resp: 36

Ion	Ratio	Lower	Upper
88	100		
43	0.0	21.1	31.7#
58	0.0	50.7	76.1#



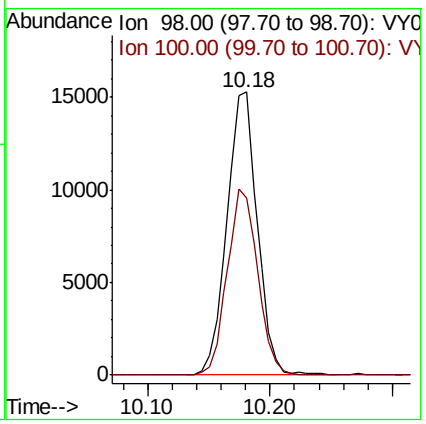


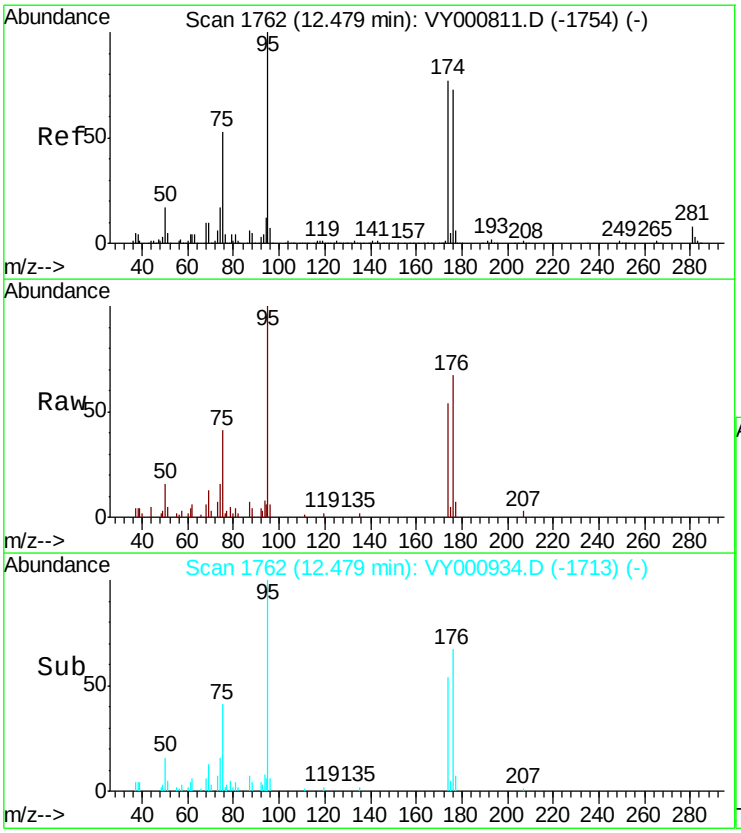
#50
Toluene-d8
Concen: 52.554 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000934.D
Acq: 12 Dec 2019 16:58

Instrument :
MSVOA_Y
ClientSampleId :
33-19-12-11-01WRE

Tgt Ion: 98 Resp: 26169

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.1	79.7

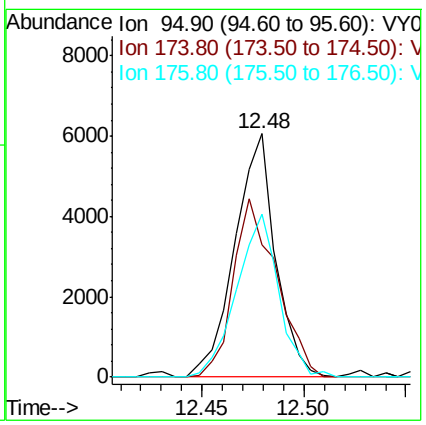


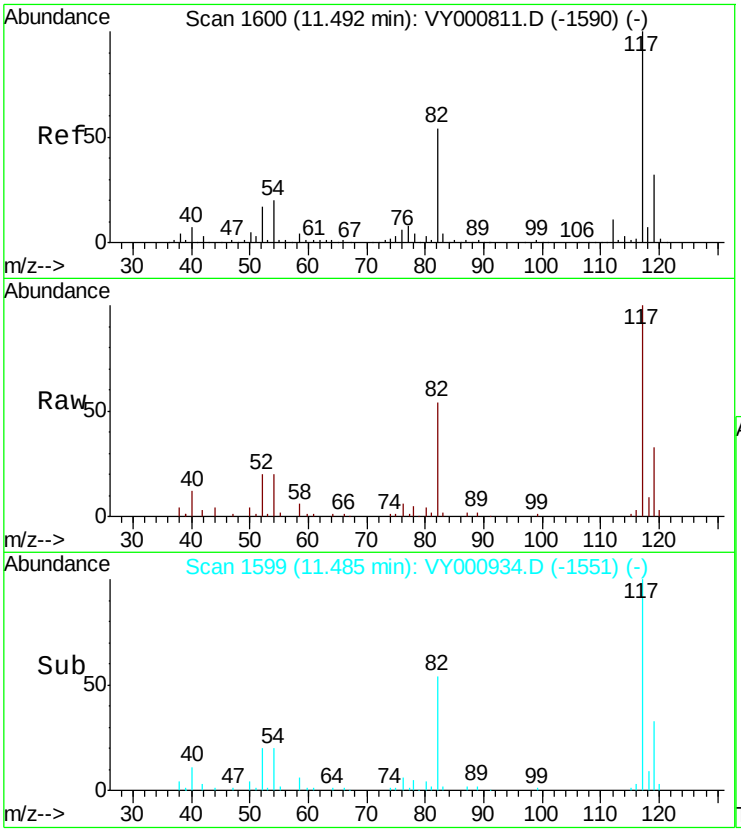


#62
4-Bromofluorobenzene
Concen: 44.983 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000934.D
Acq: 12 Dec 2019 16:58

Tgt Ion: 95 Resp: 8412

Ion	Ratio	Lower	Upper
95	100		
174	77.6	0.0	150.6
176	69.2	0.0	145.2



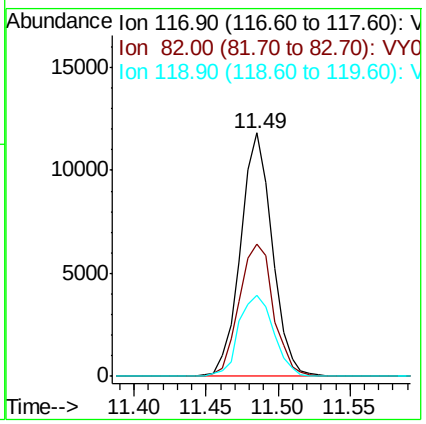


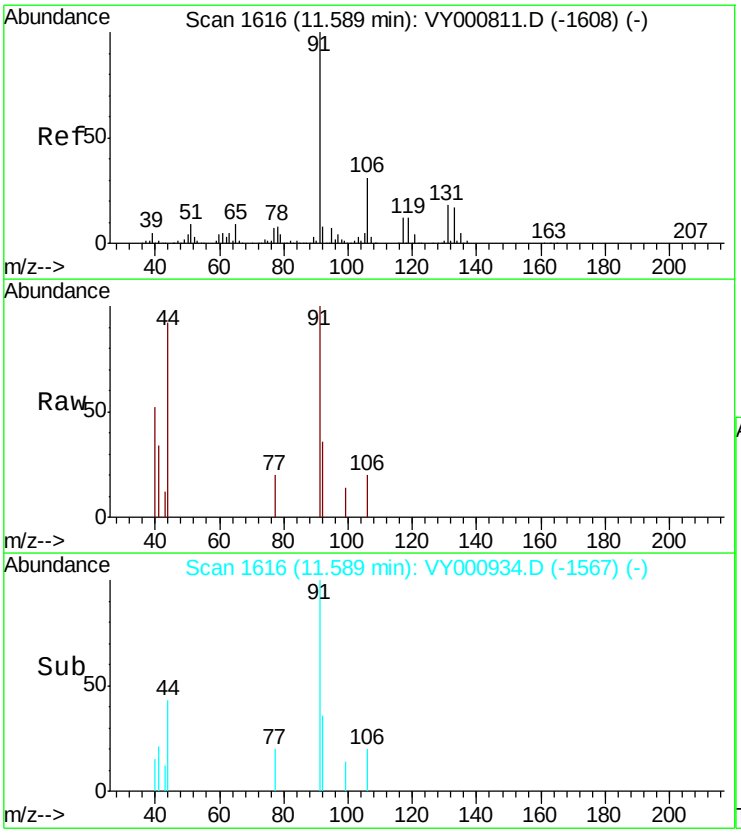
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000934.D
Acq: 12 Dec 2019 16:58

Instrument : MSVOA_Y
ClientSampleId : 33-19-12-11-01WRE

Tgt Ion:117 Resp: 18007

Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.1	64.7
119	33.2	25.3	37.9

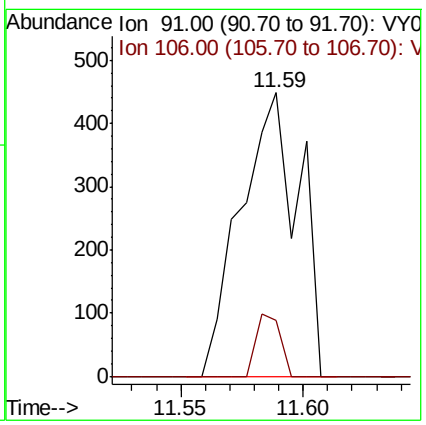


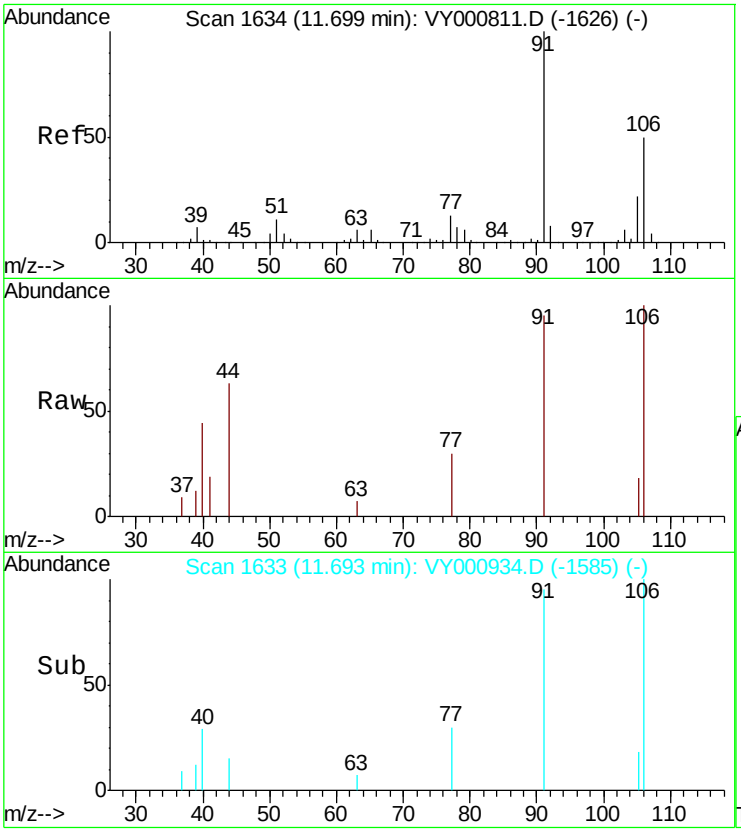


#67
Ethyl Benzene
Concen: 1.072 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000934.D
Acq: 12 Dec 2019 16:58

Tgt Ion: 91 Resp: 747

Ion	Ratio	Lower	Upper
91	100		
106	19.9	24.4	36.6#



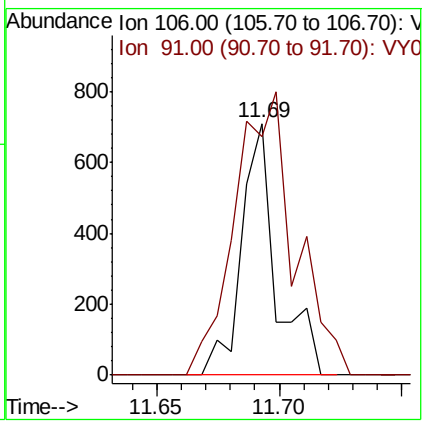


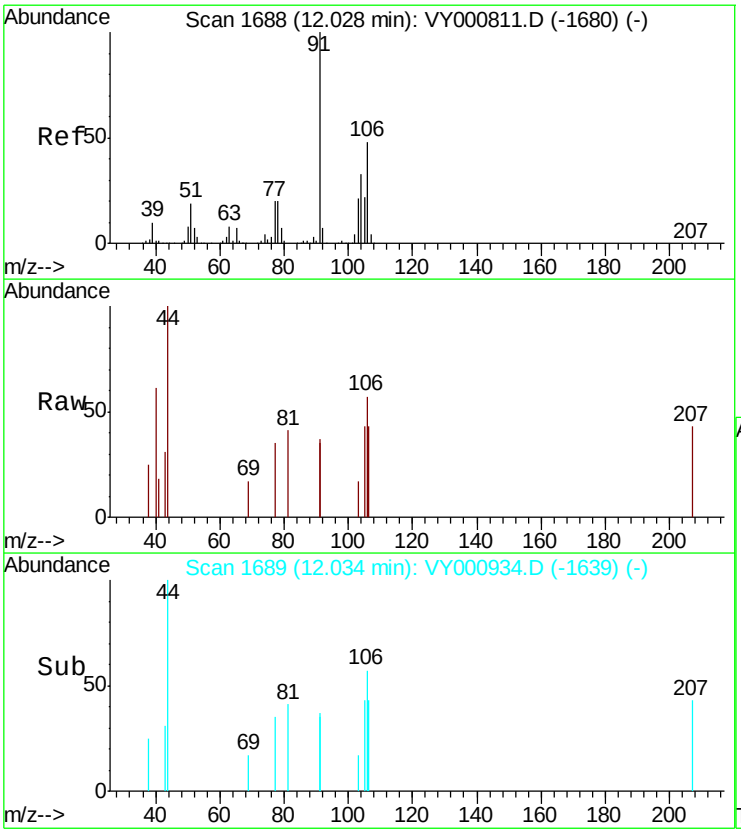
#68
m/p-Xylenes
Concen: 2.656 ug/l
RT: 11.69 min Scan# 1633
Delta R.T. -0.01 min
Lab File: VY000934.D
Acq: 12 Dec 2019 16:58

Instrument :
MSVOA_Y
ClientSampleId :
33-19-12-11-01WRE

Tgt Ion:106 Resp: 695

Ion	Ratio	Lower	Upper
106	100		
91	196.0	159.6	239.4

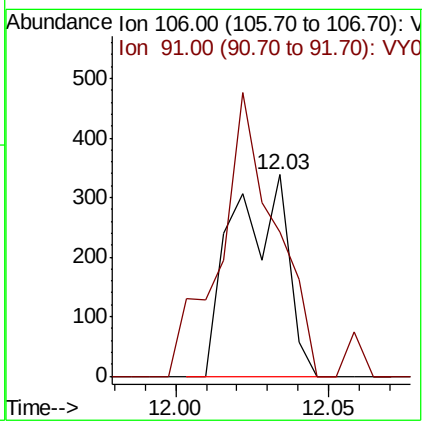


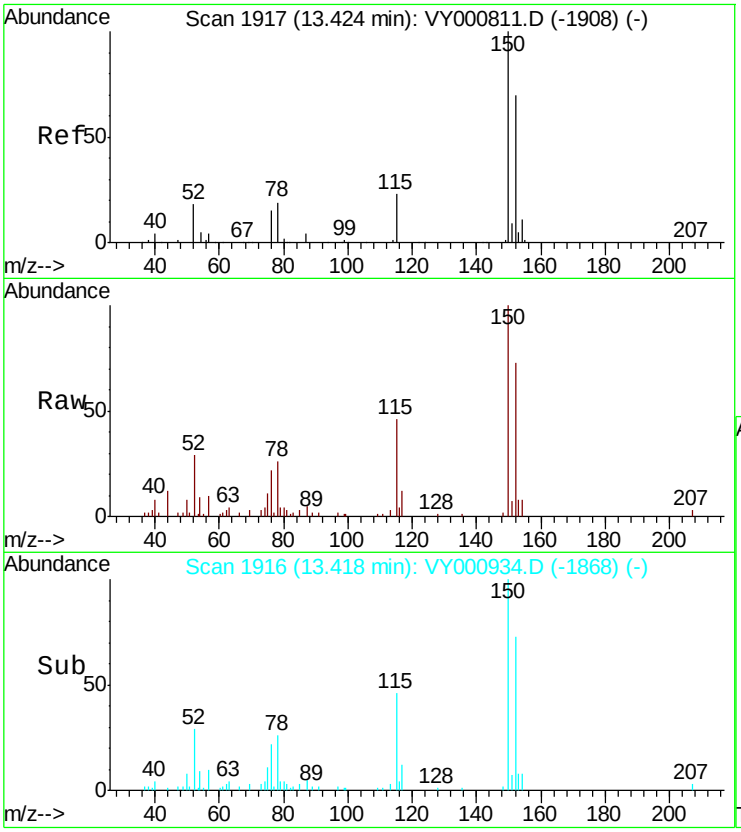


#69
o-Xylene
Concen: 1.701 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY000934.D
Acq: 12 Dec 2019 16:58

Tgt Ion:106 Resp: 415

Ion	Ratio	Lower	Upper
106	100		
91	143.6	106.1	318.1



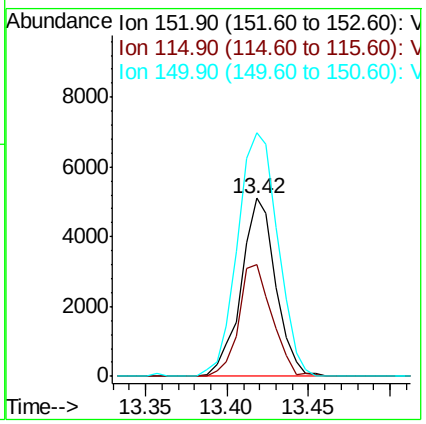


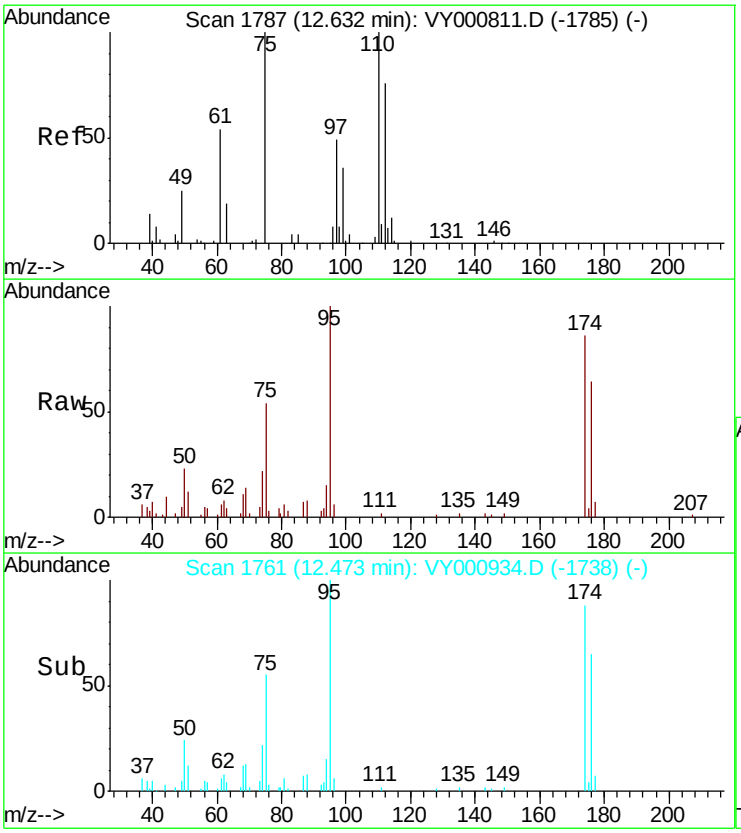
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY000934.D
Acq: 12 Dec 2019 16:58

Instrument :
MSVOA_Y
ClientSampleId :
33-19-12-11-01WRE

Tgt Ion:152 Resp: 7584

Ion	Ratio	Lower	Upper
152	100		
115	60.3	29.3	87.8
150	158.4	0.0	351.2

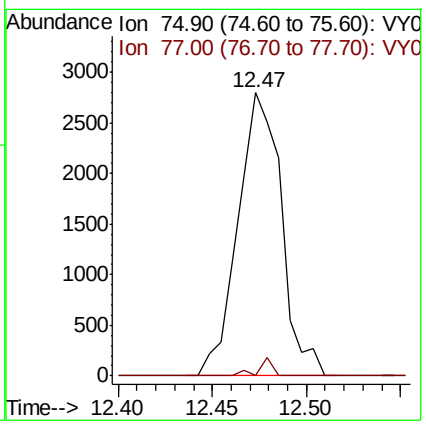


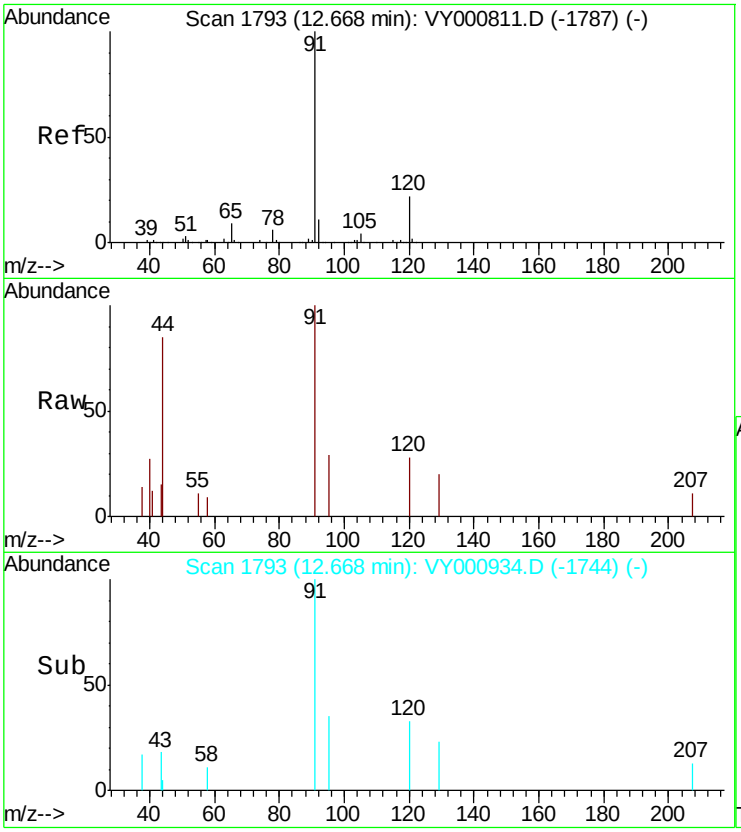


#76
1,2,3-Trichloropropane
Concen: 51.870 ug/l
RT: 12.47 min Scan# 1761
Delta R.T. -0.16 min
Lab File: VY000934.D
Acq: 12 Dec 2019 16:58

Tgt Ion: 75 Resp: 4457

Ion	Ratio	Lower	Upper
75	100		
77	2.0	0.0	0.0#



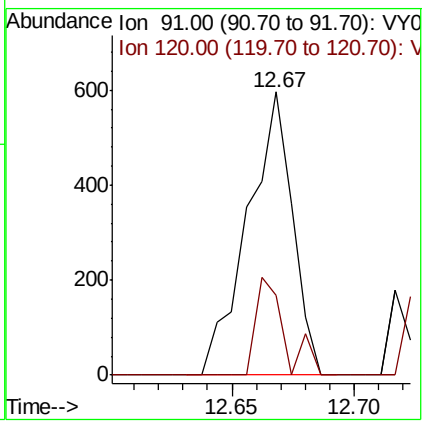


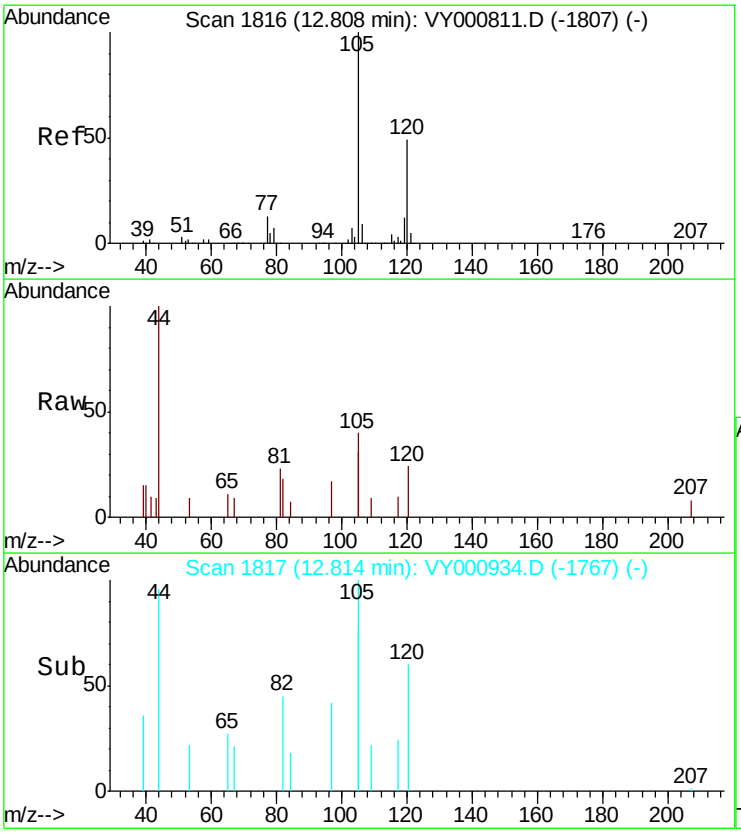
#78
n-propylbenzene
Concen: 1.035 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY000934.D
Acq: 12 Dec 2019 16:58

Instrument :
MSVOA_Y
ClientSampleId :
33-19-12-11-01WRE

Tgt Ion: 91 Resp: 763

Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.2	33.5

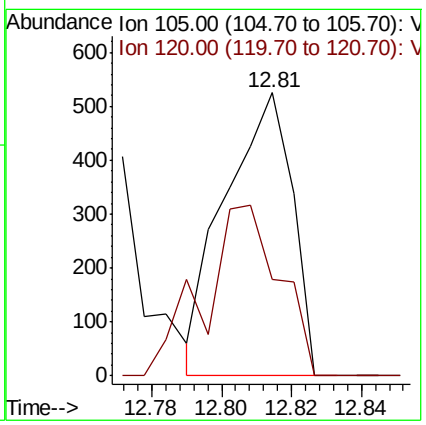


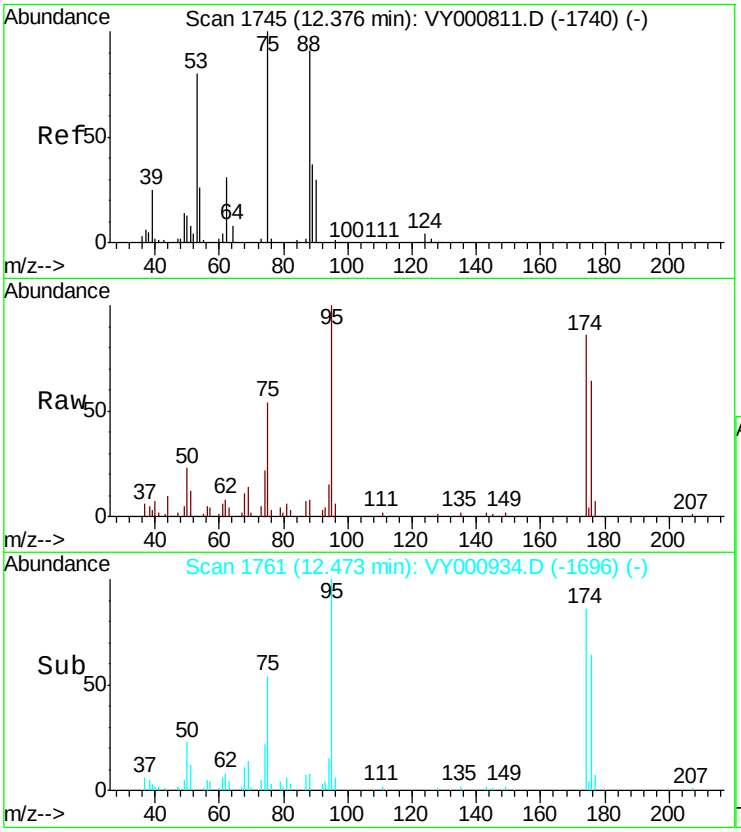


#80
1,3,5-Trimethylbenzene
Concen: 1.396 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.01 min
Lab File: VY000934.D
Acq: 12 Dec 2019 16:58

Tgt Ion:105 Resp: 698

Ion	Ratio	Lower	Upper
105	100		
120	68.2	24.6	74.0



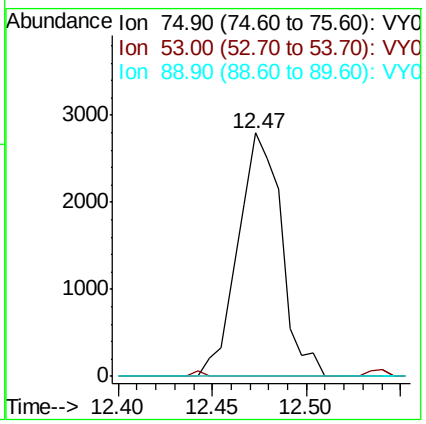


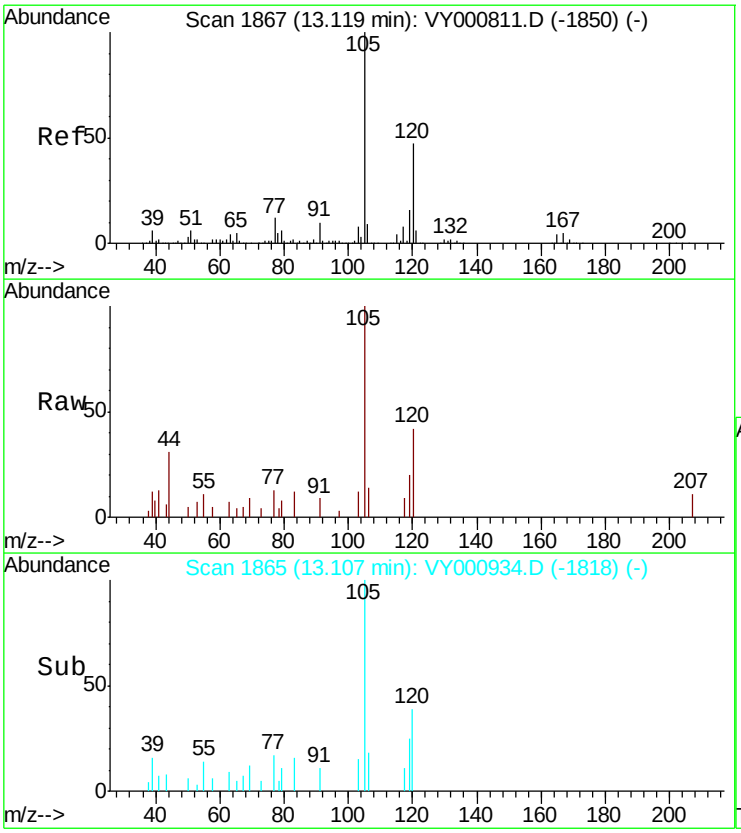
#81
trans-1,4-Dichloro-2-butene
Concen: 101.888 ug/l
RT: 12.47 min Scan# 1761
Delta R.T. 0.10 min
Lab File: VY000934.D
Acq: 12 Dec 2019 16:58

Instrument :
MSVOA_Y
ClientSampleId :
33-19-12-11-01WRE

Tgt Ion: 75 Resp: 4457

Ion	Ratio	Lower	Upper
75	100		
53	0.0	64.6	96.8#
89	0.0	33.6	50.4#

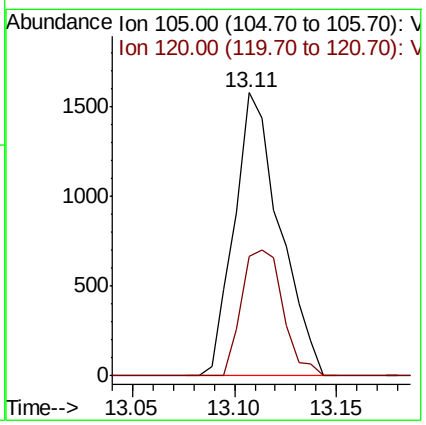


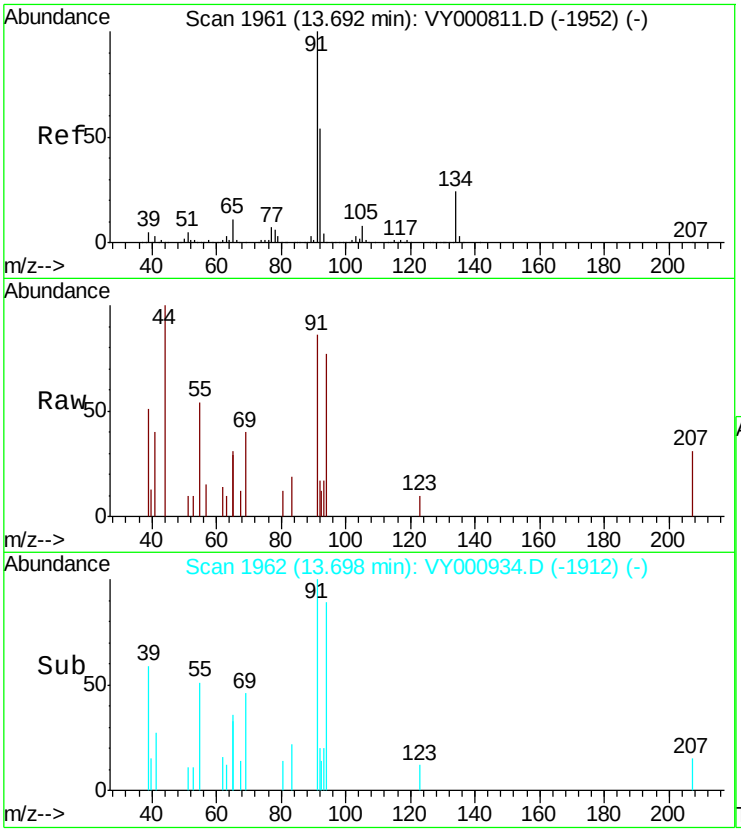


#84
1,2,4-Trimethylbenzene
Concen: 4.894 ug/l
RT: 13.11 min Scan# 1865
Delta R.T. -0.01 min
Lab File: VY000934.D
Acq: 12 Dec 2019 16:58

Tgt Ion:105 Resp: 2448

Ion	Ratio	Lower	Upper
105	100		
120	40.4	22.6	67.8



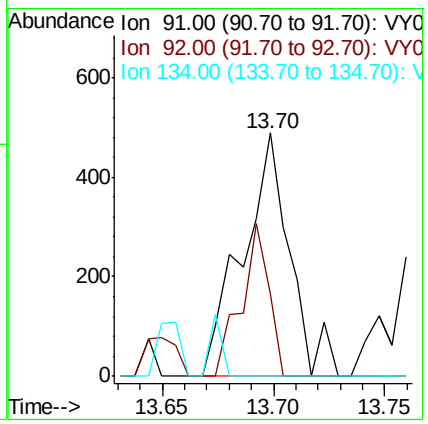


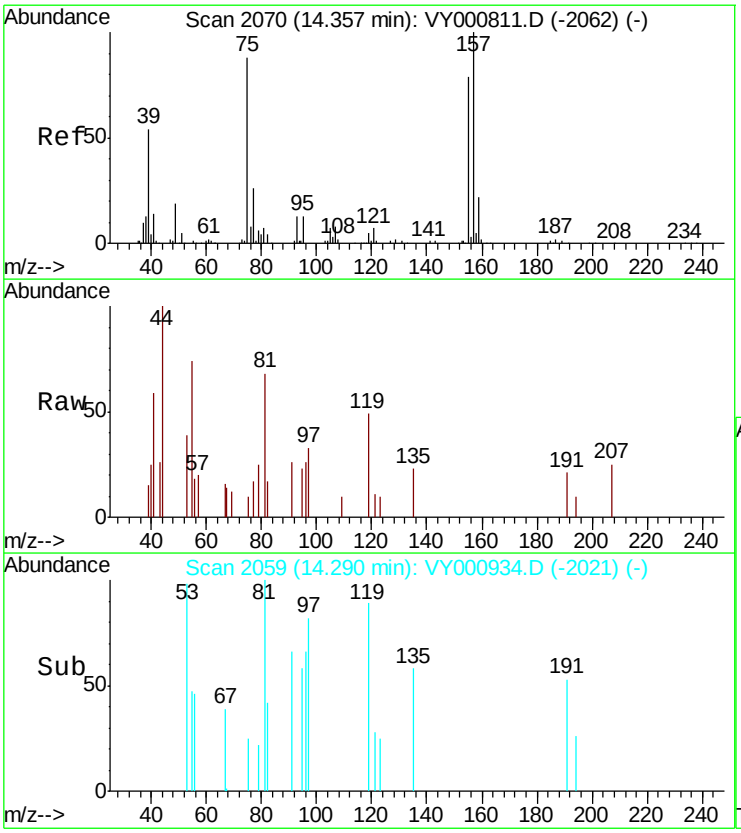
#89
n-Butylbenzene
Concen: 1.341 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY000934.D
Acq: 12 Dec 2019 16:58

Instrument :
MSVOA_Y
ClientSampleId :
33-19-12-11-01WRE

Tgt Ion: 91 Resp: 721

Ion	Ratio	Lower	Upper
91	100		
92	36.6	26.9	80.7
134	0.0	12.6	37.6#

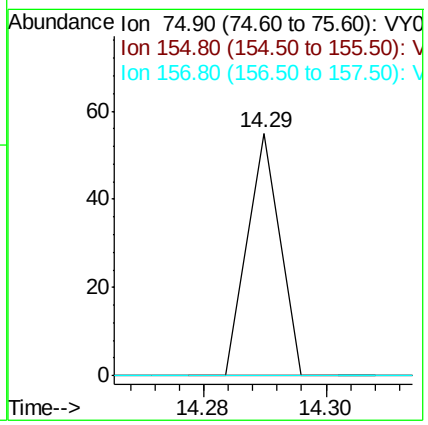


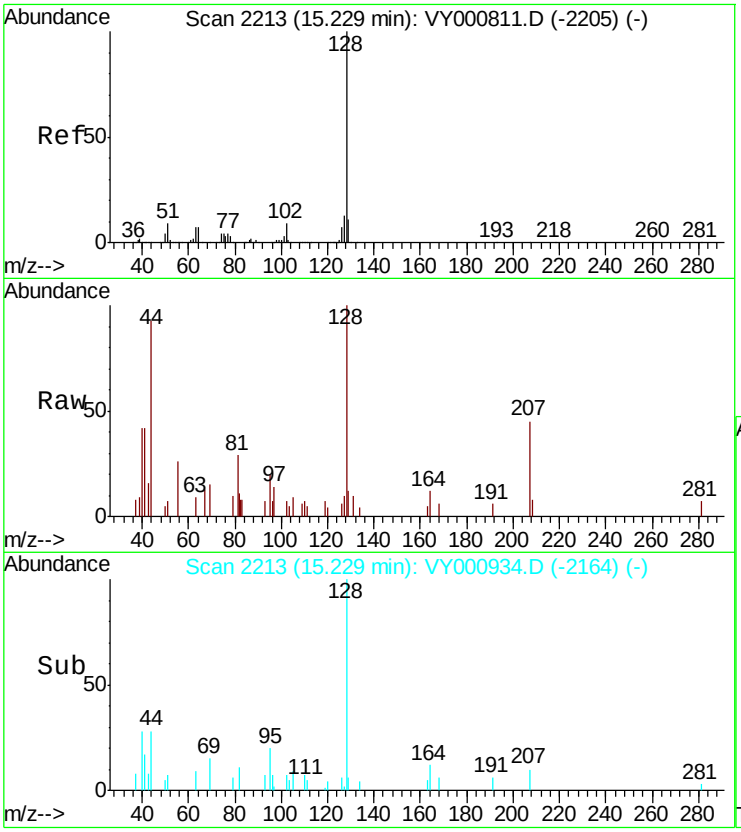


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.004 ug/l
RT: 14.29 min Scan# 2059
Delta R.T. -0.07 min
Lab File: VY000934.D
Acq: 12 Dec 2019 16:58

Tgt Ion: 75 Resp: 20

Ion	Ratio	Lower	Upper
75	100		
155	0.0	44.3	132.9#
157	0.0	56.3	168.9#





#95
Naphthalene
Concen: 5.158 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY000934.D
Acq: 12 Dec 2019 16:58

Instrument :
MSVOA_Y
ClientSampleId :
33-19-12-11-01WRE

Tgt Ion:128 Resp: 1872

Ion	Ratio	Lower	Upper
128	100		
127	8.0	10.1	15.1#
129	11.6	8.8	13.2