Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121719\
Data File : VY000980.D
Acq On : 17 Dec 2019 15:50
Operator : SY/MD
Sample : K6324-01
Misc : 7.34G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : EP-9

Quant Time: Dec 18 05:51:48 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	8222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	17578	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	17771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	9125	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	6988	79.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 159.98%			
35) Dibromofluoromethane	7.72	113	3304	32.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 64.50%			
50) Toluene-d8	10.18	98	21316	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.10%			
62) 4-Bromofluorobenzene	12.48	95	8190	53.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.50%			
Target Compounds						Qvalue
3) Chloromethane	2.11	50	493	4.519	ug/l #	83
5) Bromomethane	2.68	94	337	4.406	ug/l	85
11) Tert butyl alcohol	4.69	59	43	4.892	ug/l #	74
13) Acrolein	3.90	56	45	5.197	ug/l #	15
16) Acetone	3.97	43	1050	52.391	ug/l #	61
20) Methylene Chloride	4.72	84	687	6.503	ug/l #	83
30) Chloroform	7.52	83	708	4.031	ug/l #	83
36) 1,1-Dichloropropene	7.79	75	759	4.343	ug/l #	48
38) Carbon Tetrachloride	7.80	117	1084	6.964	ug/l #	11
76) 1,2,3-Trichloropropane	12.47	75	4113	39.783	ug/l #	100
77) Bromobenzene	12.63	156	218	1.384	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.47	75	4113	78.146	ug/l #	17
83) tert-Butylbenzene	13.06	119	740	1.463	ug/l	76
86) p-Isopropyltoluene	13.36	119	1517	2.371	ug/l #	55
89) n-Butylbenzene	13.65	91	26905	41.594	ug/l #	57
90) Hexachloroethane	14.03	117	3341	28.348	ug/l #	16
92) 1,2-Dibromo-3-Chloropropan	14.53	75	283	11.808	ug/l #	1
95) Naphthalene	15.22	128	509	1.166	ug/l #	79

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

Quantitation Report (Not Reviewed)

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Data File : VY000980.D
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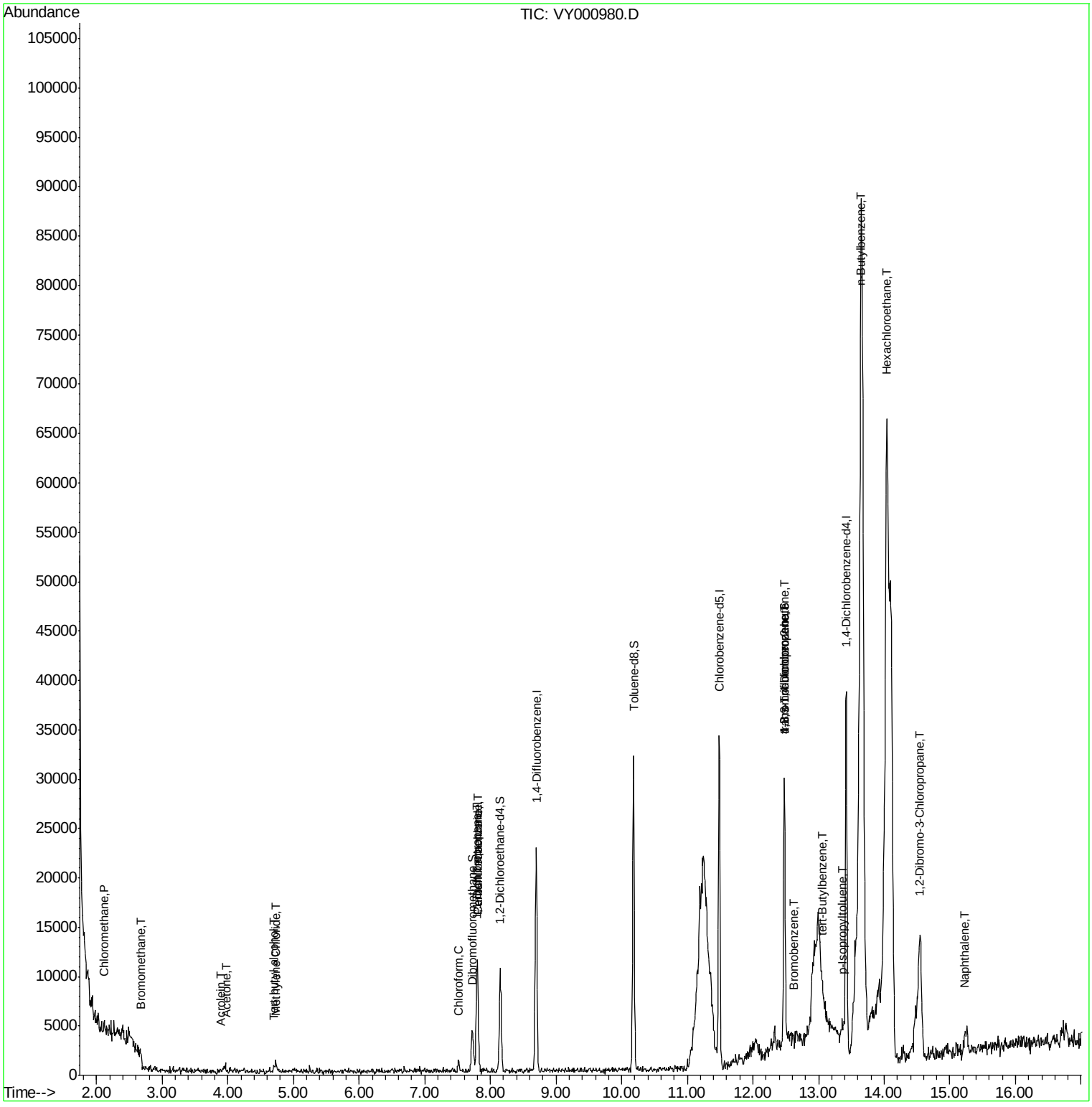
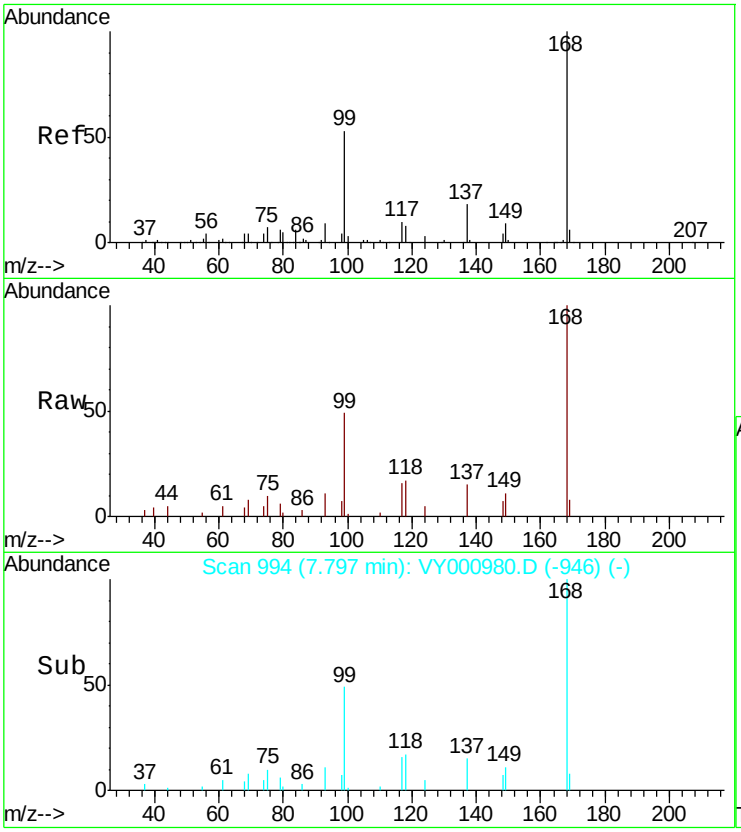


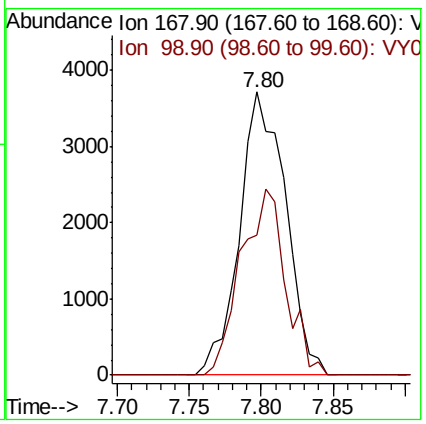


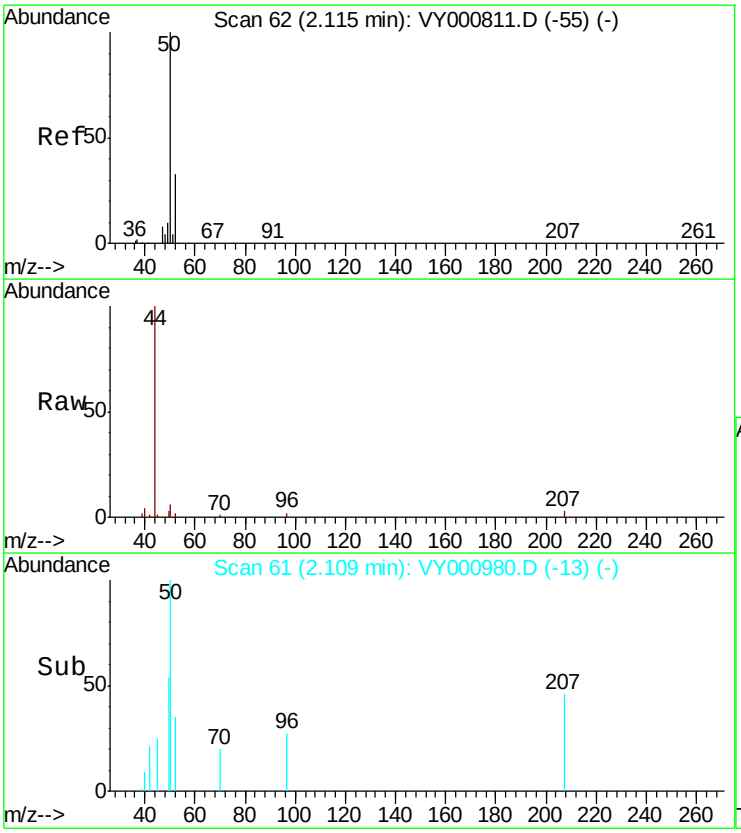
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY000980.D
Acq: 17 Dec 2019 15:50

Instrument :
MSVOA_Y
ClientSampleId :
EP-9

Tgt Ion:168 Resp: 8222

Ion	Ratio	Lower	Upper
168	100		
99	49.4	45.0	67.6

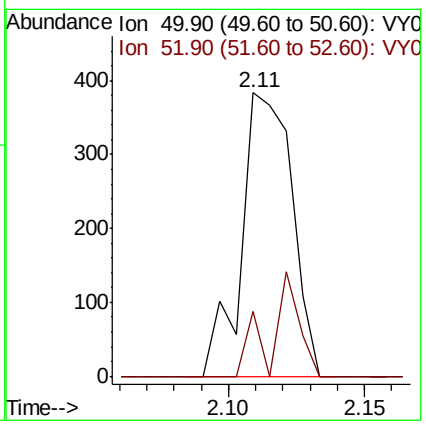


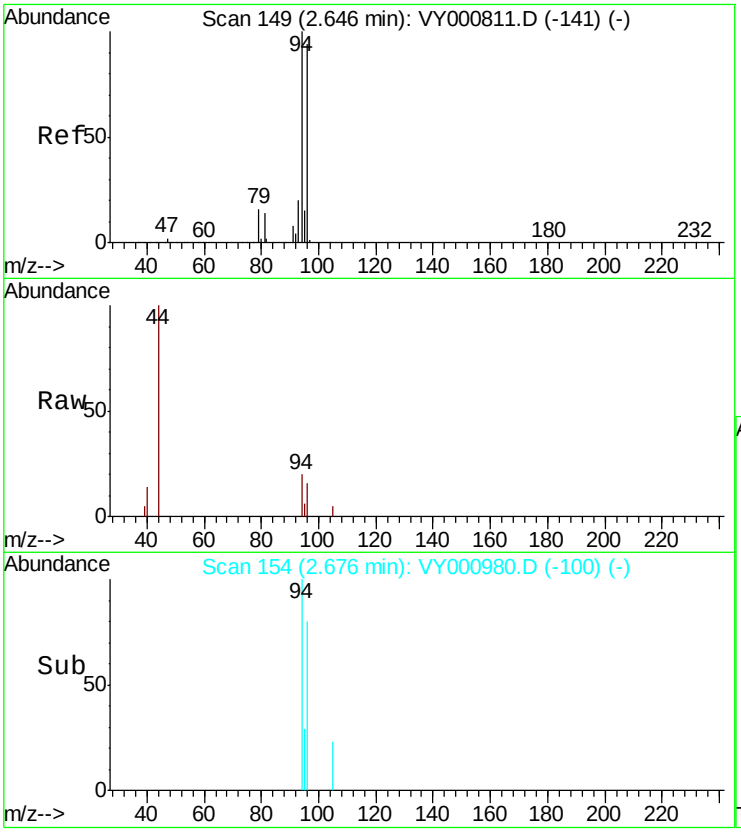


#3
Chloromethane
Concen: 4.519 ug/l
RT: 2.11 min Scan# 61
Delta R.T. -0.01 min
Lab File: VY000980.D
Acq: 17 Dec 2019 15:50

Tgt Ion: 50 Resp: 493

Ion	Ratio	Lower	Upper
50	100		
52	23.0	26.0	39.0#



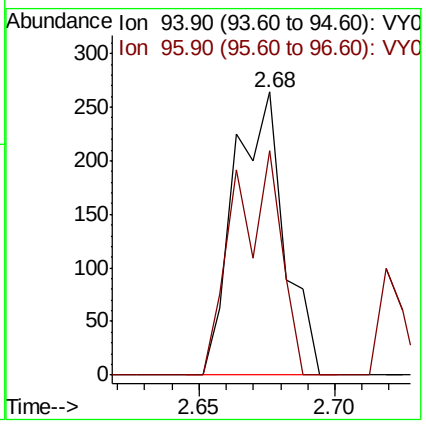


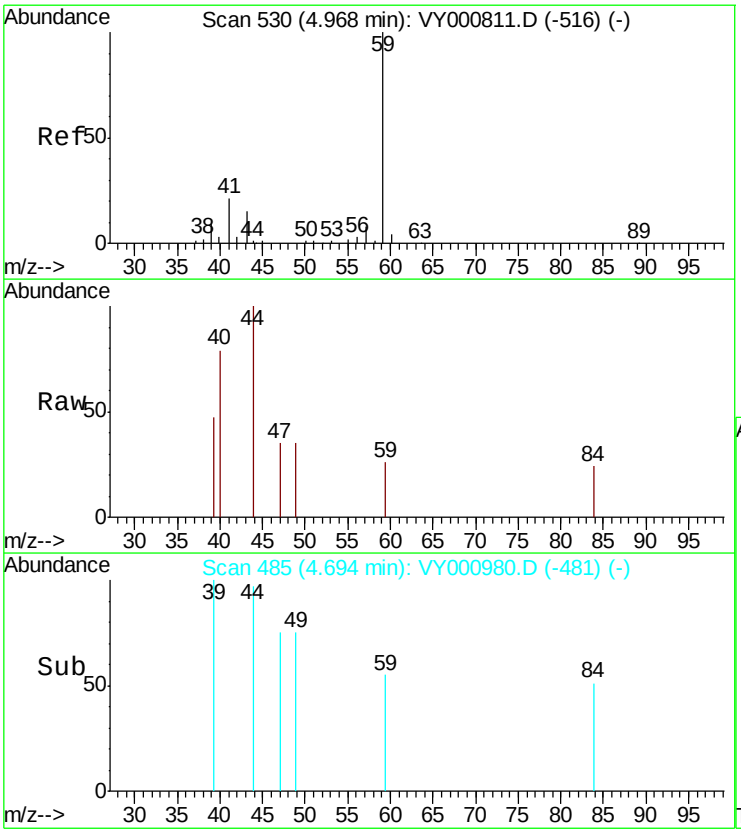
#5
Bromomethane
Concen: 4.406 ug/l
RT: 2.68 min Scan# 154
Delta R.T. 0.03 min
Lab File: VY000980.D
Acq: 17 Dec 2019 15:50

Instrument :
MSVOA_Y
ClientSampleId :
EP-9

Tgt Ion: 94 Resp: 337

Ion	Ratio	Lower	Upper
94	100		
96	79.5	75.2	112.8

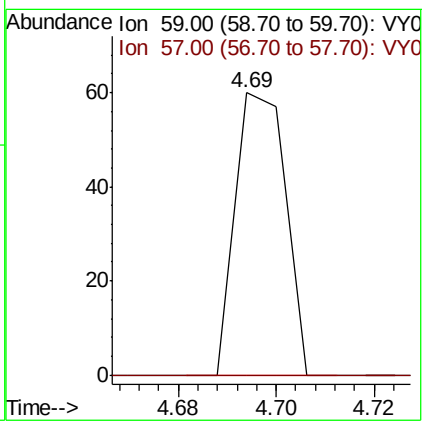


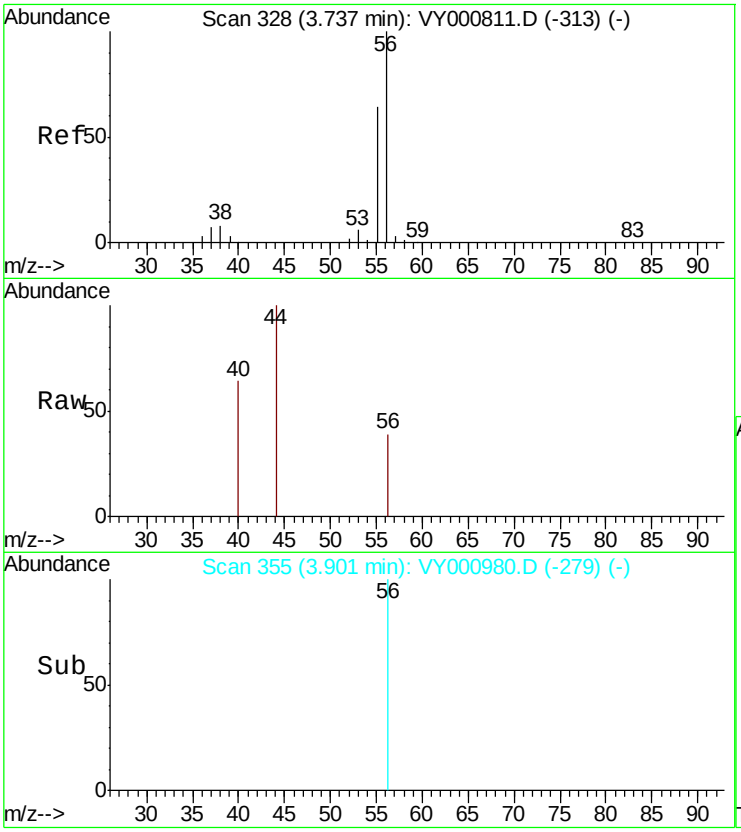


#11
Tert butyl alcohol
Concen: 4.892 ug/l
RT: 4.69 min Scan# 485
Delta R.T. -0.27 min
Lab File: VY000980.D
Acq: 17 Dec 2019 15:50

Tgt Ion: 59 Resp: 43

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#



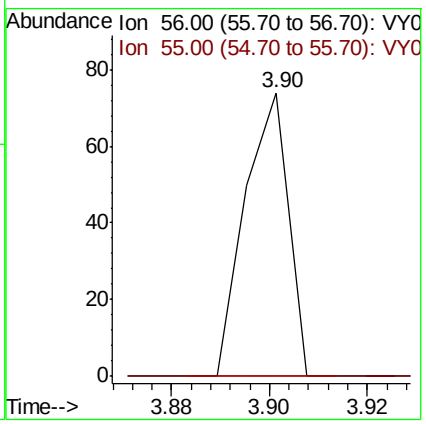


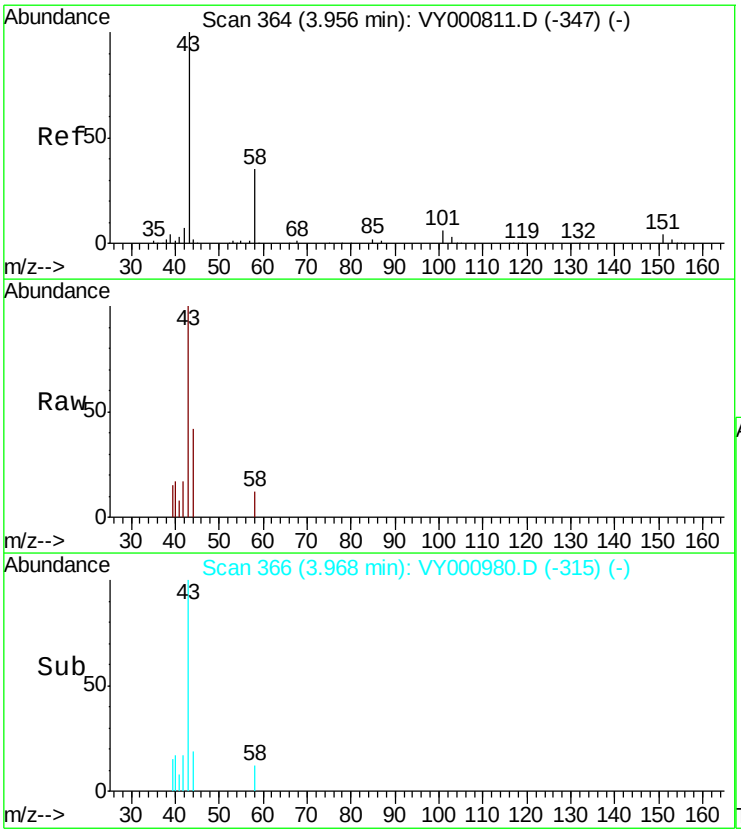
#13
Acrolein
Concen: 5.197 ug/l
RT: 3.90 min Scan# 355
Delta R.T. 0.16 min
Lab File: VY000980.D
Acq: 17 Dec 2019 15:50

Instrument : MSVOA_Y
ClientSampleId : EP-9

Tgt Ion: 56 Resp: 45

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.7	83.5#

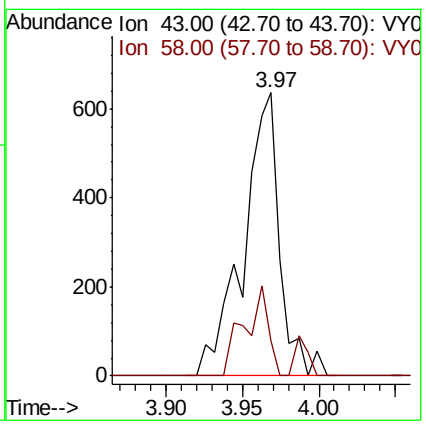


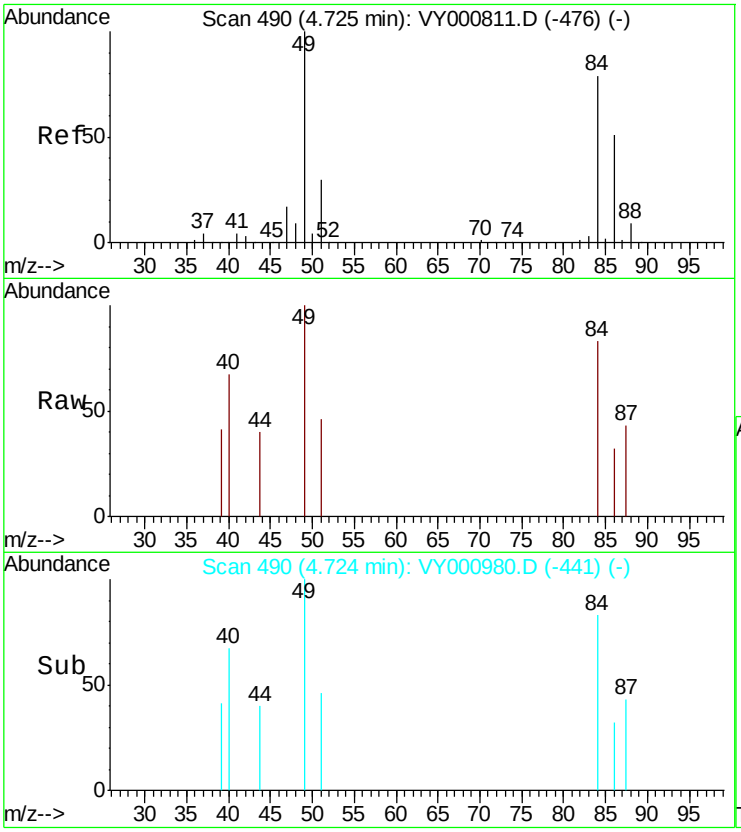


#16
Acetone
Concen: 52.391 ug/l
RT: 3.97 min Scan# 366
Delta R.T. 0.01 min
Lab File: VY000980.D
Acq: 17 Dec 2019 15:50

Tgt Ion: 43 Resp: 1050

Ion	Ratio	Lower	Upper
43	100		
58	12.4	28.0	42.0#



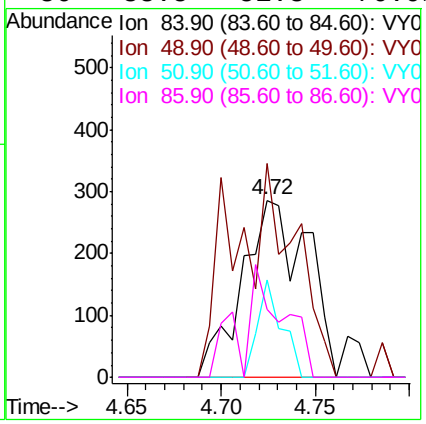


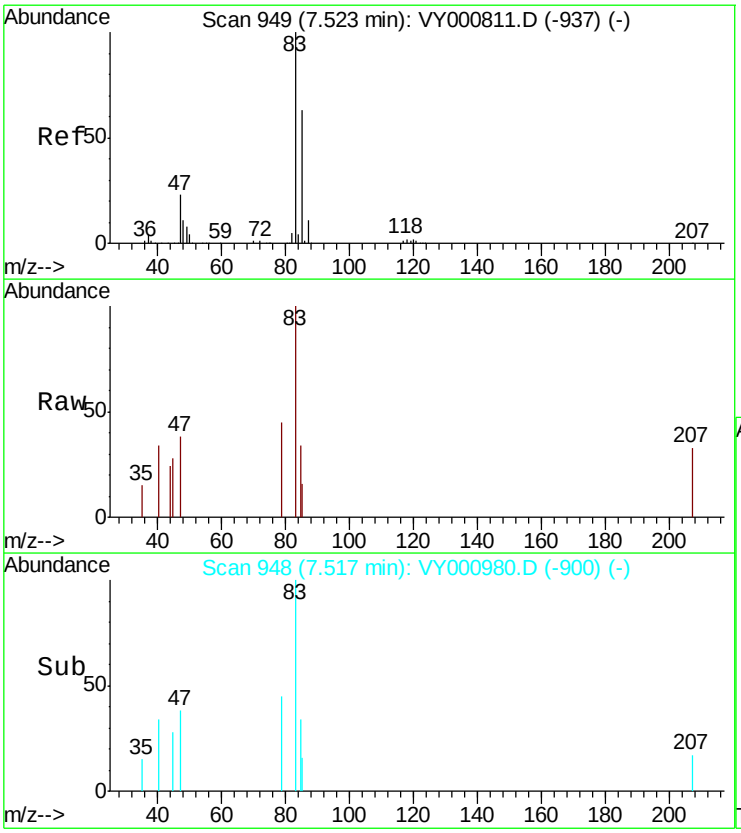
#20
Methylene Chloride
Concen: 6.503 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000980.D
Acq: 17 Dec 2019 15:50

Instrument : MSVOA_Y
ClientSampleId : EP-9

Tgt Ion: 84 Resp: 687

Ion	Ratio	Lower	Upper
84	100		
49	120.6	101.3	151.9
51	55.2	30.6	45.8#
86	38.5	51.3	76.9#

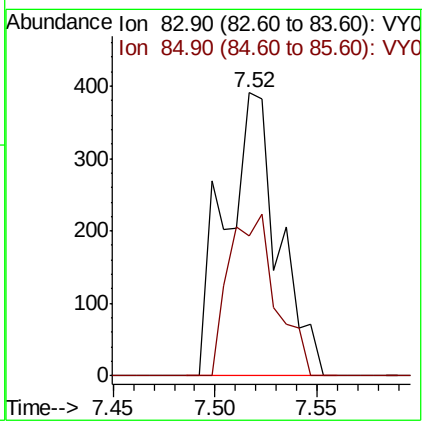


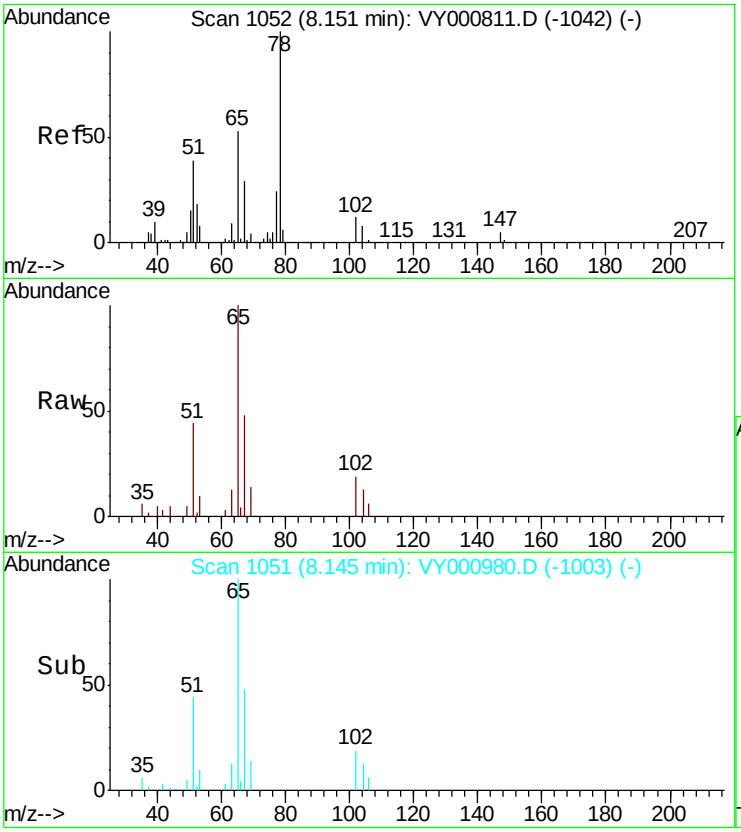


#30
Chloroform
Concen: 4.031 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000980.D
Acq: 17 Dec 2019 15:50

Tgt Ion: 83 Resp: 708

Ion	Ratio	Lower	Upper
83	100		
85	49.6	50.4	75.6#



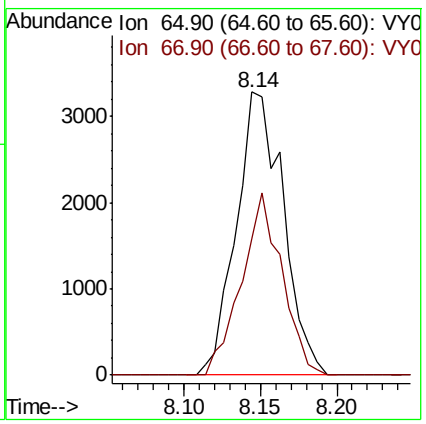


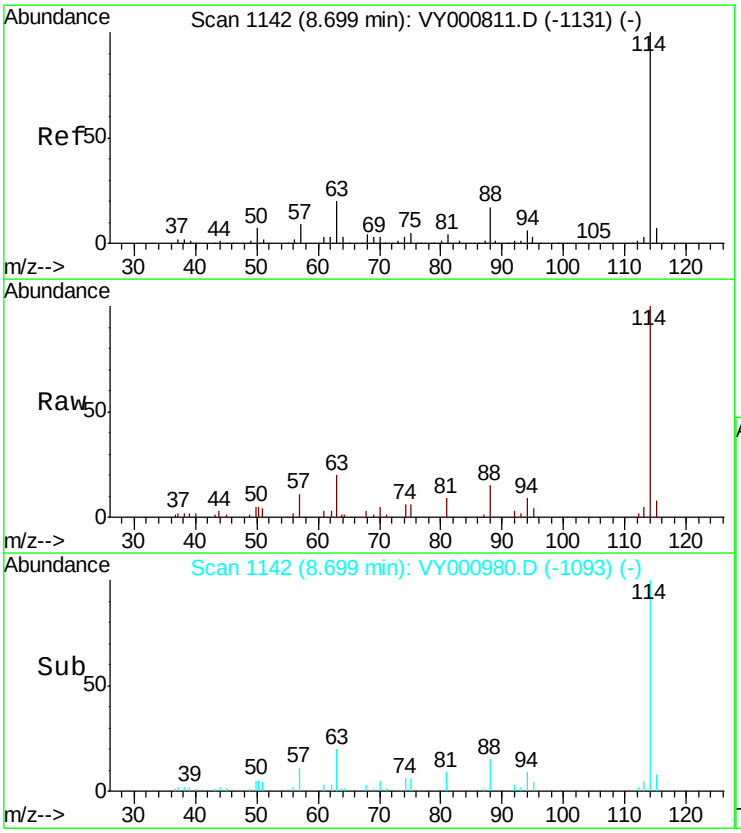
#33
1,2-Dichloroethane-d4
Concen: 79.986 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VY000980.D
Acq: 17 Dec 2019 15:50

Instrument :
MSVOA_Y
ClientSampleId :
EP-9

Tgt Ion: 65 Resp: 6988

Ion	Ratio	Lower	Upper
65	100		
67	55.7	0.0	112.0

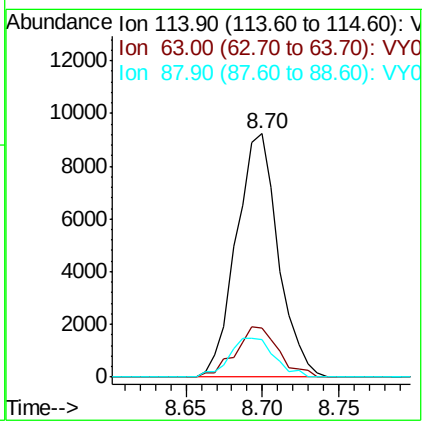


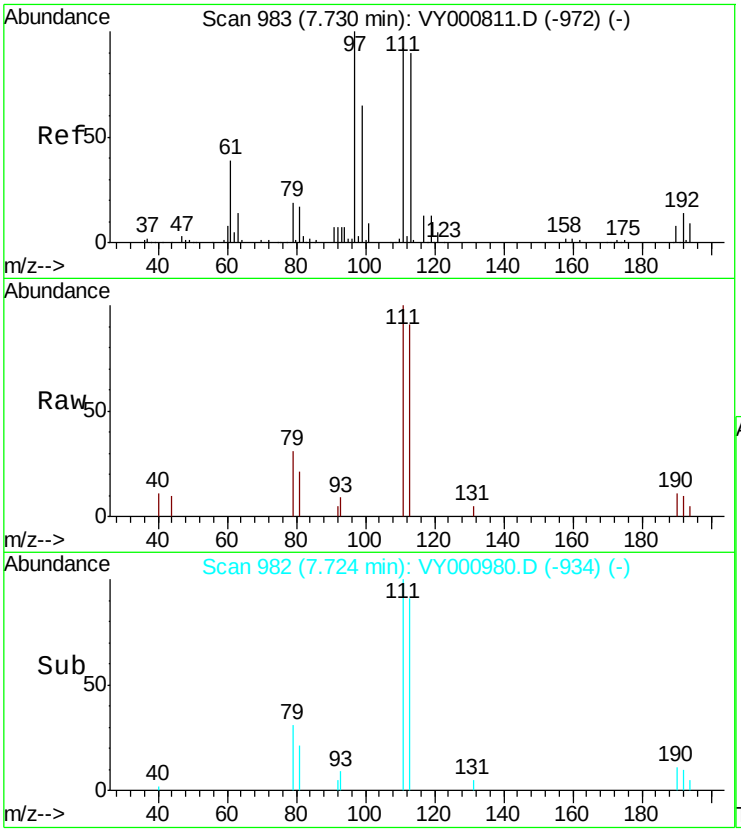


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VY000980.D
Acq: 17 Dec 2019 15:50

Tgt Ion:114 Resp: 17578

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.8
88	15.4	0.0	33.2



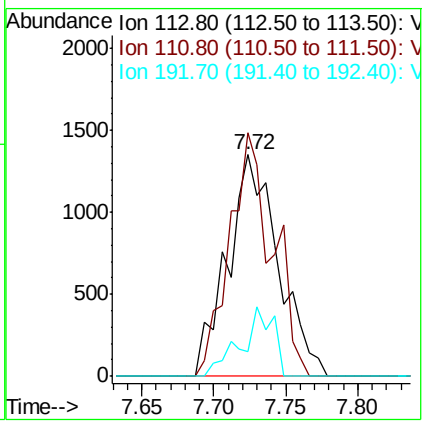


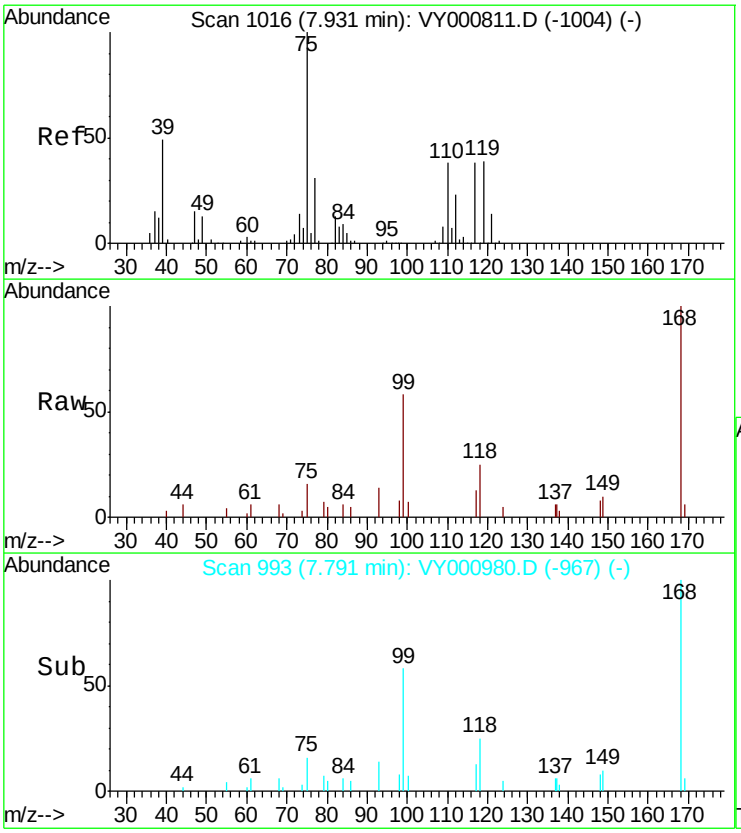
#35
Dibromofluoromethane
Concen: 32.252 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY000980.D
Acq: 17 Dec 2019 15:50

Instrument :
MSVOA_Y
ClientSampleId :
EP-9

Tgt Ion:113 Resp: 3304

Ion	Ratio	Lower	Upper
113	100		
111	93.1	82.4	123.6
192	19.7	14.2	21.2

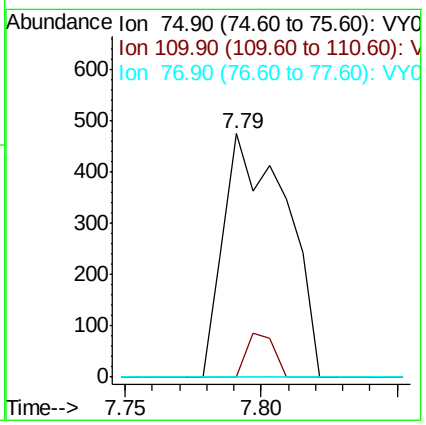


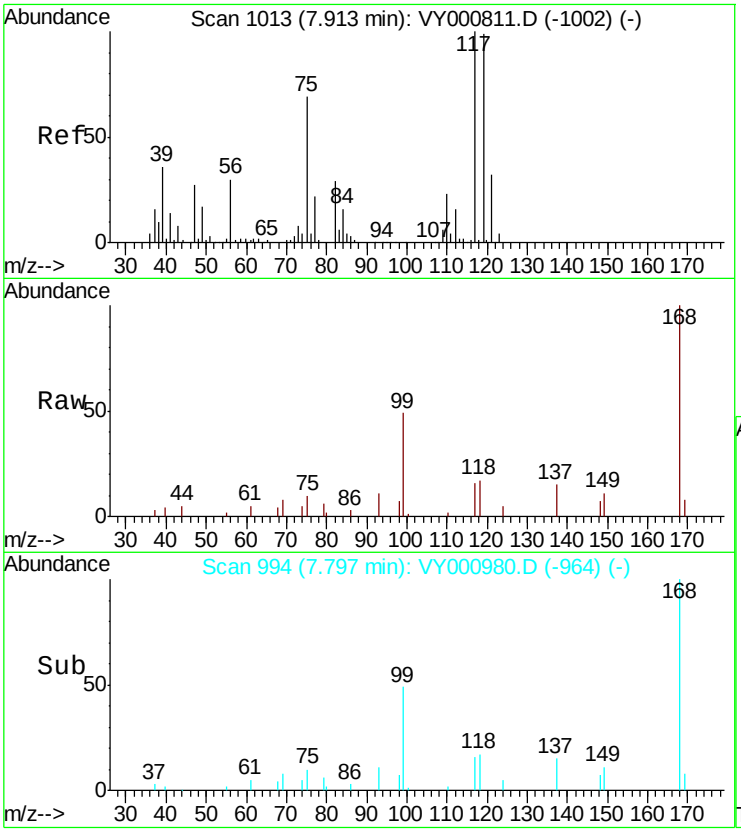


#36
1,1-Dichloropropene
Concen: 4.343 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.14 min
Lab File: VY000980.D
Acq: 17 Dec 2019 15:50

Tgt Ion: 75 Resp: 759

Ion	Ratio	Lower	Upper
75	100		
110	7.8	17.9	53.7#
77	0.0	24.7	37.1#



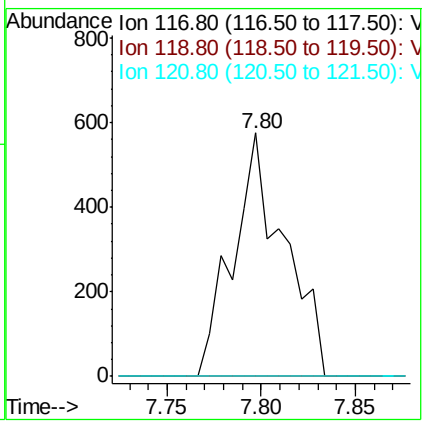


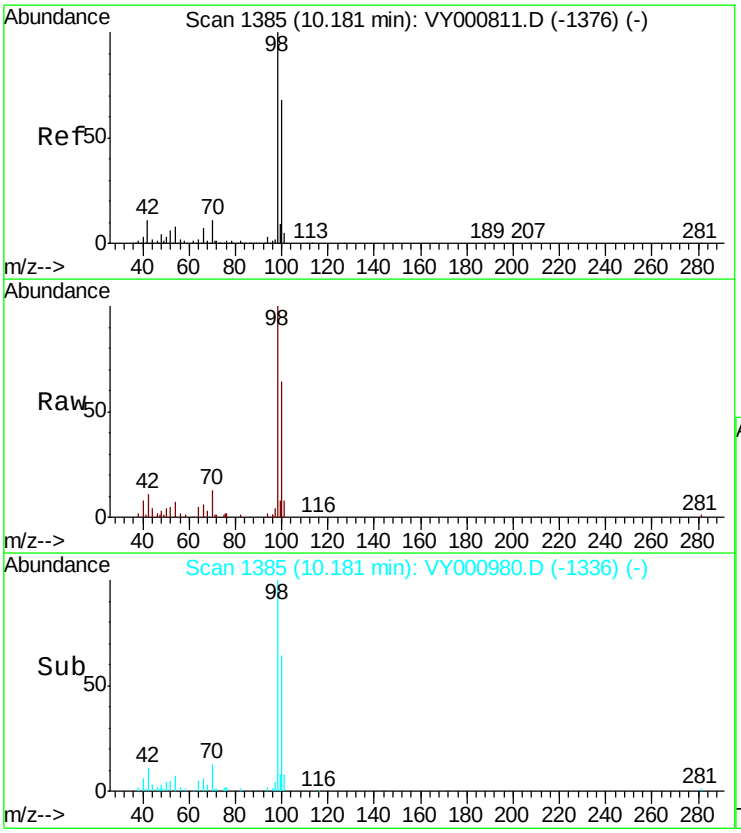
#38
Carbon Tetrachloride
Concen: 6.964 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000980.D
Acq: 17 Dec 2019 15:50

Instrument : MSVOA_Y
ClientSampleId : EP-9

Tgt Ion:117 Resp: 1084

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

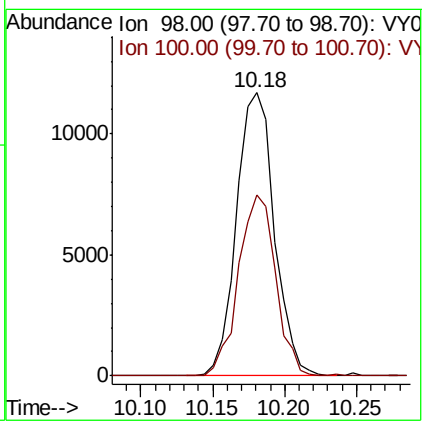


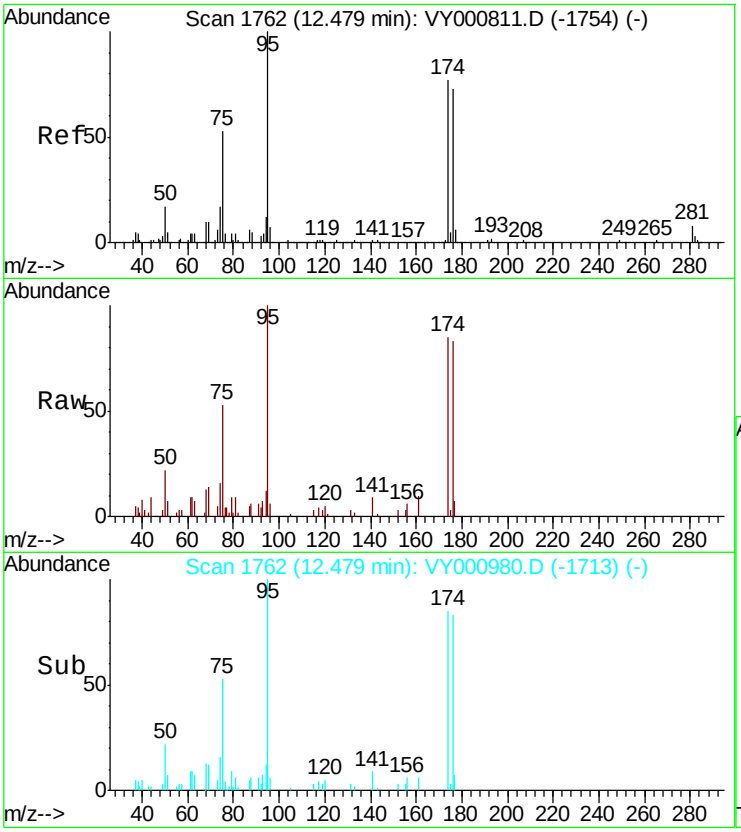


#50
Toluene-d8
Concen: 52.045 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000980.D
Acq: 17 Dec 2019 15:50

Tgt Ion: 98 Resp: 21316

Ion	Ratio	Lower	Upper
98	100		
100	62.4	53.1	79.7



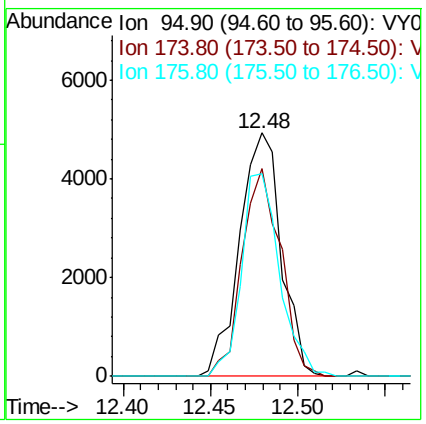


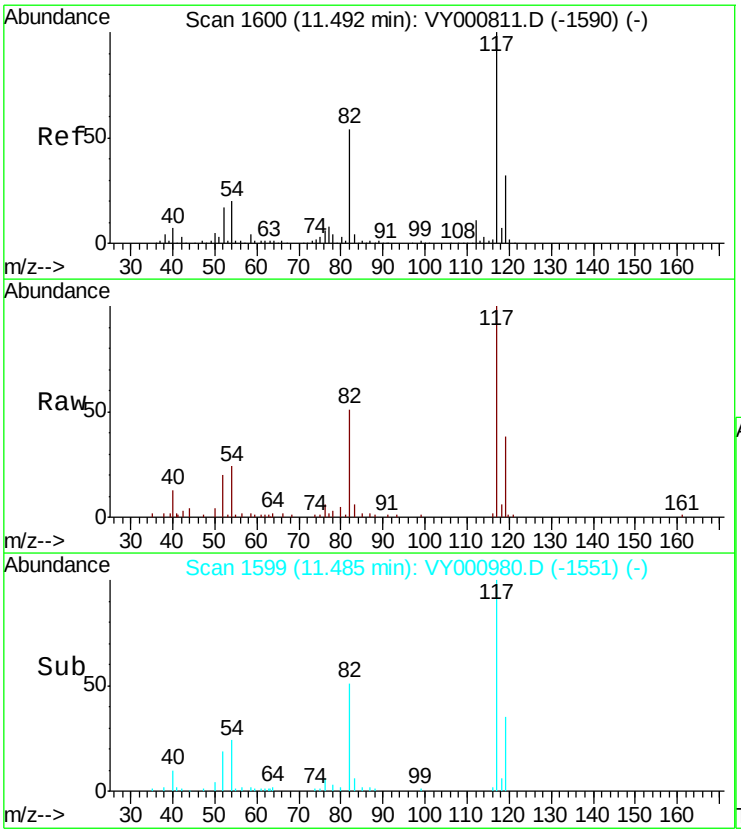
#62
4-Bromofluorobenzene
Concen: 53.246 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000980.D
Acq: 17 Dec 2019 15:50

Instrument :
MSVOA_Y
ClientSampleId :
EP-9

Tgt Ion: 95 Resp: 8190

Ion	Ratio	Lower	Upper
95	100		
174	78.2	0.0	150.6
176	76.3	0.0	145.2

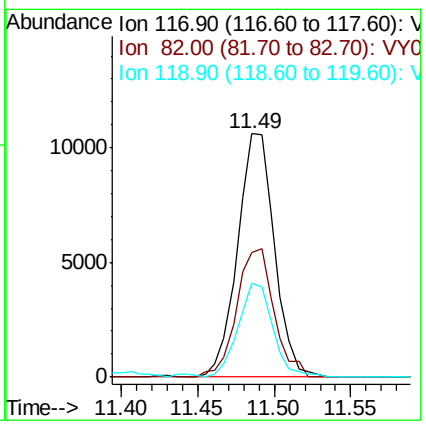


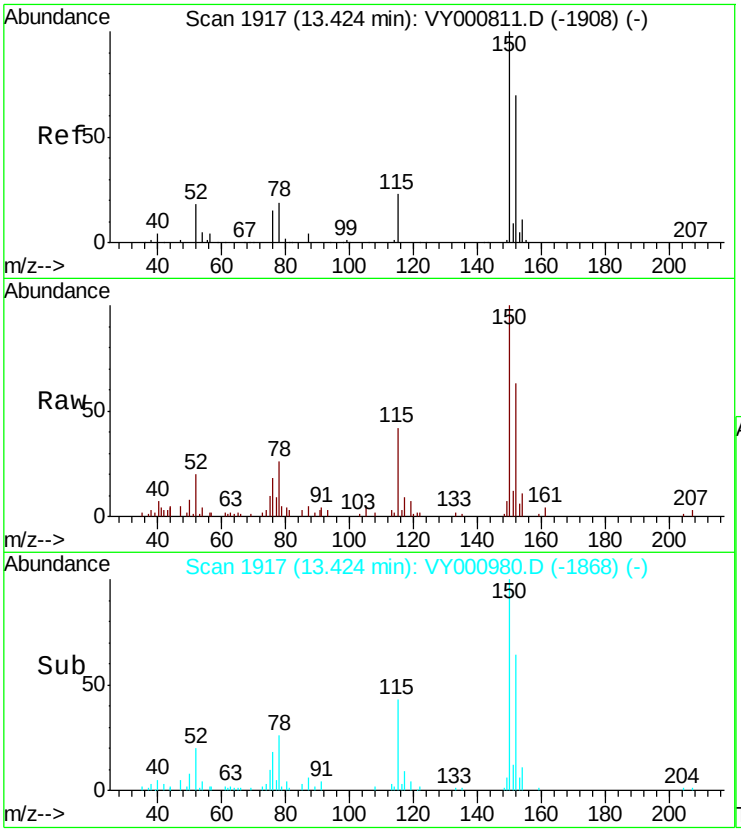


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000980.D
Acq: 17 Dec 2019 15:50

Tgt Ion:117 Resp: 17771

Ion	Ratio	Lower	Upper
117	100		
82	50.9	43.1	64.7
119	38.4	25.3	37.9#



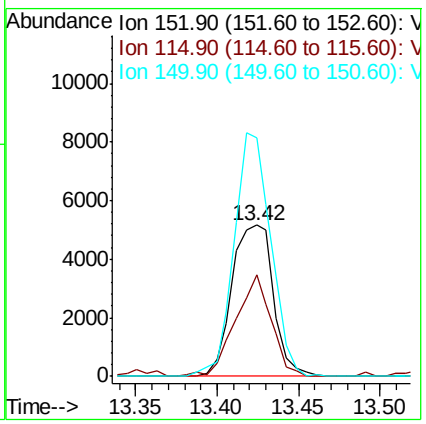


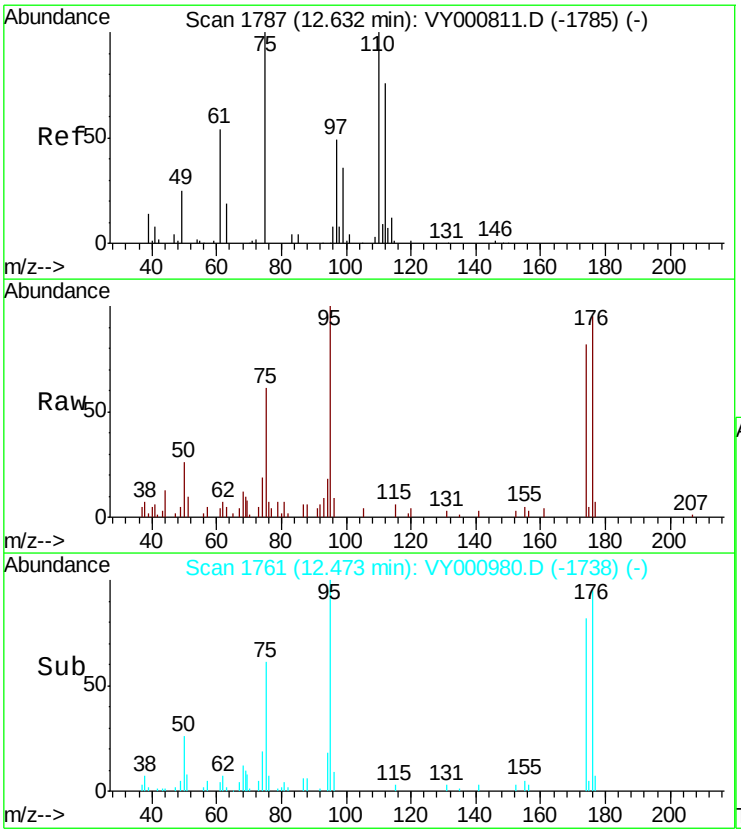
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000980.D
Acq: 17 Dec 2019 15:50

Instrument :
MSVOA_Y
ClientSampleId :
EP-9

Tgt Ion:152 Resp: 9125

Ion	Ratio	Lower	Upper
152	100		
115	58.1	29.3	87.8
150	142.5	0.0	351.2

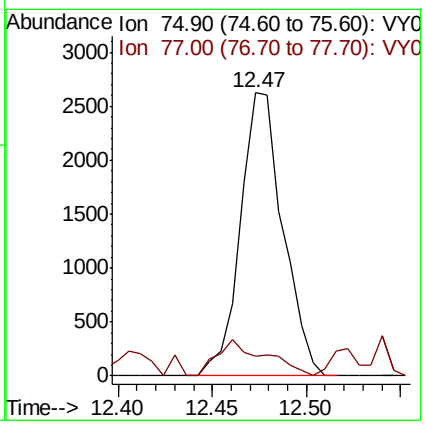


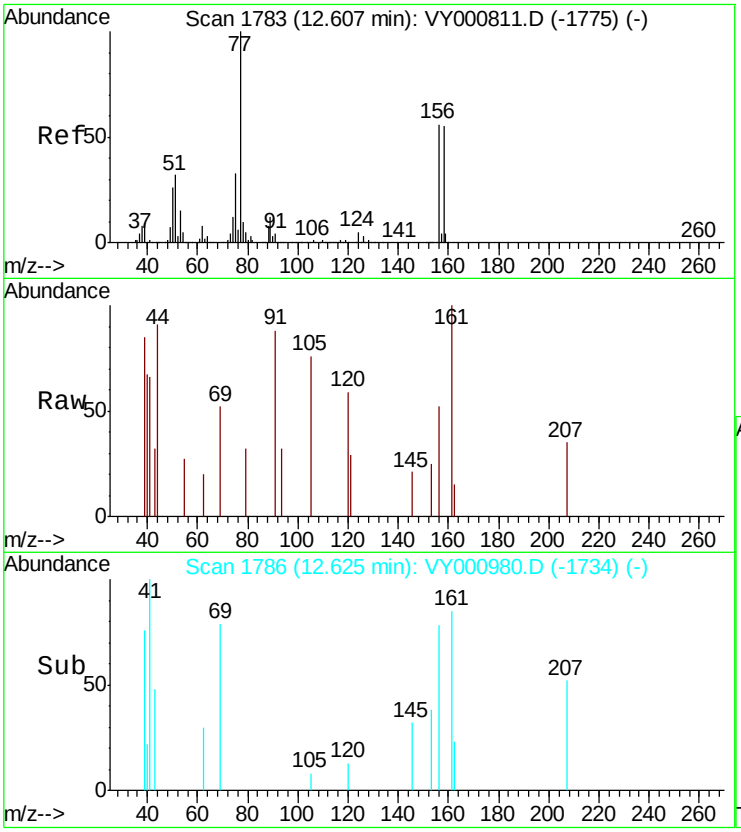


#76
1,2,3-Trichloropropane
Concen: 39.783 ug/l
RT: 12.47 min Scan# 1761
Delta R.T. -0.16 min
Lab File: VY000980.D
Acq: 17 Dec 2019 15:50

Tgt Ion: 75 Resp: 4113

Ion	Ratio	Lower	Upper
75	100		
77	14.4	0.0	0.0#



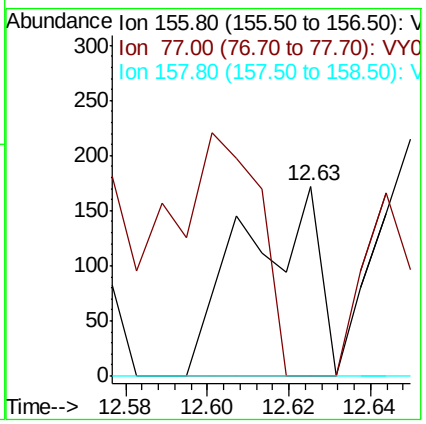


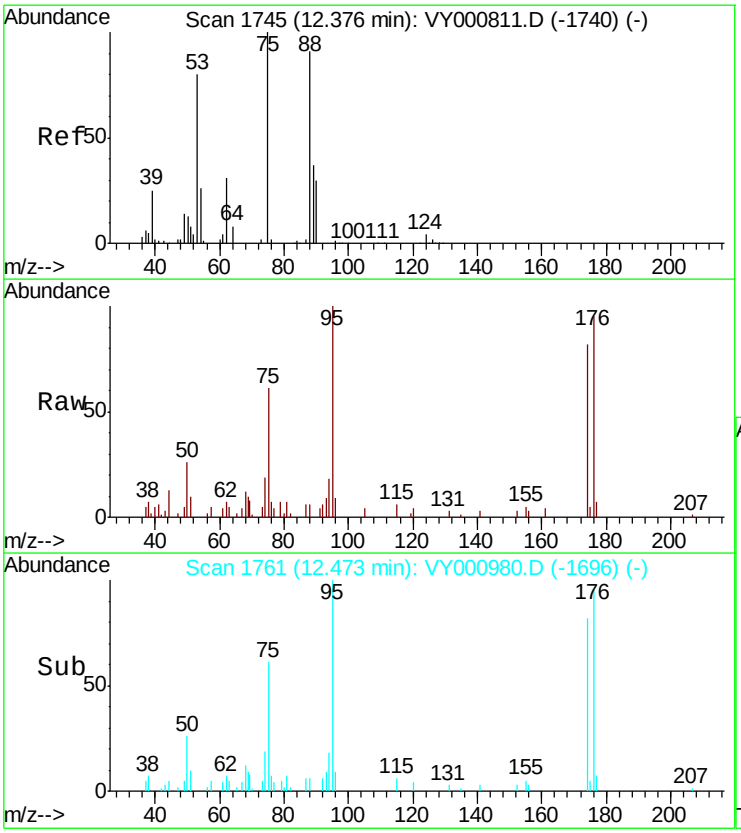
#77
Bromobenzene
Concen: 1.384 ug/l
RT: 12.63 min Scan# 1786
Delta R.T. 0.02 min
Lab File: VY000980.D
Acq: 17 Dec 2019 15:50

Instrument :
MSVOA_Y
ClientSampleId :
EP-9

Tgt Ion:156 Resp: 218

Ion	Ratio	Lower	Upper
156	100		
77	0.0	102.6	307.7#
158	0.0	47.6	142.8#

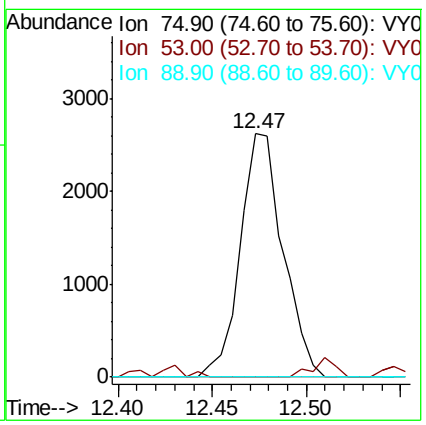


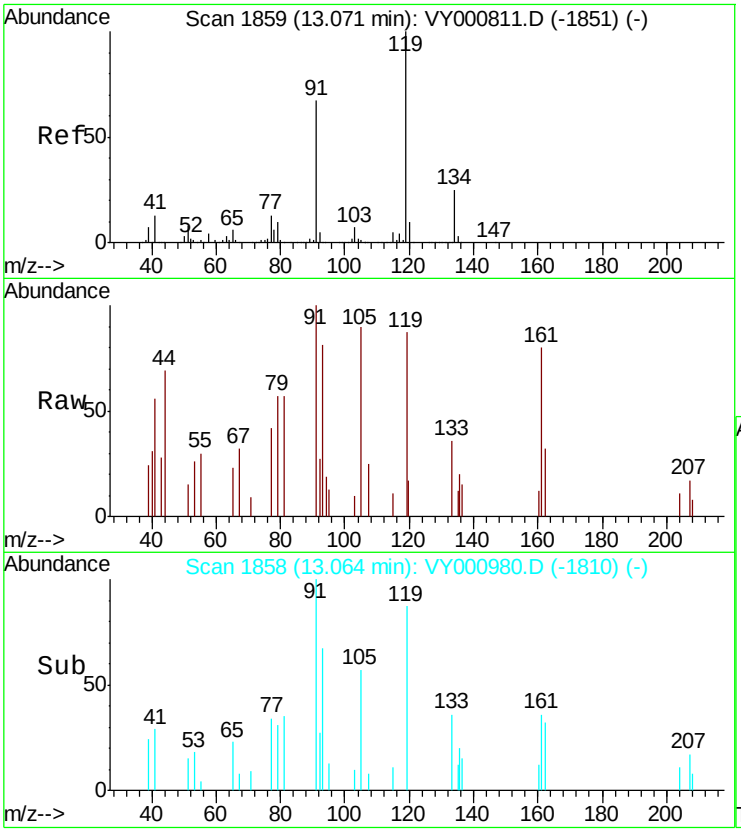


#81
trans-1,4-Dichloro-2-butene
Concen: 78.146 ug/l
RT: 12.47 min Scan# 1761
Delta R.T. 0.10 min
Lab File: VY000980.D
Acq: 17 Dec 2019 15:50

Tgt Ion: 75 Resp: 4113

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



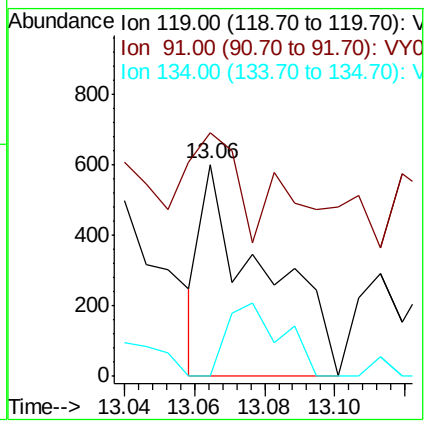


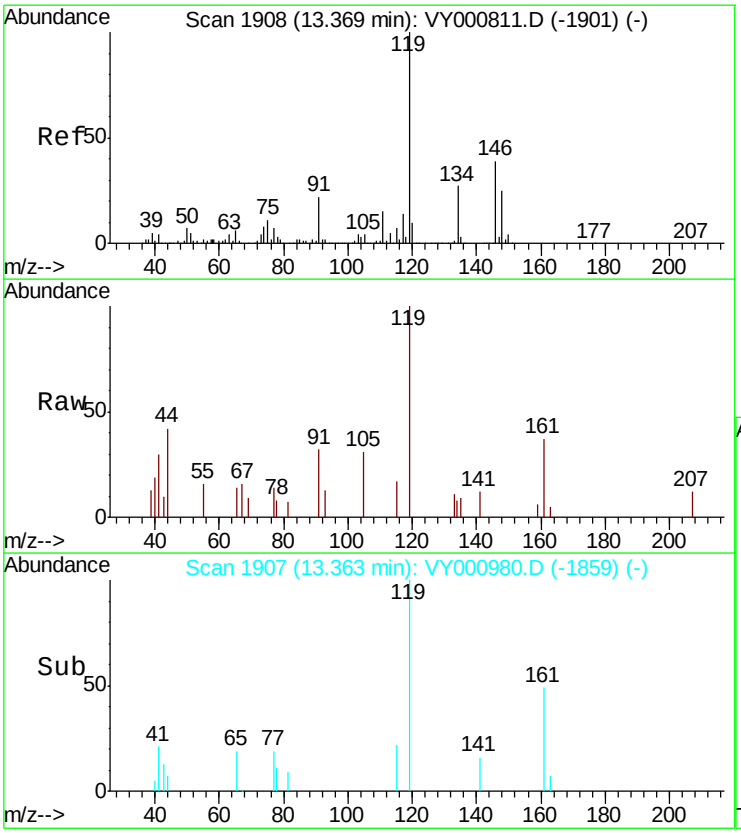
#83
tert-Butylbenzene
Concen: 1.463 ug/l
RT: 13.06 min Scan# 1858
Delta R.T. -0.01 min
Lab File: VY000980.D
Acq: 17 Dec 2019 15:50

Instrument : MSVOA_Y
ClientSampleId : EP-9

Tgt Ion:119 Resp: 740

Ion	Ratio	Lower	Upper
119	100		
91	41.1	32.3	96.8
134	30.8	12.9	38.7

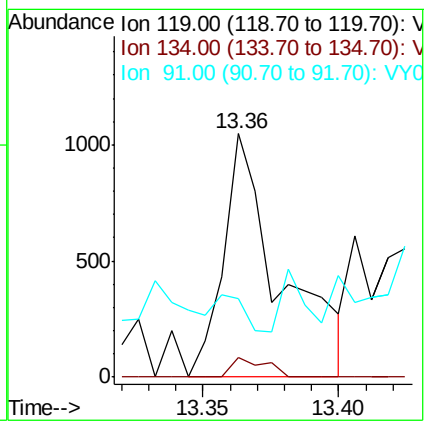


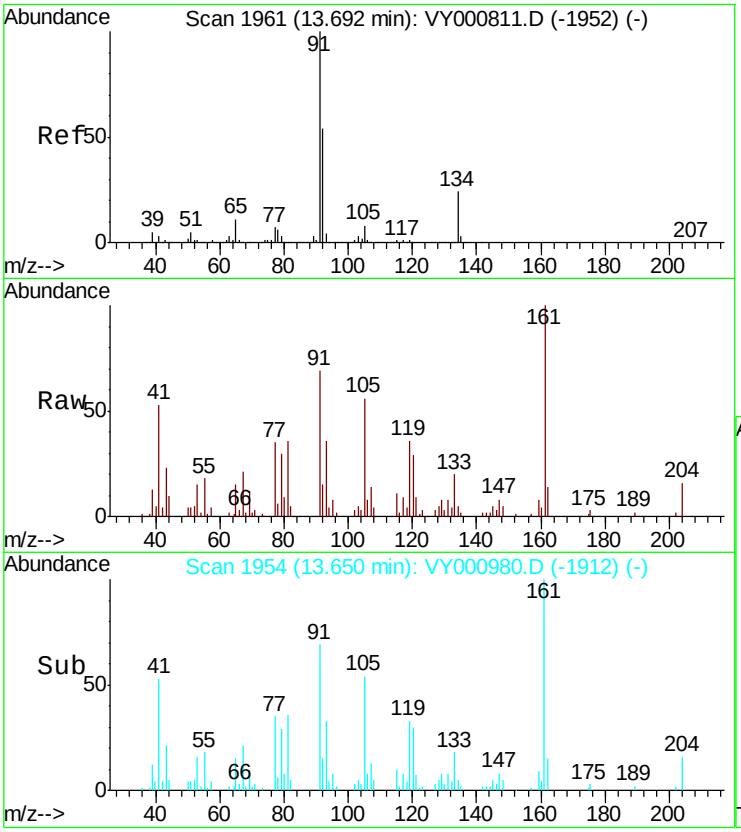


#86
p-Isopropyltoluene
Concen: 2.371 ug/l
RT: 13.36 min Scan# 1907
Delta R.T. -0.01 min
Lab File: VY000980.D
Acq: 17 Dec 2019 15:50

Tgt Ion:119 Resp: 1517

Ion	Ratio	Lower	Upper
119	100		
134	4.8	13.5	40.4#
91	0.0	11.5	34.5#



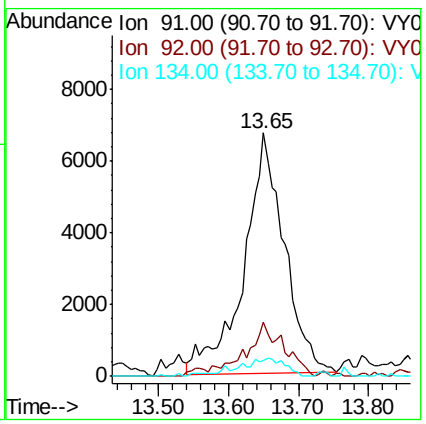


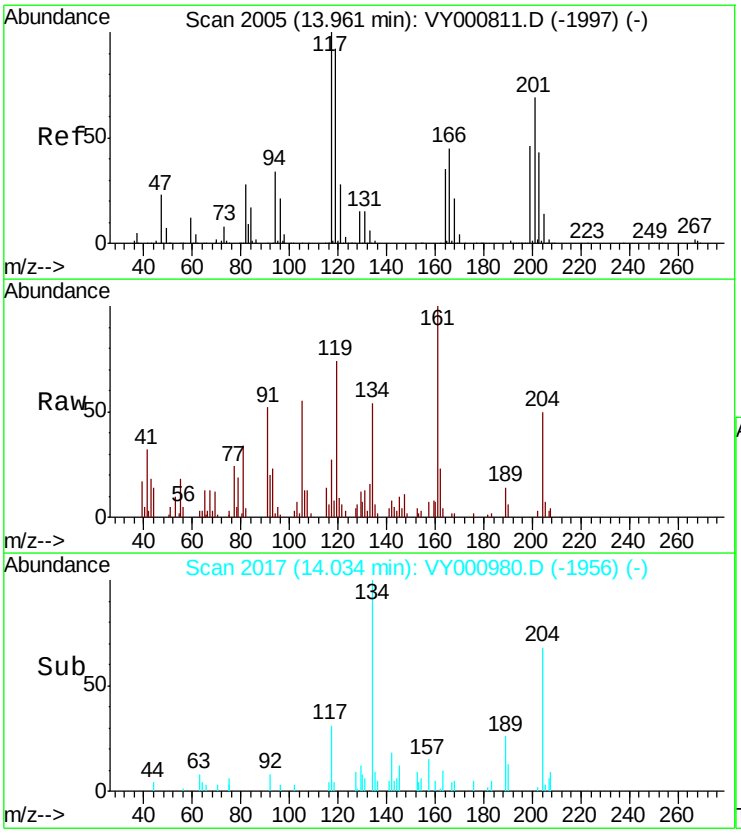
#89
n-Butylbenzene
Concen: 41.594 ug/l
RT: 13.65 min Scan# 1954
Delta R.T. -0.04 min
Lab File: VY000980.D
Acq: 17 Dec 2019 15:50

Instrument : MSVOA_Y
ClientSampleId : EP-9

Tgt Ion: 91 Resp: 26905

Ion	Ratio	Lower	Upper
91	100		
92	20.8	26.9	80.7#
134	6.9	12.6	37.6#

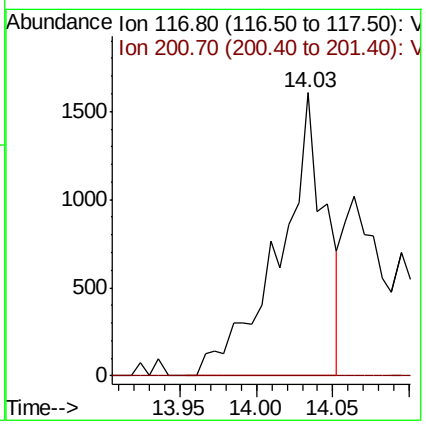


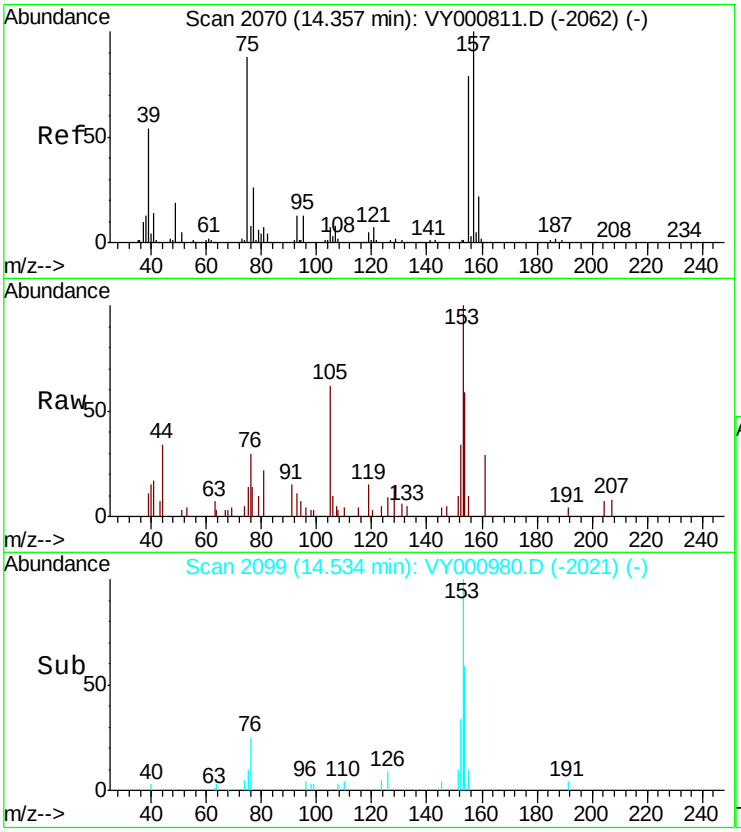


#90
Hexachloroethane
Concen: 28.348 ug/l
RT: 14.03 min Scan# 2017
Delta R.T. 0.07 min
Lab File: VY000980.D
Acq: 17 Dec 2019 15:50

Tgt Ion:117 Resp: 3341

Ion	Ratio	Lower	Upper
117	100		
201	0.0	34.0	102.0#



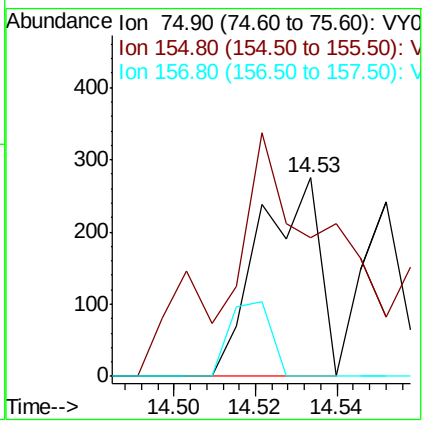


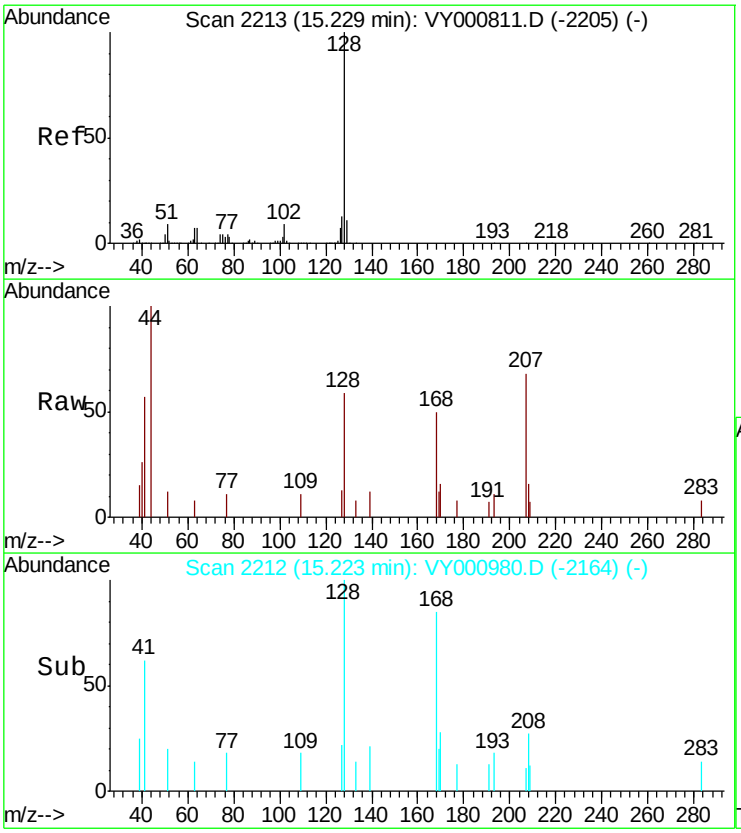
#92
1,2-Dibromo-3-Chloropropane
Concen: 11.808 ug/l
RT: 14.53 min Scan# 2099
Delta R.T. 0.18 min
Lab File: VY000980.D
Acq: 17 Dec 2019 15:50

Instrument :
MSVOA_Y
ClientSampleId :
EP-9

Tgt Ion: 75 Resp: 283

Ion	Ratio	Lower	Upper
75	100		
155	242.0	44.3	132.9#
157	25.8	56.3	168.9#





#95
Naphthalene
Concen: 1.166 ug/l
RT: 15.22 min Scan# 2212
Delta R.T. -0.01 min
Lab File: VY000980.D
Acq: 17 Dec 2019 15:50

Tgt Ion:128 Resp: 509

Ion	Ratio	Lower	Upper
128	100		
127	6.9	10.1	15.1#
129	0.0	8.8	13.2#