Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF092118\
Data File : VF060316.D
Acq On : 21 Sep 2018 16:44
Operator : VA/AP
Sample : J4998-01RE
Misc : 5.01/5mL/MSVOA_F/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : YG3-SLOAN-PARK-BRIDGERE

Quant Time: Sep 22 02:25:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-5.04
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-5.76
63) Chlorobenzene-d5	9.81	117	72	50.00	ug/l	-0.11
72) 1,4-Dichlorobenzene-d4	12.65	152	68	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.91	65	112	0.00	ug/l	-0.10
Spiked Amount 50.000			Recovery =	0.00%		
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
50) Toluene-d8	7.71	98	62	0.00	ug/l	0.00
Spiked Amount 50.000			Recovery =	0.00%		
62) 4-Bromofluorobenzene	11.57	95	70	0.00	ug/l	0.07
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
67) Ethyl Benzene	9.97	91	102	33.806	ug/l #	46
69) o-Xylene	10.82	106	61	52.173	ug/l	42
73) Isopropylbenzene	11.21	105	169	27.684	ug/l #	51
74) N-amyl acetate	11.49	43	597	458.609	ug/l #	2
75) 1,1,2,2-Tetrachloroethane	11.84	83	70	64.703	ug/l #	27
76) 1,2,3-Trichloropropane	11.97	75	219	282.717	ug/l #	45
78) n-propylbenzene	11.70	91	181	26.096	ug/l #	57
79) 2-Chlorotoluene	11.79	91	83	20.156	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.96	105	181	36.834	ug/l	79
81) trans-1,4-Dichloro-2-buten	11.97	75	219	534.969	ug/l #	58
82) 4-Chlorotoluene	11.99	91	99	23.920	ug/l #	43
83) tert-Butylbenzene	12.06	119	72	14.454	ug/l #	29
84) 1,2,4-Trimethylbenzene	12.29	105	150	30.061	ug/l #	31
85) sec-Butylbenzene	12.35	105	69	4.248	ug/l #	58
86) p-Isopropyltoluene	12.55	119	78	10.584	ug/l #	50
87) 1,3-Dichlorobenzene	12.52	146	70	28.474	ug/l #	24
88) 1,4-Dichlorobenzene	12.77	146	130	53.501	ug/l #	32
89) n-Butylbenzene	12.98	91	135	22.611	ug/l #	28
90) Hexachloroethane	12.87	117	60	43.044	ug/l #	22
91) 1,2-Dichlorobenzene	13.03	146	59	25.158	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	13.71	75	88	433.238	ug/l #	1
95) Naphthalene	14.53	128	140	46.846	ug/l #	68
96) 1,2,3-Trichlorobenzene	14.63	180	61	38.729	ug/l #	12

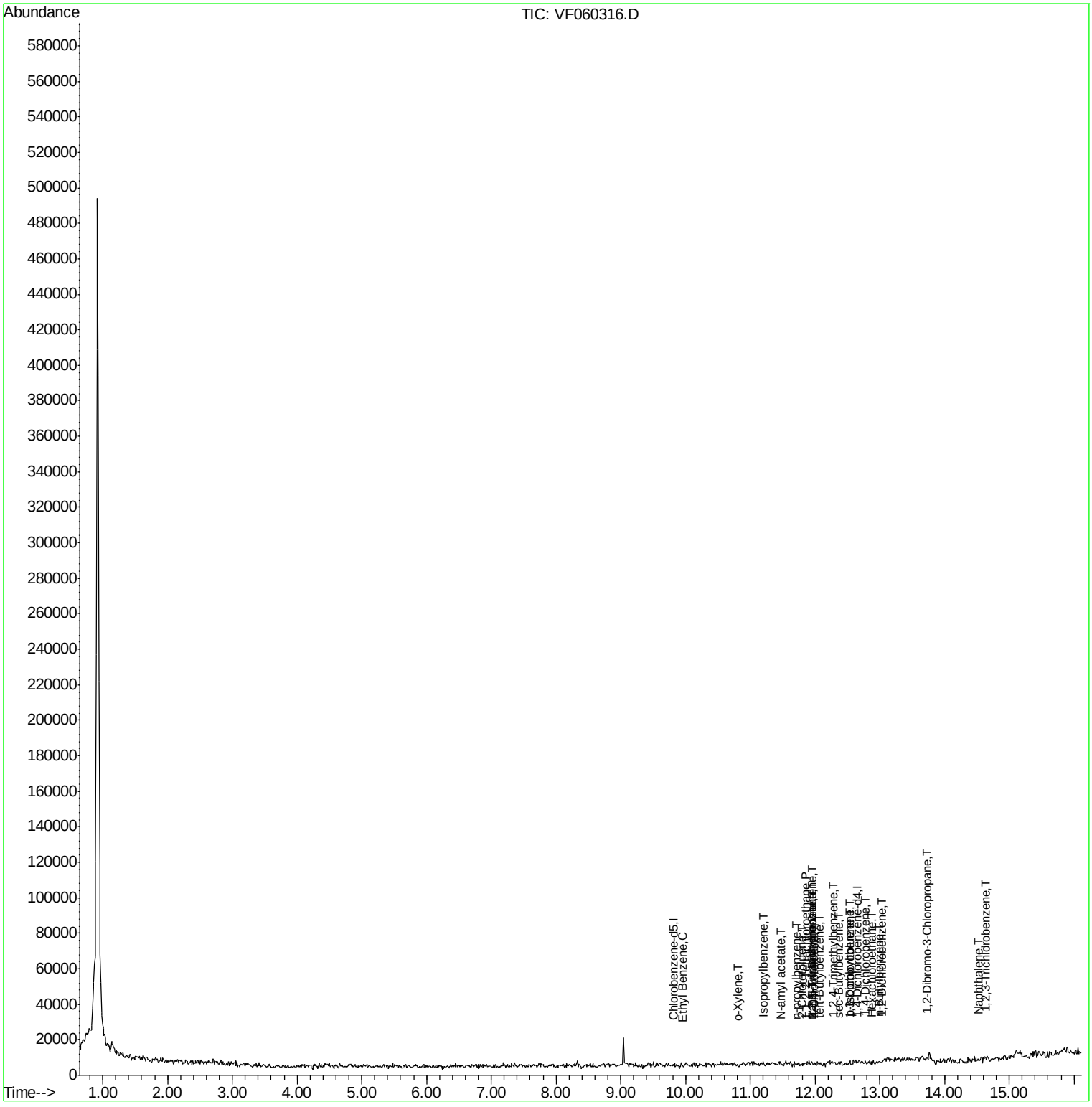
(#) = qualifier out of range (m) = manual integration (+) = signals summed

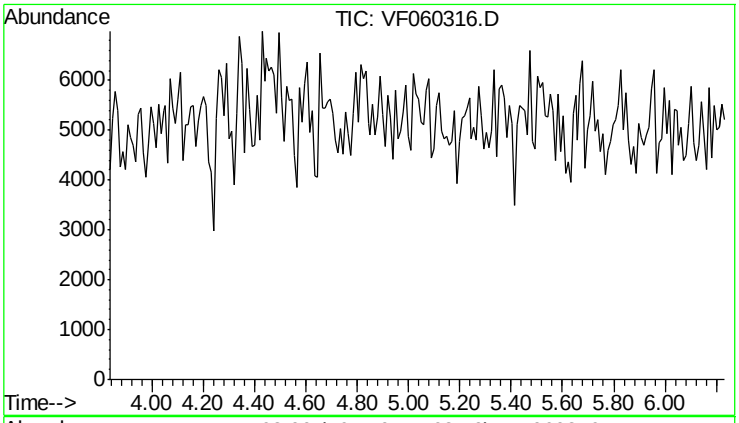
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092118\
Data File : VF060316.D
Acq On : 21 Sep 2018 16:44
Operator : VA/AP
Sample : J4998-01RE
Misc : 5.01/5mL/MSVOA F/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
YG3-SLOAN-PARK-BRIDGERE

Quant Time: Sep 22 02:25:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
Response via : Initial Calibration





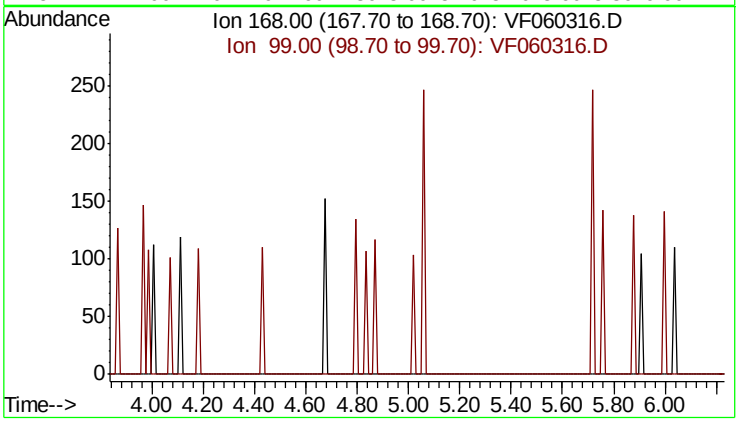
#1
Pentafluorobenzene
Concen: 0.000 ug/l
Expected RT: 5.04 min

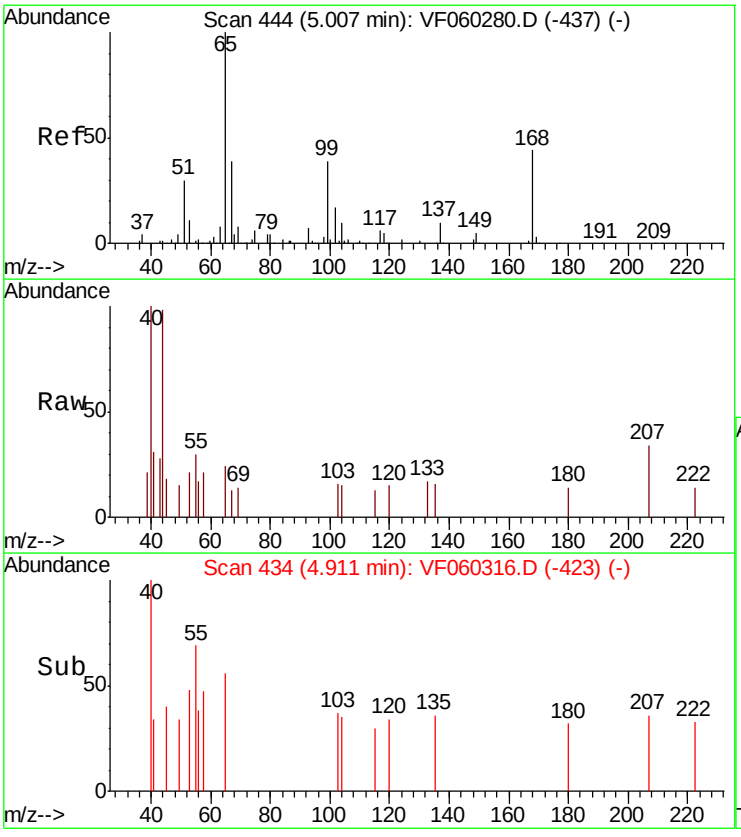
Lab File: VF060316.D
Acq: 21 Sep 2018 16:44

Instrument :
MSVOA_F
ClientSampleId :
YG3-SLOAN-PARK-BRIDGERE

Tgt Ion: 168

Sig	Exp Ratio
168	100
99	68.5

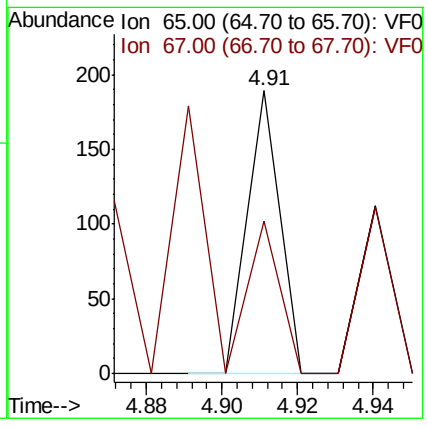


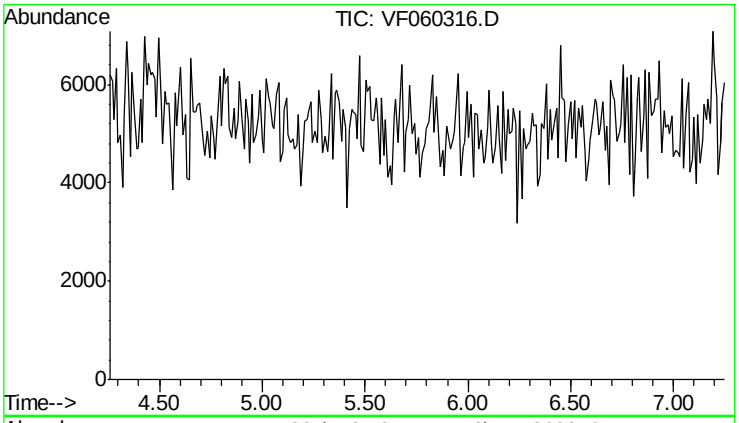


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
RT: 4.91 min Scan# 434
Delta R.T. -0.10 min
Lab File: VF060316.D
Acq: 21 Sep 2018 16:44

Tgt Ion: 65 Resp: 112

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	94.4





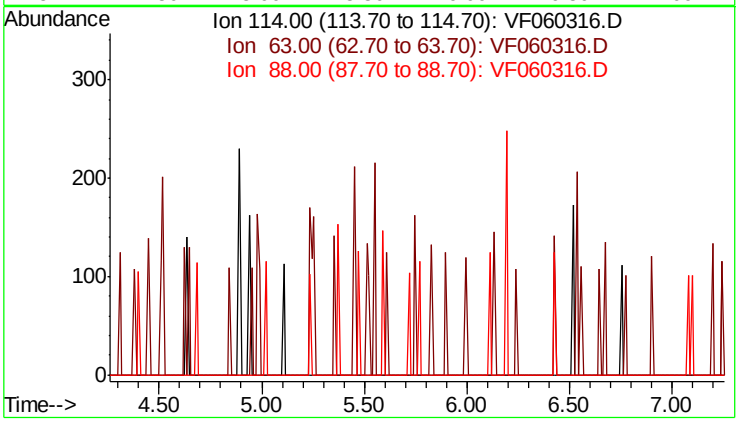
#34
1,4-Difluorobenzene
Concen: 0.000 ug/l
Expected RT: 5.76 min

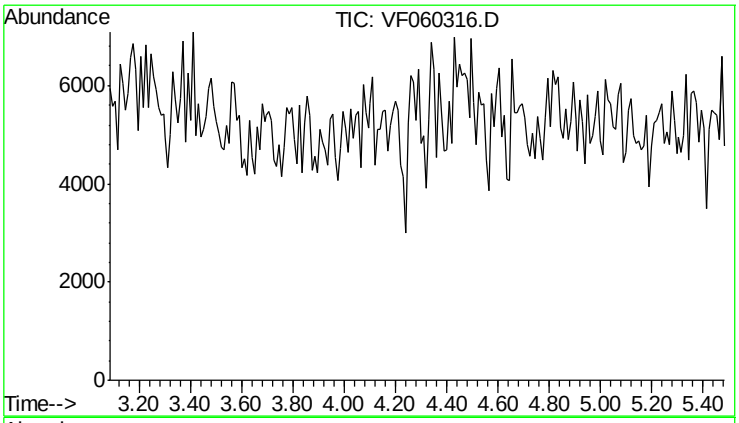
Lab File: VF060316.D
Acq: 21 Sep 2018 16:44

Instrument :
MSVOA_F
ClientSampleId :
YG3-SLOAN-PARK-BRIDGERE

Tgt Ion: 114

Sig	Exp Ratio
114	100
63	21.9
88	20.6



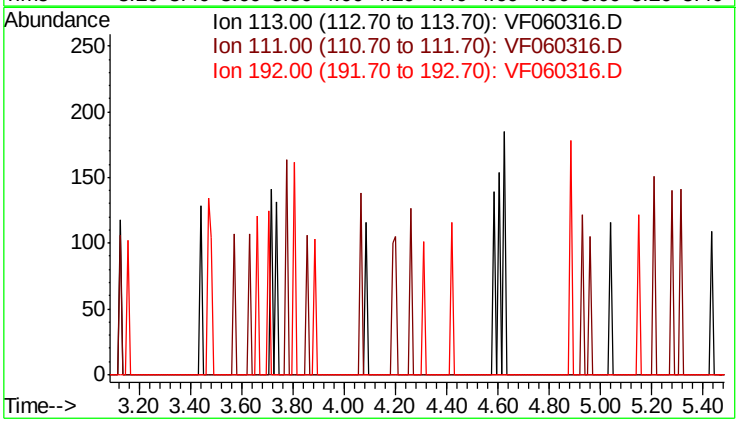


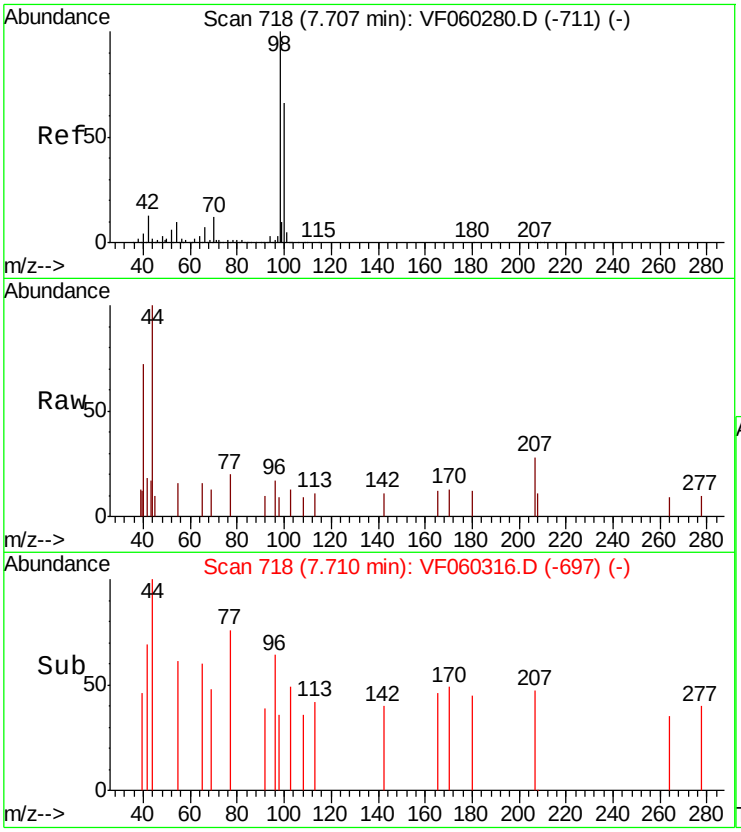
#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 4.29 min

Lab File: VF060316.D
Acq: 21 Sep 2018 16:44

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	99.5
192	16.3



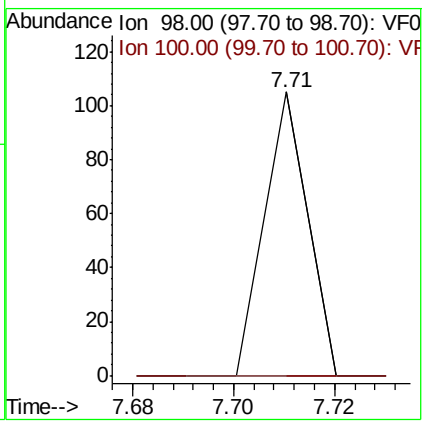


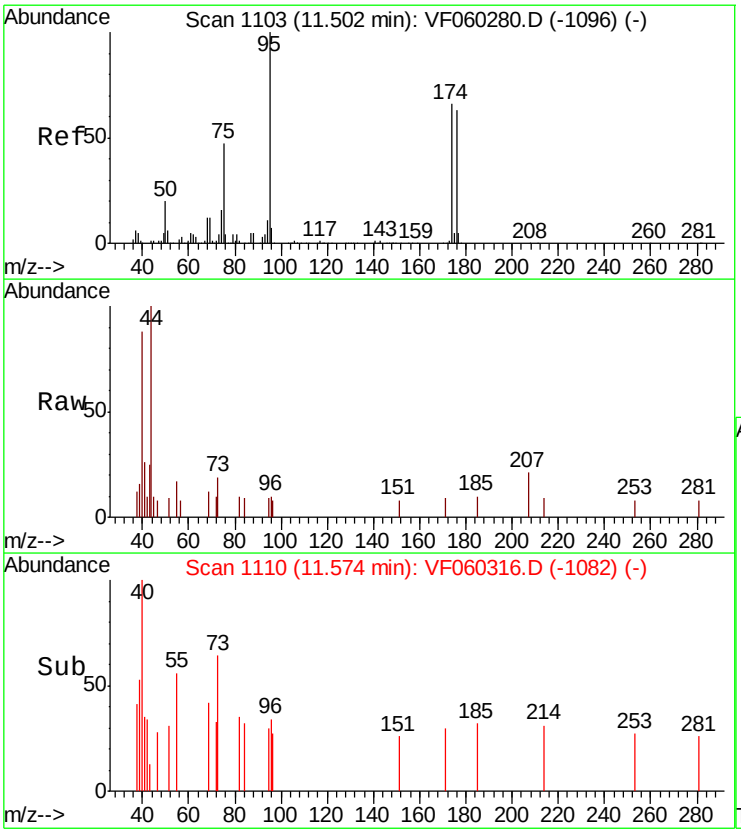
#50
Toluene-d8
Concen: 0.000 ug/l
RT: 7.71 min Scan# 718
Delta R.T. 0.00 min
Lab File: VF060316.D
Acq: 21 Sep 2018 16:44

Instrument :
MSVOA_F
ClientSampleId :
YG3-SLOAN-PARK-BRIDGERE

Tgt Ion: 98 Resp: 62

Ion	Ratio	Lower	Upper
98	100		
100	0.0	53.0	79.6#

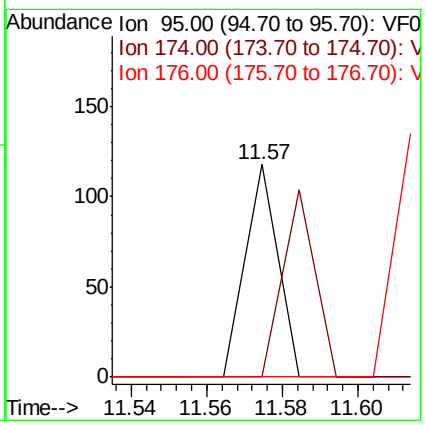


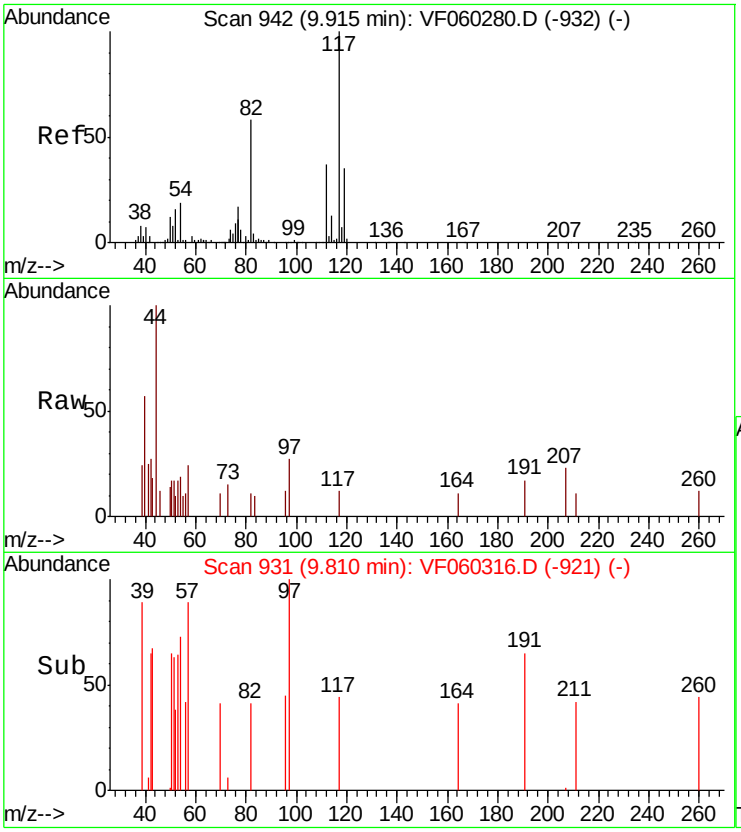


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
RT: 11.57 min Scan# 1110
Delta R.T. 0.07 min
Lab File: VF060316.D
Acq: 21 Sep 2018 16:44

Tgt Ion: 95 Resp: 70

Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	131.2
176	0.0	0.0	126.6



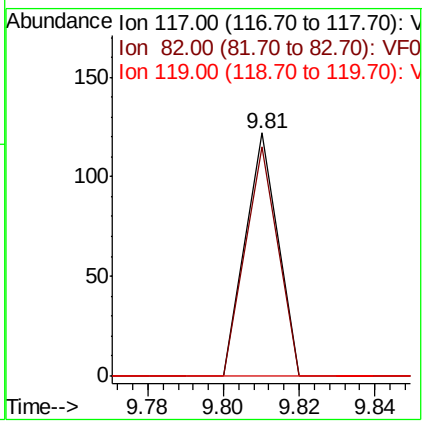


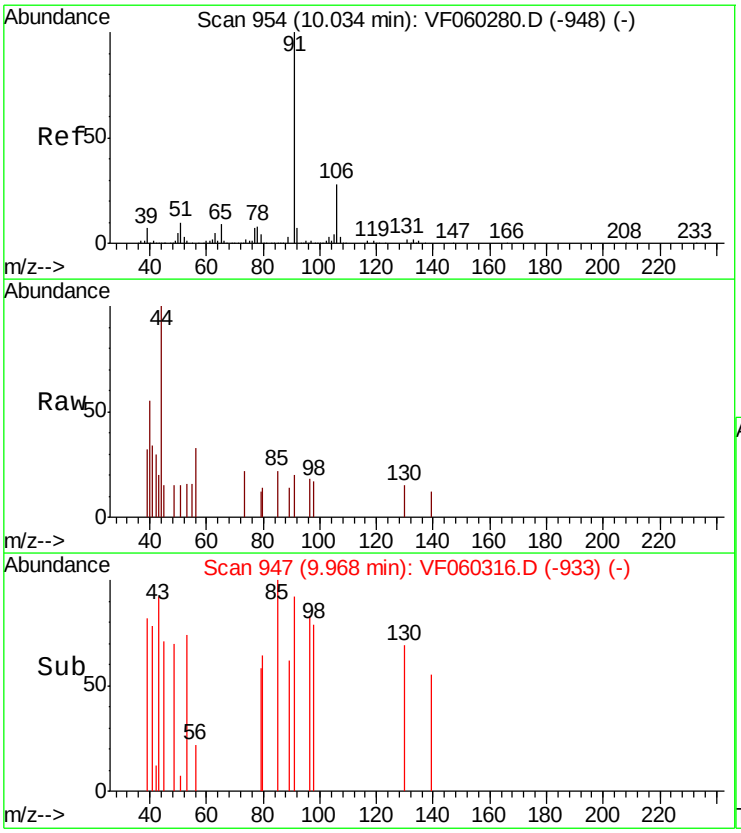
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.81 min Scan# 931
Delta R.T. -0.11 min
Lab File: VF060316.D
Acq: 21 Sep 2018 16:44

Instrument :
MSVOA_F
ClientSampleId :
YG3-SLOAN-PARK-BRIDGERE

Tgt Ion:117 Resp: 72

Ion	Ratio	Lower	Upper
117	100		
82	94.3	46.2	69.2#
119	0.0	27.8	41.6#

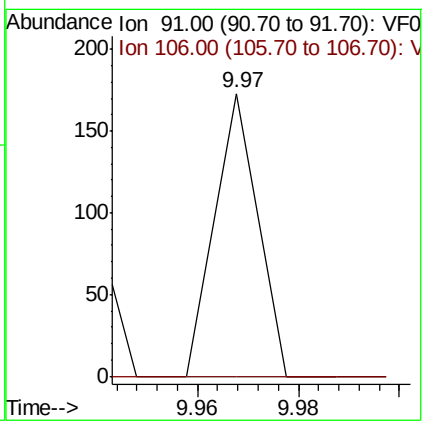


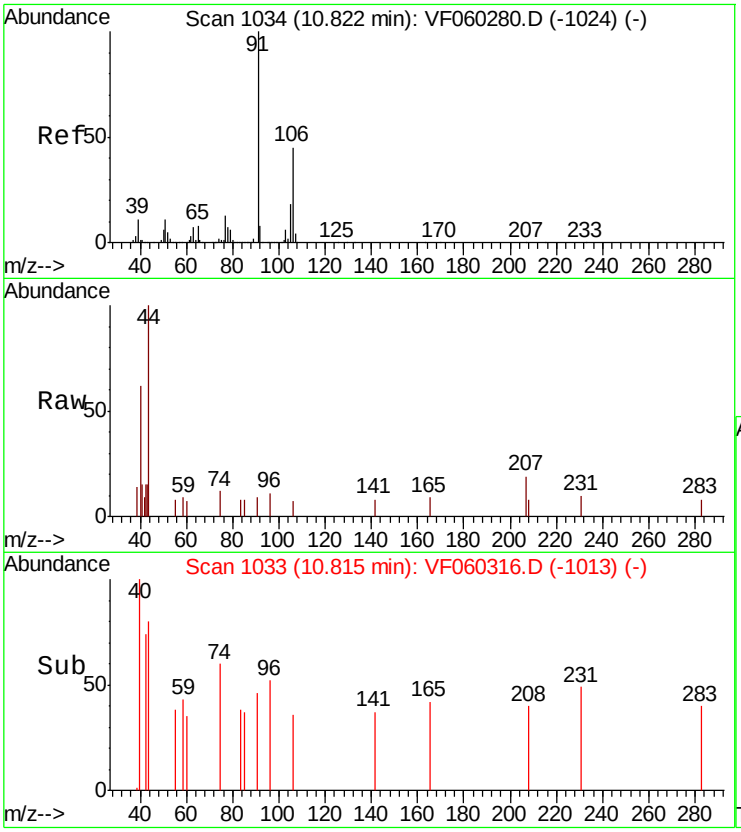


#67
Ethyl Benzene
Concen: 33.806 ug/l
RT: 9.97 min Scan# 947
Delta R.T. -0.07 min
Lab File: VF060316.D
Acq: 21 Sep 2018 16:44

Tgt Ion: 91 Resp: 102

Ion	Ratio	Lower	Upper
91	100		
106	0.0	22.7	34.1#



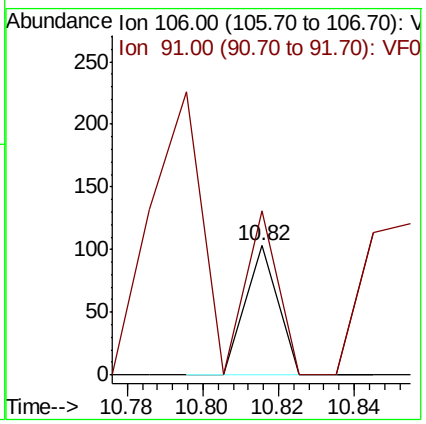


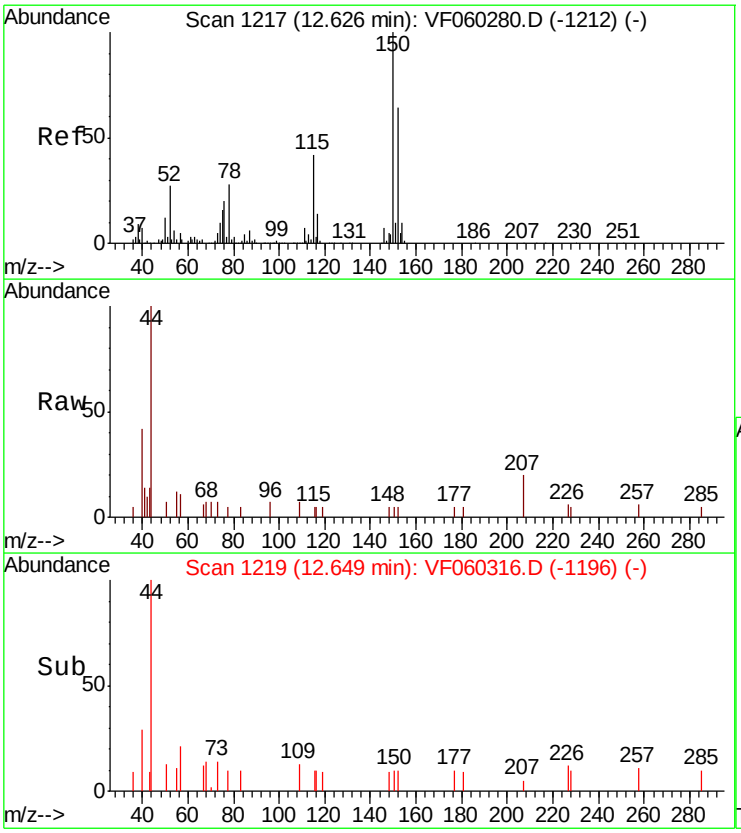
#69
o-Xylene
Concen: 52.173 ug/l
RT: 10.82 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VF060316.D
Acq: 21 Sep 2018 16:44

Instrument :
MSVOA_F
ClientSampleId :
YG3-SLOAN-PARK-BRIDGERE

Tgt Ion:106 Resp: 61

Ion	Ratio	Lower	Upper
106	100		
91	127.2	110.9	332.6

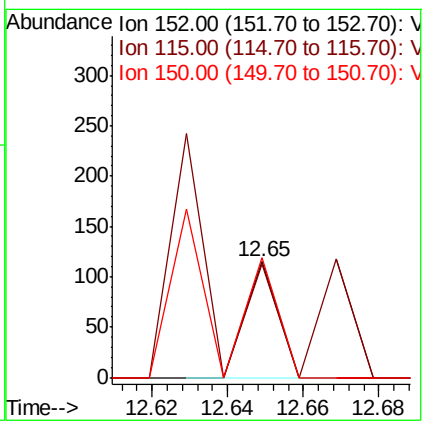


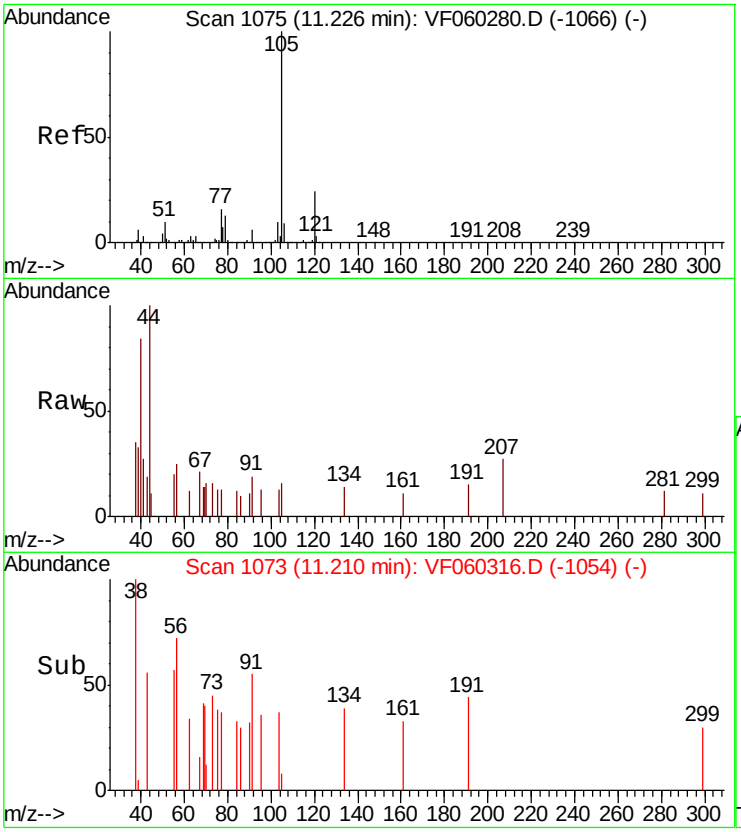


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.65 min Scan# 1219
Delta R.T. 0.02 min
Lab File: VF060316.D
Acq: 21 Sep 2018 16:44

Tgt Ion:152 Resp: 68

Ion	Ratio	Lower	Upper
152	100		
115	98.3	32.6	97.8#
150	103.5	0.0	314.2



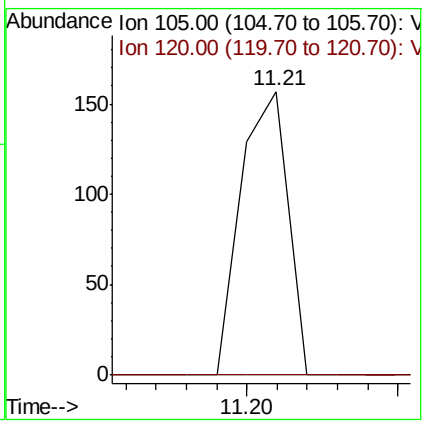


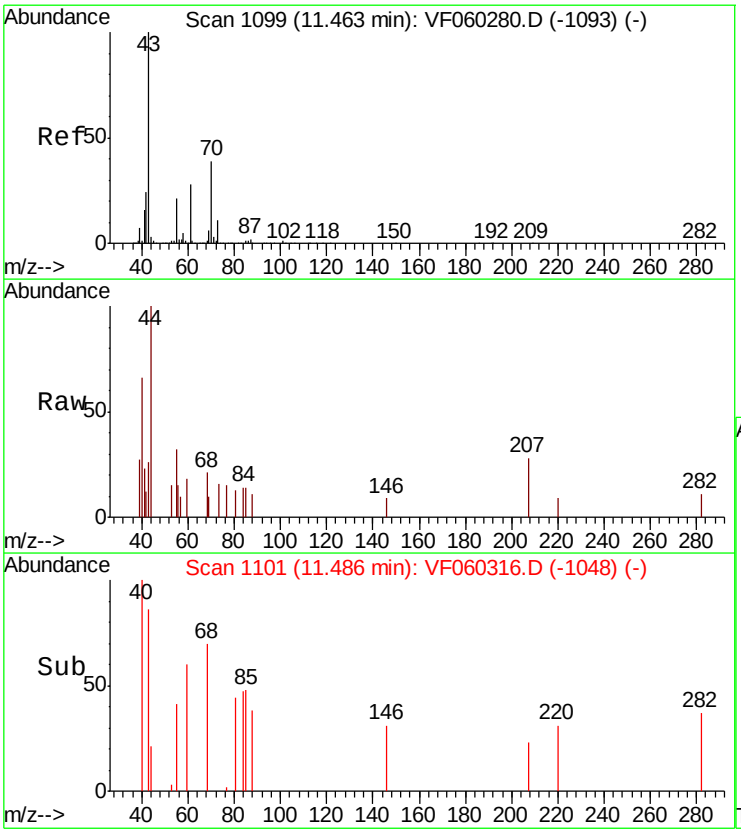
#73
Isopropylbenzene
Concen: 27.684 ug/l
RT: 11.21 min Scan# 1073
Delta R.T. -0.02 min
Lab File: VF060316.D
Acq: 21 Sep 2018 16:44

Instrument : MSVOA_F
ClientSampleId : YG3-SLOAN-PARK-BRIDGERE

Tgt Ion:105 Resp: 169

Ion	Ratio	Lower	Upper
105	100		
120	0.0	12.2	36.6#

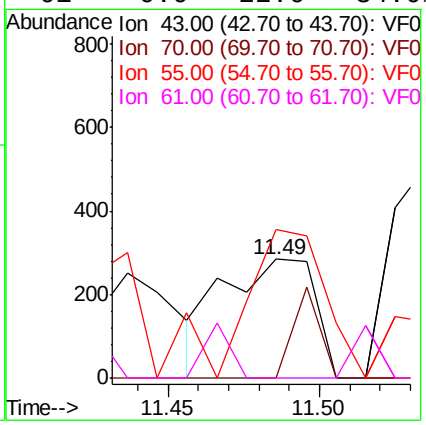


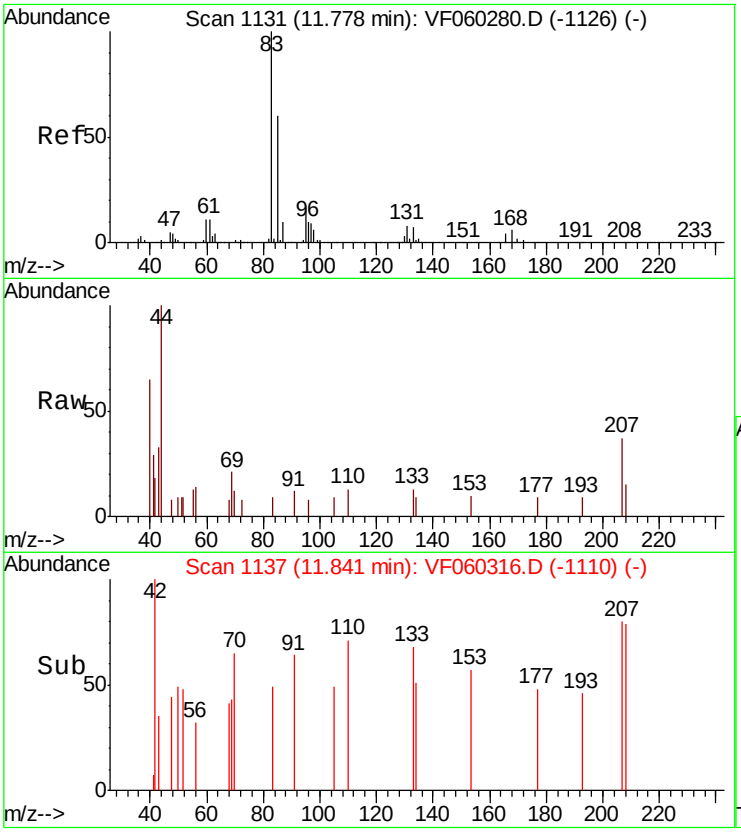


#74
N-amyl acetate
Concen: 458.609 ug/l
RT: 11.49 min Scan# 1101
Delta R.T. 0.02 min
Lab File: VF060316.D
Acq: 21 Sep 2018 16:44

Tgt Ion: 43 Resp: 597

Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.4	47.2#
55	124.6	16.8	25.2#
61	0.0	22.6	34.0#



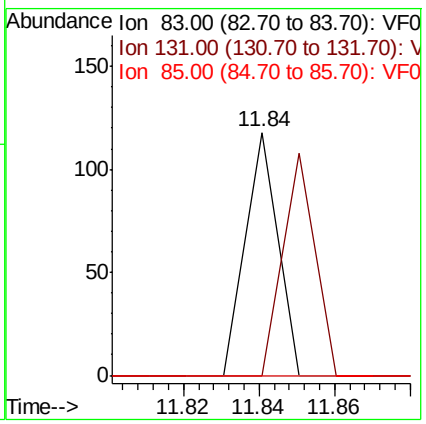


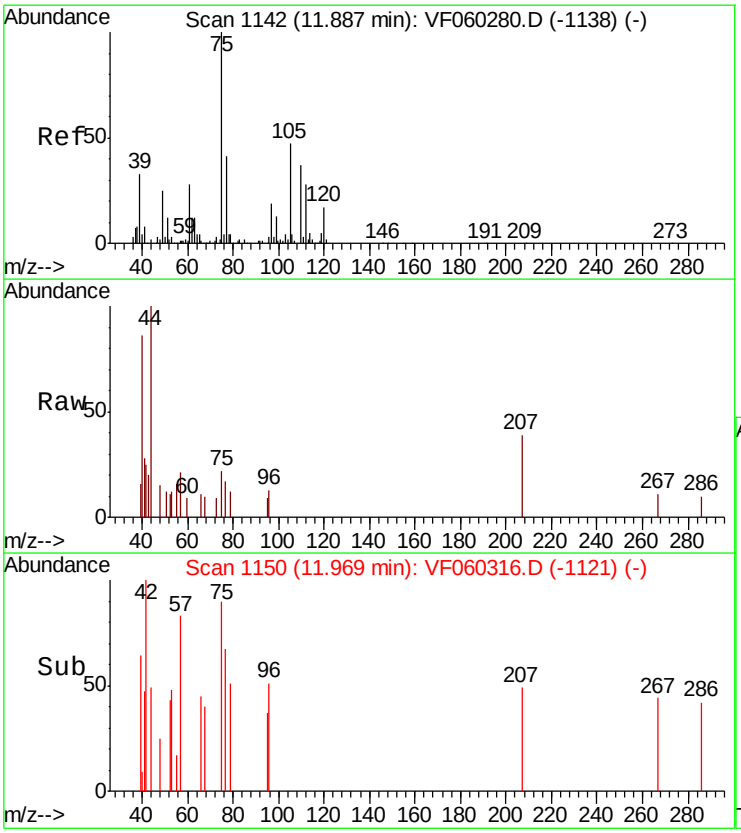
#75
1,1,2,2-Tetrachloroethane
Concen: 64.703 ug/l
RT: 11.84 min Scan# 1137
Delta R.T. 0.06 min
Lab File: VF060316.D
Acq: 21 Sep 2018 16:44

Instrument :
MSVOA_F
ClientSampleId :
YG3-SLOAN-PARK-BRIDGERE

Tgt Ion: 83 Resp: 70

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.2	12.4#
85	0.0	30.1	90.5#

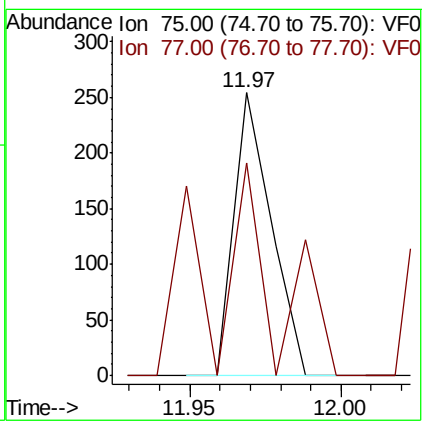


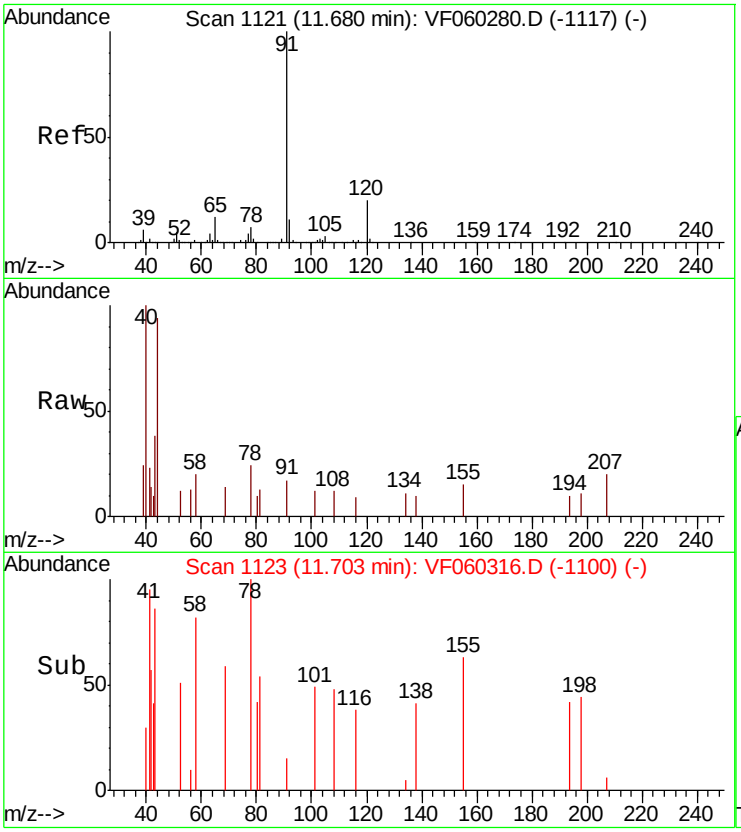


#76
1,2,3-Trichloropropane
Concen: 282.717 ug/l
RT: 11.97 min Scan# 1150
Delta R.T. 0.08 min
Lab File: VF060316.D
Acq: 21 Sep 2018 16:44

Tgt Ion: 75 Resp: 219

Ion	Ratio	Lower	Upper
75	100		
77	75.2	20.5	61.5#



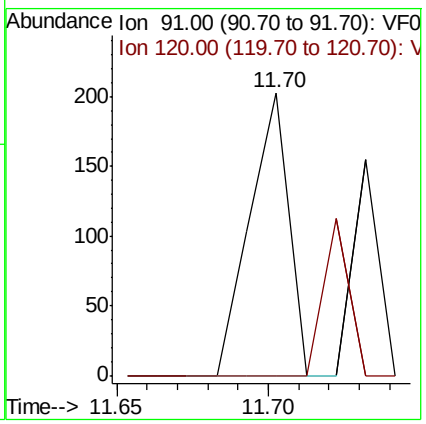


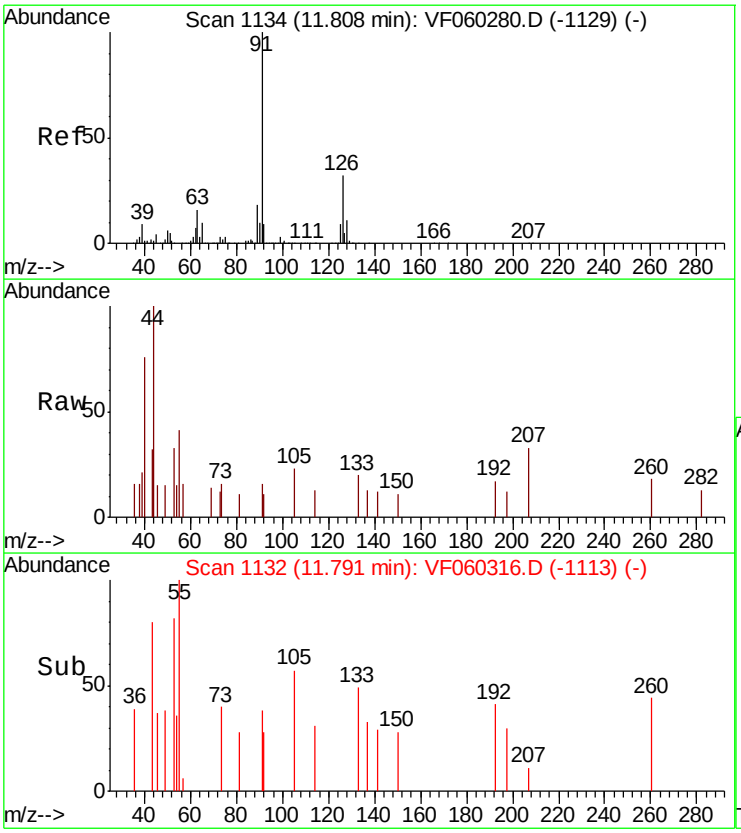
#78
n-propylbenzene
Concen: 26.096 ug/l
RT: 11.70 min Scan# 1123
Delta R.T. 0.02 min
Lab File: VF060316.D
Acq: 21 Sep 2018 16:44

Instrument :
MSVOA_F
ClientSampleId :
YG3-SLOAN-PARK-BRIDGERE

Tgt Ion: 91 Resp: 181

Ion	Ratio	Lower	Upper
91	100		
120	0.0	10.0	29.8#

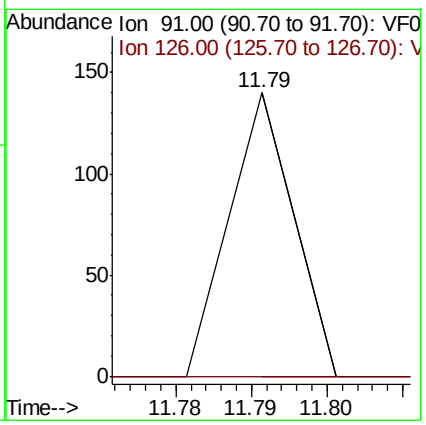


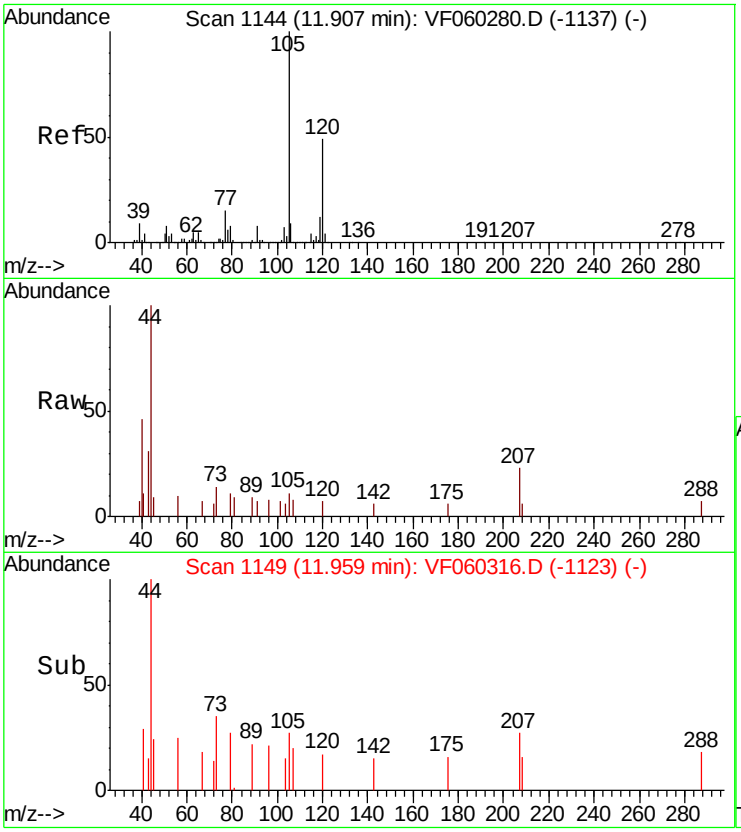


#79
2-Chlorotoluene
Concen: 20.156 ug/l
RT: 11.79 min Scan# 1132
Delta R.T. -0.02 min
Lab File: VF060316.D
Acq: 21 Sep 2018 16:44

Tgt Ion: 91 Resp: 83

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.1	48.3#



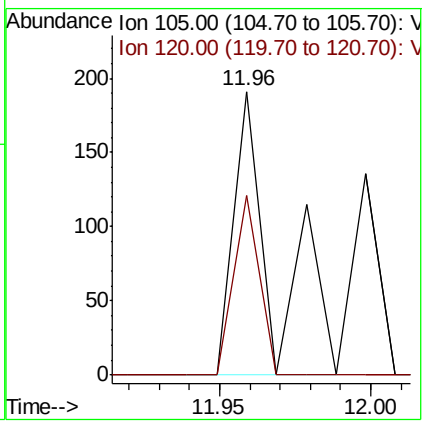


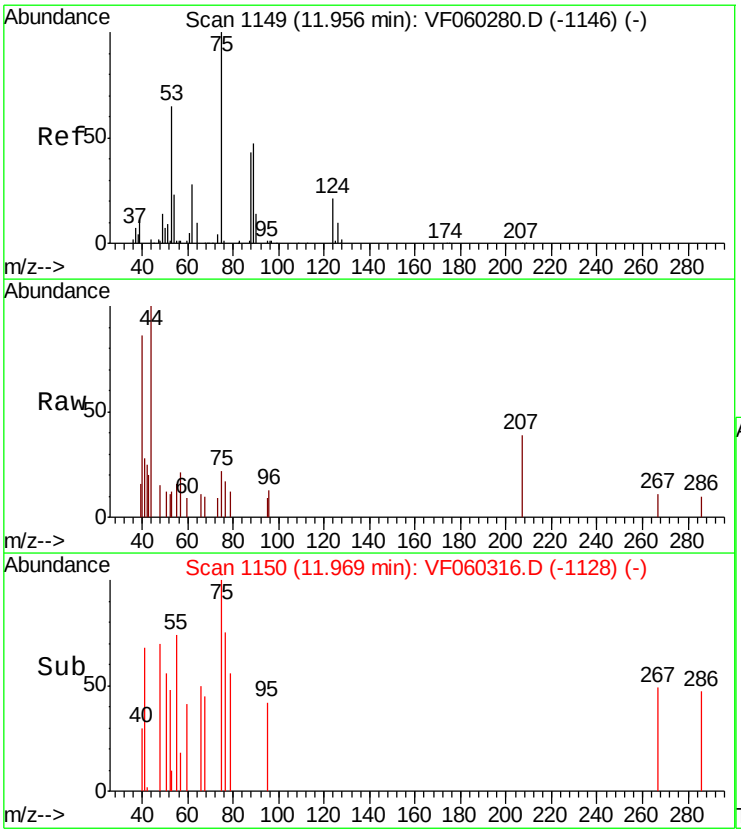
#80
1,3,5-Trimethylbenzene
Concen: 36.834 ug/l
RT: 11.96 min Scan# 1149
Delta R.T. 0.05 min
Lab File: VF060316.D
Acq: 21 Sep 2018 16:44

Instrument :
MSVOA_F
ClientSampleId :
YG3-SLOAN-PARK-BRIDGERE

Tgt Ion:105 Resp: 181

Ion	Ratio	Lower	Upper
105	100		
120	63.4	24.4	73.2

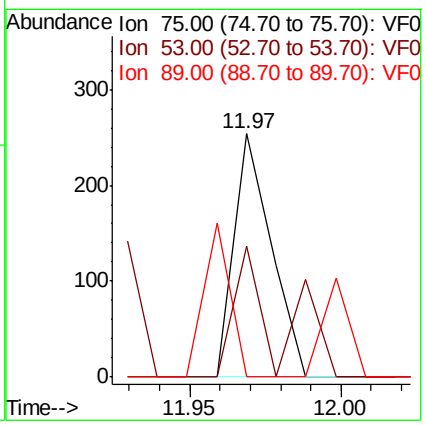


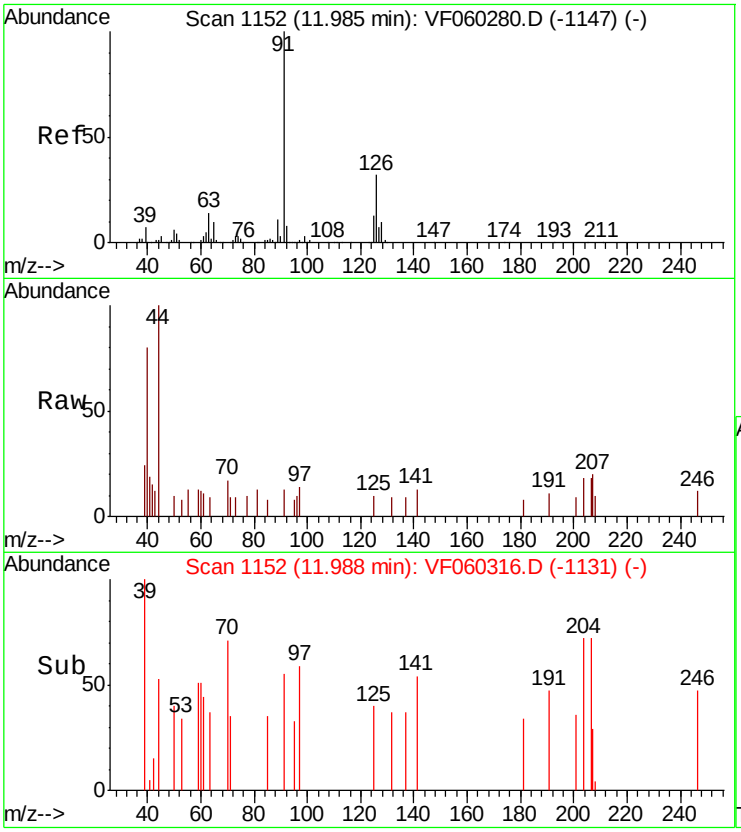


#81
trans-1,4-Dichloro-2-butene
Concen: 534.969 ug/l
RT: 11.97 min Scan# 1150
Delta R.T. 0.01 min
Lab File: VF060316.D
Acq: 21 Sep 2018 16:44

Tgt Ion: 75 Resp: 219

Ion	Ratio	Lower	Upper
75	100		
53	53.9	56.5	84.7#
89	0.0	40.6	60.8#



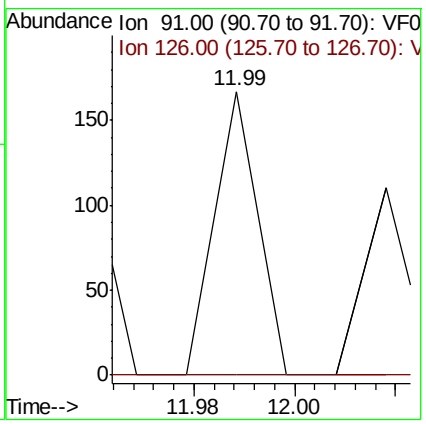


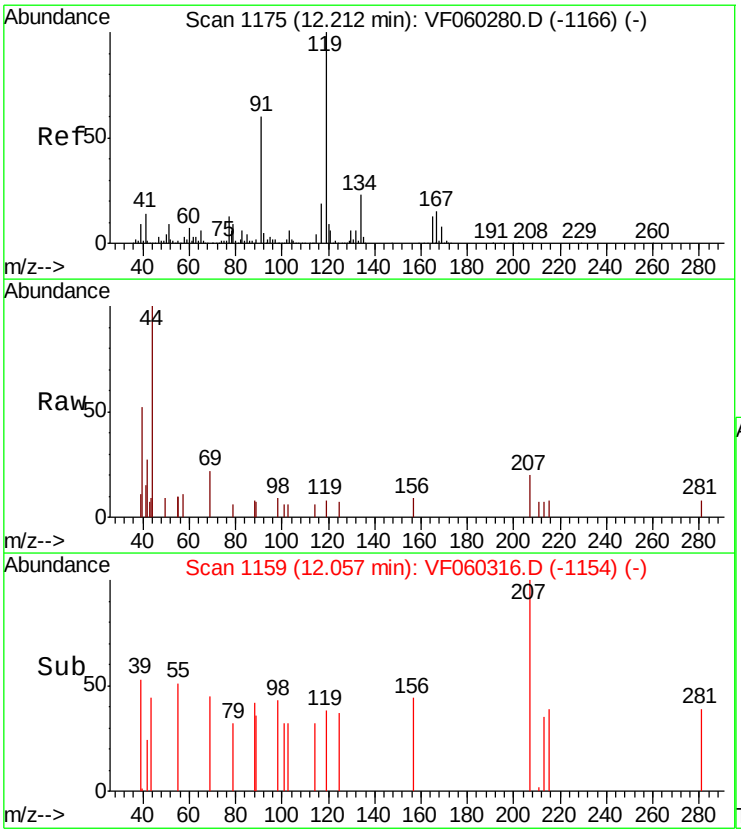
#82
4-Chlorotoluene
Concen: 23.920 ug/l
RT: 11.99 min Scan# 1152
Delta R.T. 0.00 min
Lab File: VF060316.D
Acq: 21 Sep 2018 16:44

Instrument : MSVOA_F
ClientSampleId : YG3-SLOAN-PARK-BRIDGERE

Tgt Ion: 91 Resp: 99

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.1	48.2#

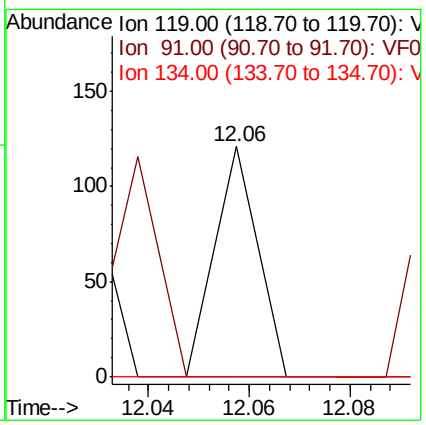


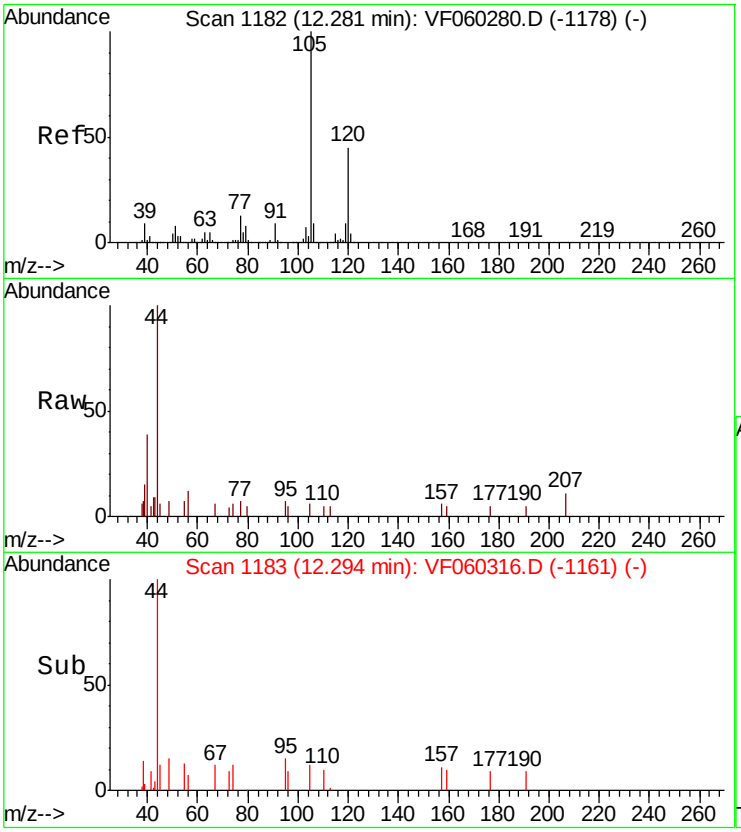


#83
tert-Butylbenzene
Concen: 14.454 ug/l
RT: 12.06 min Scan# 1159
Delta R.T. -0.15 min
Lab File: VF060316.D
Acq: 21 Sep 2018 16:44

Tgt Ion:119 Resp: 72

Ion	Ratio	Lower	Upper
119	100		
91	0.0	30.3	91.0#
134	0.0	11.6	34.8#



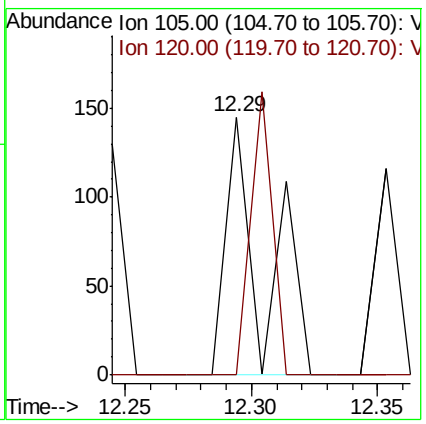


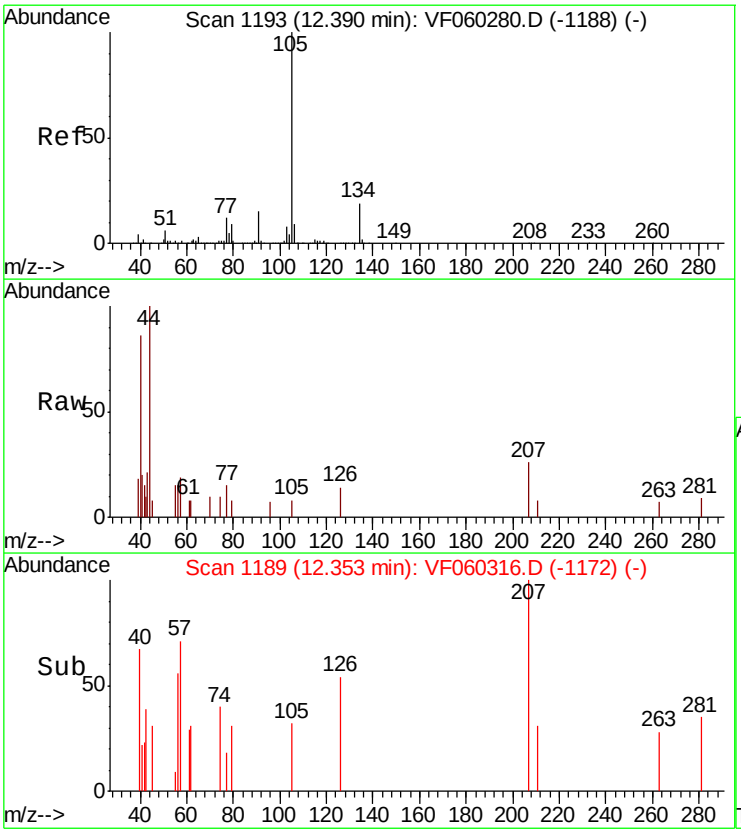
#84
1,2,4-Trimethylbenzene
Concen: 30.061 ug/l
RT: 12.29 min Scan# 1183
Delta R.T. 0.01 min
Lab File: VF060316.D
Acq: 21 Sep 2018 16:44

Instrument :
MSVOA_F
ClientSampleId :
YG3-SLOAN-PARK-BRIDGERE

Tgt Ion:105 Resp: 150

Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.4	67.0#

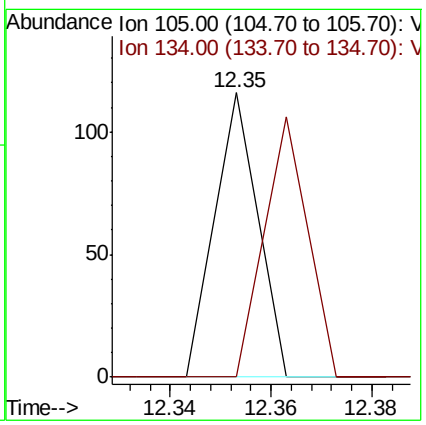


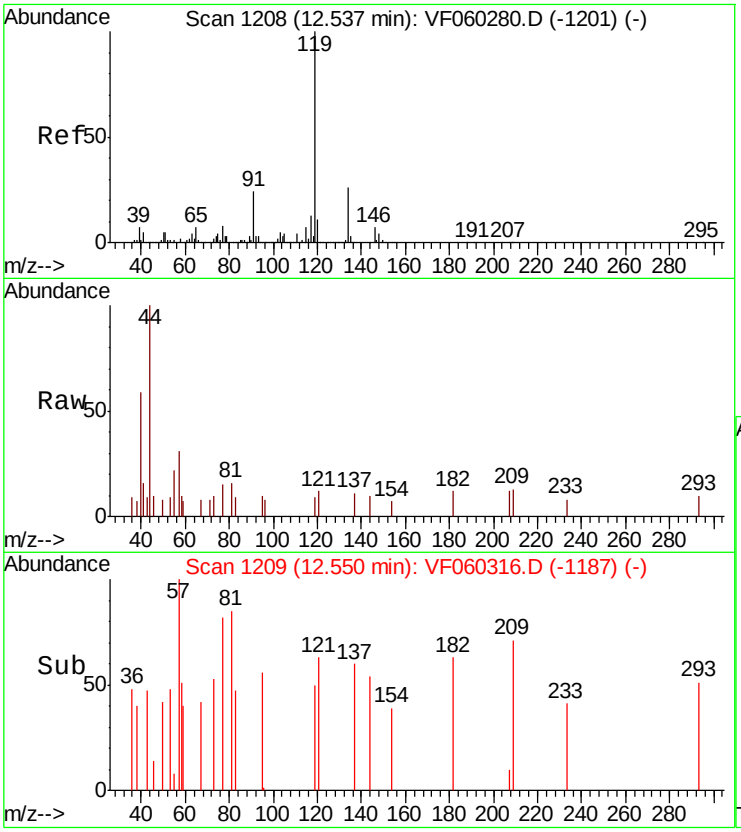


#85
sec-Butylbenzene
Concen: 4.248 ug/l
RT: 12.35 min Scan# 1189
Delta R.T. -0.04 min
Lab File: VF060316.D
Acq: 21 Sep 2018 16:44

Tgt Ion:105 Resp: 69

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.6	28.6#



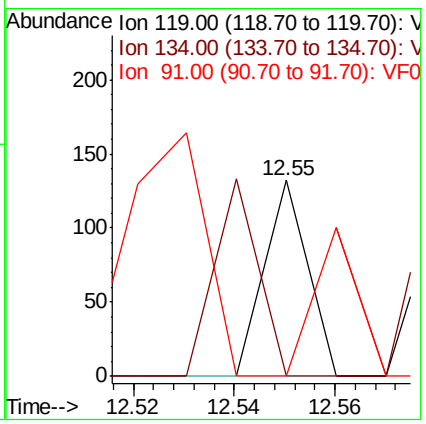


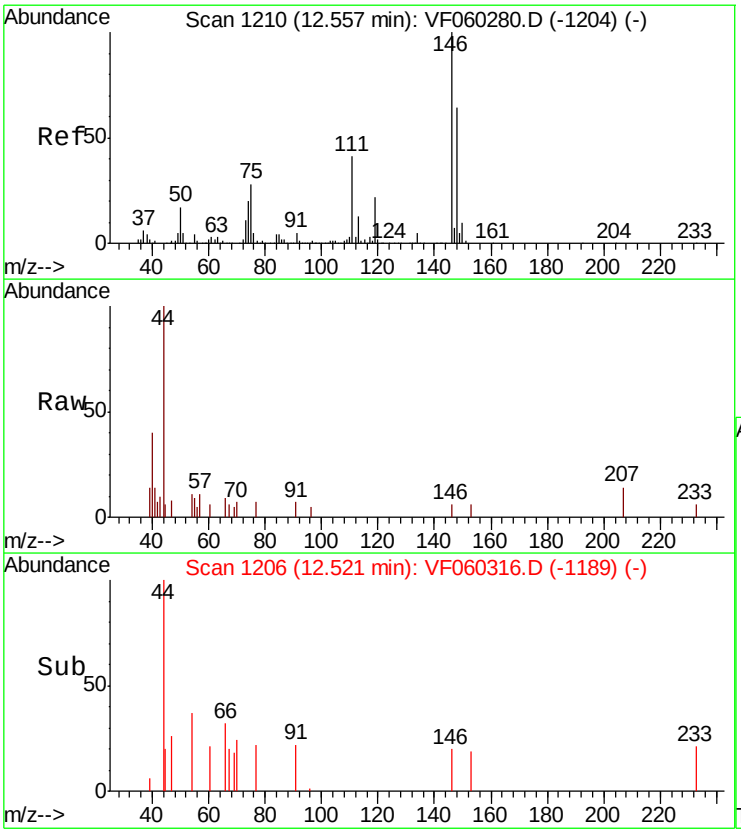
#86
p-Isopropyltoluene
Concen: 10.584 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF060316.D
Acq: 21 Sep 2018 16:44

Instrument :
MSVOA_F
ClientSampleId :
YG3-SLOAN-PARK-BRIDGERE

Tgt Ion:119 Resp: 78

Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.9	38.7#
91	0.0	11.9	35.7#

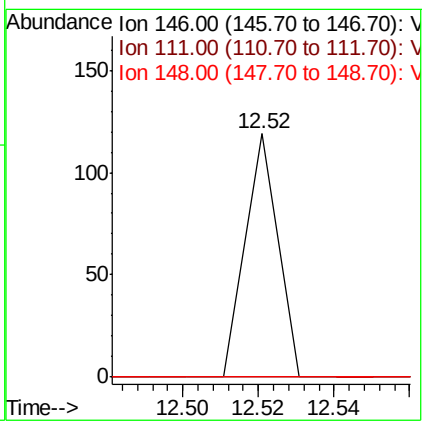


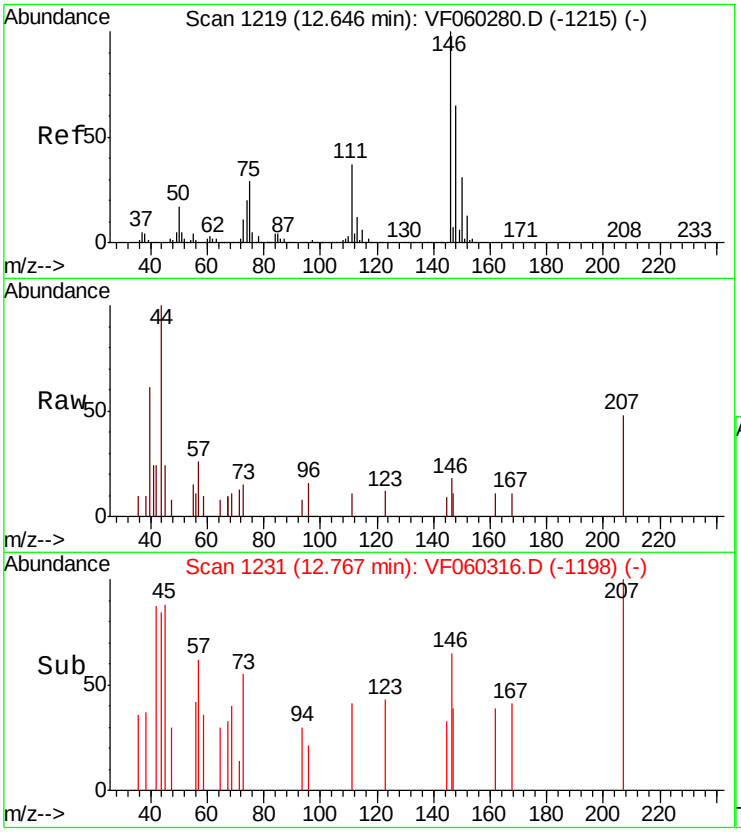


#87
1,3-Dichlorobenzene
Concen: 28.474 ug/l
RT: 12.52 min Scan# 1206
Delta R.T. -0.04 min
Lab File: VF060316.D
Acq: 21 Sep 2018 16:44

Tgt Ion:146 Resp: 70

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.5	61.6#
148	0.0	32.2	96.6#



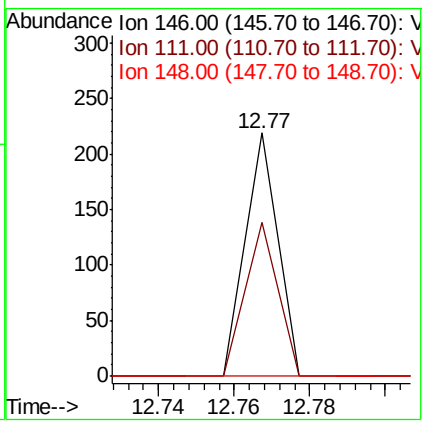


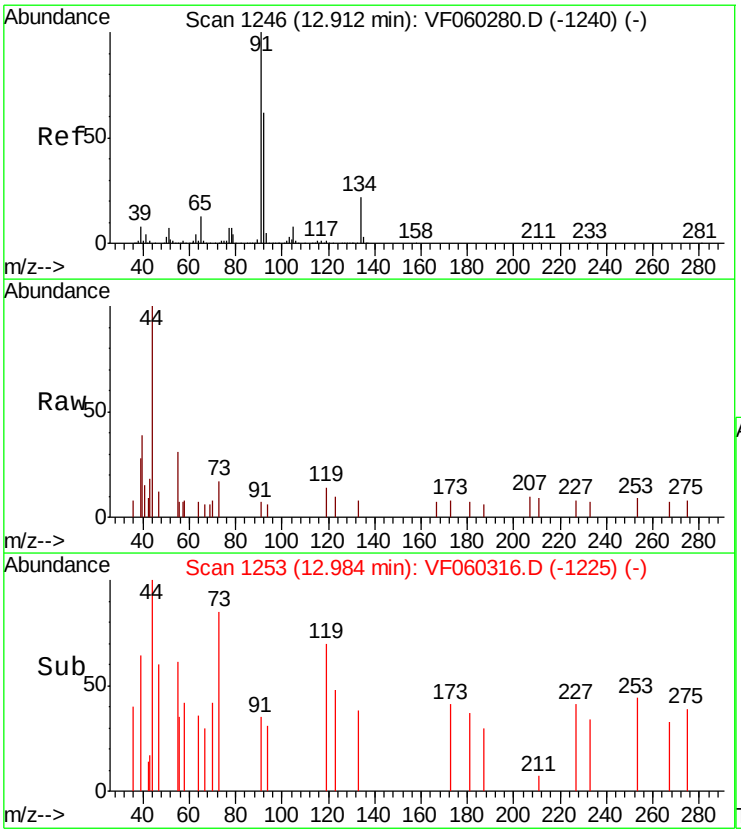
#88
1,4-Dichlorobenzene
Concen: 53.501 ug/l
RT: 12.77 min Scan# 1231
Delta R.T. 0.12 min
Lab File: VF060316.D
Acq: 21 Sep 2018 16:44

Instrument :
MSVOA_F
ClientSampleId :
YG3-SLOAN-PARK-BRIDGERE

Tgt Ion:146 Resp: 130

Ion	Ratio	Lower	Upper
146	100		
111	63.5	18.7	56.1#
148	0.0	32.4	97.0#

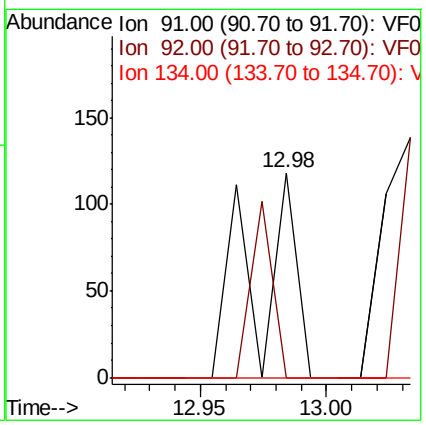


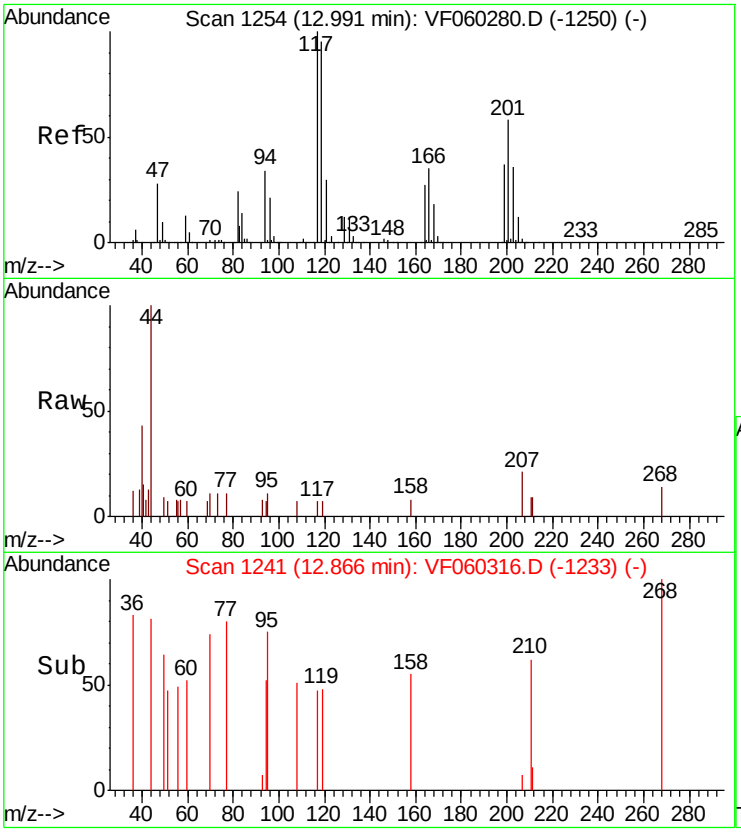


#89
n-Butylbenzene
Concen: 22.611 ug/l
RT: 12.98 min Scan# 1253
Delta R.T. 0.07 min
Lab File: VF060316.D
Acq: 21 Sep 2018 16:44

Tgt Ion: 91 Resp: 135

Ion	Ratio	Lower	Upper
91	100		
92	0.0	31.1	93.5#
134	0.0	11.0	33.0#



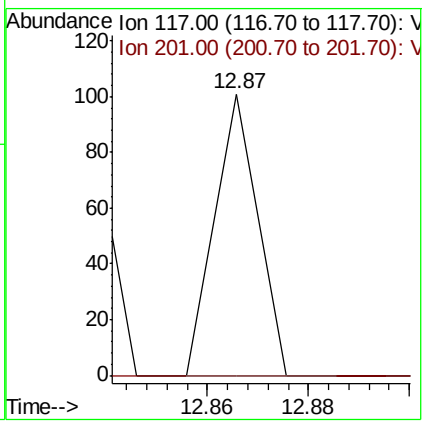


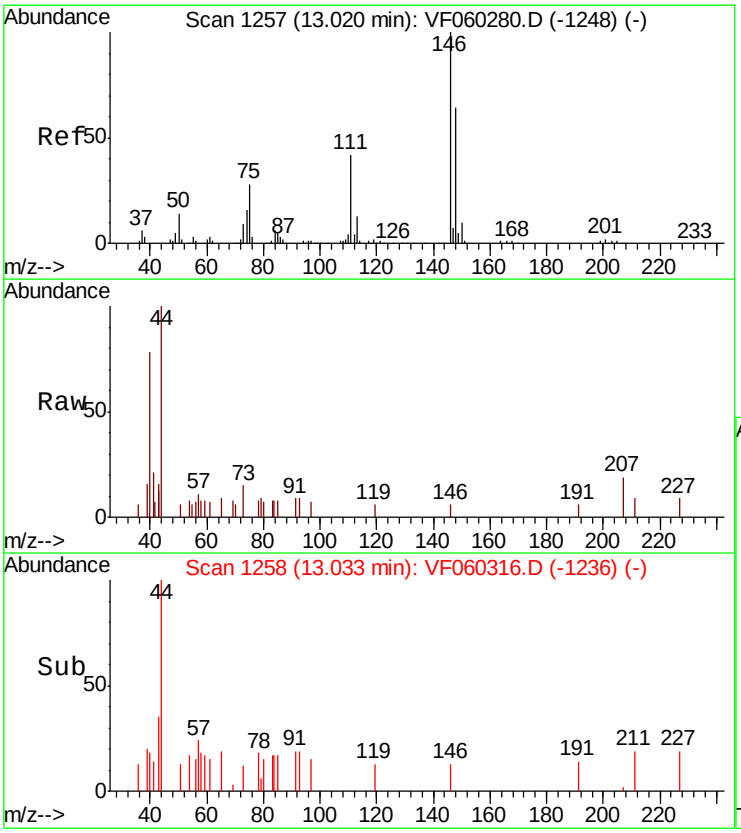
#90
Hexachloroethane
Concen: 43.044 ug/l
RT: 12.87 min Scan# 1241
Delta R.T. -0.13 min
Lab File: VF060316.D
Acq: 21 Sep 2018 16:44

Instrument :
MSVOA_F
ClientSampleId :
YG3-SLOAN-PARK-BRIDGERE

Tgt Ion:117 Resp: 60

Ion	Ratio	Lower	Upper
117	100		
201	0.0	29.0	87.0#

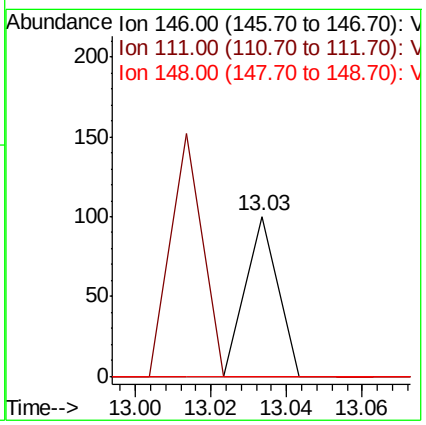


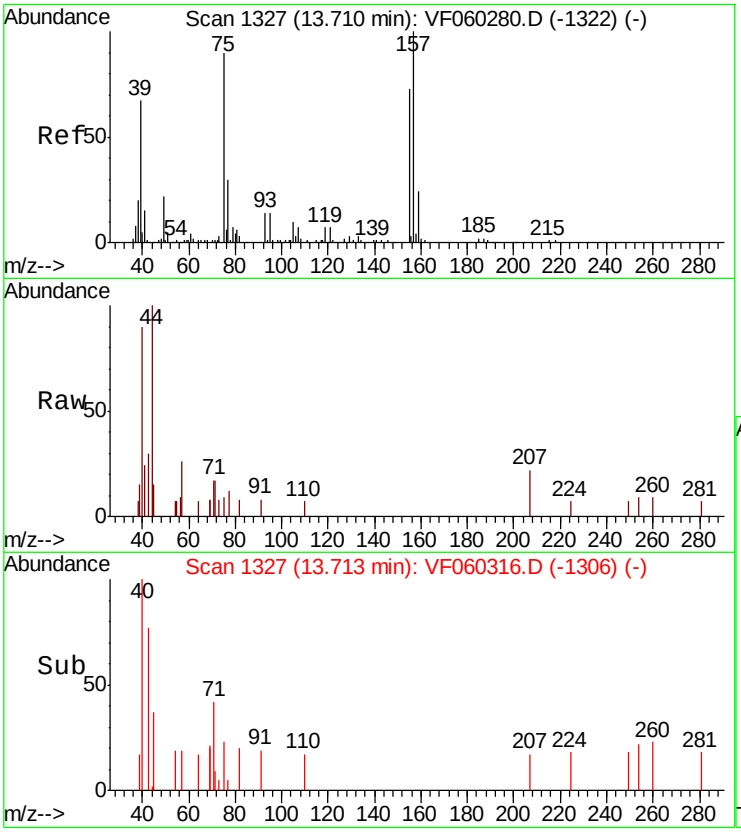


#91
1,2-Dichlorobenzene
Concen: 25.158 ug/l
RT: 13.03 min Scan# 1258
Delta R.T. 0.01 min
Lab File: VF060316.D
Acq: 21 Sep 2018 16:44

Tgt Ion:146 Resp: 59

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.9	62.8#
148	0.0	31.9	95.9#



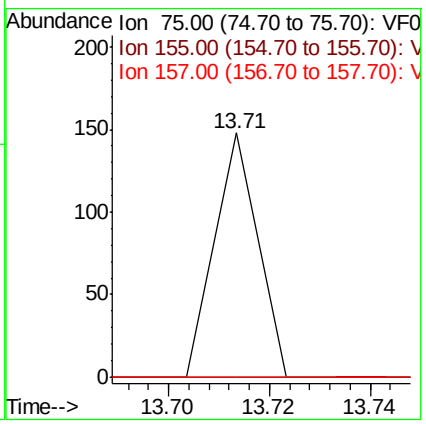


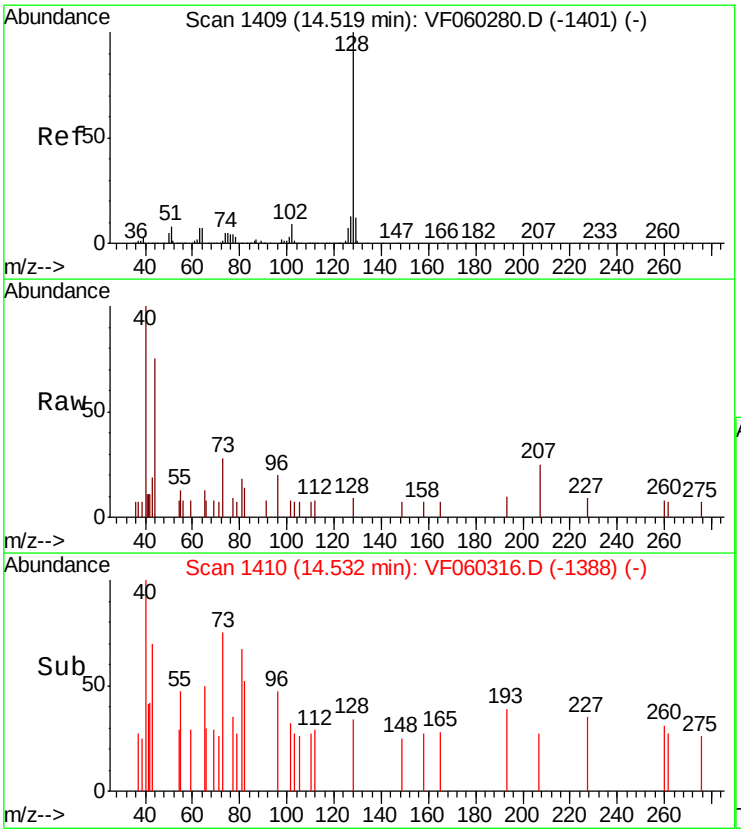
#92
1,2-Dibromo-3-Chloropropane
Concen: 433.238 ug/l
RT: 13.71 min Scan# 1327
Delta R.T. 0.00 min
Lab File: VF060316.D
Acq: 21 Sep 2018 16:44

Instrument :
MSVOA_F
ClientSampleId :
YG3-SLOAN-PARK-BRIDGERE

Tgt Ion: 75 Resp: 88

Ion	Ratio	Lower	Upper
75	100		
155	0.0	41.9	125.7#
157	0.0	57.4	172.0#

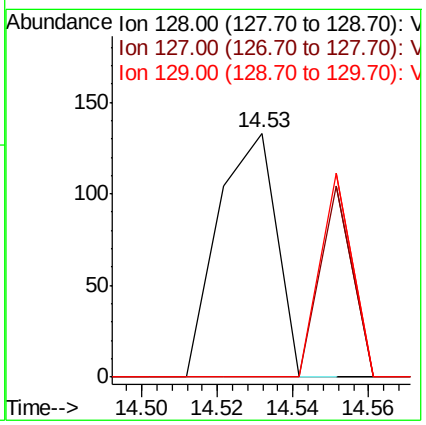


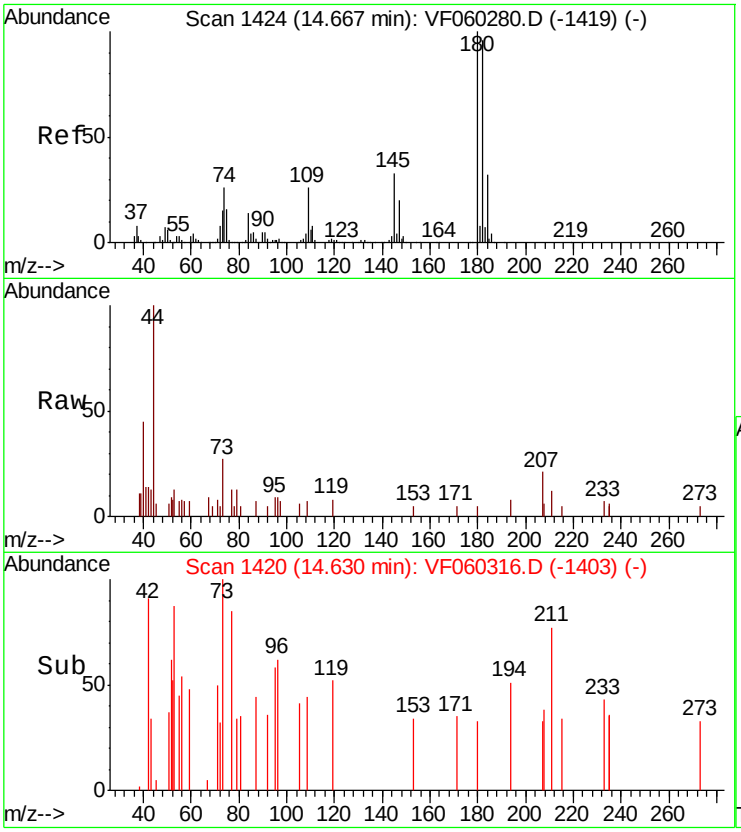


#95
Naphthalene
Concen: 46.846 ug/l
RT: 14.53 min Scan# 1410
Delta R.T. 0.01 min
Lab File: VF060316.D
Acq: 21 Sep 2018 16:44

Tgt Ion:128 Resp: 140

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.1	15.1#
129	0.0	9.8	14.8#





#96
1,2,3-Trichlorobenzene
Concen: 38.729 ug/l
RT: 14.63 min Scan# 1420
Delta R.T. -0.04 min
Lab File: VF060316.D
Acq: 21 Sep 2018 16:44

Instrument :
MSVOA_F
ClientSampleId :
YG3-SLOAN-PARK-BRIDGERE

Tgt Ion:180 Resp: 61

Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.8	143.4#
145	0.0	16.4	49.1#