Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
Data File : VF060749.D
Acq On : 15 Nov 2018 16:22
Operator : VA/AP
Sample : J5925-05
Misc : 20.16g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Nov 16 04:37:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 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	-4.89
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-5.62
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.79
72) 1,4-Dichlorobenzene-d4	12.67	152	99	50.00	ug/l	0.11
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	66	0.00	ug/l	-0.03
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	0.00	98	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
62) 4-Bromofluorobenzene	11.43	95	260	0.00	ug/l	0.00
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
73) Isopropylbenzene	11.22	105	64	8.031	ug/l #	48
74) N-amyl acetate	11.37	43	503	277.273	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	11.71	83	67	50.855	ug/l #	25
76) 1,2,3-Trichloropropane	11.85	75	82	83.804	ug/l #	1
78) n-propylbenzene	11.59	91	82	8.823	ug/l #	53
79) 2-Chlorotoluene	11.70	91	108	19.994	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.83	105	98	15.490	ug/l #	27
81) trans-1,4-Dichloro-2-buten	11.85	75	82	170.582	ug/l #	20
82) 4-Chlorotoluene	11.92	91	71	12.830	ug/l #	43
83) tert-Butylbenzene	12.16	119	61	9.081	ug/l #	28
85) sec-Butylbenzene	12.44	105	69	7.572	ug/l #	56
86) p-Isopropyltoluene	12.46	119	76	9.986	ug/l #	13
89) n-Butylbenzene	12.87	91	67	8.627	ug/l #	26
90) Hexachloroethane	12.86	117	83	44.589	ug/l #	21
91) 1,2-Dichlorobenzene	13.05	146	67	21.557	ug/l #	23
92) 1,2-Dibromo-3-Chloropropan	13.64	75	66	266.533	ug/l #	7
95) Naphthalene	14.49	128	1395	342.227	ug/l #	30

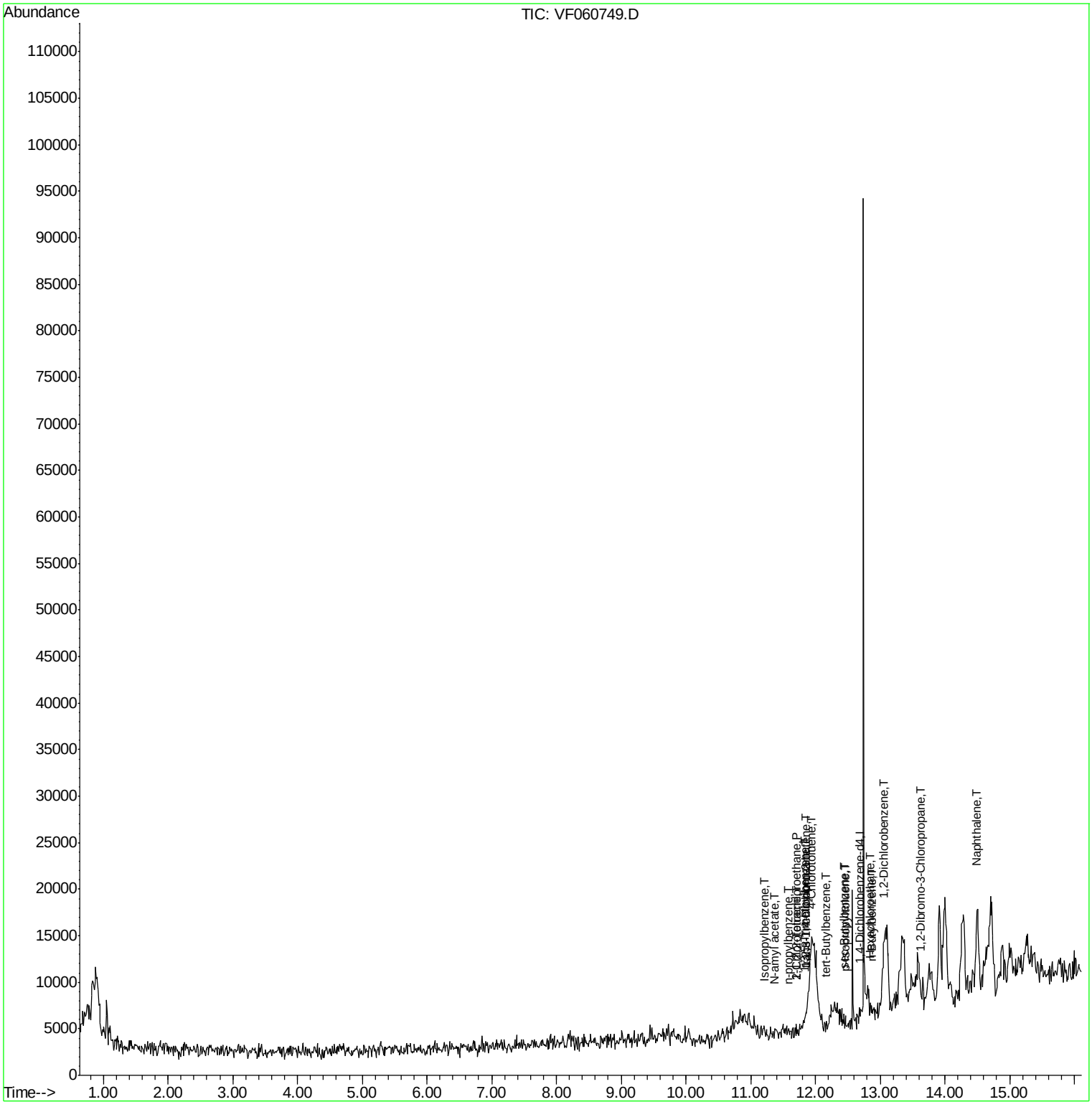
(#) = qualifier out of range (m) = manual integration (+) = signals summed

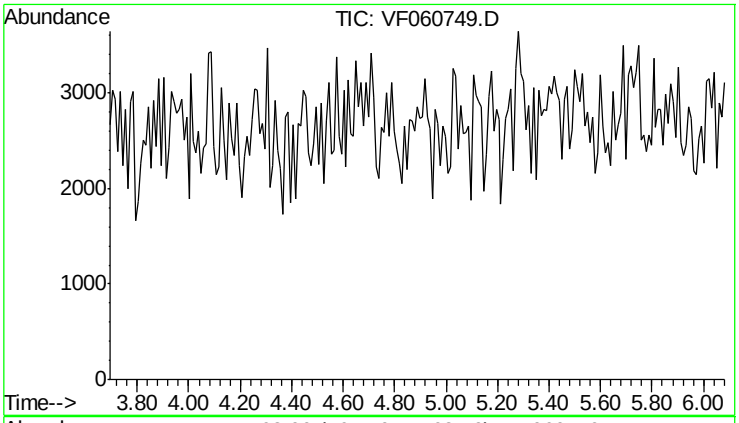
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111518\
Data File : VF060749.D
Acq On : 15 Nov 2018 16:22
Operator : VA/AP
Sample : J5925-05
Misc : 20.16g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Nov 16 04:37:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration





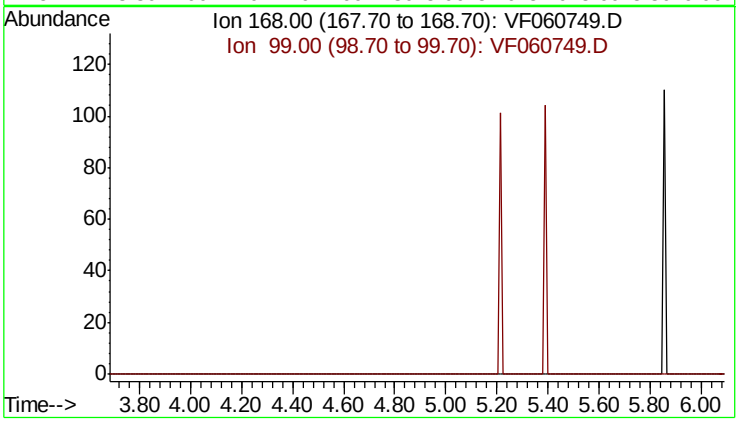
#1
Pentafluorobenzene
Concen: 0.000 ug/l
Expected RT: 4.89 min

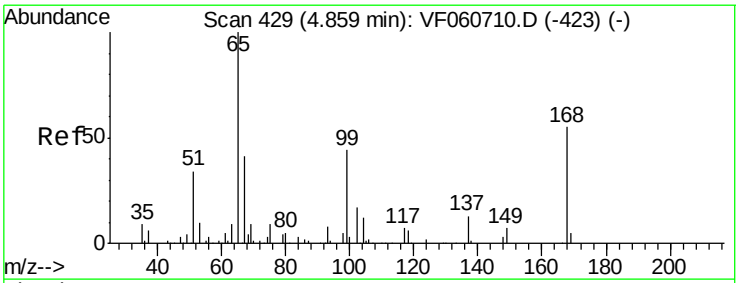
Lab File: VF060749.D
Acq: 15 Nov 2018 16:22

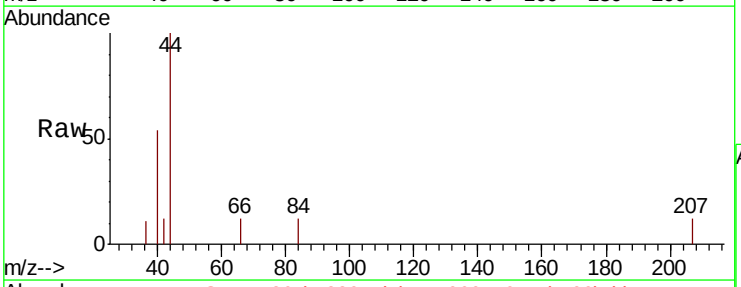
Instrument :
MSVOA_F
ClientSampleId :

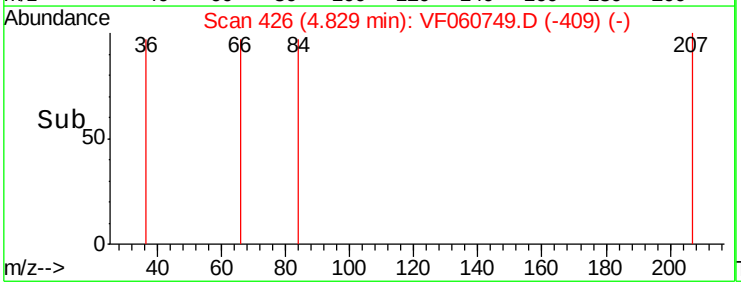
Tgt Ion: 168

Sig	Exp Ratio
168	100
99	71.5





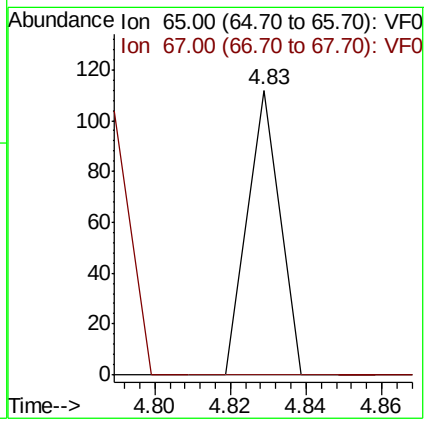


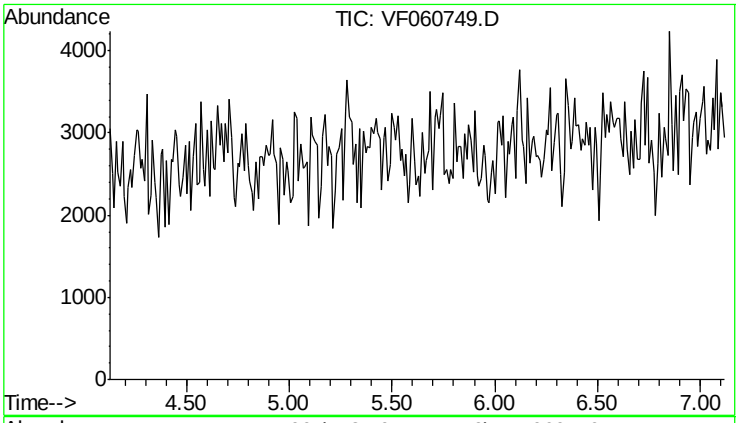


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.03 min
Lab File: VF060749.D
Acq: 15 Nov 2018 16:22

Tgt Ion: 65 Resp: 66

Ion	Ratio	Lower	Upper
65	100		
67	0.0	0.0	90.2





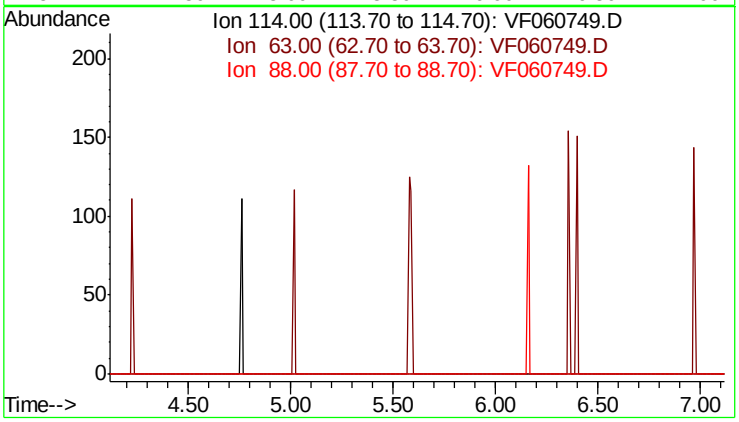
#34
1,4-Difluorobenzene
Concen: 0.000 ug/l
Expected RT: 5.62 min

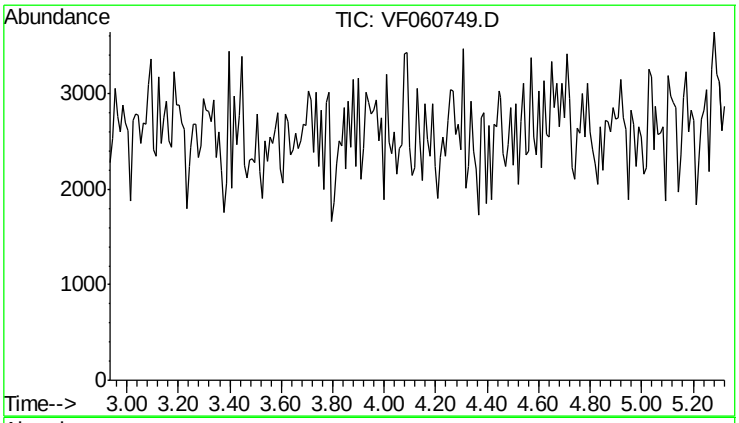
Lab File: VF060749.D
Acq: 15 Nov 2018 16:22

Tgt Ion: 114

Sig	Exp Ratio
114	100
63	20.4
88	19.8

Instrument :
MSVOA_F
ClientSampleId :



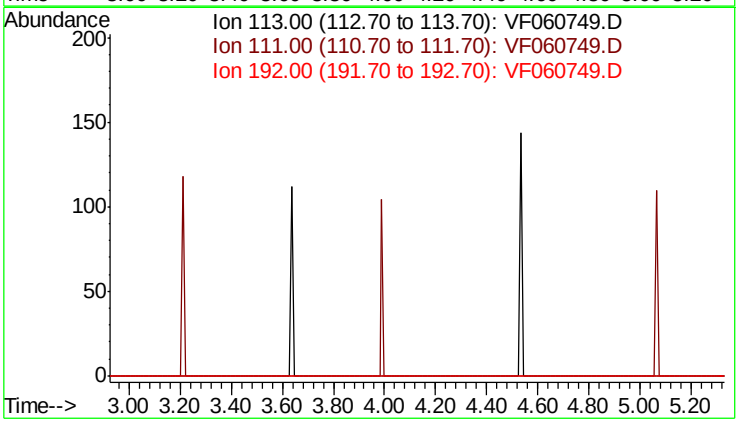


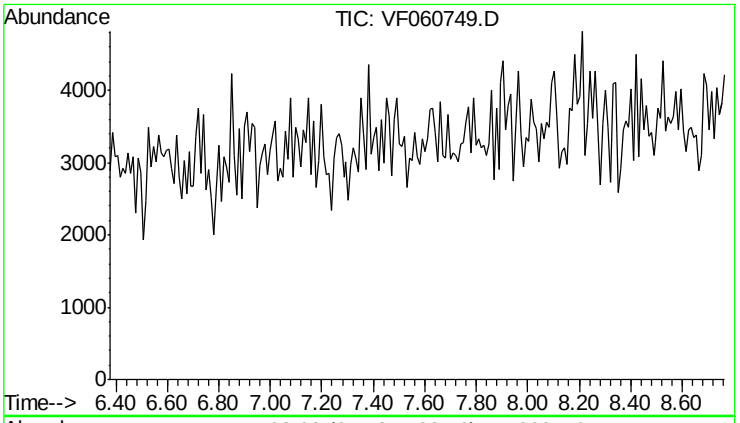
#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 4.13 min

Lab File: VF060749.D
Acq: 15 Nov 2018 16:22

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	108.9
192	17.2





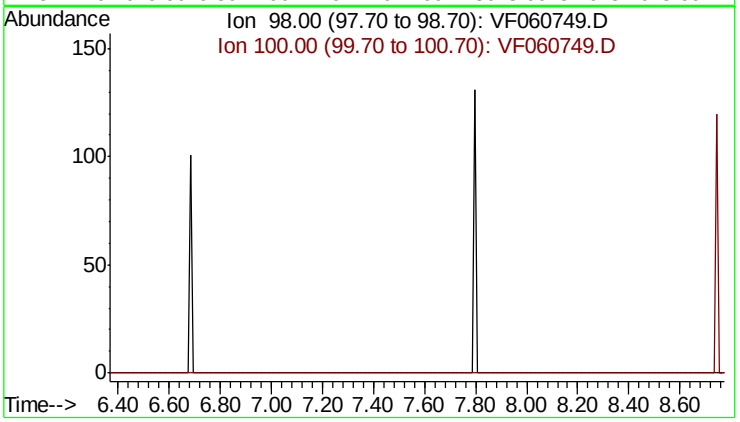
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 7.57 min

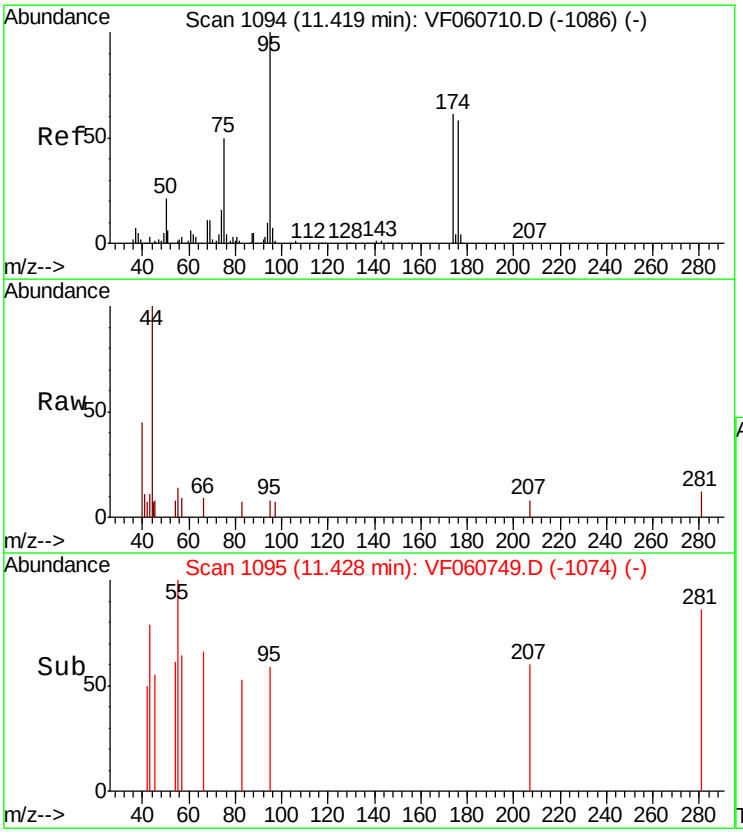
Lab File: VF060749.D
Acq: 15 Nov 2018 16:22

Tgt Ion: 98

Sig	Exp Ratio
98	100
100	70.6

Instrument :
MSVOA_F
ClientSampleId :

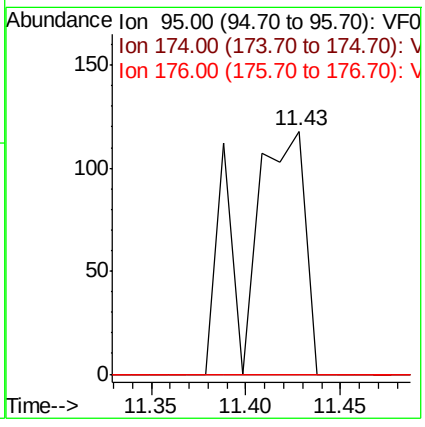


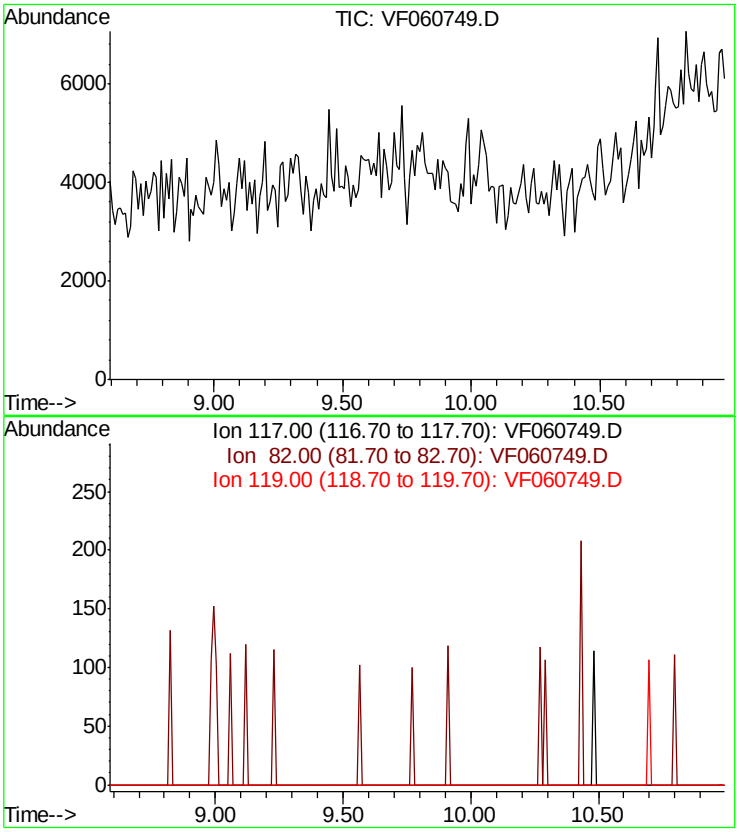


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. 0.01 min
Lab File: VF060749.D
Acq: 15 Nov 2018 16:22

Tgt Ion: 95 Resp: 260

Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	121.6
176	0.0	0.0	115.2





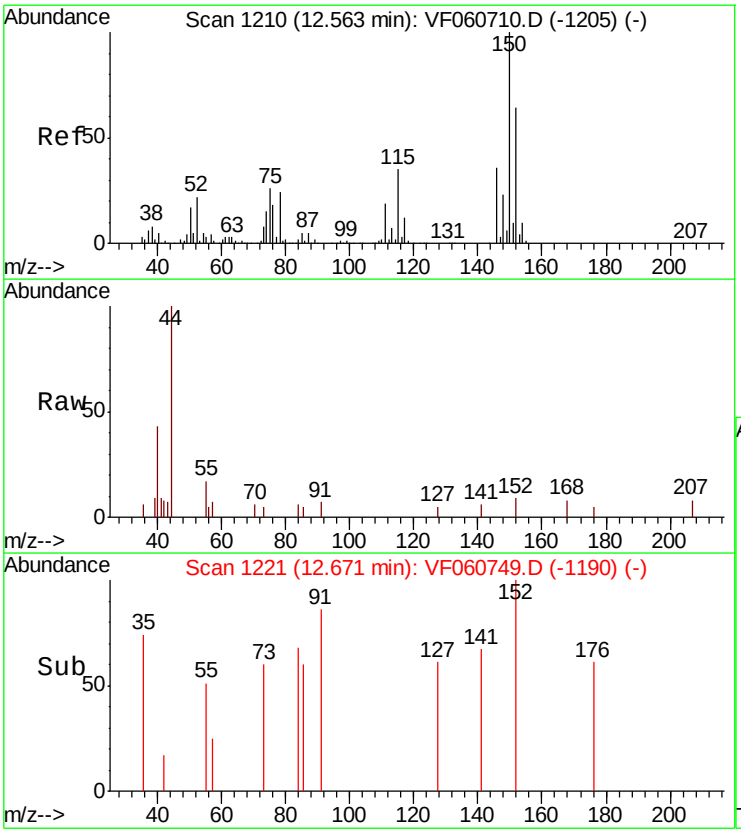
#63
Chlorobenzene-d5
Concen: 0.000 ug/l
Expected RT: 9.79 min

Lab File: VF060749.D
Acq: 15 Nov 2018 16:22

Tgt Ion: 117

Sig	Exp Ratio
117	100
82	59.9
119	33.5

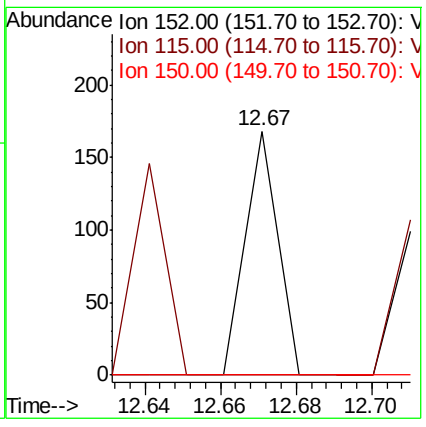
Instrument :
MSVOA_F
ClientSampleId :

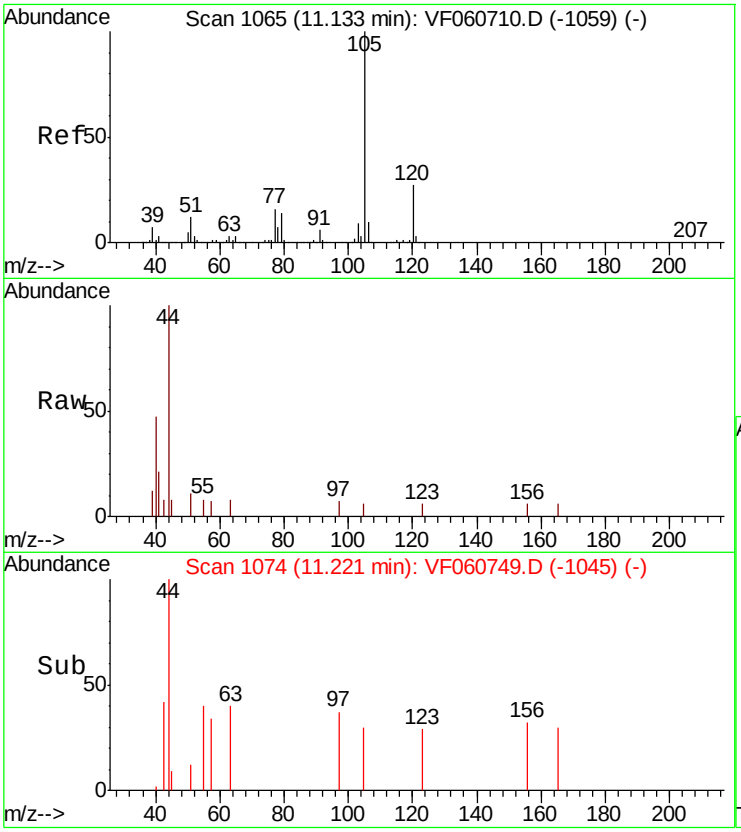


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.67 min Scan# 1221
Delta R.T. 0.11 min
Lab File: VF060749.D
Acq: 15 Nov 2018 16:22

Tgt Ion:152 Resp: 99

Ion	Ratio	Lower	Upper
152	100		
115	0.0	27.9	83.7#
150	0.0	0.0	316.4



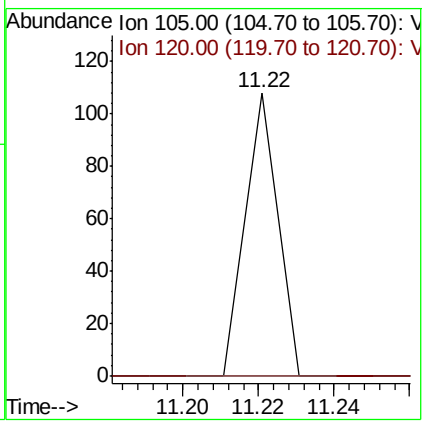


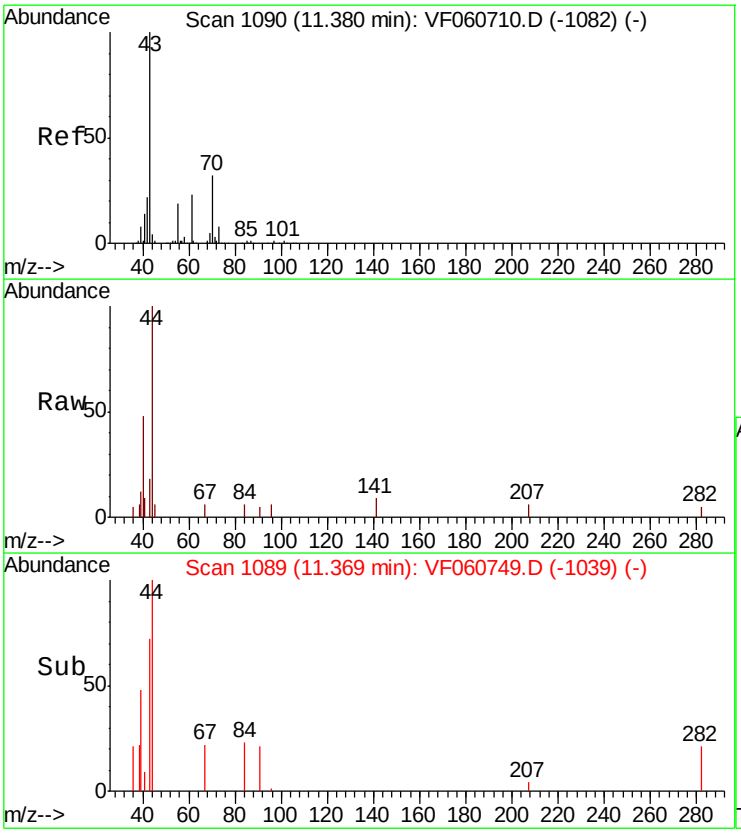
#73
Isopropylbenzene
Concen: 8.031 ug/l
RT: 11.22 min Scan# 1074
Delta R.T. 0.09 min
Lab File: VF060749.D
Acq: 15 Nov 2018 16:22

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 64

Ion	Ratio	Lower	Upper
105	100		
120	0.0	13.4	40.1#

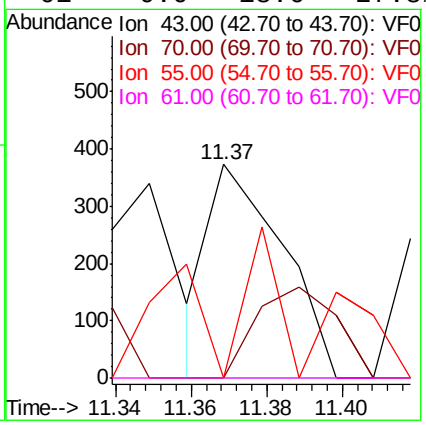


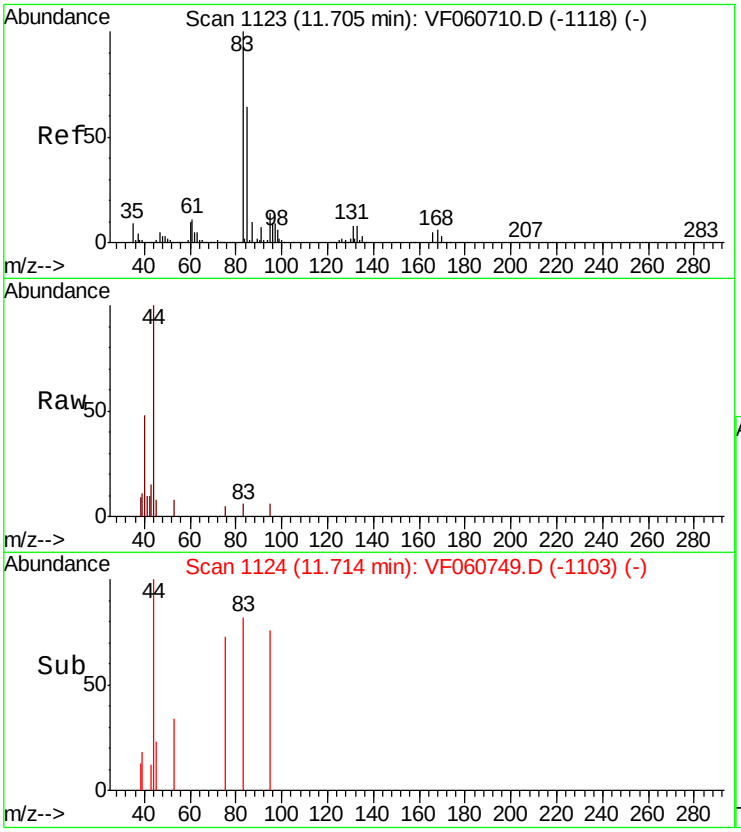


#74
N-amyl acetate
Concen: 277.273 ug/l
RT: 11.37 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VF060749.D
Acq: 15 Nov 2018 16:22

Tgt Ion: 43 Resp: 503

Ion	Ratio	Lower	Upper
43	100		
70	0.0	25.5	38.3#
55	0.0	14.9	22.3#
61	0.0	18.6	27.8#



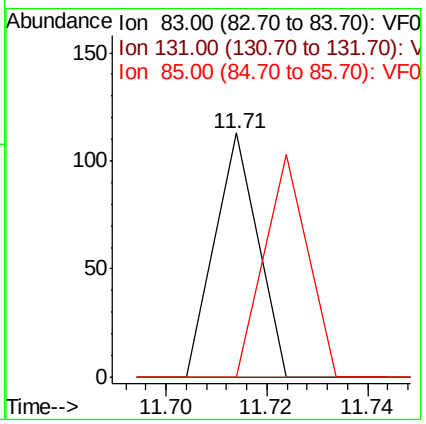


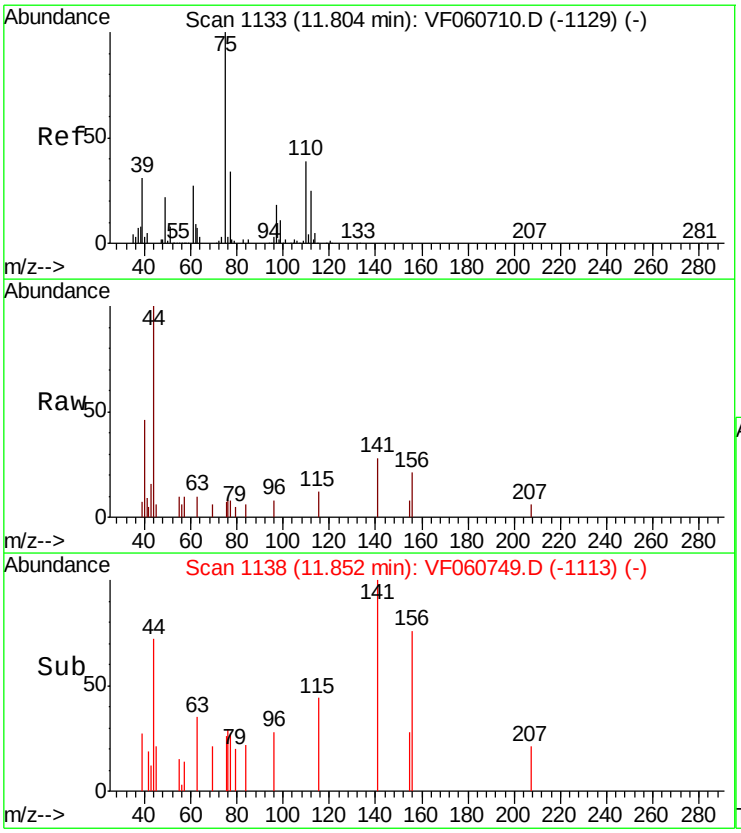
#75
1,1,2,2-Tetrachloroethane
Concen: 50.855 ug/l
RT: 11.71 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VF060749.D
Acq: 15 Nov 2018 16:22

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 83 Resp: 67

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.2	12.4#
85	0.0	32.0	96.2#

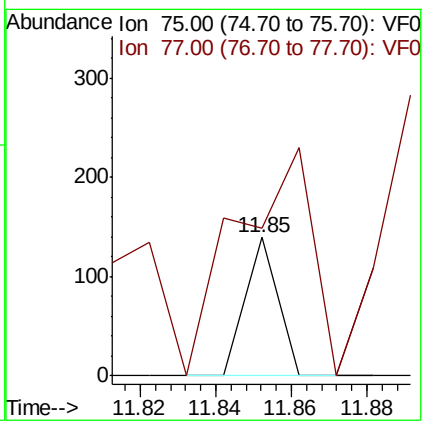


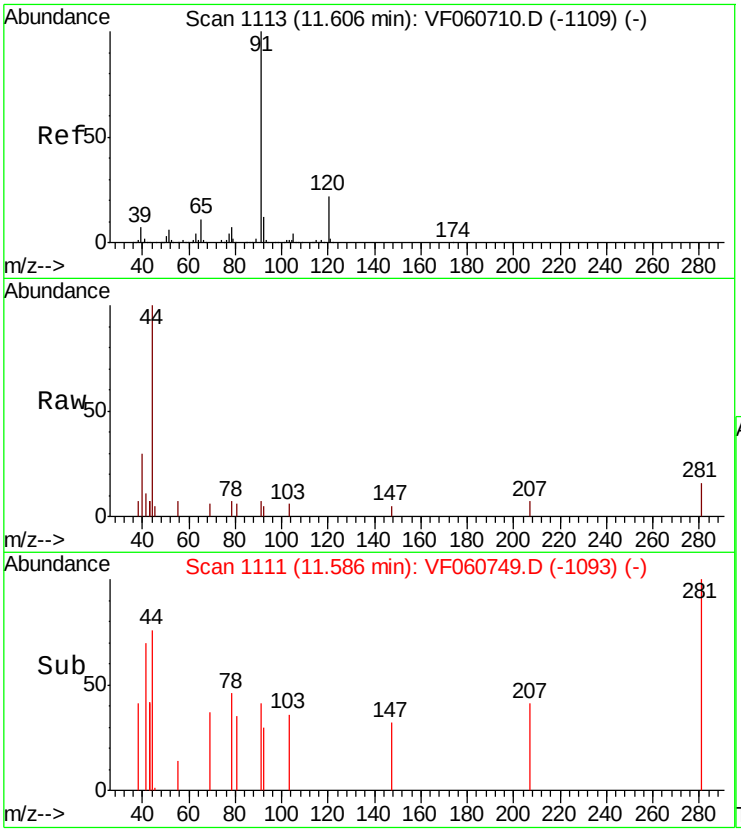


#76
1,2,3-Trichloropropane
Concen: 83.804 ug/l
RT: 11.85 min Scan# 1138
Delta R.T. 0.05 min
Lab File: VF060749.D
Acq: 15 Nov 2018 16:22

Tgt Ion: 75 Resp: 82

Ion	Ratio	Lower	Upper
75	100		
77	106.5	17.0	51.0#



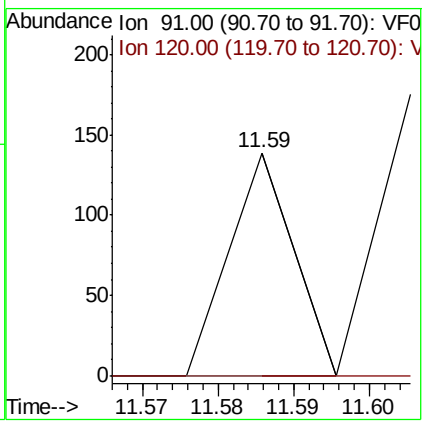


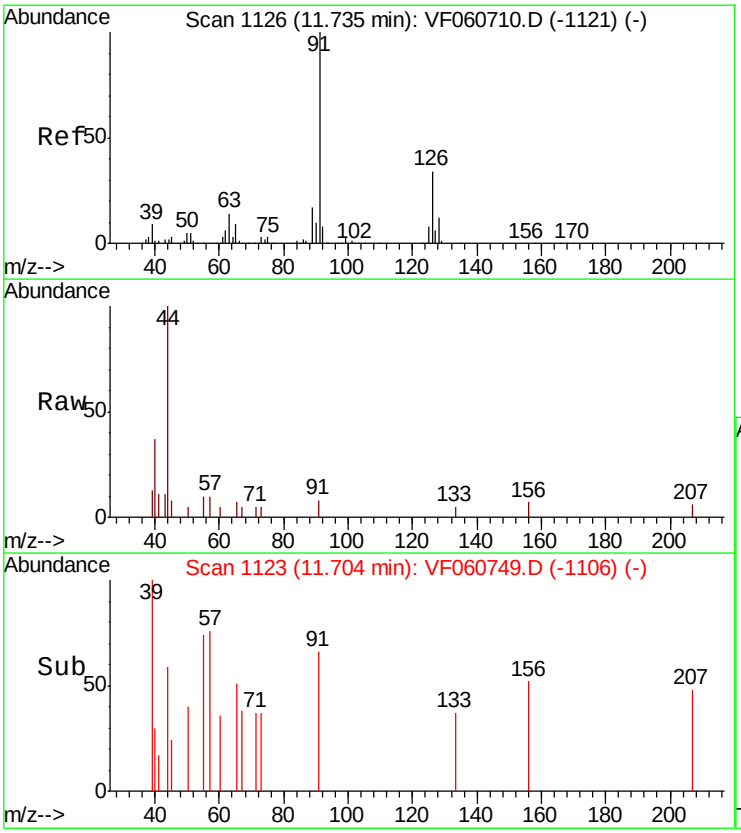
#78
n-propylbenzene
Concen: 8.823 ug/l
RT: 11.59 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VF060749.D
Acq: 15 Nov 2018 16:22

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 91 Resp: 82

Ion	Ratio	Lower	Upper
91	100		
120	0.0	11.2	33.5#

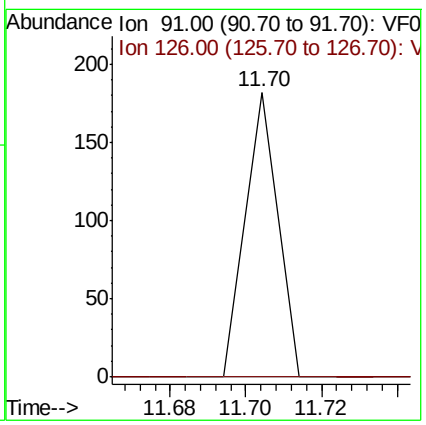


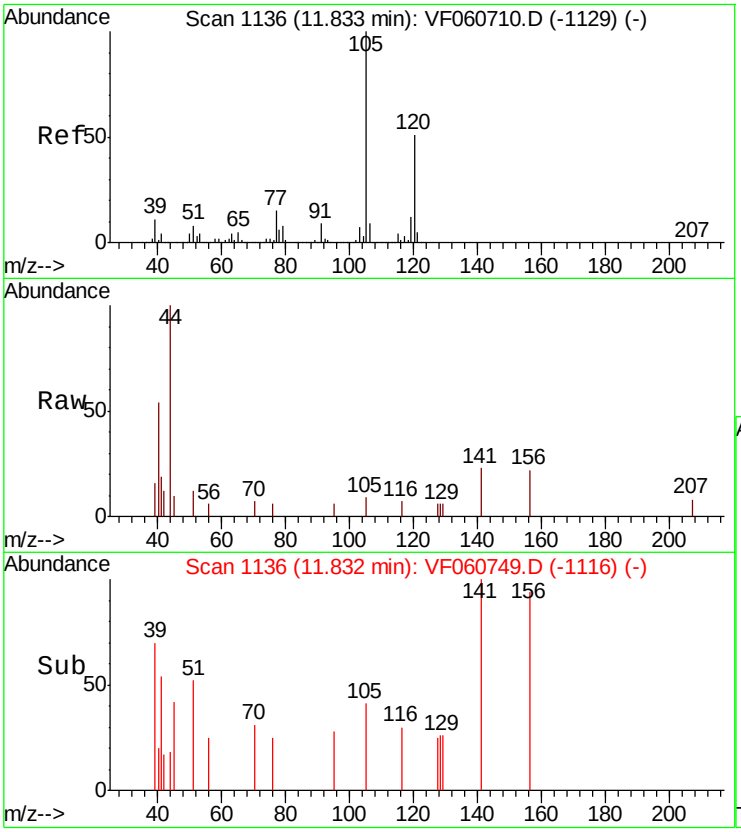


#79
2-Chlorotoluene
Concen: 19.994 ug/l
RT: 11.70 min Scan# 1123
Delta R.T. -0.03 min
Lab File: VF060749.D
Acq: 15 Nov 2018 16:22

Tgt Ion: 91 Resp: 108

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.8	50.4#



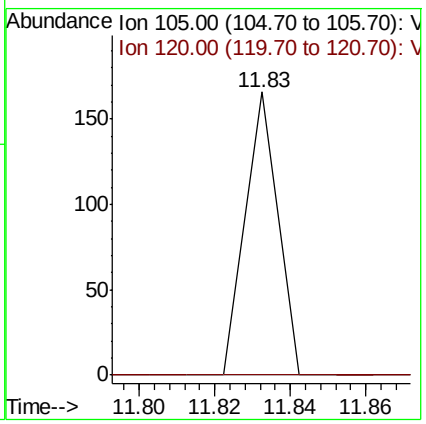


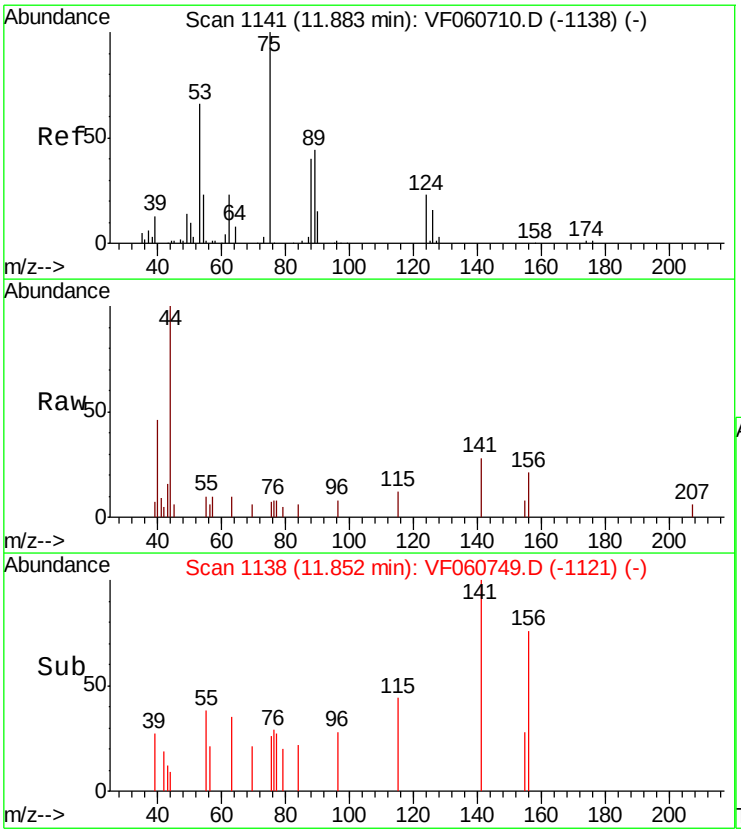
#80
1,3,5-Trimethylbenzene
Concen: 15.490 ug/l
RT: 11.83 min Scan# 1136
Delta R.T. -0.00 min
Lab File: VF060749.D
Acq: 15 Nov 2018 16:22

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 98

Ion	Ratio	Lower	Upper
105	100		
120	0.0	25.6	76.8#

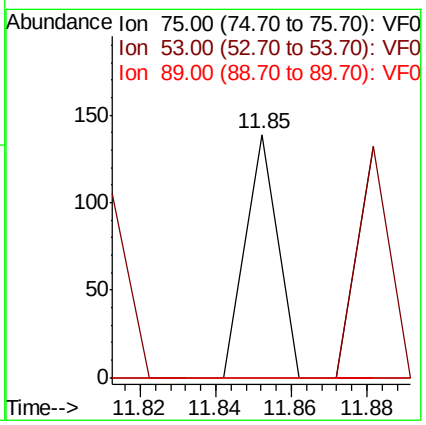


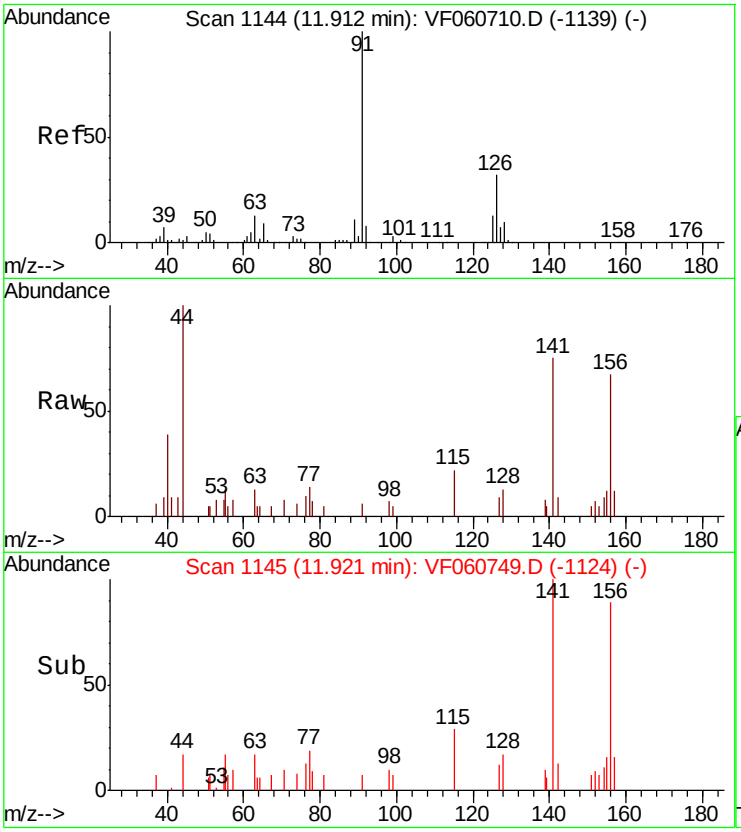


#81
trans-1,4-Dichloro-2-butene
Concen: 170.582 ug/l
RT: 11.85 min Scan# 1138
Delta R.T. -0.03 min
Lab File: VF060749.D
Acq: 15 Nov 2018 16:22

Tgt Ion: 75 Resp: 82

Ion	Ratio	Lower	Upper
75	100		
53	0.0	57.0	85.4#
89	0.0	37.8	56.8#



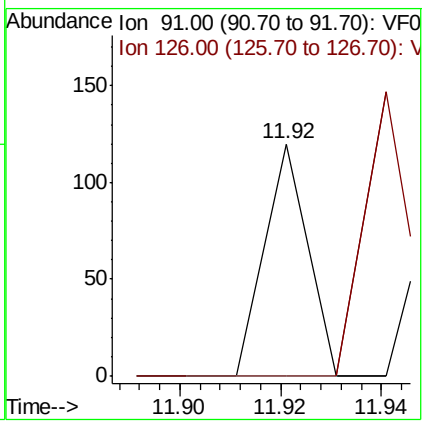


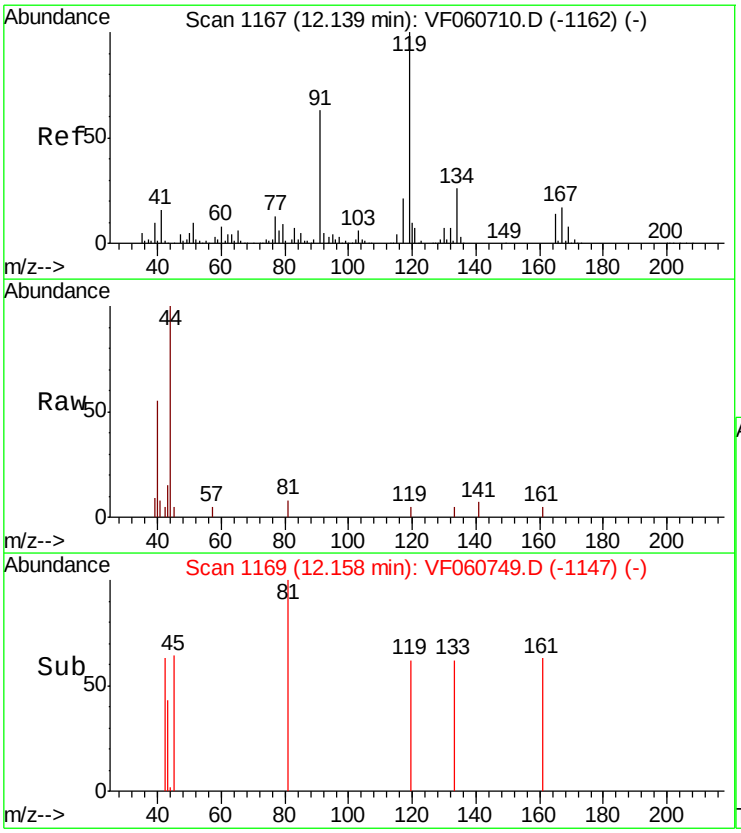
#82
4-Chlorotoluene
Concen: 12.830 ug/l
RT: 11.92 min Scan# 1145
Delta R.T. 0.01 min
Lab File: VF060749.D
Acq: 15 Nov 2018 16:22

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 91 Resp: 71

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.0	47.9#

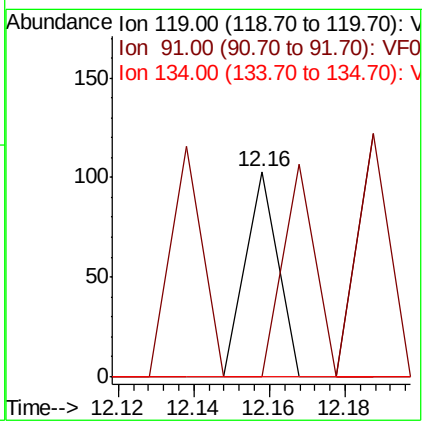


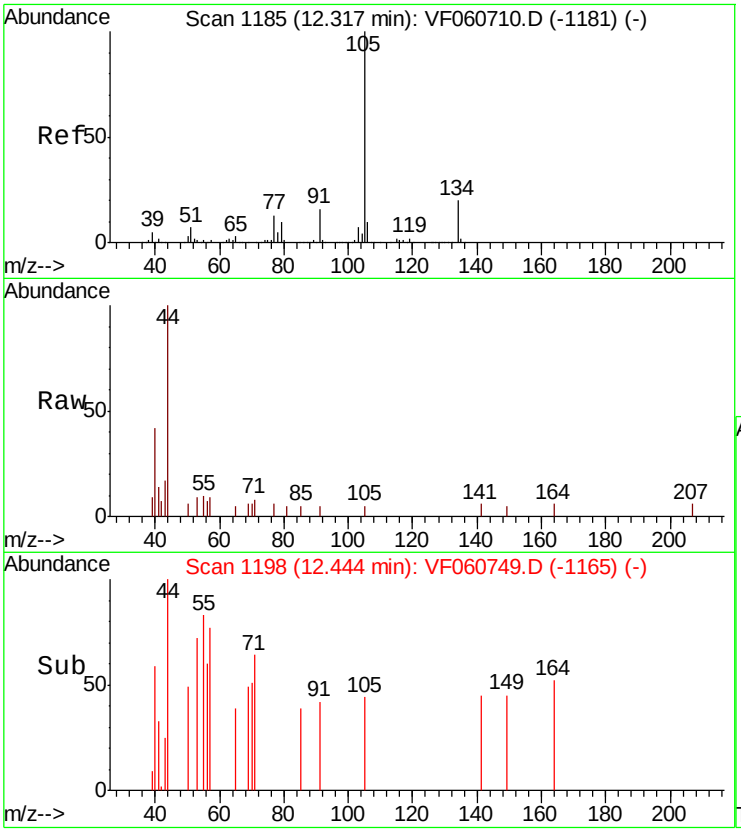


#83
tert-Butylbenzene
Concen: 9.081 ug/l
RT: 12.16 min Scan# 1169
Delta R.T. 0.02 min
Lab File: VF060749.D
Acq: 15 Nov 2018 16:22

Tgt Ion:119 Resp: 61

Ion	Ratio	Lower	Upper
119	100		
91	0.0	31.4	94.3#
134	0.0	12.8	38.4#



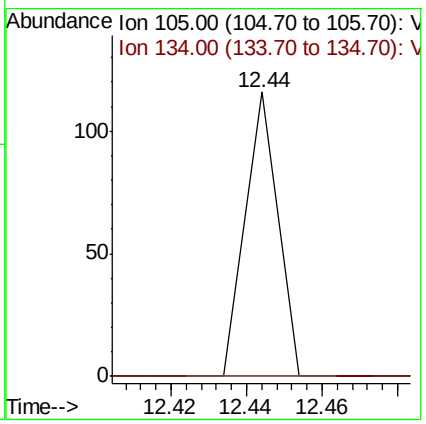


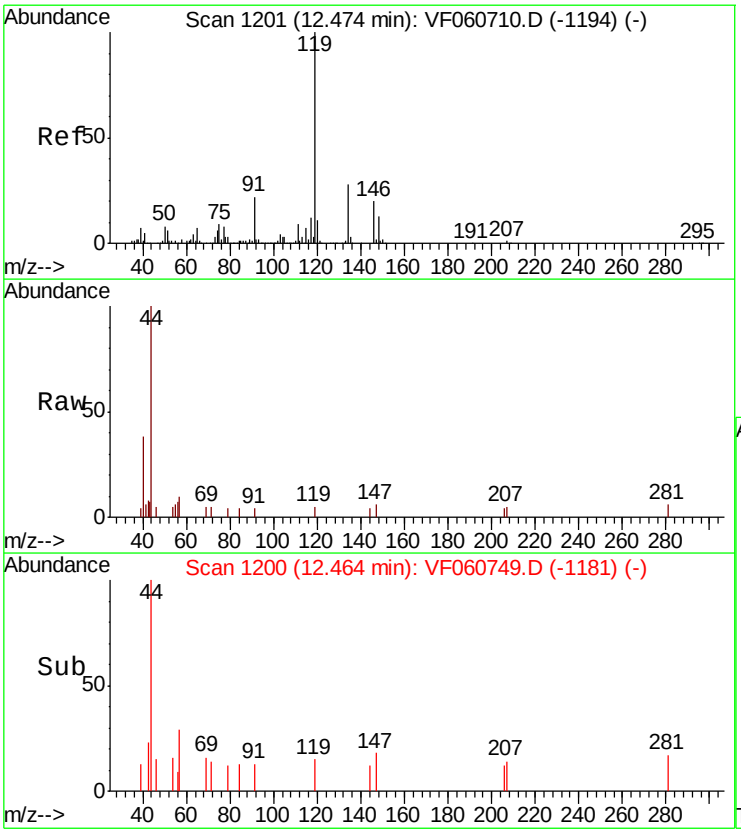
#85
sec-Butylbenzene
Concen: 7.572 ug/l
RT: 12.44 min Scan# 1198
Delta R.T. 0.13 min
Lab File: VF060749.D
Acq: 15 Nov 2018 16:22

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 69

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.1	30.3#

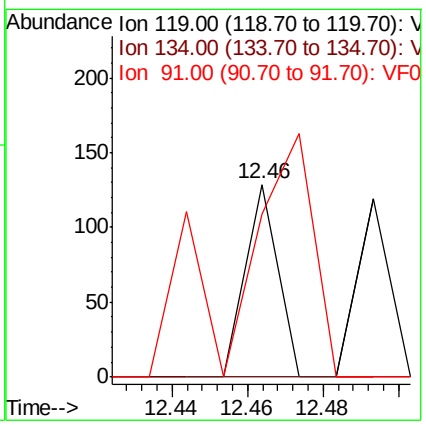


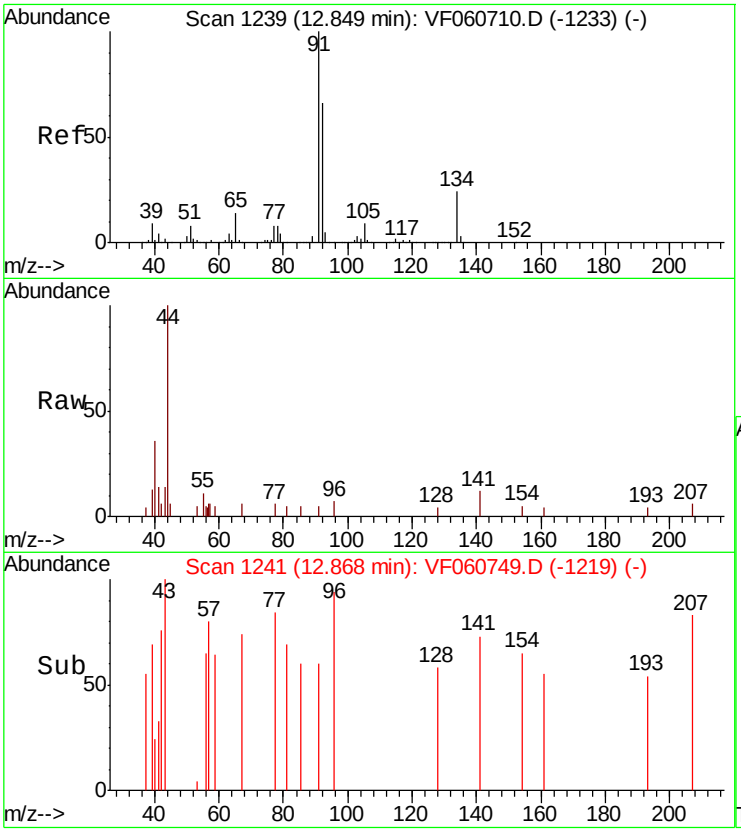


#86
p-Isopropyltoluene
Concen: 9.986 ug/l
RT: 12.46 min Scan# 1200
Delta R.T. -0.01 min
Lab File: VF060749.D
Acq: 15 Nov 2018 16:22

Tgt Ion:119 Resp: 76

Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.9	41.7#
91	84.5	11.3	33.9#



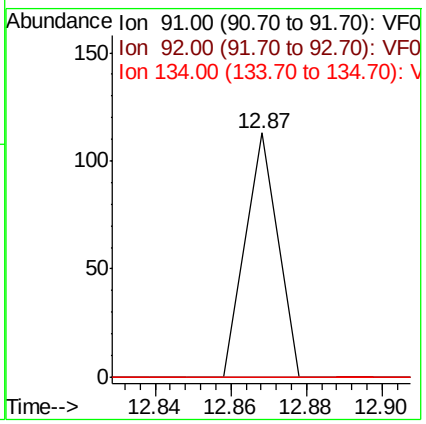


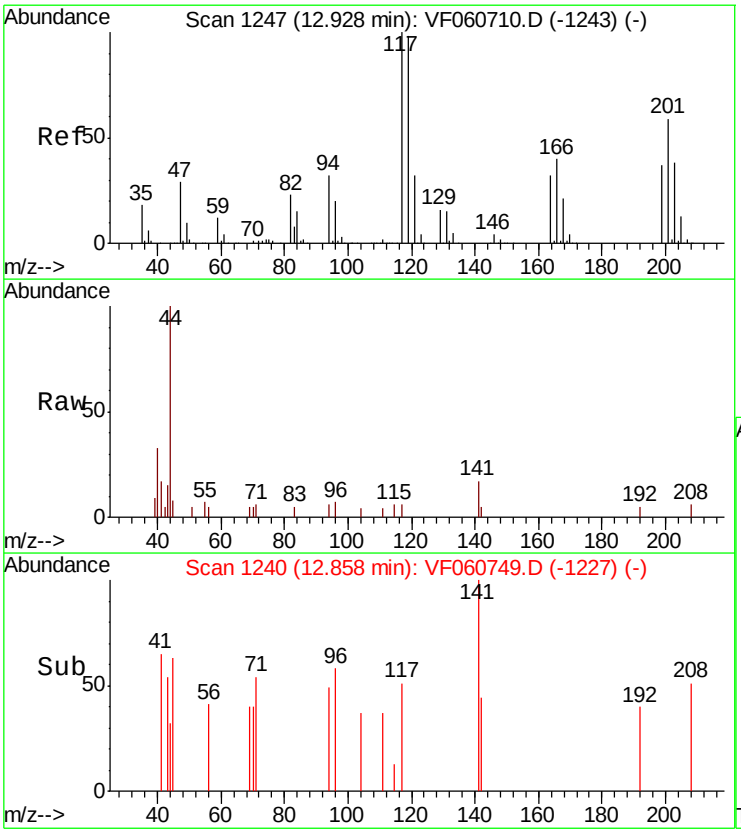
#89
n-Butylbenzene
Concen: 8.627 ug/l
RT: 12.87 min Scan# 1241
Delta R.T. 0.02 min
Lab File: VF060749.D
Acq: 15 Nov 2018 16:22

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 91 Resp: 67

Ion	Ratio	Lower	Upper
91	100		
92	0.0	33.1	99.2#
134	0.0	11.9	35.9#

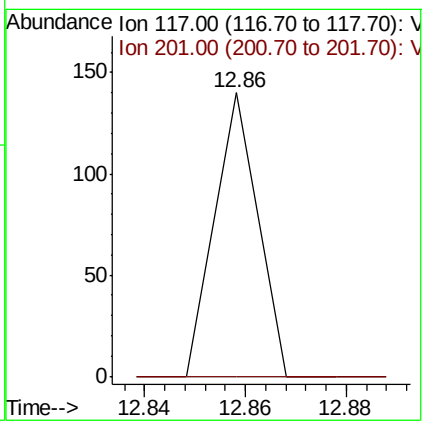


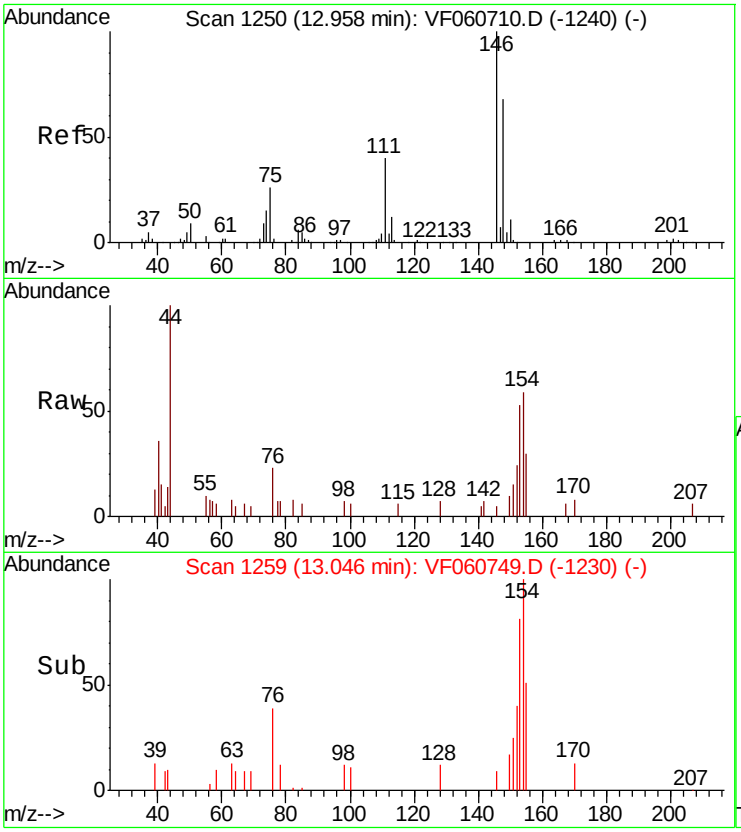


#90
Hexachloroethane
Concen: 44.589 ug/l
RT: 12.86 min Scan# 1240
Delta R.T. -0.07 min
Lab File: VF060749.D
Acq: 15 Nov 2018 16:22

Tgt Ion:117 Resp: 83

Ion	Ratio	Lower	Upper
117	100		
201	0.0	29.4	88.3#



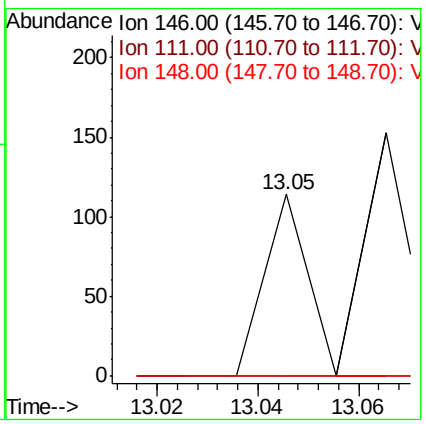


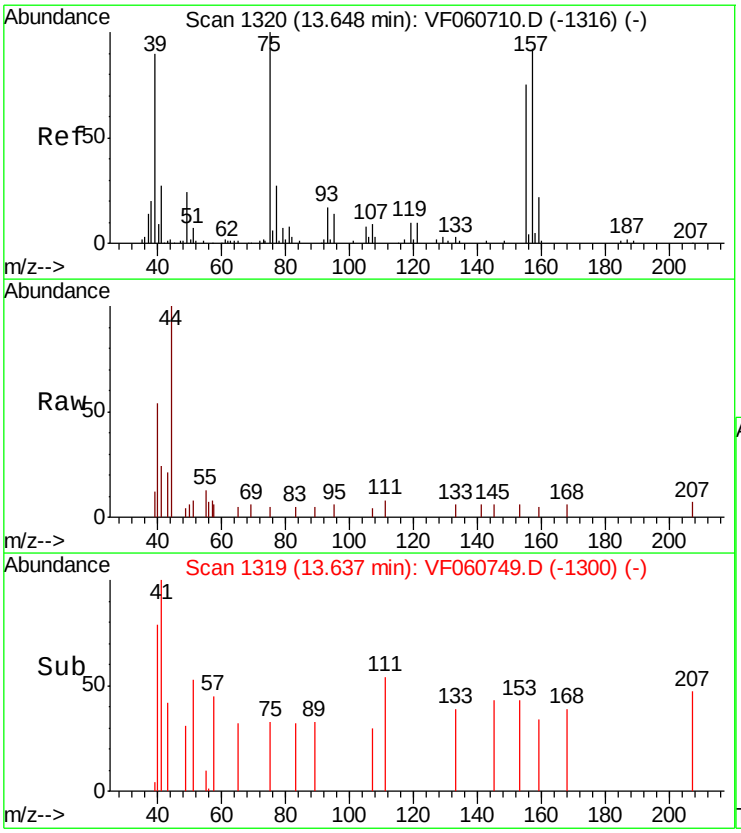
#91
1,2-Dichlorobenzene
Concen: 21.557 ug/l
RT: 13.05 min Scan# 1259
Delta R.T. 0.09 min
Lab File: VF060749.D
Acq: 15 Nov 2018 16:22

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:146 Resp: 67

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.3	60.8#
148	0.0	34.1	102.3#

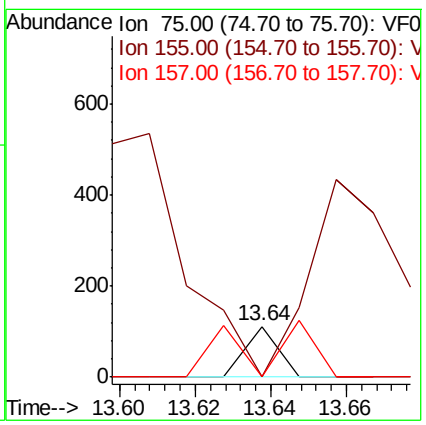


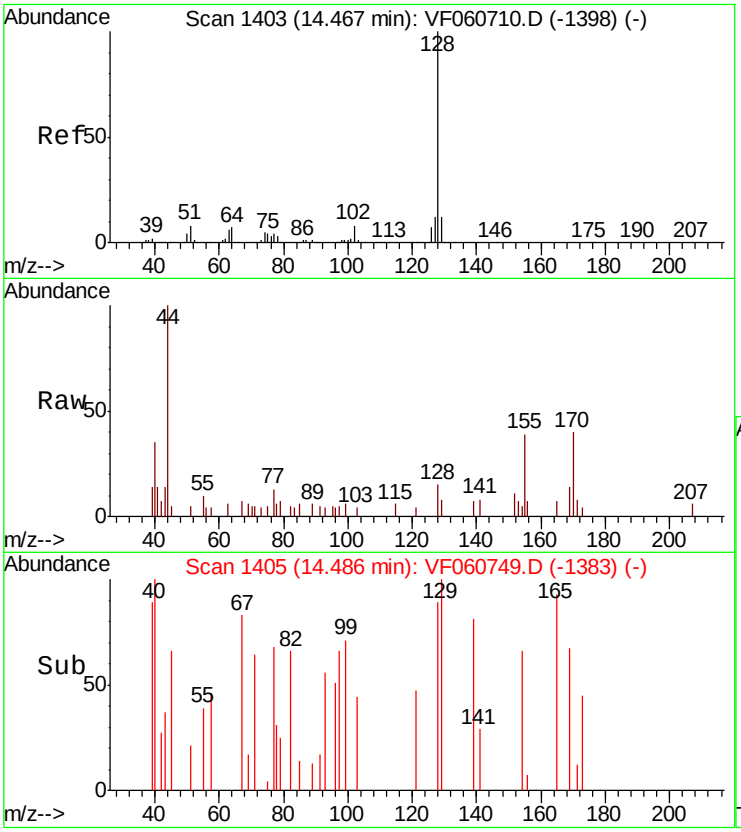


#92
1,2-Dibromo-3-Chloropropane
Concen: 266.533 ug/l
RT: 13.64 min Scan# 1319
Delta R.T. -0.01 min
Lab File: VF060749.D
Acq: 15 Nov 2018 16:22

Tgt Ion: 75 Resp: 66

Ion	Ratio	Lower	Upper
75	100		
155	0.0	37.4	112.2#
157	0.0	46.0	138.0#





#95
Naphthalene
Concen: 342.227 ug/l
RT: 14.49 min Scan# 1405
Delta R.T. 0.02 min
Lab File: VF060749.D
Acq: 15 Nov 2018 16:22

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:128 Resp: 1395

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.8	14.6#
129	54.0	9.3	13.9#