Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF010919\

Quantitation Report (Not Reviewed)

Data File : VF061305.D
Acq On : 9 Jan 2019 17:08
Operator : VA/AP
Sample : K1082-28
Misc : 4.36g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SP-1-2

Quant Time: Jan 10 05:56:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-4.87
34) 1,4-Difluorobenzene	5.58	114	63	50.00	ug/l	-0.03
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.79
72) 1,4-Dichlorobenzene-d4	12.46	152	72	50.00	ug/l	-0.09
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
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	0.00	95	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
37) Ethyl Acetate	4.09	43	493	1840.173	ug/l #	1
39) Methylcyclohexane	5.44	83	79	85.820	ug/l #	15
40) Benzene	4.73	78	60	34.933	ug/l #	51
41) Methacrylonitrile	4.71	41	259	1731.164	ug/l #	24
43) Isopropyl Acetate	6.92	43	108	305.340	ug/l #	45
47) Bromodichloromethane	6.22	83	82	122.946	ug/l #	25
48) Methyl methacrylate	6.69	41	138	601.081	ug/l #	21
51) 4-Methyl-2-Pentanone	8.24	43	131	490.682	ug/l #	38
53) t-1,3-Dichloropropene	8.21	75	63	120.280	ug/l #	44
56) Ethyl methacrylate	8.65	69	65	188.260	ug/l #	20
59) 2-Hexanone	9.46	43	169	893.524	ug/l #	27
74) N-amyl acetate	11.40	43	311	215.942	ug/l #	48
76) 1,2,3-Trichloropropane	11.77	75	104	141.156	ug/l #	40
78) n-propylbenzene	11.67	91	86	11.385	ug/l #	55
79) 2-Chlorotoluene	11.67	91	86	20.434	ug/l #	41
81) trans-1,4-Dichloro-2-buten	11.77	75	104	323.014	ug/l #	17
82) 4-Chlorotoluene	11.86	91	60	14.030	ug/l #	42
86) p-Isopropyltoluene	12.41	119	67	11.518	ug/l #	50
89) n-Butylbenzene	12.79	91	61	10.206	ug/l #	27
92) 1,2-Dibromo-3-Chloropropan	13.79	75	86	506.683	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.48	180	85	55.812	ug/l #	13

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

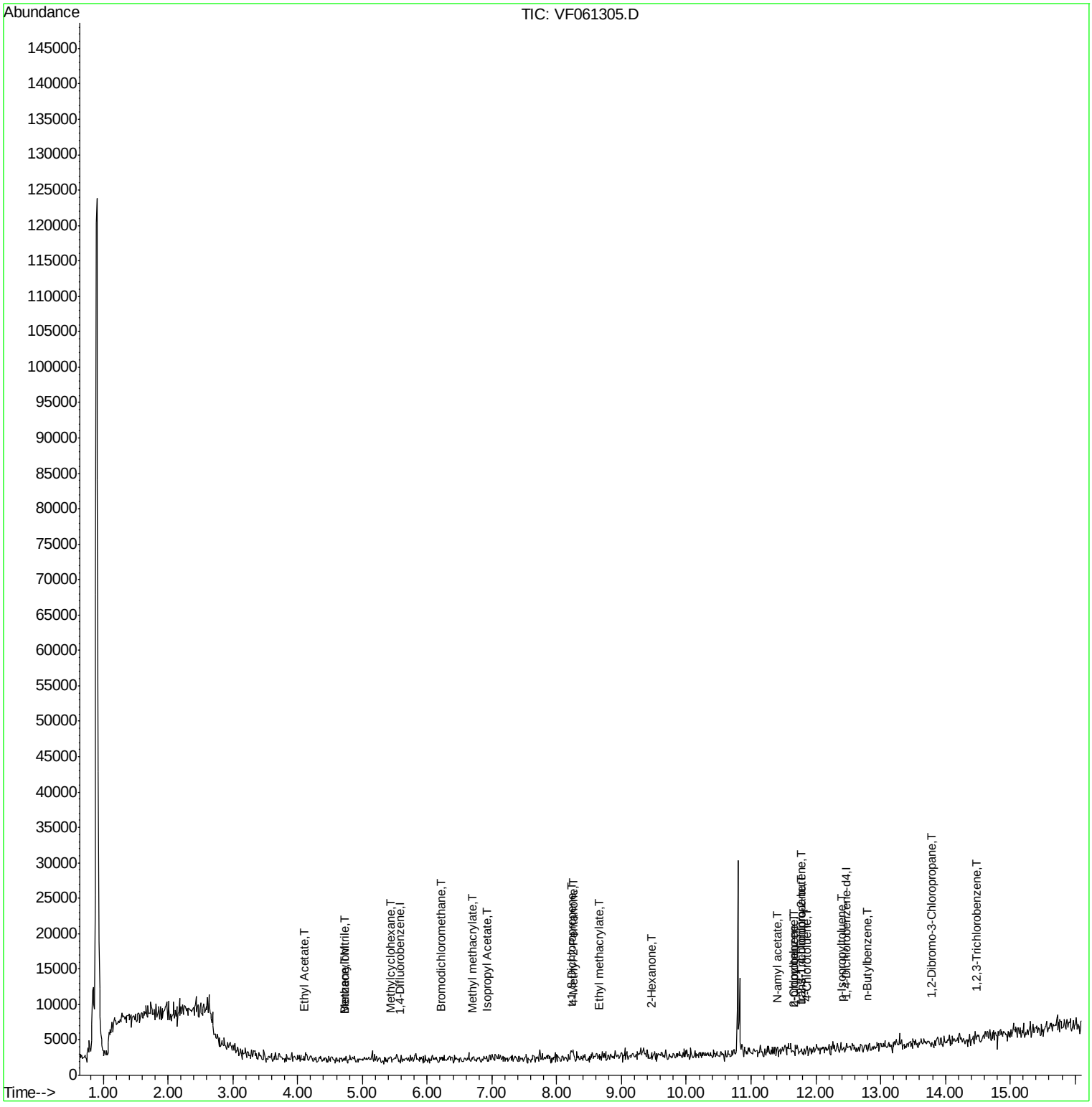
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF010919\

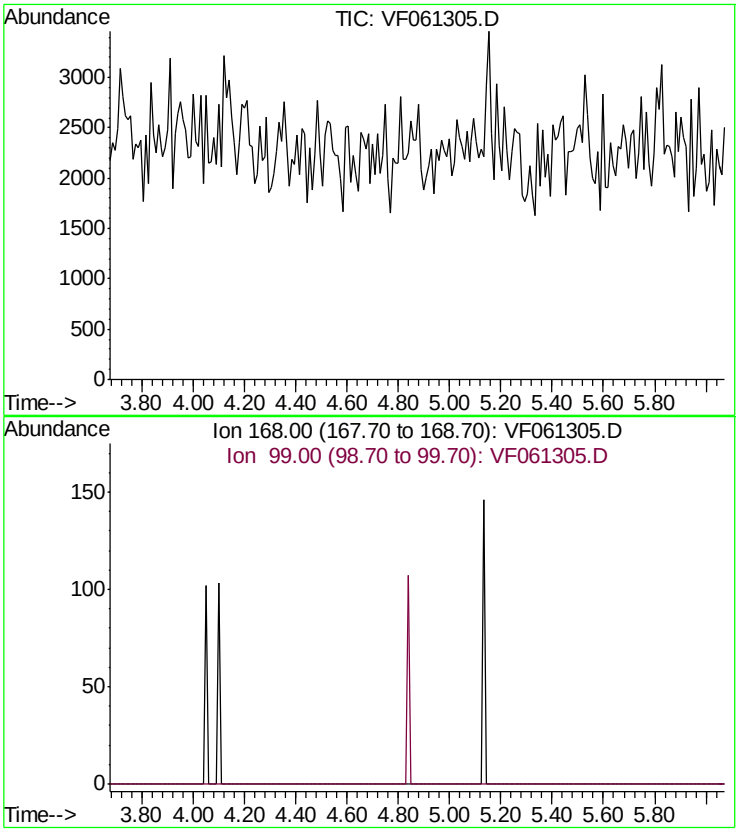
Quantitation Report (Not Reviewed)

Data File : VF061305.D
Acq On : 9 Jan 2019 17:08
Operator : VA/AP
Sample : K1082-28
Misc : 4.36g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SP-1-2

Quant Time: Jan 10 05:56:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration





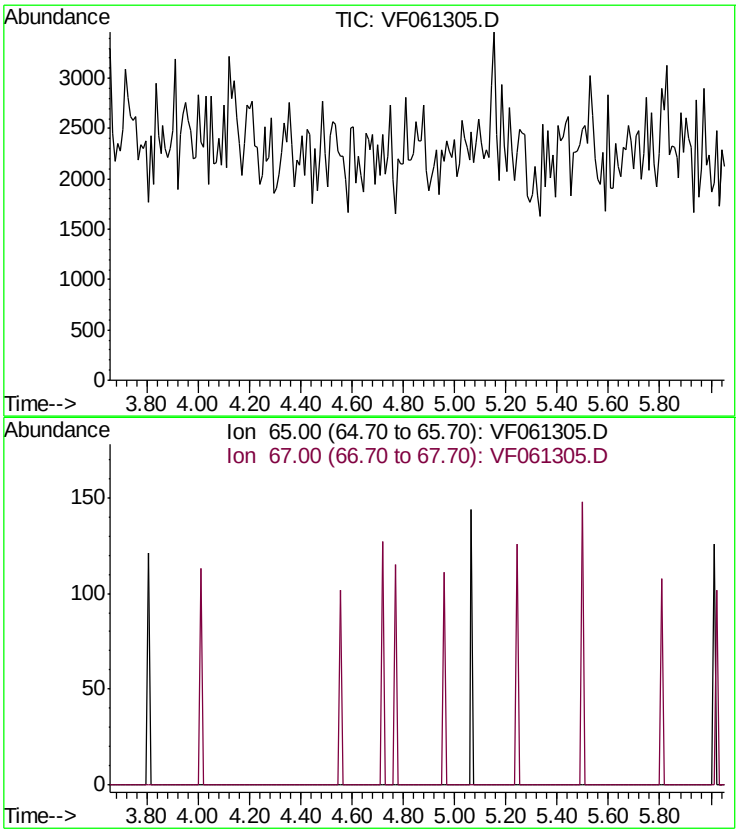
#1
Pentafluorobenzene
Concen: 0.000 ug/l
Expected RT: 4.87 min

Lab File: VF061305.D
Acq: 9 Jan 2019 17:08

Tgt Ion: 168

Sig	Exp Ratio
168	100
99	65.9

Instrument :
MSVOA_F
ClientSampleId :
SP-1-2

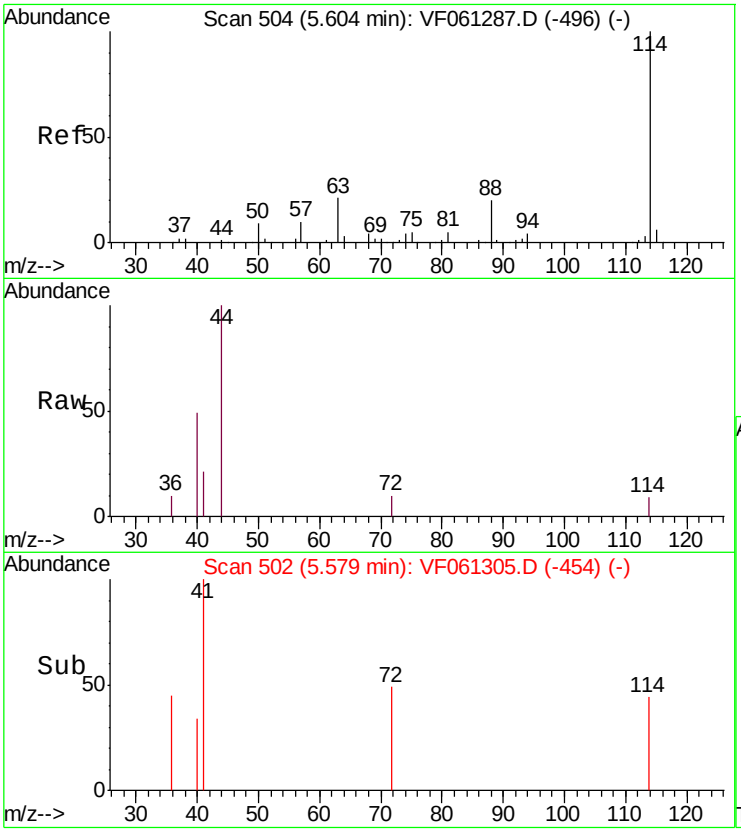


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 4.85 min

Lab File: VF061305.D
Acq: 9 Jan 2019 17:08

Tgt Ion: 65

Sig	Exp Ratio
65	100
67	49.1

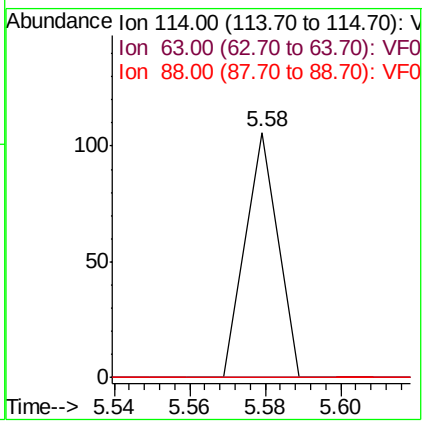


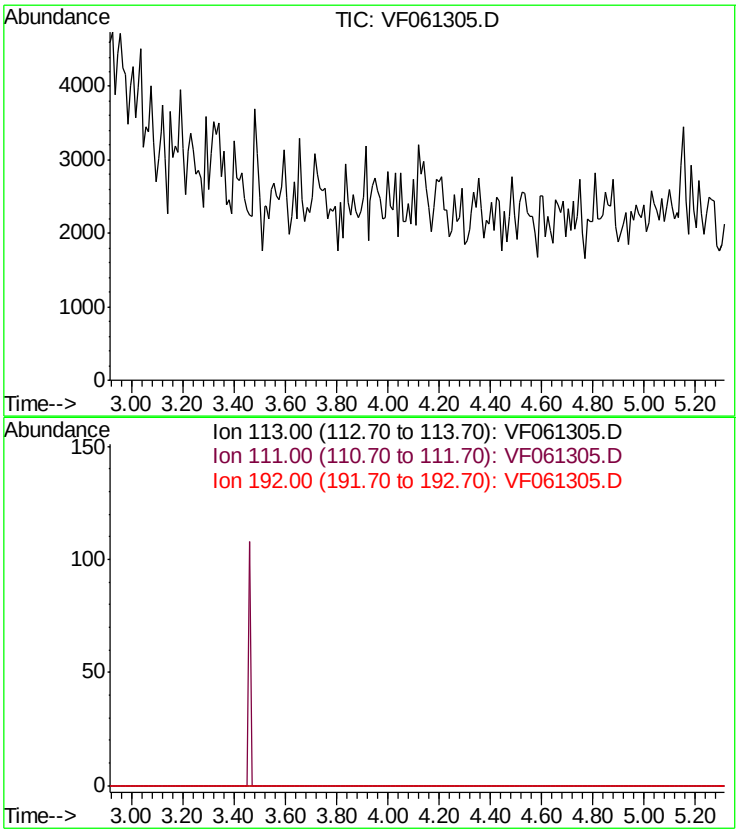
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.03 min
Lab File: VF061305.D
Acq: 9 Jan 2019 17:08

Instrument :
MSVOA_F
ClientSampleId :
SP-1-2

Tgt Ion:114 Resp: 63

Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	42.8
88	0.0	0.0	40.0



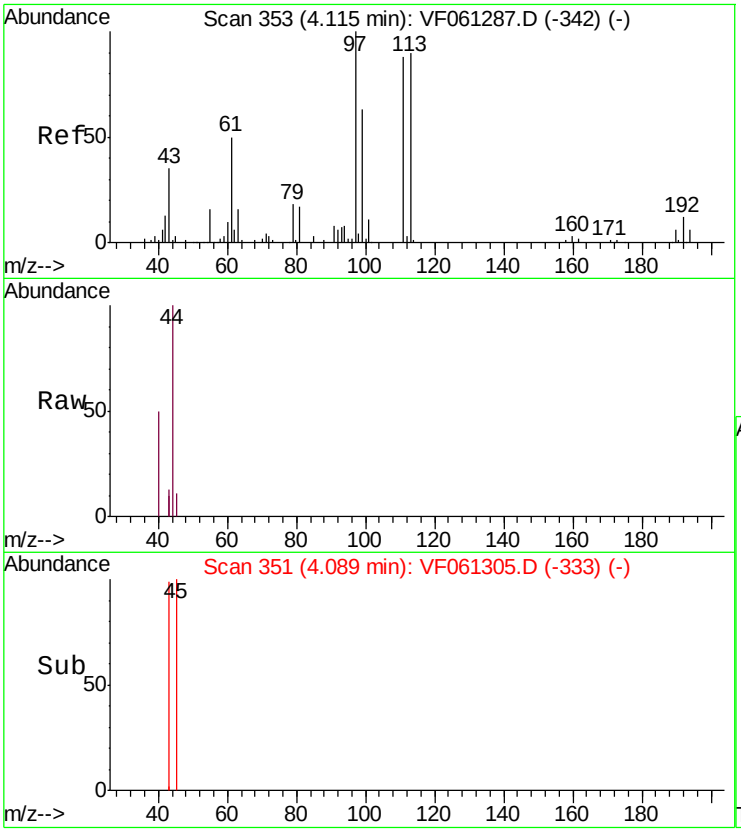


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 4.11 min

Lab File: VF061305.D
Acq: 9 Jan 2019 17:08

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	97.5
192	13.3

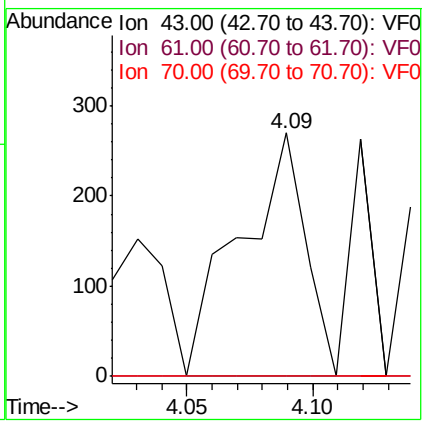


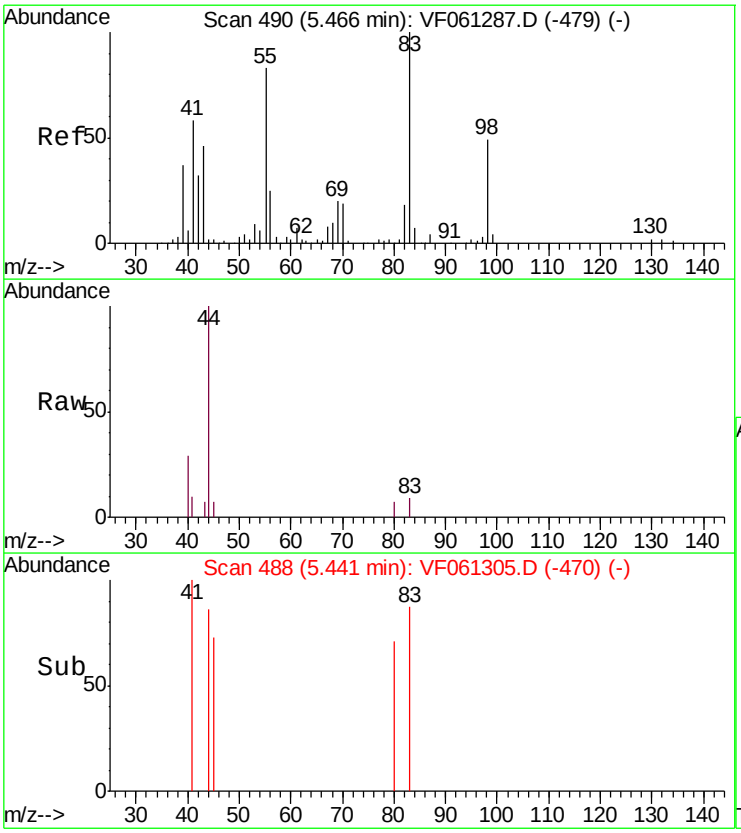
#37
Ethyl Acetate
Concen: 1840.173 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.03 min
Lab File: VF061305.D
Acq: 9 Jan 2019 17:08

Instrument :
MSVOA_F
ClientSampleId :
SP-1-2

Tgt Ion: 43 Resp: 493

Ion	Ratio	Lower	Upper
43	100		
61	0.0	113.3	169.9#
70	0.0	9.4	14.0#

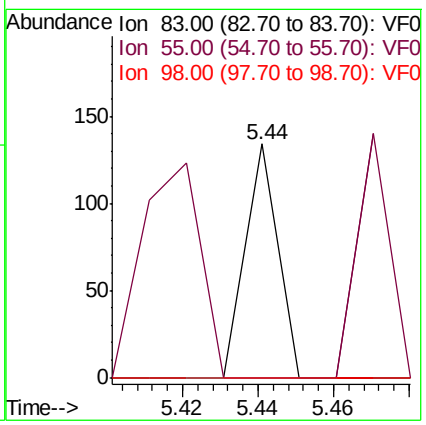


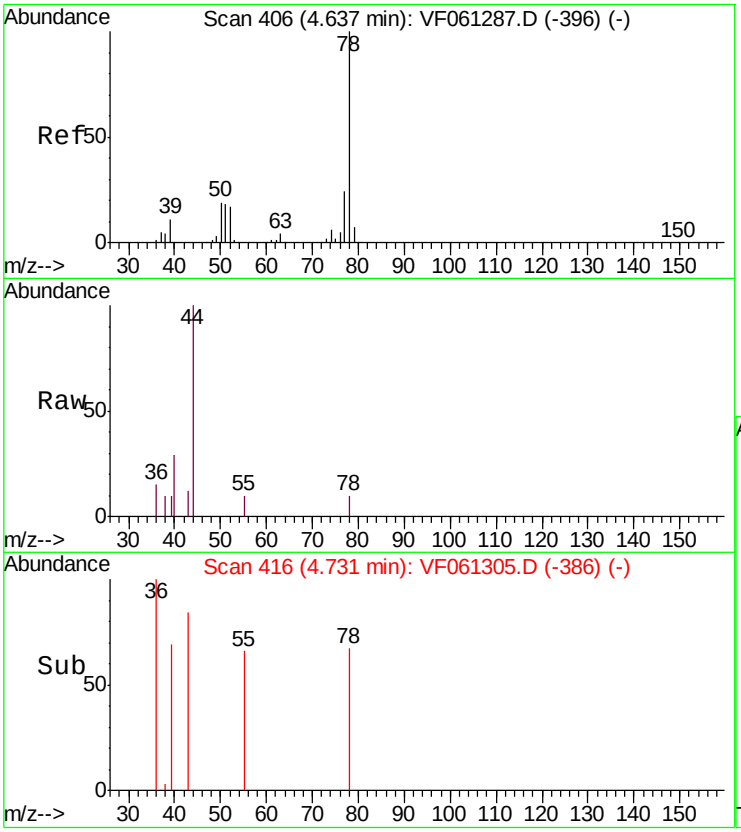


#39
Methylcyclohexane
Concen: 85.820 ug/l
RT: 5.44 min Scan# 488
Delta R.T. -0.03 min
Lab File: VF061305.D
Acq: 9 Jan 2019 17:08

Tgt Ion: 83 Resp: 79

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.4	99.6#
98	0.0	39.1	58.7#



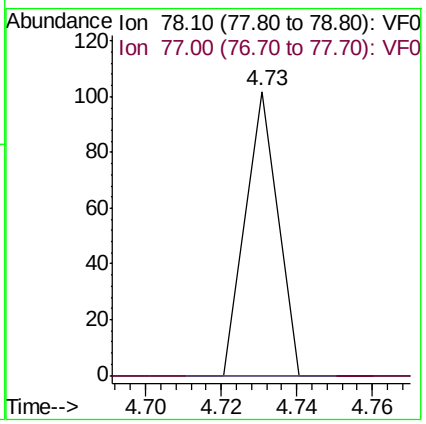


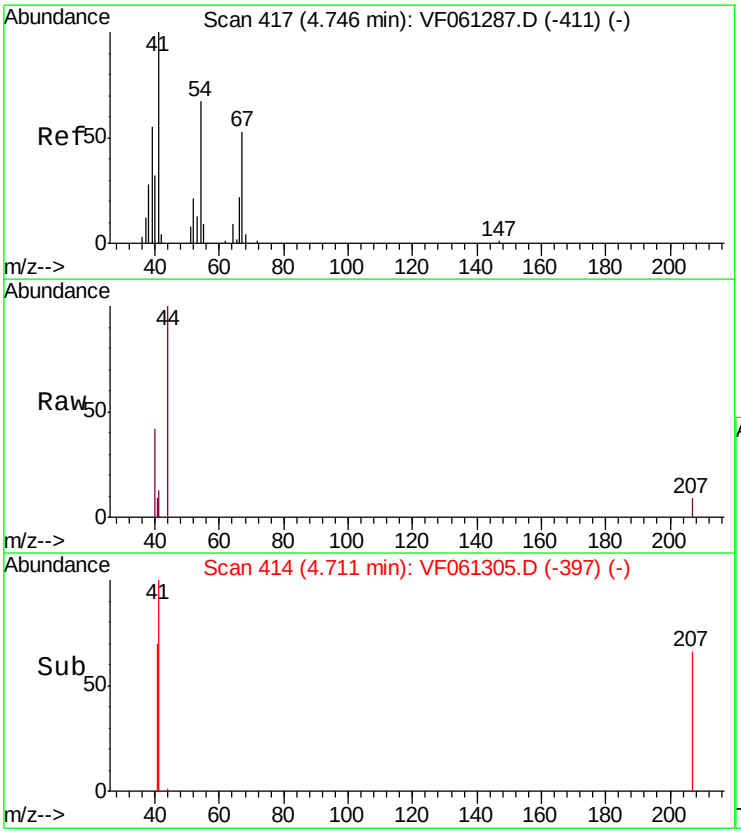
#40
Benzene
Concen: 34.933 ug/l
RT: 4.73 min Scan# 416
Delta R.T. 0.09 min
Lab File: VF061305.D
Acq: 9 Jan 2019 17:08

Instrument :
MSVOA_F
ClientSampleId :
SP-1-2

Tgt Ion: 78 Resp: 60

Ion	Ratio	Lower	Upper
78	100		
77	0.0	19.1	28.7#

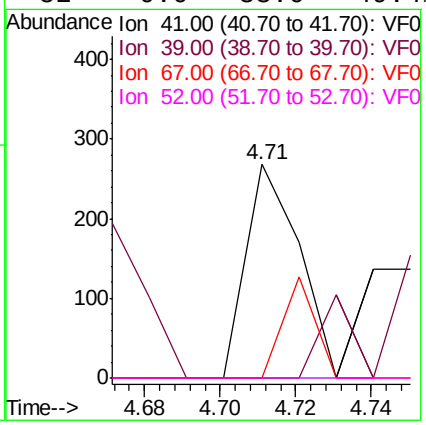


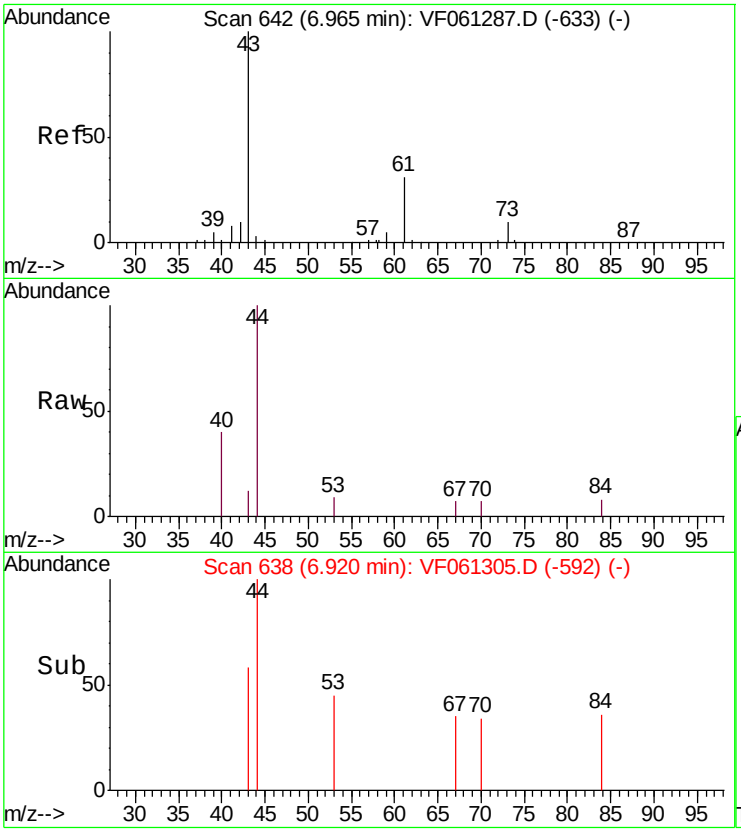


#41
Methacrylonitrile
Concen: 1731.164 ug/l
RT: 4.71 min Scan# 414
Delta R.T. -0.04 min
Lab File: VF061305.D
Acq: 9 Jan 2019 17:08

Tgt Ion: 41 Resp: 259

Ion	Ratio	Lower	Upper
41	100		
39	0.0	52.7	79.1#
67	0.0	41.4	62.2#
52	0.0	33.0	49.4#



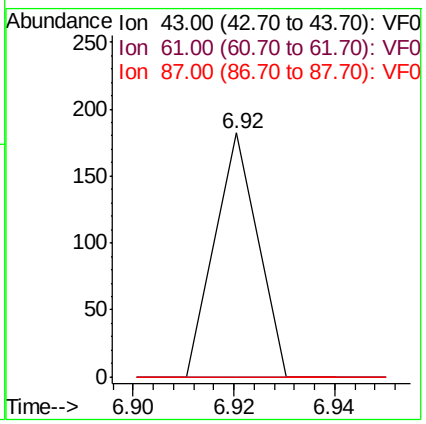


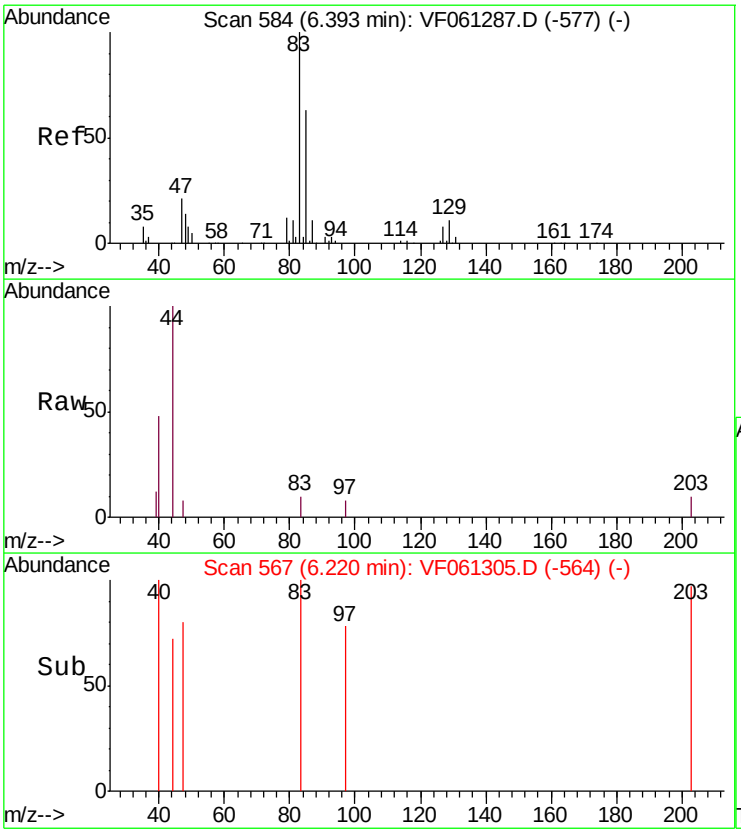
#43
Isopropyl Acetate
Concen: 305.340 ug/l
RT: 6.92 min Scan# 638
Delta R.T. -0.04 min
Lab File: VF061305.D
Acq: 9 Jan 2019 17:08

Instrument : MSVOA_F
ClientSampleId : SP-1-2

Tgt Ion: 43 Resp: 108

Ion	Ratio	Lower	Upper
43	100		
61	0.0	24.3	36.5#
87	0.0	0.2	0.4#

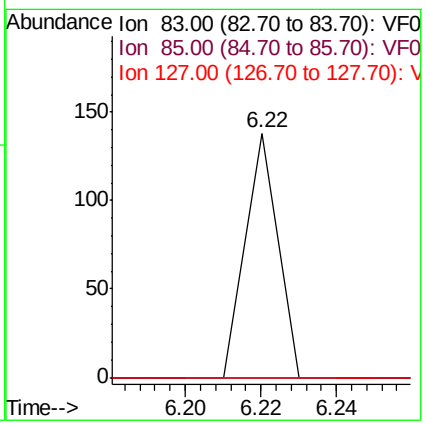


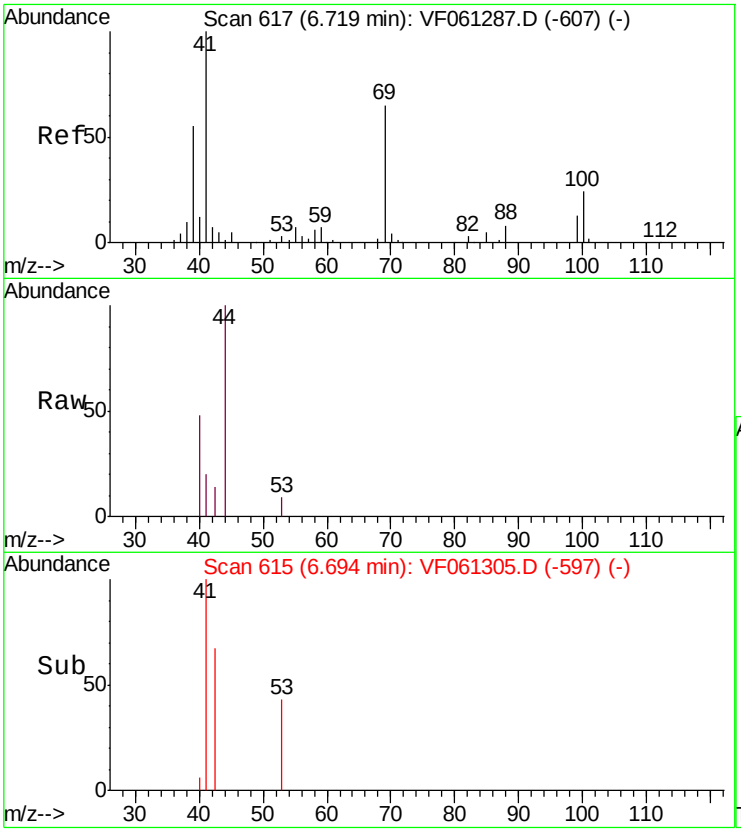


#47
Bromodichloromethane
Concen: 122.946 ug/l
RT: 6.22 min Scan# 567
Delta R.T. -0.17 min
Lab File: VF061305.D
Acq: 9 Jan 2019 17:08

Tgt Ion: 83 Resp: 82

Ion	Ratio	Lower	Upper
83	100		
85	0.0	50.4	75.6#
127	0.0	6.4	9.6#



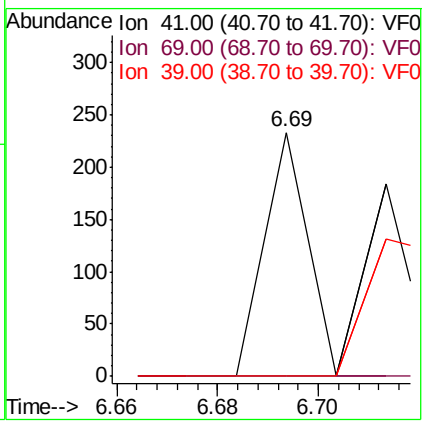


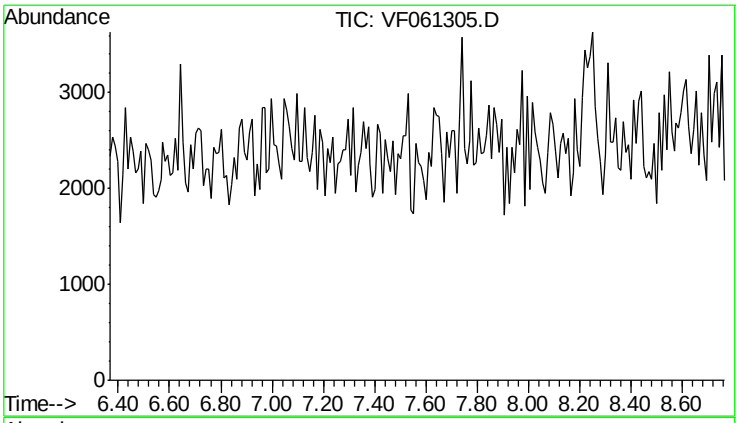
#48
Methyl methacrylate
Concen: 601.081 ug/l
RT: 6.69 min Scan# 615
Delta R.T. -0.03 min
Lab File: VF061305.D
Acq: 9 Jan 2019 17:08

Instrument :
MSVOA_F
ClientSampleId :
SP-1-2

Tgt Ion: 41 Resp: 138

Ion	Ratio	Lower	Upper
41	100		
69	0.0	51.5	77.3#
39	0.0	44.1	66.1#



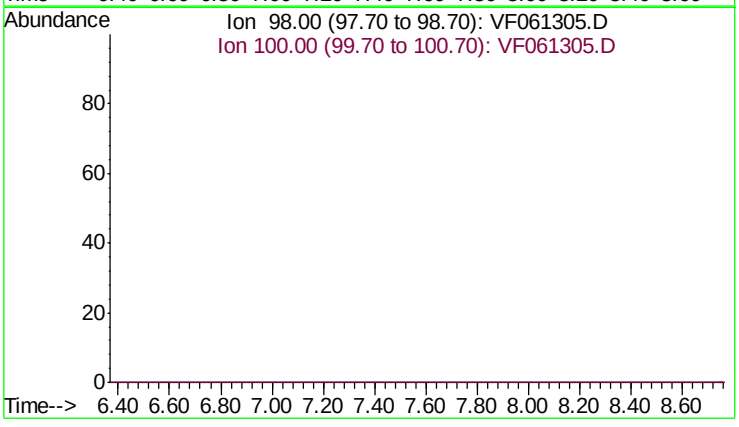


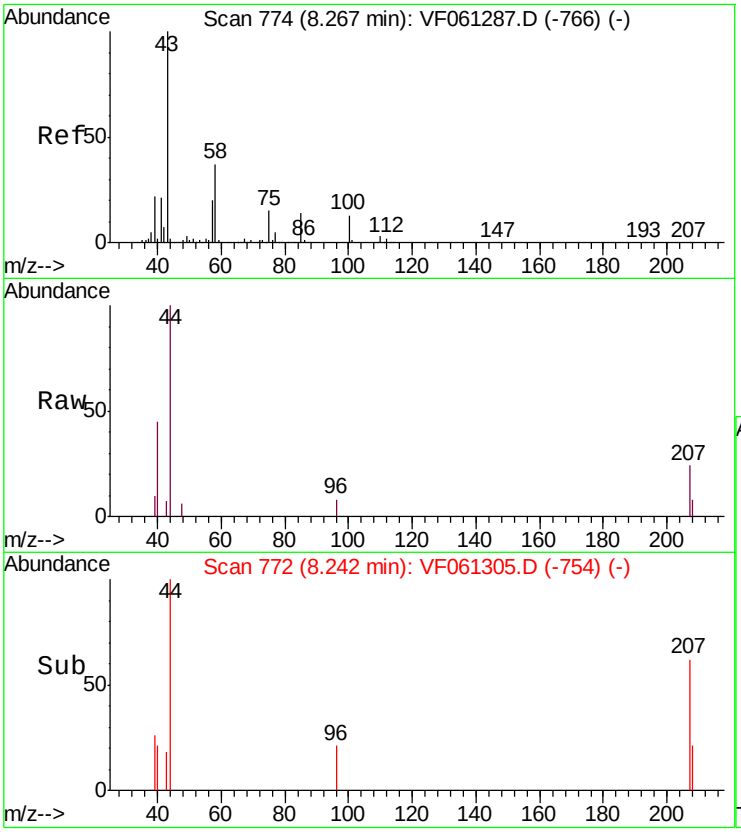
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 7.57 min

Lab File: VF061305.D
Acq: 9 Jan 2019 17:08

Tgt Ion: 98

Sig	Exp Ratio
98	100
100	69.5



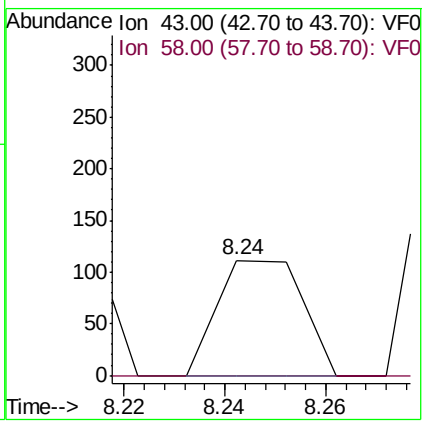


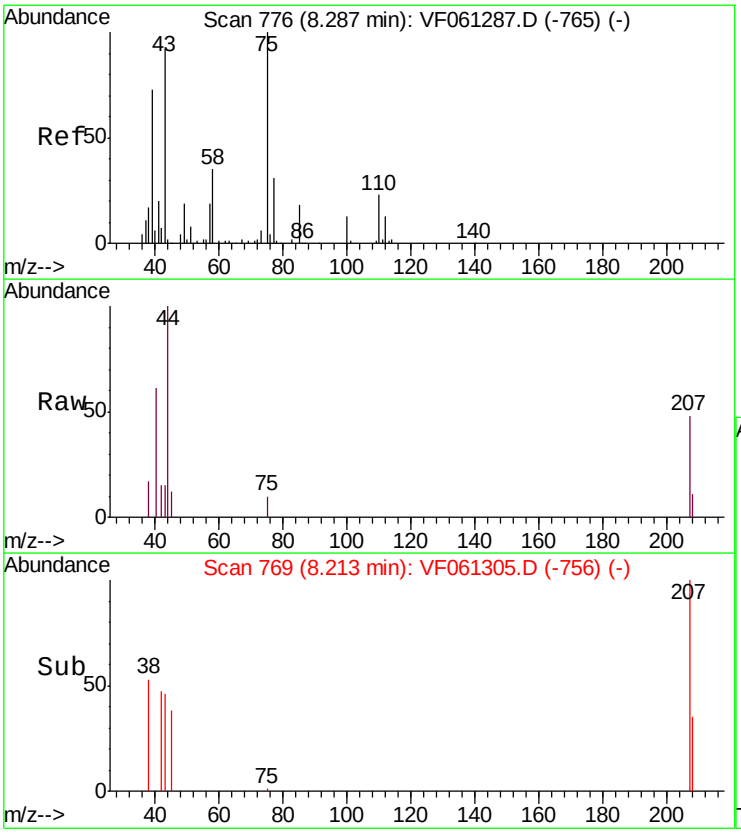
#51
4-Methyl-2-Pentanone
Concen: 490.682 ug/l
RT: 8.24 min Scan# 772
Delta R.T. -0.03 min
Lab File: VF061305.D
Acq: 9 Jan 2019 17:08

Instrument :
MSVOA_F
ClientSampleId :
SP-1-2

Tgt Ion: 43 Resp: 131

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.6	44.4#

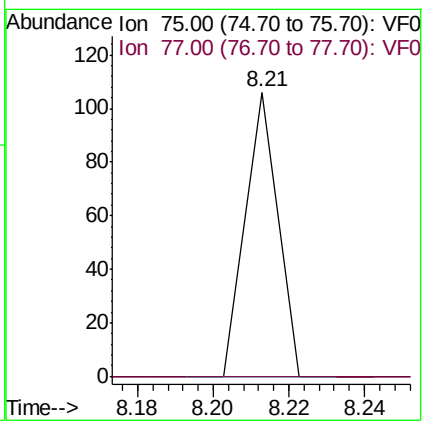


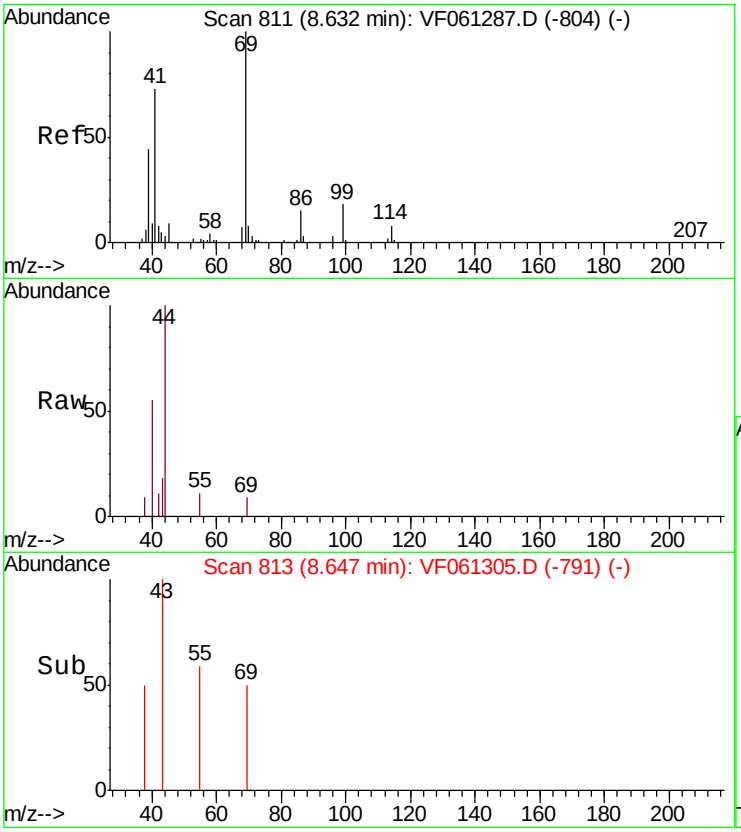


#53
t-1,3-Dichloropropene
Concen: 120.280 ug/l
RT: 8.21 min Scan# 769
Delta R.T. -0.07 min
Lab File: VF061305.D
Acq: 9 Jan 2019 17:08

Tgt Ion: 75 Resp: 63

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.7	37.1#



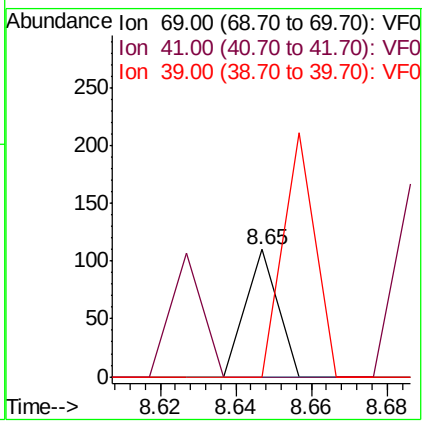


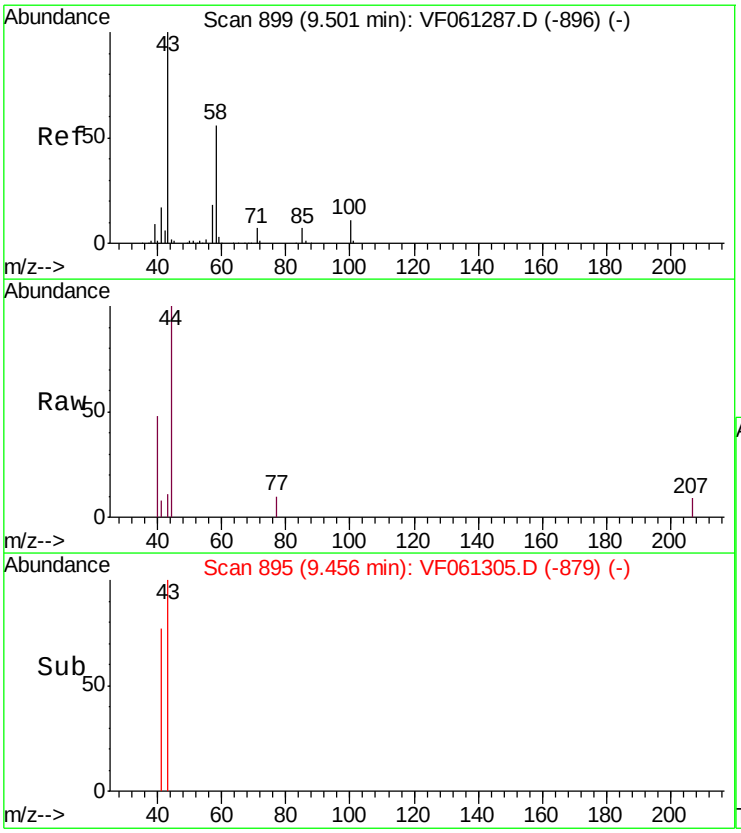
#56
Ethyl methacrylate
Concen: 188.260 ug/l
RT: 8.65 min Scan# 813
Delta R.T. 0.01 min
Lab File: VF061305.D
Acq: 9 Jan 2019 17:08

Instrument : MSVOA_F
ClientSampleId : SP-1-2

Tgt Ion: 69 Resp: 65

Ion	Ratio	Lower	Upper
69	100		
41	0.0	59.0	88.4#
39	0.0	35.3	52.9#

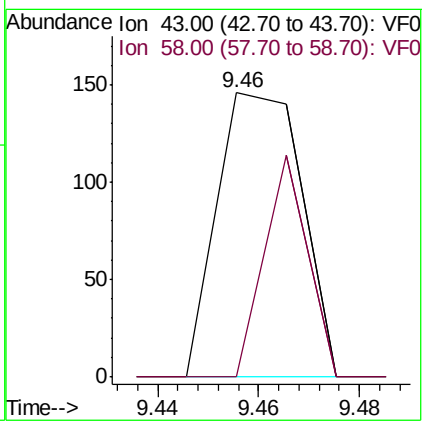


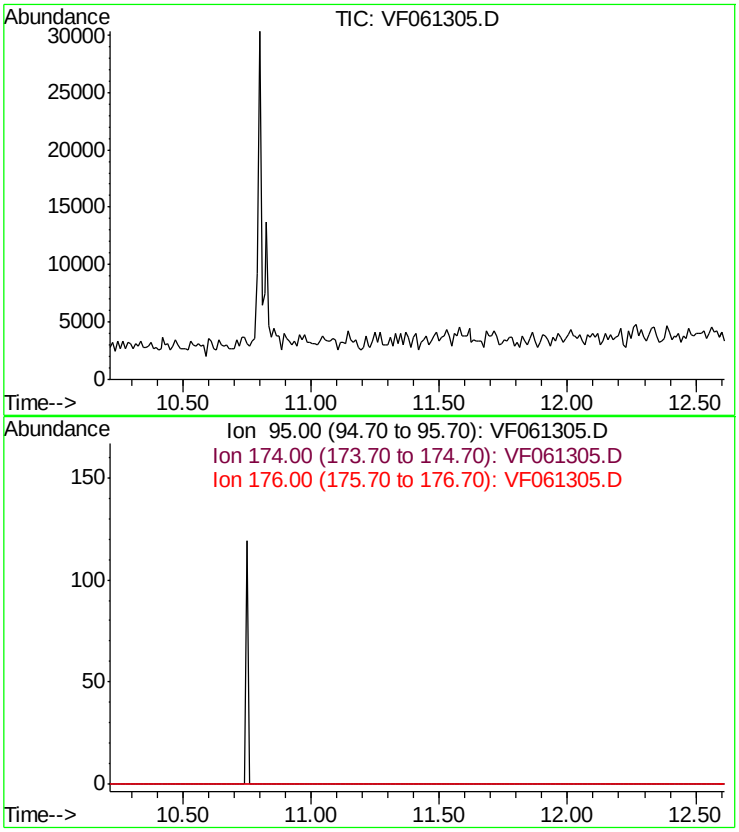


#59
2-Hexanone
Concen: 893.524 ug/l
RT: 9.46 min Scan# 895
Delta R.T. -0.04 min
Lab File: VF061305.D
Acq: 9 Jan 2019 17:08

Tgt Ion: 43 Resp: 169

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.6	76.8#





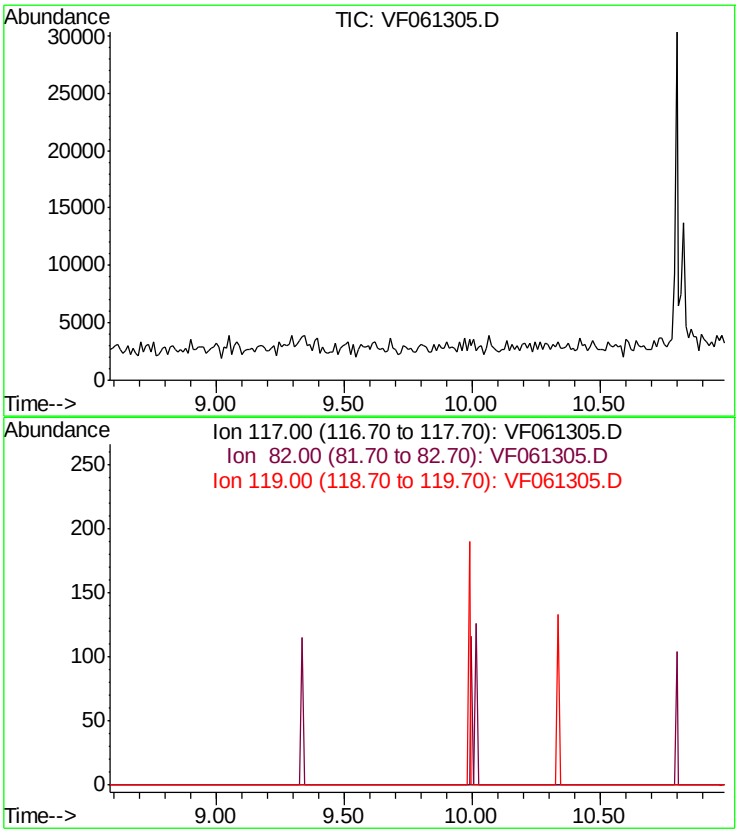
#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 11.41 min

Lab File: VF061305.D
Acq: 9 Jan 2019 17:08

Tgt Ion: 95

Sig	Exp Ratio
95	100
174	57.1
176	58.9

Instrument :
MSVOA_F
ClientSampleId :
SP-1-2

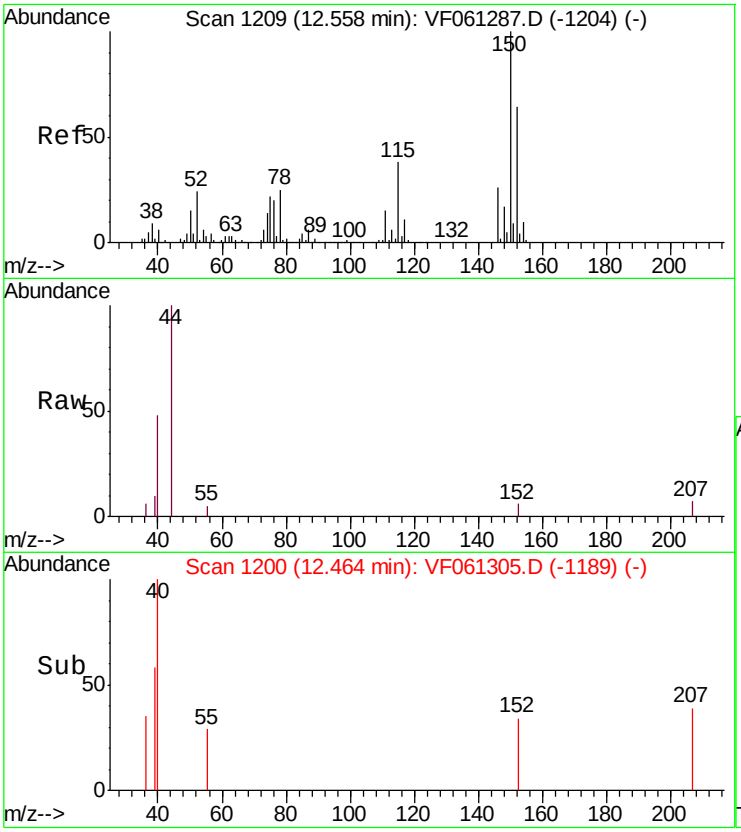


#63
Chlorobenzene-d5
Concen: 0.000 ug/l
Expected RT: 9.79 min

Lab File: VF061305.D
Acq: 9 Jan 2019 17:08

Tgt Ion: 117

Sig	Exp Ratio
117	100
82	56.6
119	31.7

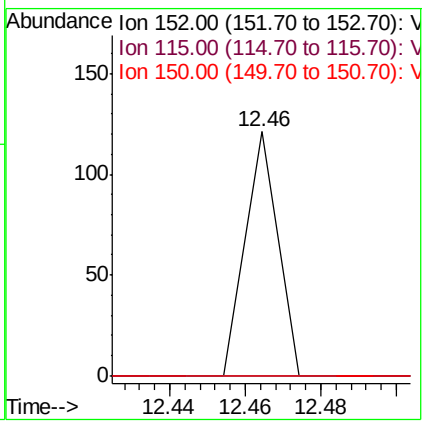


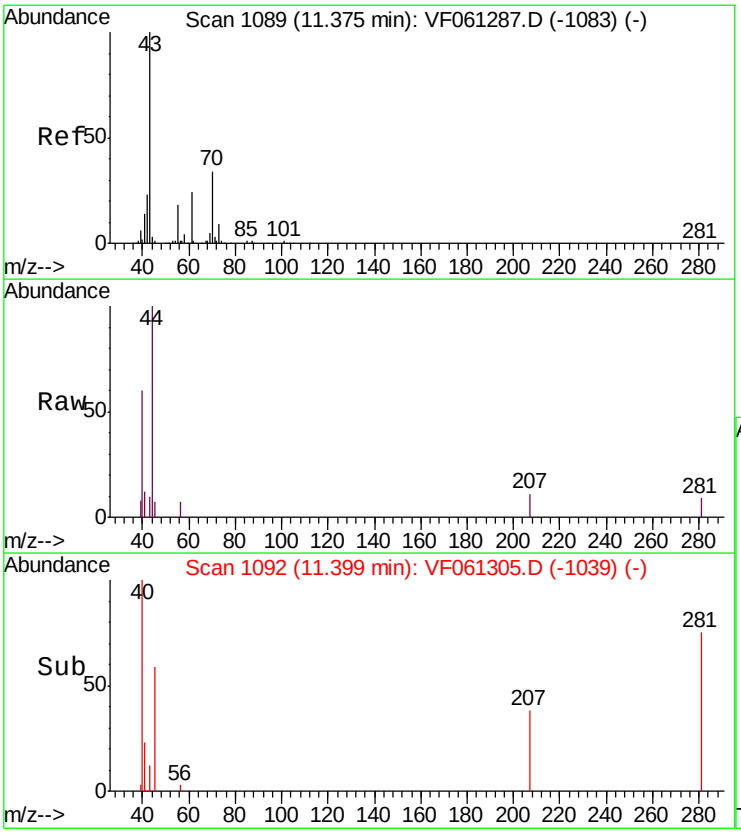
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.46 min Scan# 1200
Delta R.T. -0.09 min
Lab File: VF061305.D
Acq: 9 Jan 2019 17:08

Instrument :
MSVOA_F
ClientSampleId :
SP-1-2

Tgt Ion:152 Resp: 72

Ion	Ratio	Lower	Upper
152	100		
115	0.0	29.6	88.9#
150	0.0	0.0	315.4

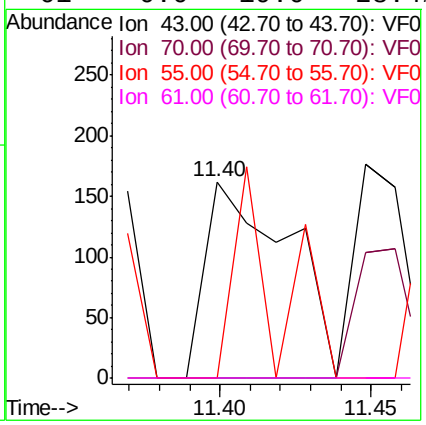


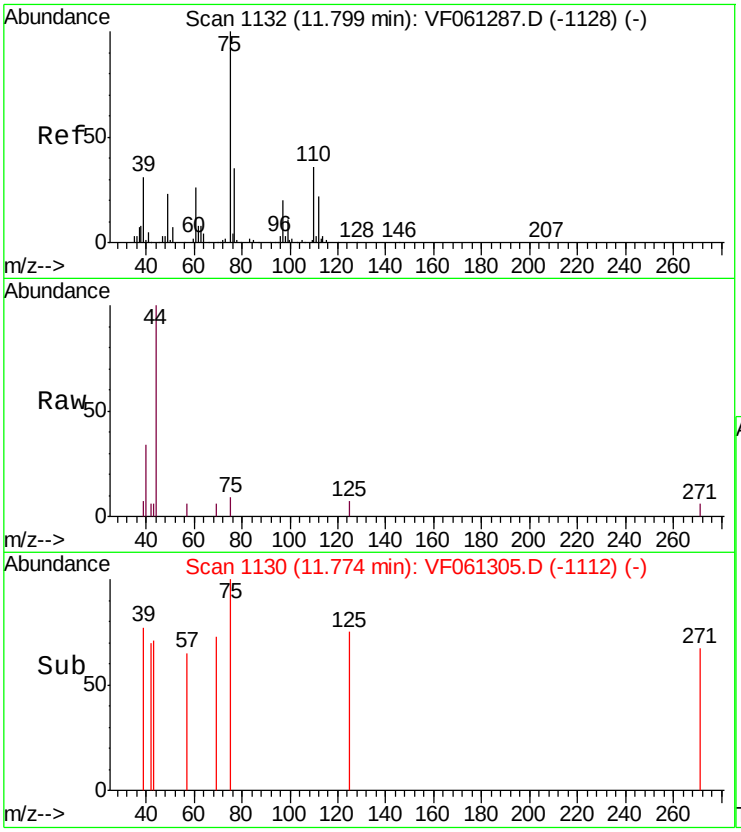


#74
N-amyl acetate
Concen: 215.942 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. 0.02 min
Lab File: VF061305.D
Acq: 9 Jan 2019 17:08

Tgt Ion: 43 Resp: 311

Ion	Ratio	Lower	Upper
43	100		
70	0.0	27.4	41.0#
55	0.0	14.7	22.1#
61	0.0	19.0	28.4#



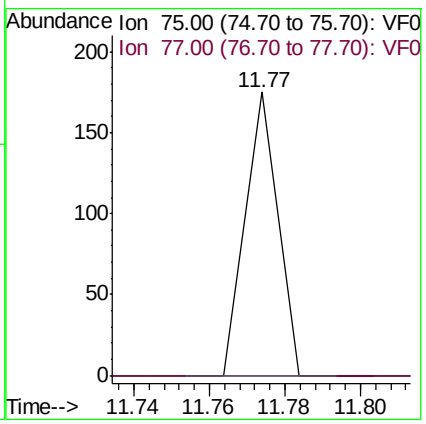


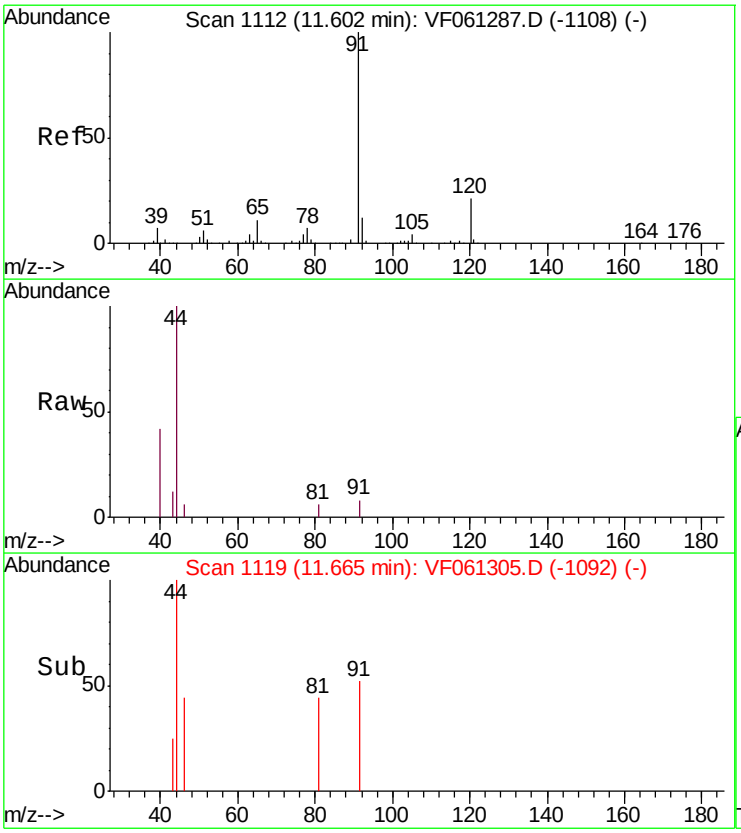
#76
1,2,3-Trichloropropane
Concen: 141.156 ug/l
RT: 11.77 min Scan# 1130
Delta R.T. -0.03 min
Lab File: VF061305.D
Acq: 9 Jan 2019 17:08

Instrument : MSVOA_F
ClientSampleId : SP-1-2

Tgt Ion: 75 Resp: 104

Ion	Ratio	Lower	Upper
75	100		
77	0.0	17.5	52.5#

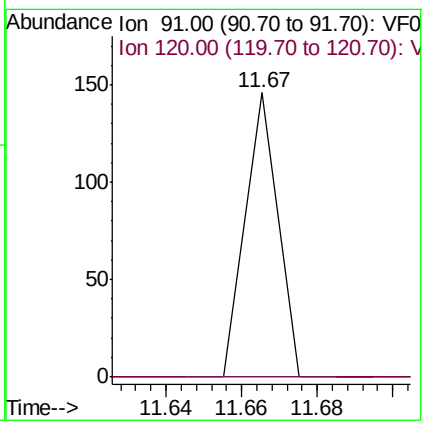


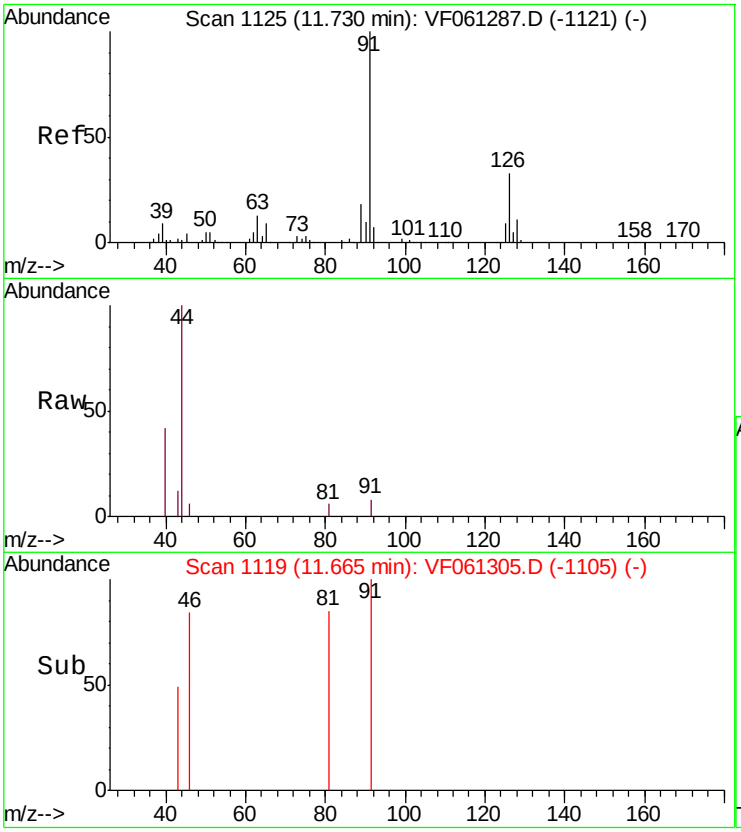


#78
n-propylbenzene
Concen: 11.385 ug/l
RT: 11.67 min Scan# 1119
Delta R.T. 0.06 min
Lab File: VF061305.D
Acq: 9 Jan 2019 17:08

Tgt Ion: 91 Resp: 86

Ion	Ratio	Lower	Upper
91	100		
120	0.0	10.7	32.1#



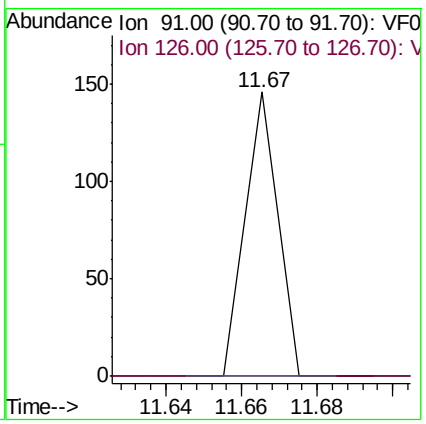


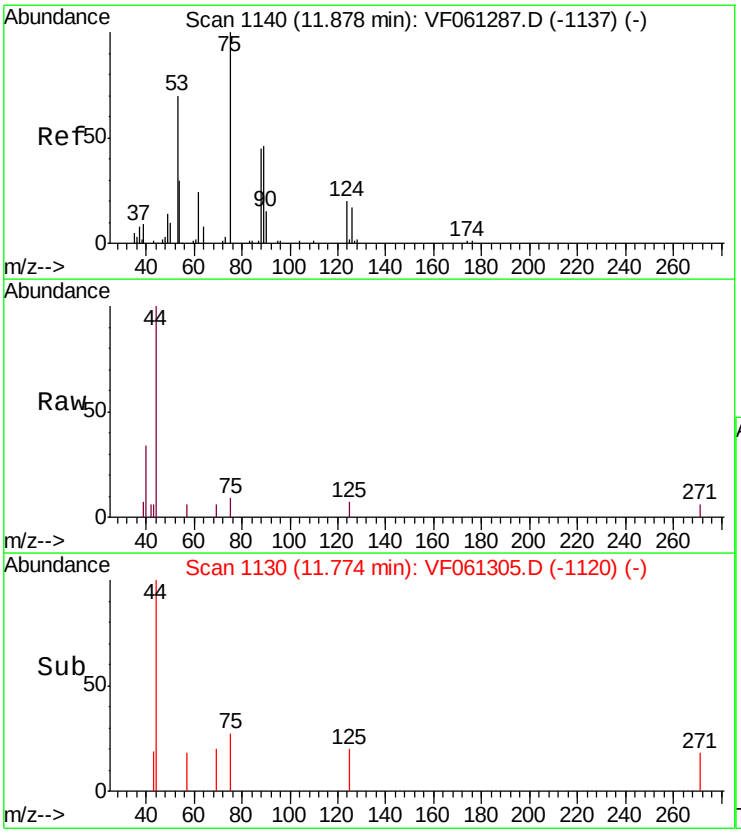
#79
2-Chlorotoluene
Concen: 20.434 ug/l
RT: 11.67 min Scan# 1119
Delta R.T. -0.06 min
Lab File: VF061305.D
Acq: 9 Jan 2019 17:08

Instrument : MSVOA_F
ClientSampleId : SP-1-2

Tgt Ion: 91 Resp: 86

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.6	49.8#

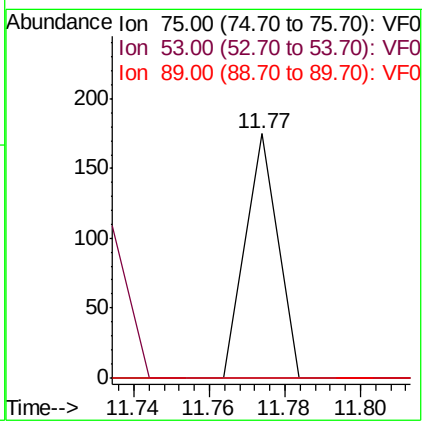


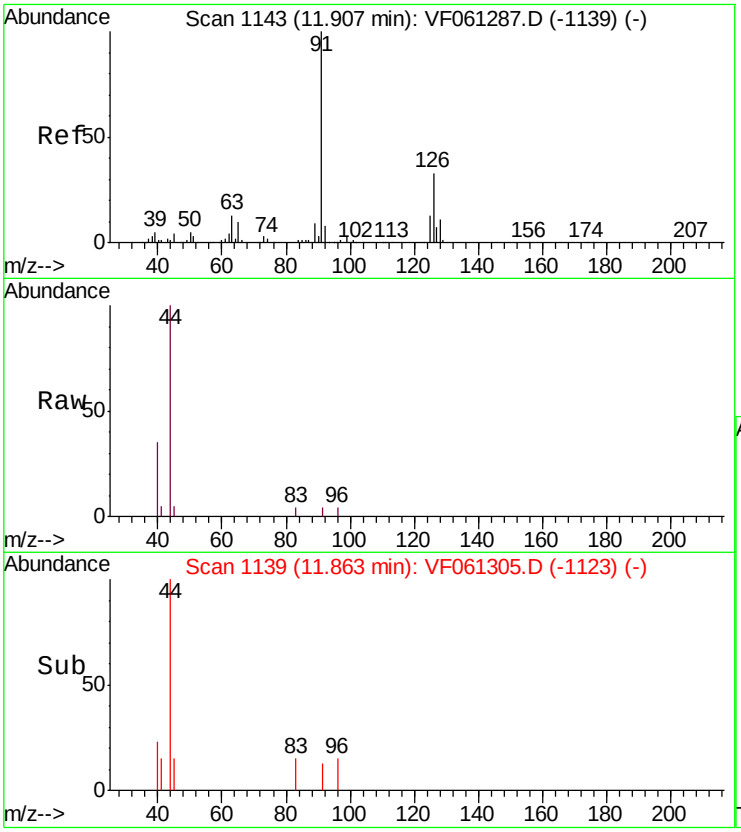


#81
trans-1,4-Dichloro-2-butene
Concen: 323.014 ug/l
RT: 11.77 min Scan# 1130
Delta R.T. -0.10 min
Lab File: VF061305.D
Acq: 9 Jan 2019 17:08

Tgt Ion: 75 Resp: 104

Ion	Ratio	Lower	Upper
75	100		
53	0.0	62.2	93.2#
89	0.0	40.2	60.4#



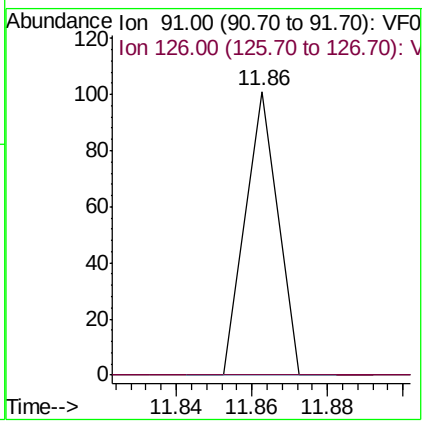


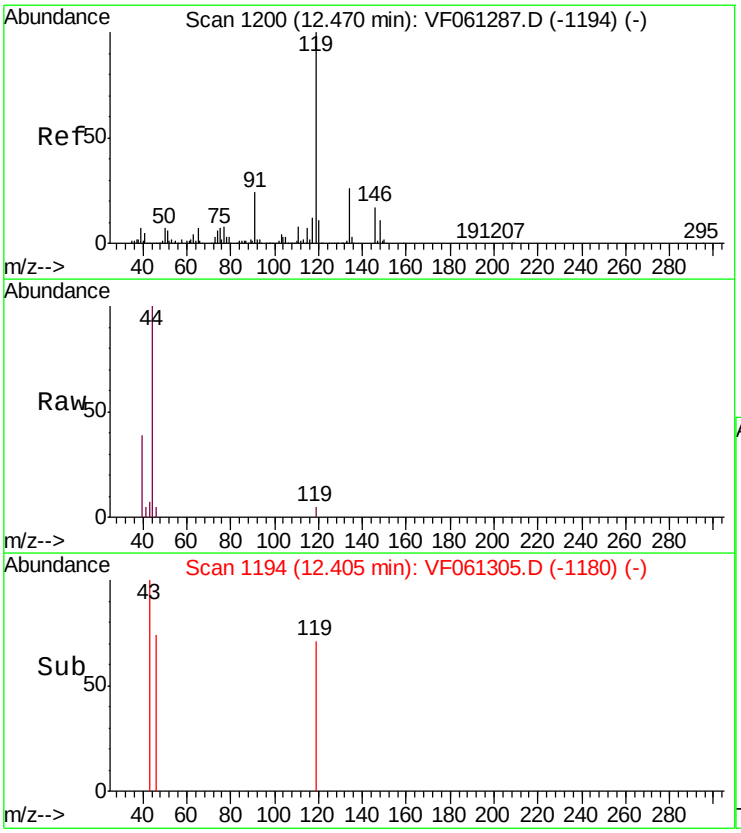
#82
4-Chlorotoluene
Concen: 14.030 ug/l
RT: 11.86 min Scan# 1139
Delta R.T. -0.04 min
Lab File: VF061305.D
Acq: 9 Jan 2019 17:08

Instrument :
MSVOA_F
ClientSampleId :
SP-1-2

Tgt Ion: 91 Resp: 60

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.4	49.4#

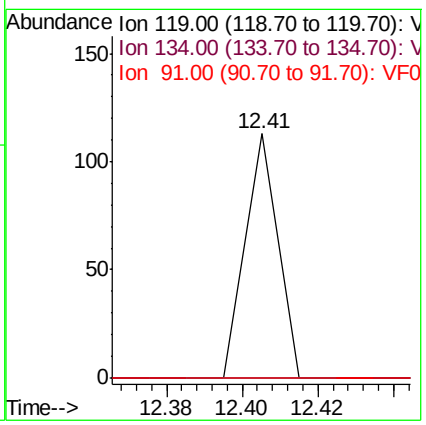


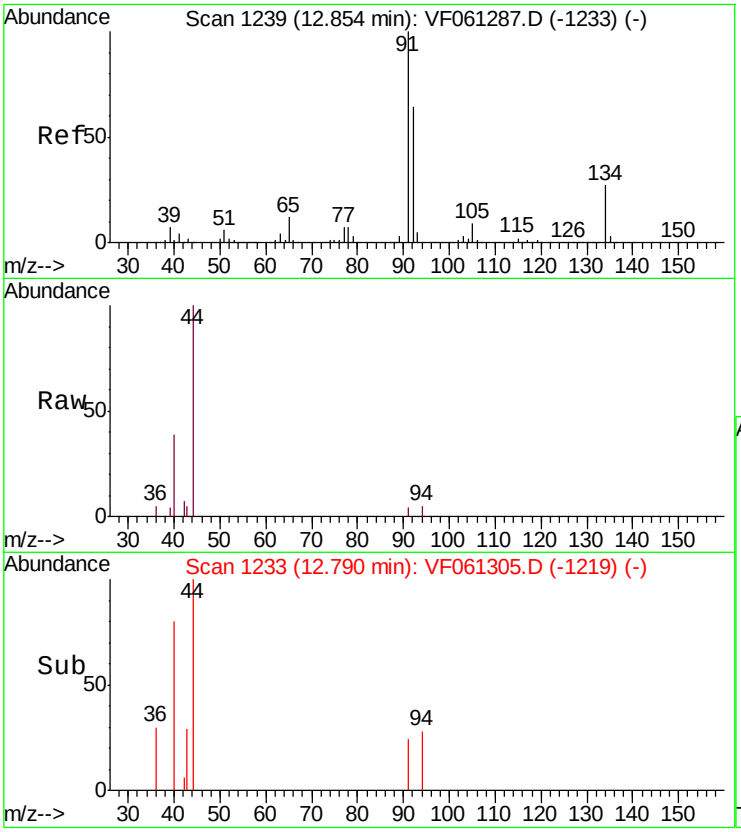


#86
p-Isopropyltoluene
Concen: 11.518 ug/l
RT: 12.41 min Scan# 1194
Delta R.T. -0.06 min
Lab File: VF061305.D
Acq: 9 Jan 2019 17:08

Tgt Ion:119 Resp: 67

Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.0	39.0#
91	0.0	12.2	36.4#



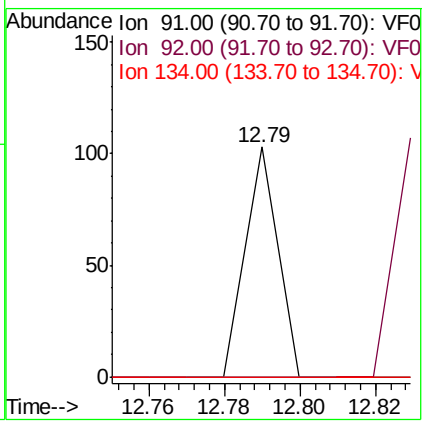


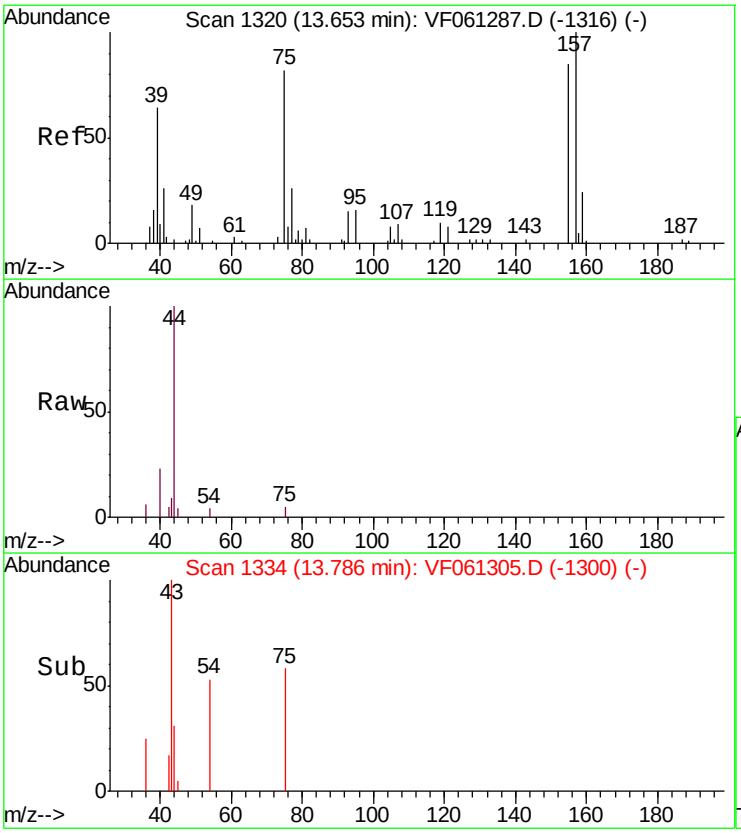
#89
n-Butylbenzene
Concen: 10.206 ug/l
RT: 12.79 min Scan# 1233
Delta R.T. -0.06 min
Lab File: VF061305.D
Acq: 9 Jan 2019 17:08

Instrument :
MSVOA_F
ClientSampleId :
SP-1-2

Tgt Ion: 91 Resp: 61

Ion	Ratio	Lower	Upper
91	100		
92	0.0	32.1	96.3#
134	0.0	13.4	40.1#

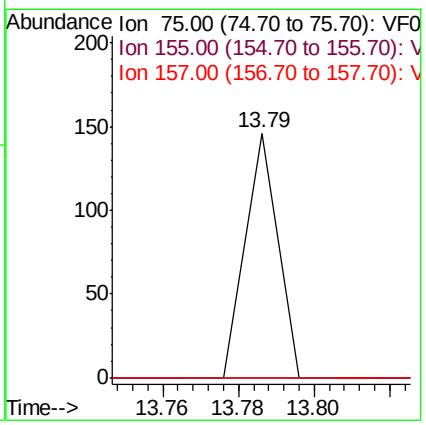


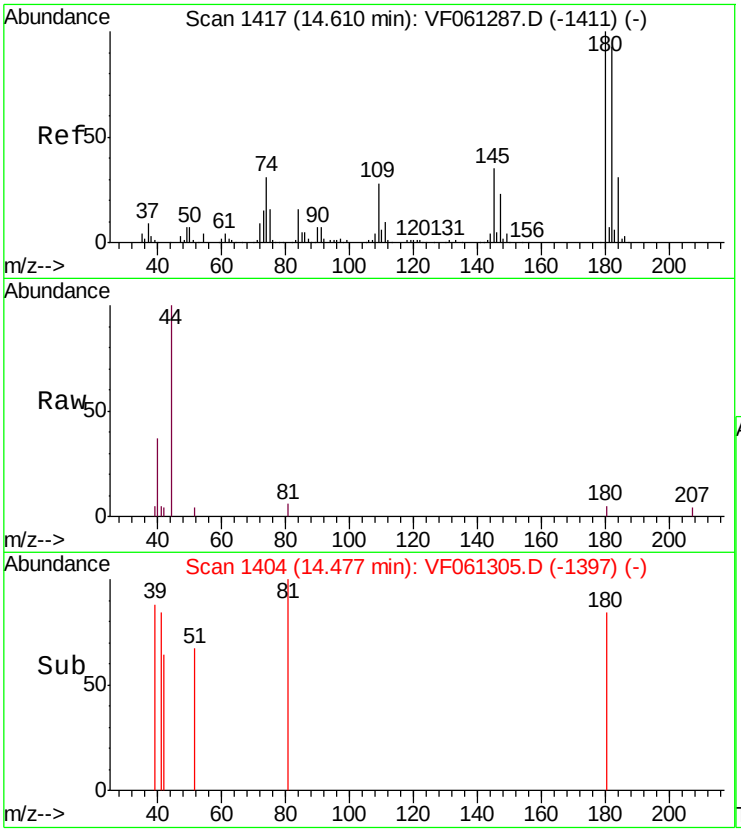


#92
1,2-Dibromo-3-Chloropropane
Concen: 506.683 ug/l
RT: 13.79 min Scan# 1334
Delta R.T. 0.13 min
Lab File: VF061305.D
Acq: 9 Jan 2019 17:08

Tgt Ion: 75 Resp: 86

Ion	Ratio	Lower	Upper
75	100		
155	0.0	51.3	154.0#
157	0.0	60.7	182.0#





#96
1,2,3-Trichlorobenzene
Concen: 55.812 ug/l
RT: 14.48 min Scan# 1404
Delta R.T. -0.13 min
Lab File: VF061305.D
Acq: 9 Jan 2019 17:08

Instrument :
MSVOA_F
ClientSampleId :
SP-1-2

Tgt Ion:180 Resp: 85

Ion	Ratio	Lower	Upper
180	100		
182	0.0	46.5	139.3#
145	0.0	17.5	52.6#