Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF031119\
Data File : VF061899.D
Acq On : 11 Mar 2019 19:50
Operator : VA/AP
Sample : K1689-01
Misc : 9.37g/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : NB-07-030819

Quant Time: Mar 12 05:14:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.92	168	60	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-5.61
63) Chlorobenzene-d5	9.79	117	247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	450	50.00	ug/l	0.00
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	11.41	95	154	0.00	ug/l	-0.01
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.87	85	65	88.241	ug/l #	47
3) Chloromethane	1.13	50	246	344.589	ug/l #	45
4) Vinyl Chloride	1.20	62	68	100.340	ug/l #	43
5) Bromomethane	1.32	94	505	1093.416	ug/l #	3
6) Chloroethane	1.41	64	79	245.235	ug/l #	20
7) Trichlorofluoromethane	1.43	101	127	153.439	ug/l #	17
8) Diethyl Ether	1.59	74	75	398.471	ug/l #	1
10) Methyl Iodide	1.85	142	64	59.834	ug/l #	40
11) Tert butyl alcohol	2.56	59	661	26652.436	ug/l #	1
12) 1,1-Dichloroethene	1.82	96	153	298.161	ug/l #	1
13) Acrolein	2.18	56	848	26984.591	ug/l	87
14) Allyl chloride	2.16	41	276	488.222	ug/l #	75
15) Acrylonitrile	2.95	53	199	2519.880	ug/l #	16
16) Acetone	2.25	43	33646	367603.982	ug/l #	85
17) Carbon Disulfide	1.80	76	60	37.563	ug/l #	1
18) Methyl Acetate	2.35	43	2944	1762.263	ug/l #	87
19) Methyl tert-butyl Ether	2.47	73	113	130.175	ug/l #	1
20) Methylene Chloride	2.18	84	2008	4408.783	ug/l	92
21) trans-1,2-Dichloroethene	2.34	96	60	124.236	ug/l #	1
22) Diisopropyl ether	2.82	45	460	312.812	ug/l #	1
23) Vinyl Acetate	3.22	43	908	1382.174	ug/l #	76
24) 1,1-Dichloroethane	2.94	63	72	81.916	ug/l #	85
25) 2-Butanone	4.39	43	1529	8212.662	ug/l #	38
26) 2,2-Dichloropropane	3.52	77	119	303.282	ug/l #	55
27) cis-1,2-Dichloroethene	3.46	96	72	107.607	ug/l	1
29) Tetrahydrofuran	4.08	42	2430	30264.523	ug/l #	85
30) Chloroform	3.85	83	143	142.437	ug/l #	15
31) Cyclohexane	3.74	56	198	215.073	ug/l #	15
64) Tetrachloroethene	8.15	164	719	378.833	ug/l #	79
67) Ethyl Benzene	9.90	91	229	29.115	ug/l #	23
69) o-Xylene	10.71	106	156	48.081	ug/l #	9
74) N-amyl acetate	11.37	43	232	32.529	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	11.62	83	82	15.925	ug/l #	23
76) 1,2,3-Trichloropropane	11.72	75	77	21.911	ug/l #	1

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031119\
Data File : VF061899.D
Acq On : 11 Mar 2019 19:50
Operator : VA/AP
Sample : K1689-01
Misc : 9.37g/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : NB-07-030819

Quant Time: Mar 12 05:14:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
78) n-propylbenzene	11.59	91	382	10.919 ug/l #	54
79) 2-Chlorotoluene	11.72	91	73	3.650 ug/l #	39
80) 1,3,5-Trimethylbenzene	11.82	105	1213	48.767 ug/l	90
81) trans-1,4-Dichloro-2-buten	11.72	75	77	47.917 ug/l #	18
82) 4-Chlorotoluene	11.98	91	88	4.301 ug/l #	41
83) tert-Butylbenzene	12.18	119	69	2.613 ug/l #	36
84) 1,2,4-Trimethylbenzene	12.20	105	747	30.636 ug/l	94
85) sec-Butylbenzene	12.30	105	357	10.387 ug/l #	57
86) p-Isopropyltoluene	12.43	119	460	15.745 ug/l #	50
87) 1,3-Dichlorobenzene	12.46	146	64	4.521 ug/l #	1
88) 1,4-Dichlorobenzene	12.56	146	67	4.906 ug/l #	24
89) n-Butylbenzene	12.84	91	768	27.507 ug/l #	57
90) Hexachloroethane	12.84	117	89	12.656 ug/l #	24
91) 1,2-Dichlorobenzene	12.93	146	86	6.412 ug/l #	24
93) 1,2,4-Trichlorobenzene	14.20	180	89	9.465 ug/l #	11
95) Naphthalene	14.45	128	1206	72.006 ug/l #	76
96) 1,2,3-Trichlorobenzene	14.60	180	88	10.135 ug/l #	10

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

Quantitation Report (Not Reviewed)

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Sample : K1689-01
Misc : 9.37g/5mL/MSVOA-F/SOIL
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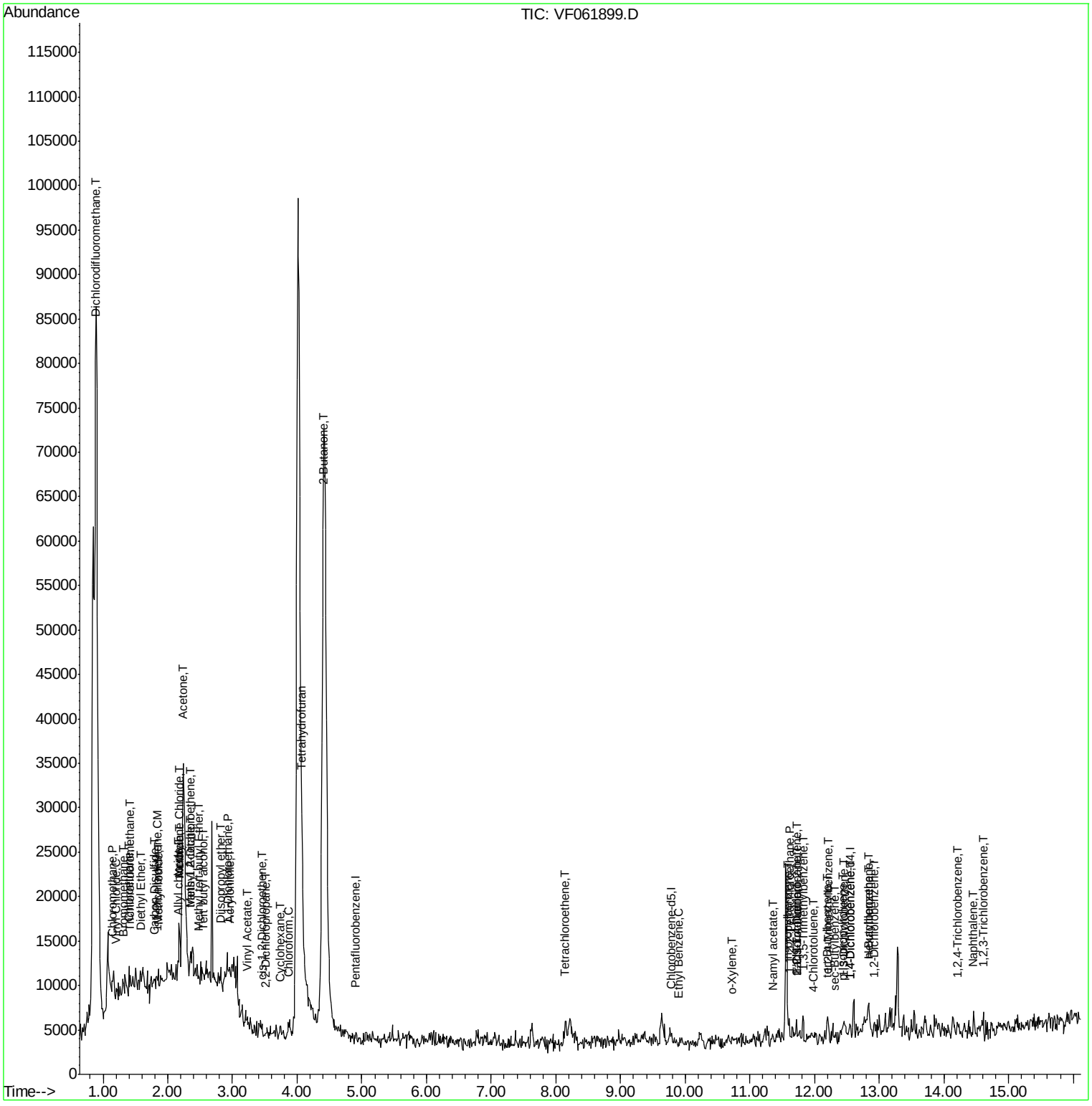
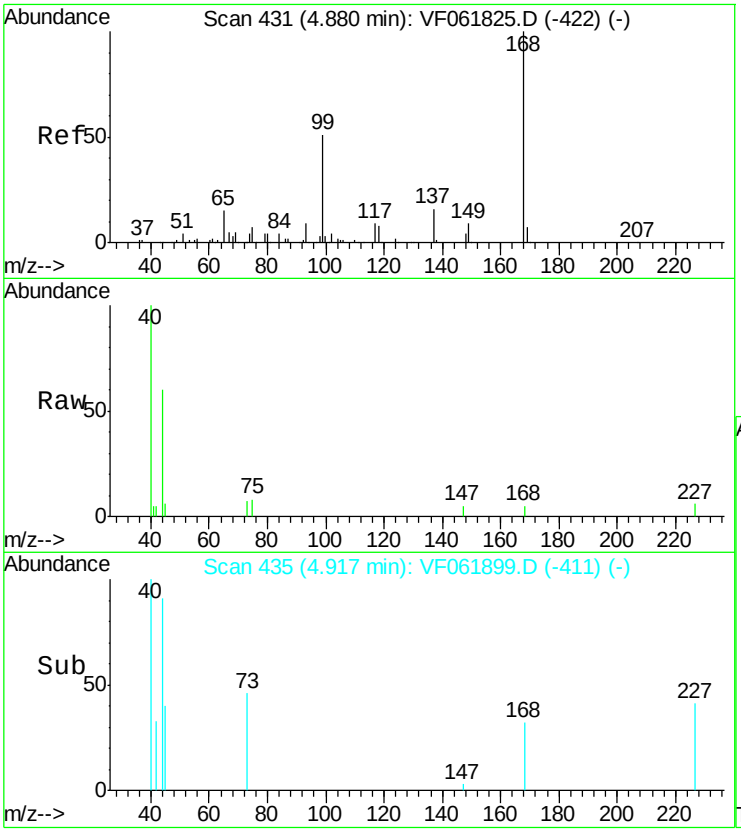
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration



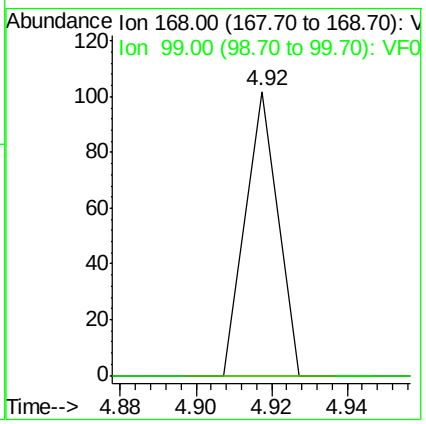


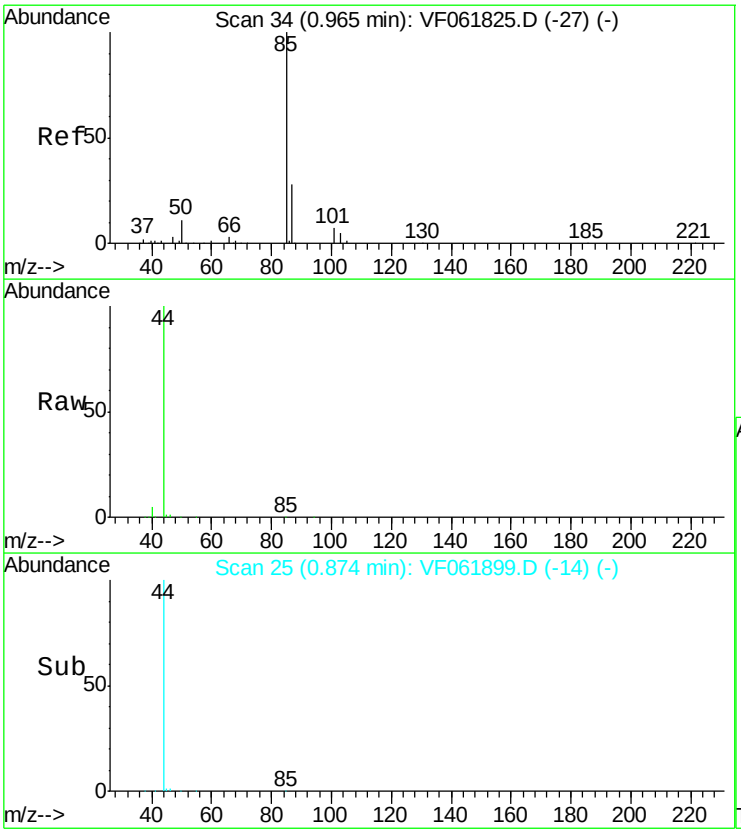
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.92 min Scan# 435
Delta R.T. 0.04 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Instrument :
MSVOA_F
ClientSampleId :
NB-07-030819

Tgt Ion:168 Resp: 60

Ion	Ratio	Lower	Upper
168	100		
99	0.0	40.8	61.2#

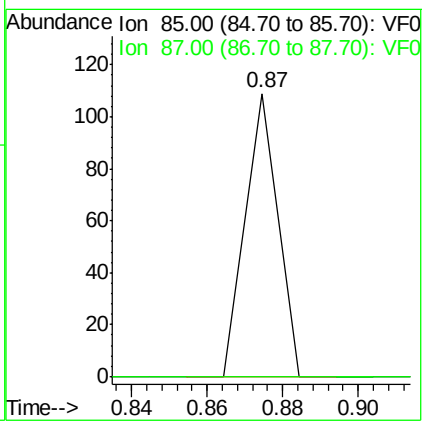


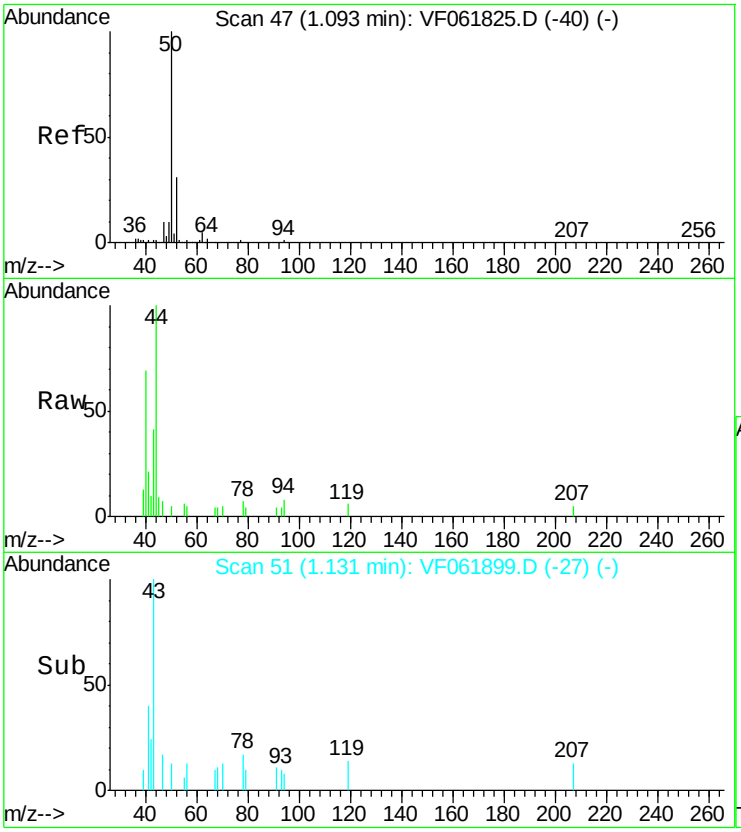


#2
Dichlorodifluoromethane
Concen: 88.241 ug/l
RT: 0.87 min Scan# 25
Delta R.T. -0.09 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Tgt Ion: 85 Resp: 65

Ion	Ratio	Lower	Upper
85	100		
87	0.0	14.1	42.2#



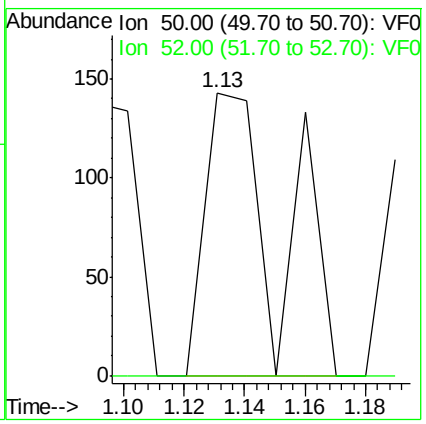


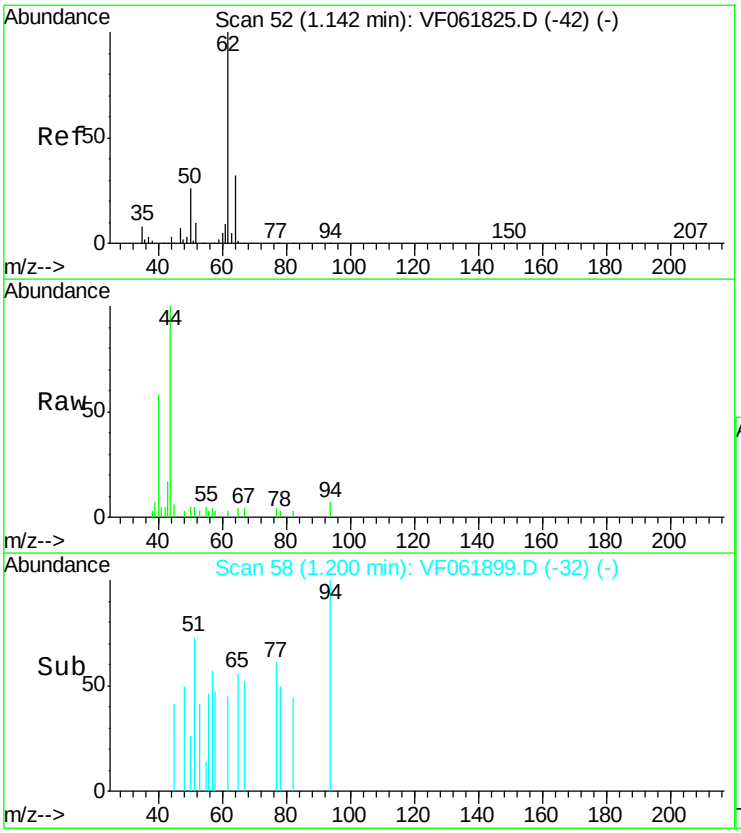
#3
Chloromethane
Concen: 344.589 ug/l
RT: 1.13 min Scan# 51
Delta R.T. 0.04 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Instrument : MSVOA_F
ClientSampleId : NB-07-030819

Tgt Ion: 50 Resp: 246

Ion	Ratio	Lower	Upper
50	100		
52	0.0	23.8	35.8#

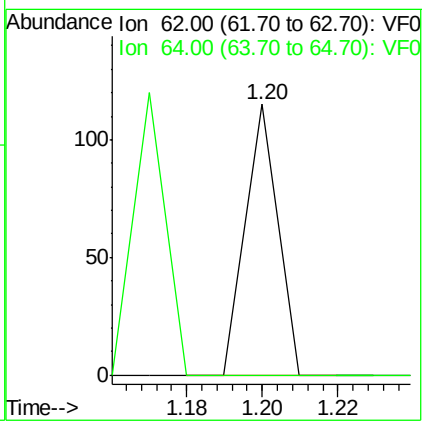


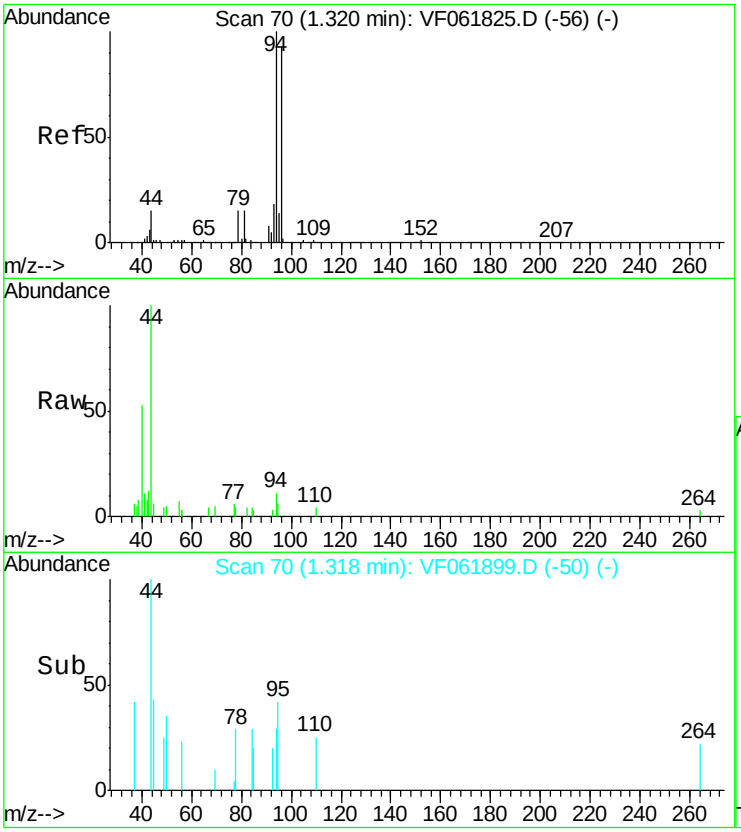


#4
Vinyl Chloride
Concen: 100.340 ug/l
RT: 1.20 min Scan# 58
Delta R.T. 0.06 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Tgt Ion: 62 Resp: 68

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.2	37.8#



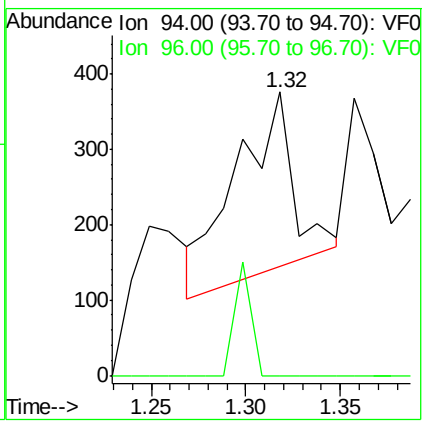


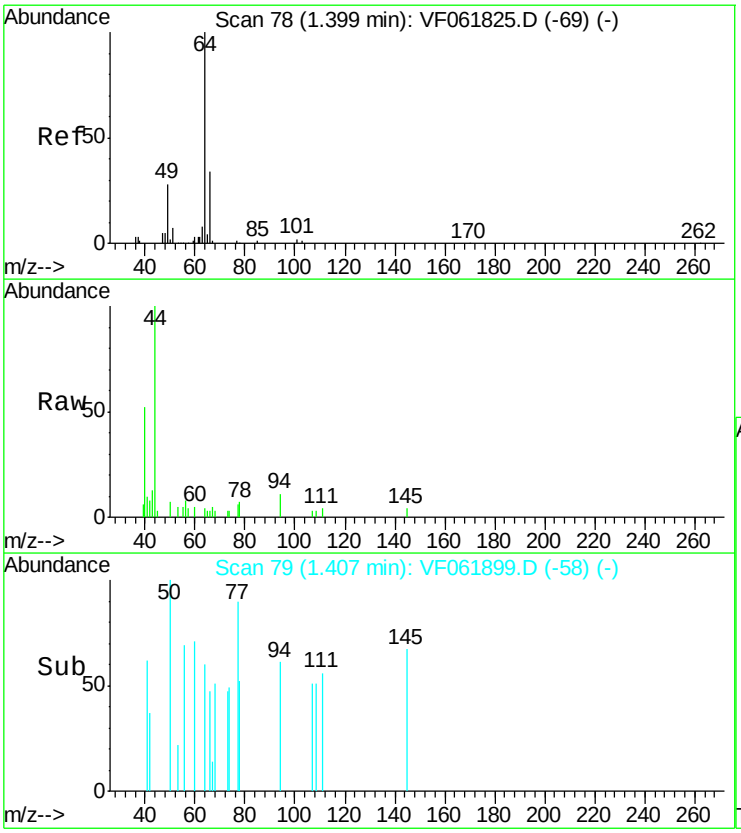
#5
Bromomethane
Concen: 1093.416 ug/l
RT: 1.32 min Scan# 70
Delta R.T. -0.00 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Instrument :
MSVOA_F
ClientSampleId :
NB-07-030819

Tgt Ion: 94 Resp: 505

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.2	112.8#

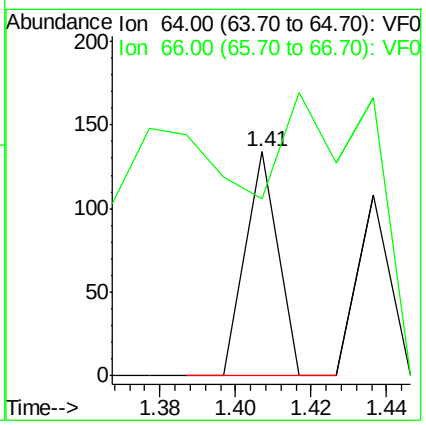


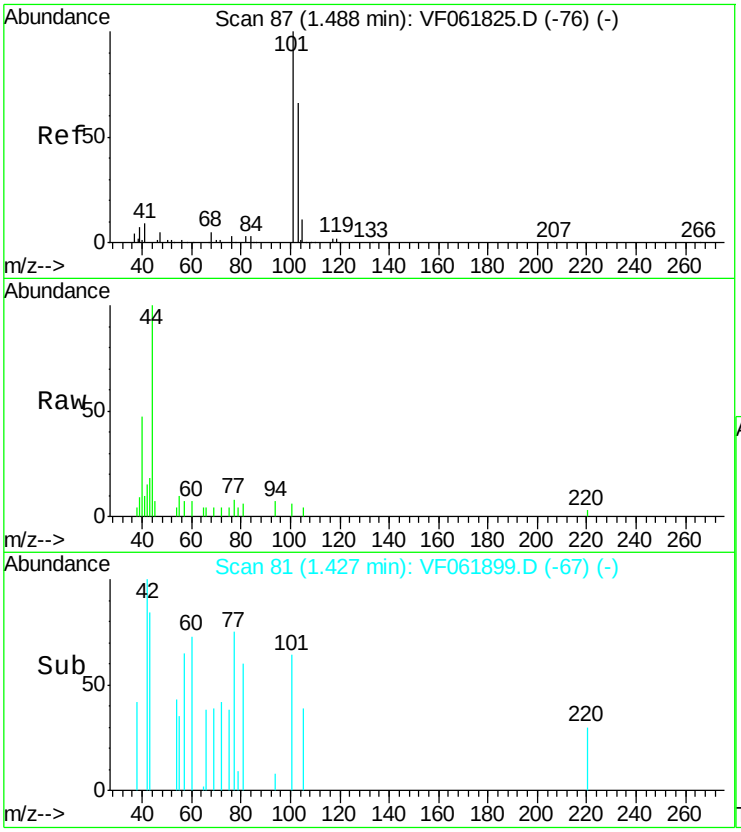


#6
Chloroethane
Concen: 245.235 ug/l
RT: 1.41 min Scan# 79
Delta R.T. 0.01 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Tgt Ion: 64 Resp: 79

Ion	Ratio	Lower	Upper
64	100		
66	79.1	27.0	40.4#



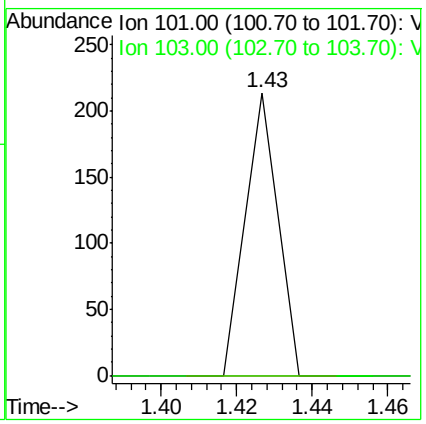


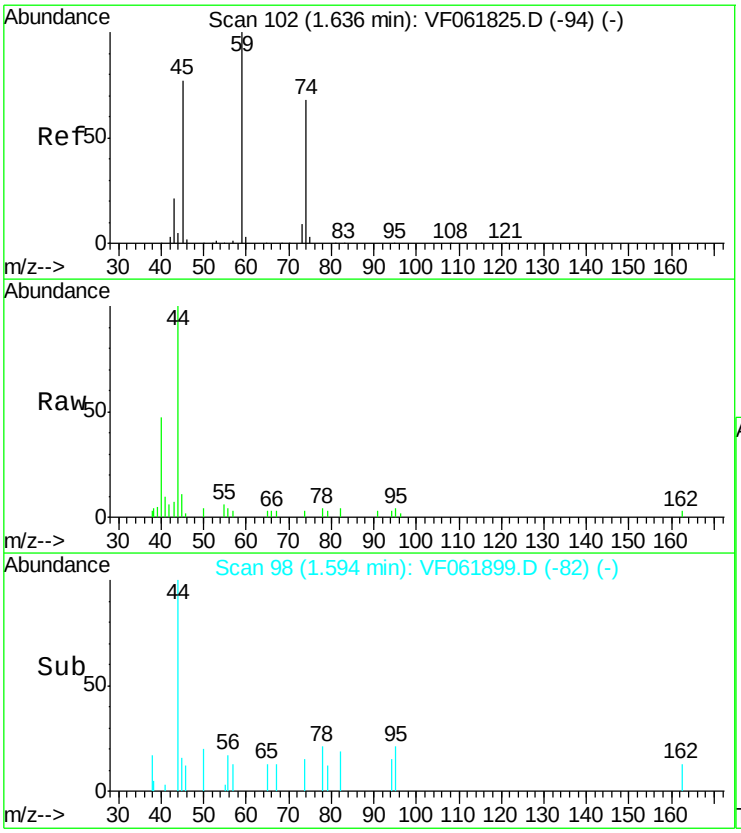
#7
Trichlorofluoromethane
Concen: 153.439 ug/l
RT: 1.43 min Scan# 81
Delta R.T. -0.06 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Instrument :
MSVOA_F
ClientSampleId :
NB-07-030819

Tgt Ion:101 Resp: 127

Ion	Ratio	Lower	Upper
101	100		
103	0.0	52.8	79.2#

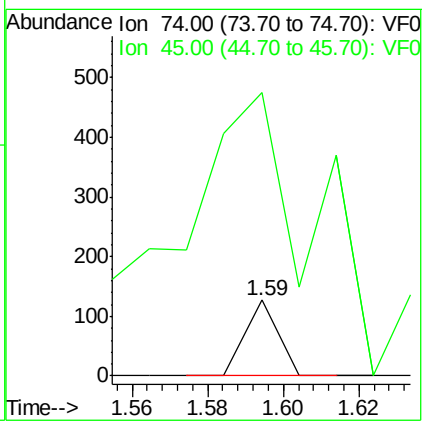


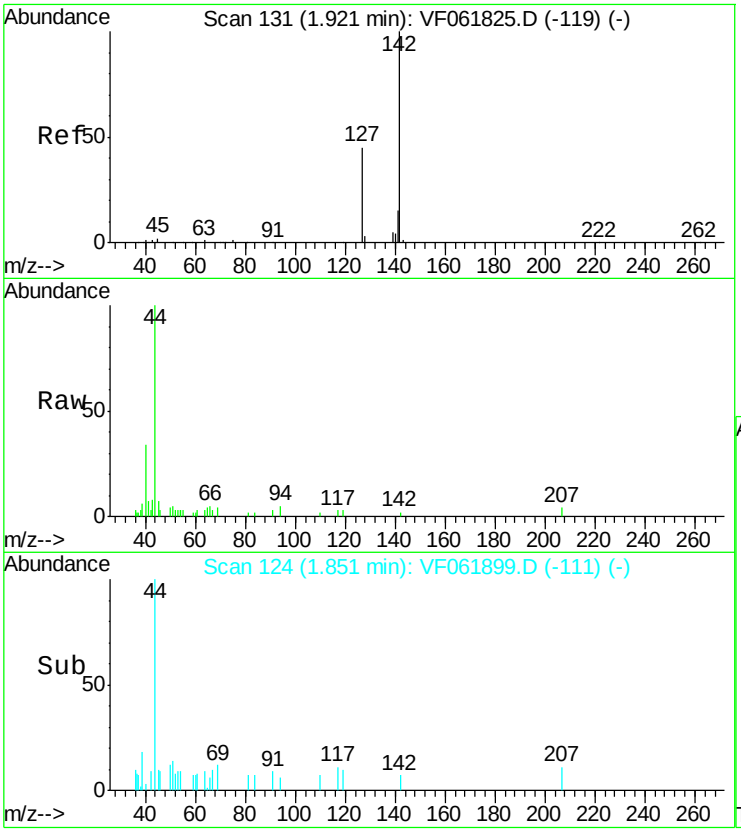


#8
Diethyl Ether
Concen: 398.471 ug/l
RT: 1.59 min Scan# 98
Delta R.T. -0.04 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Tgt Ion: 74 Resp: 75

Ion	Ratio	Lower	Upper
74	100		
45	373.2	57.2	171.6#



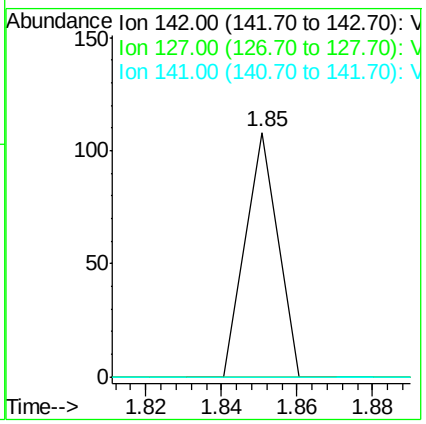


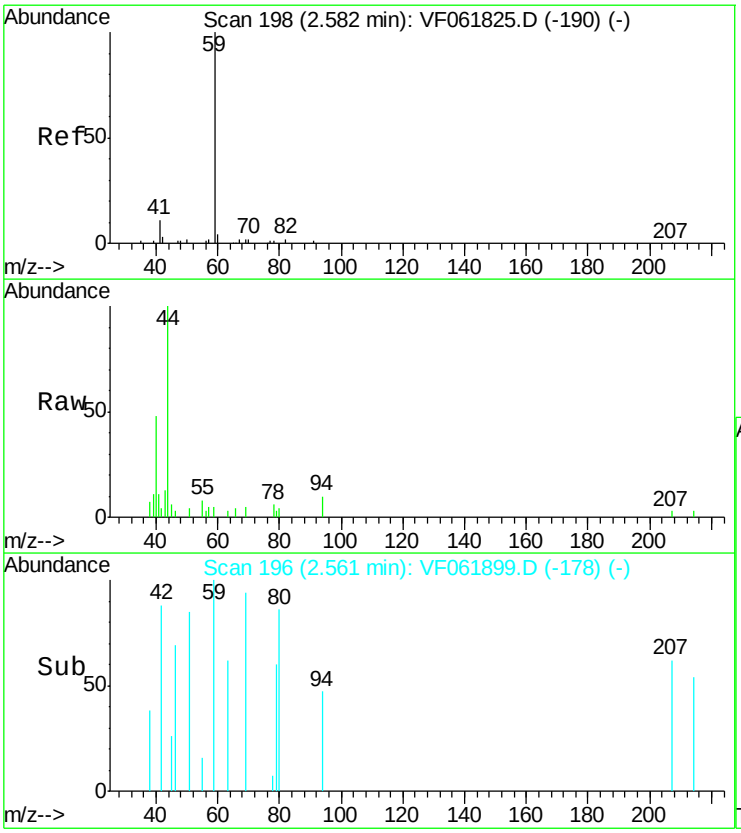
#10
Methyl Iodide
Concen: 59.834 ug/l
RT: 1.85 min Scan# 124
Delta R.T. -0.07 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Instrument : MSVOA_F
ClientSampleId : NB-07-030819

Tgt Ion:142 Resp: 64

Ion	Ratio	Lower	Upper
142	100		
127	0.0	35.8	53.6#
141	0.0	11.7	17.5#

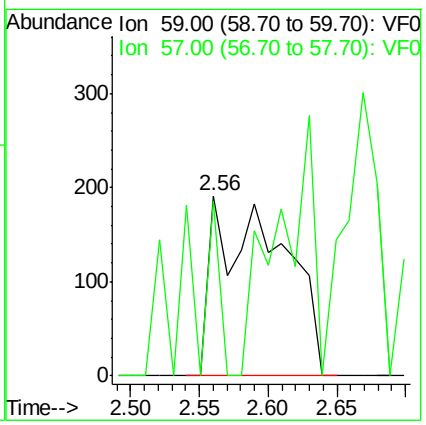


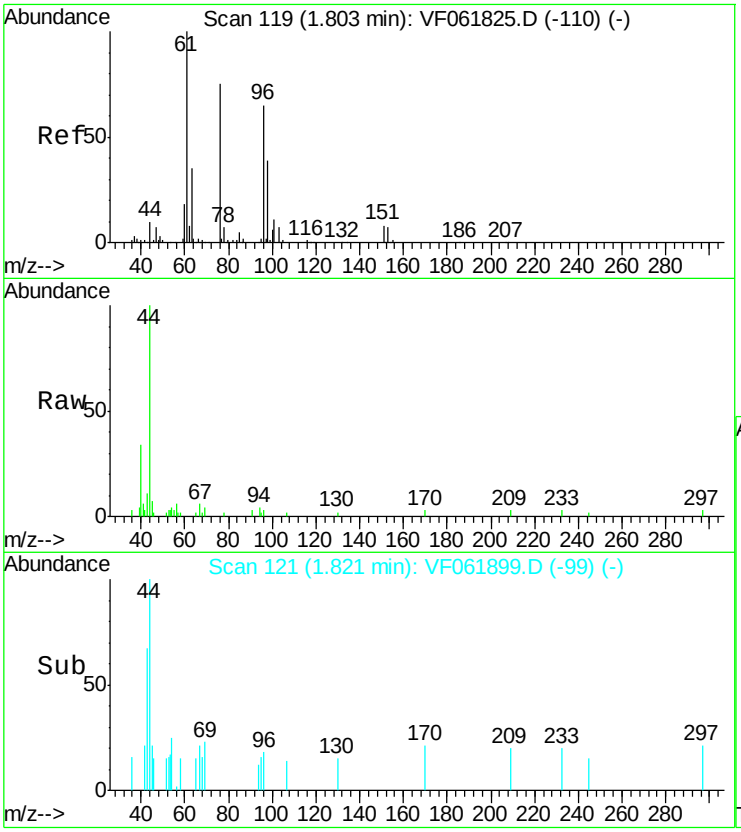


#11
Tert butyl alcohol
Concen: 26652.436 ug/l
RT: 2.56 min Scan# 196
Delta R.T. -0.02 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Tgt Ion: 59 Resp: 661

Ion	Ratio	Lower	Upper
59	100		
57	97.4	11.8	17.6#



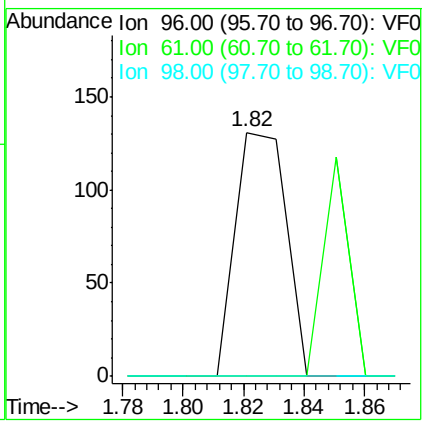


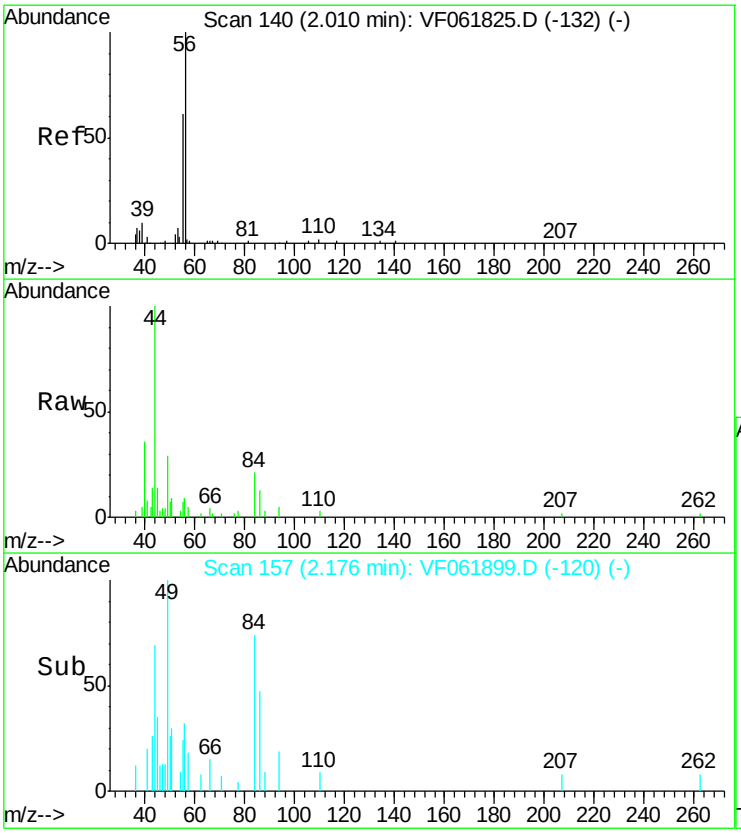
#12
1,1-Dichloroethene
Concen: 298.161 ug/l
RT: 1.82 min Scan# 121
Delta R.T. 0.02 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Instrument : MSVOA_F
ClientSampleId : NB-07-030819

Tgt Ion: 96 Resp: 153

Ion	Ratio	Lower	Upper
96	100		
61	0.0	122.5	183.7#
98	0.0	47.1	70.7#

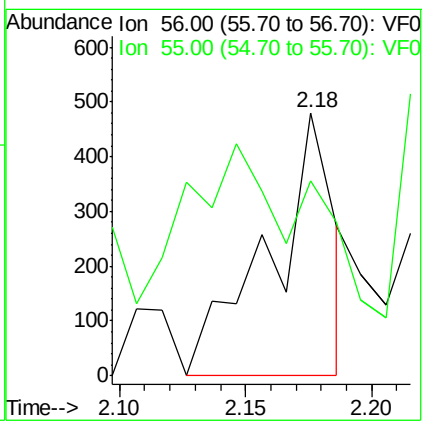


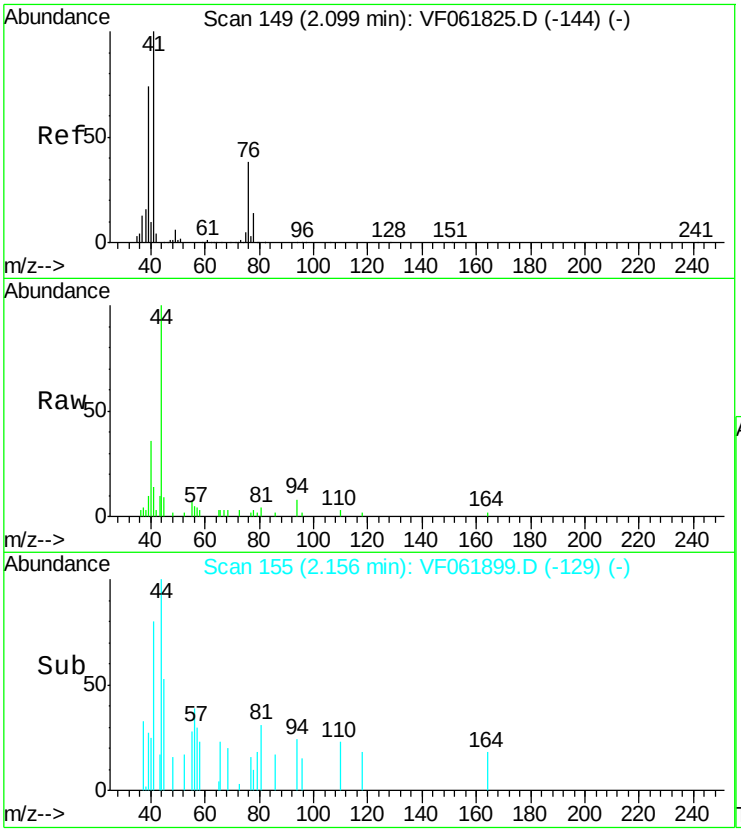


#13
Acrolein
Concen: 26984.591 ug/l
RT: 2.18 min Scan# 157
Delta R.T. 0.17 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Tgt Ion: 56 Resp: 848

Ion	Ratio	Lower	Upper
56	100		
55	74.0	51.3	76.9



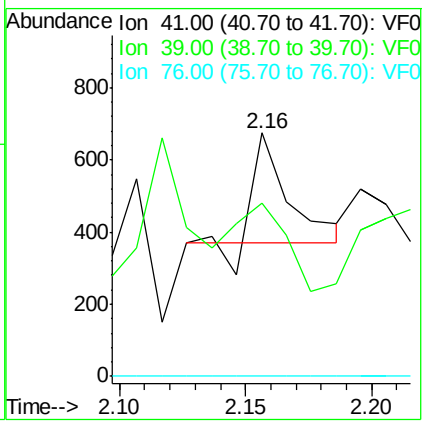


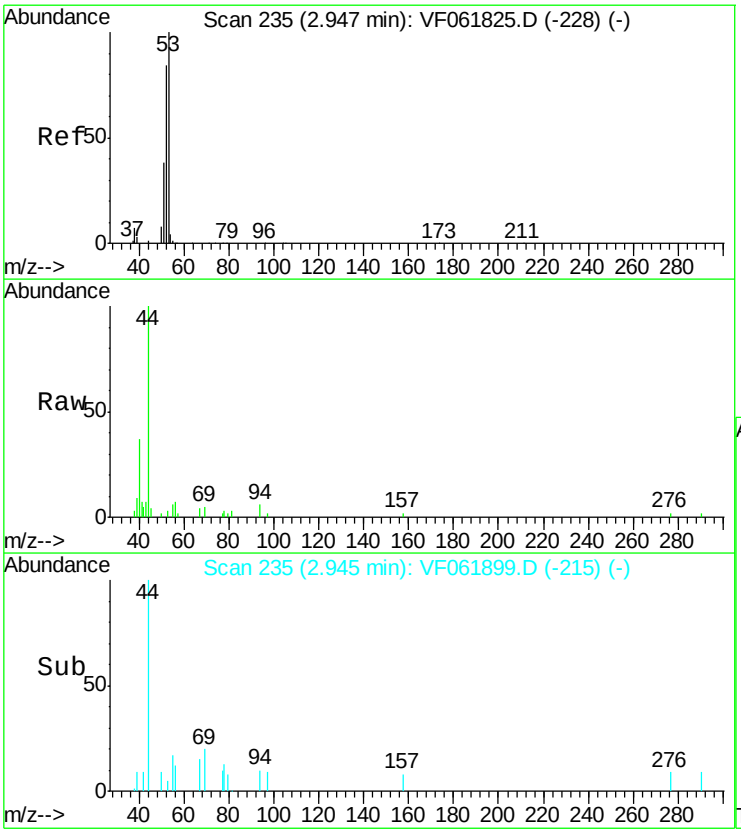
#14
Allyl chloride
Concen: 488.222 ug/l
RT: 2.16 min Scan# 155
Delta R.T. 0.06 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Instrument : MSVOA_F
ClientSampleId : NB-07-030819

Tgt Ion: 41 Resp: 276

Ion	Ratio	Lower	Upper
41	100		
39	71.3	59.6	89.4
76	0.0	32.3	48.5#

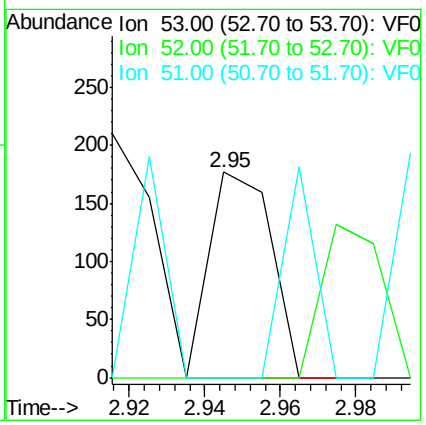


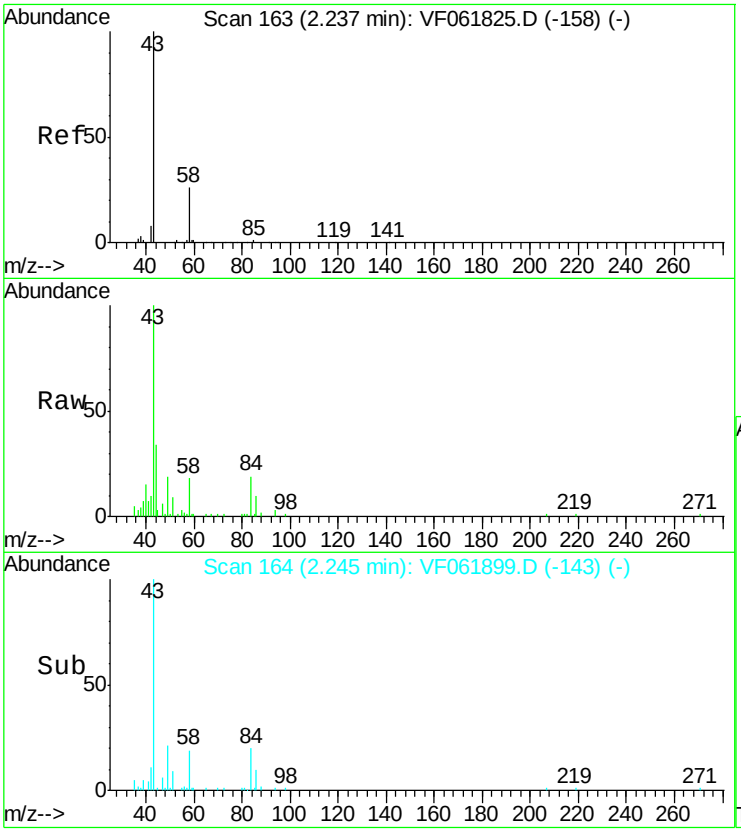


#15
Acrylonitrile
Concen: 2519.880 ug/l
RT: 2.95 min Scan# 235
Delta R.T. -0.00 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Tgt Ion: 53 Resp: 199

Ion	Ratio	Lower	Upper
53	100		
52	0.0	67.4	101.0#
51	0.0	30.7	46.1#



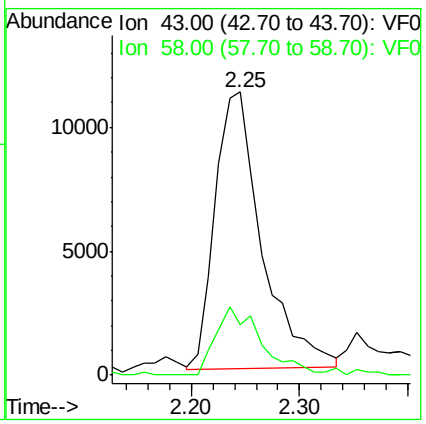


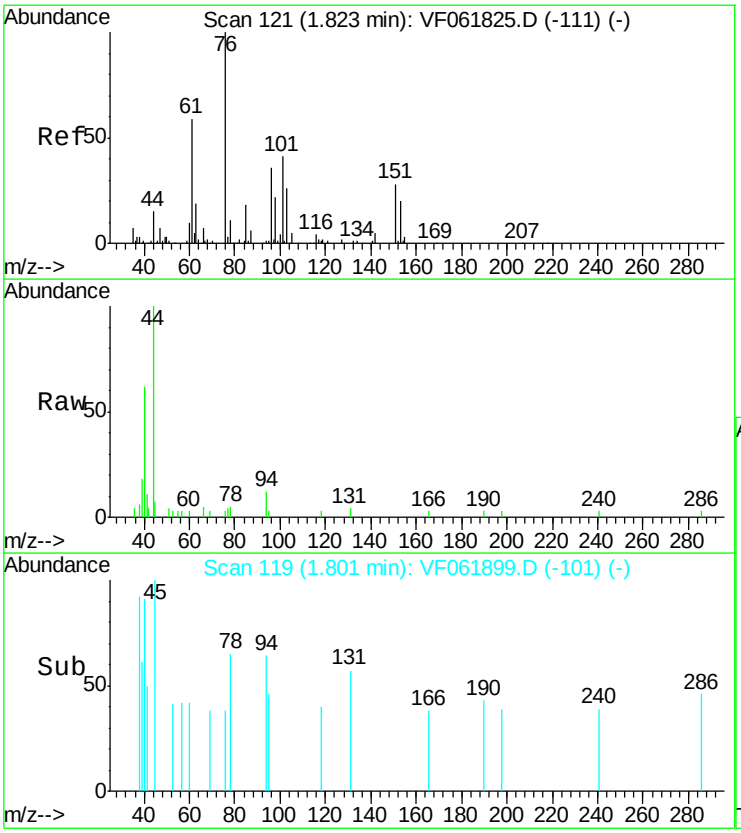
#16
Acetone
Concen: 367603.982 ug/l
RT: 2.25 min Scan# 164
Delta R.T. 0.01 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Instrument : MSVOA_F
ClientSampleId : NB-07-030819

Tgt Ion: 43 Resp: 33646

Ion	Ratio	Lower	Upper
43	100		
58	17.7	20.3	30.5#

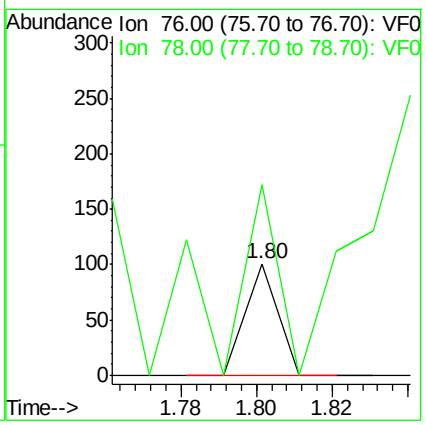


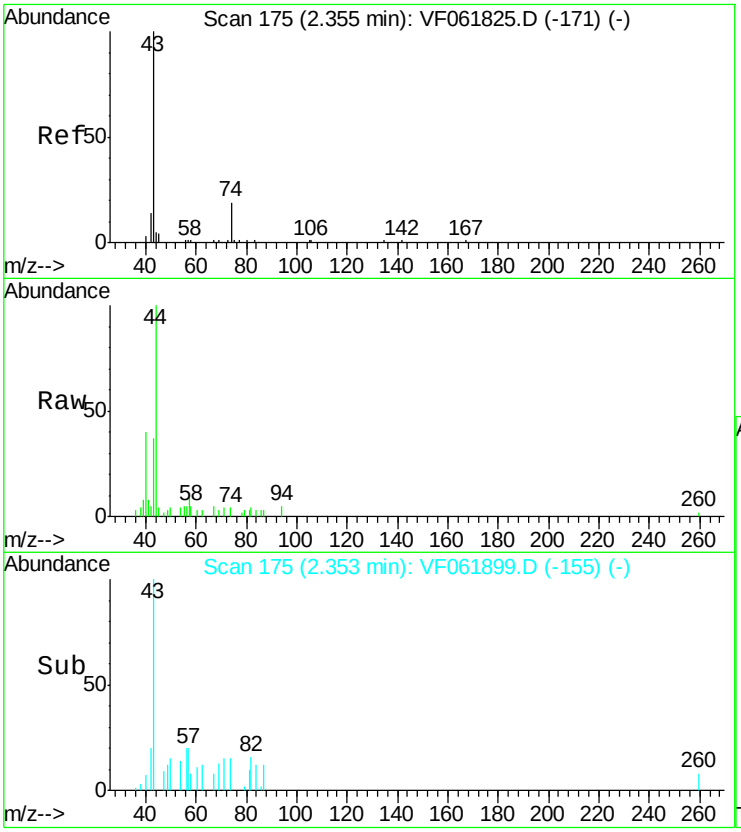


#17
Carbon Disulfide
Concen: 37.563 ug/l
RT: 1.80 min Scan# 119
Delta R.T. -0.02 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Tgt Ion: 76 Resp: 60

Ion	Ratio	Lower	Upper
76	100		
78	170.3	9.1	13.7#



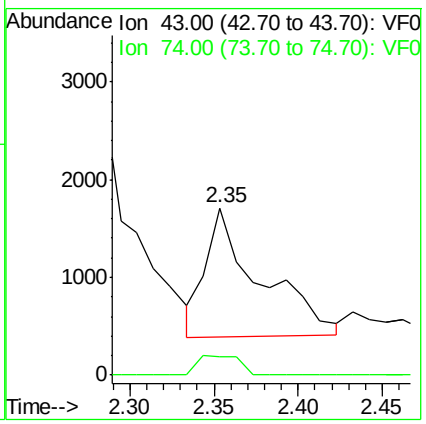


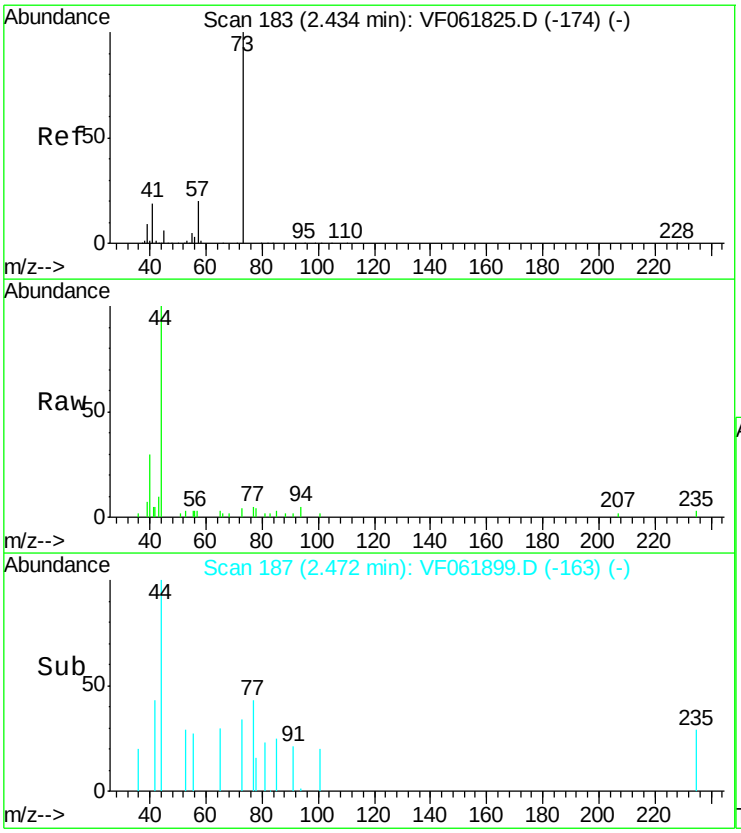
#18
Methyl Acetate
Concen: 1762.263 ug/l
RT: 2.35 min Scan# 175
Delta R.T. -0.00 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Instrument : MSVOA_F
ClientSampleId : NB-07-030819

Tgt Ion: 43 Resp: 2944

Ion	Ratio	Lower	Upper
43	100		
74	11.1	13.2	19.8#

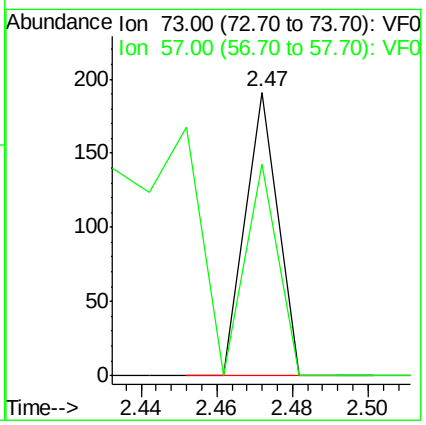


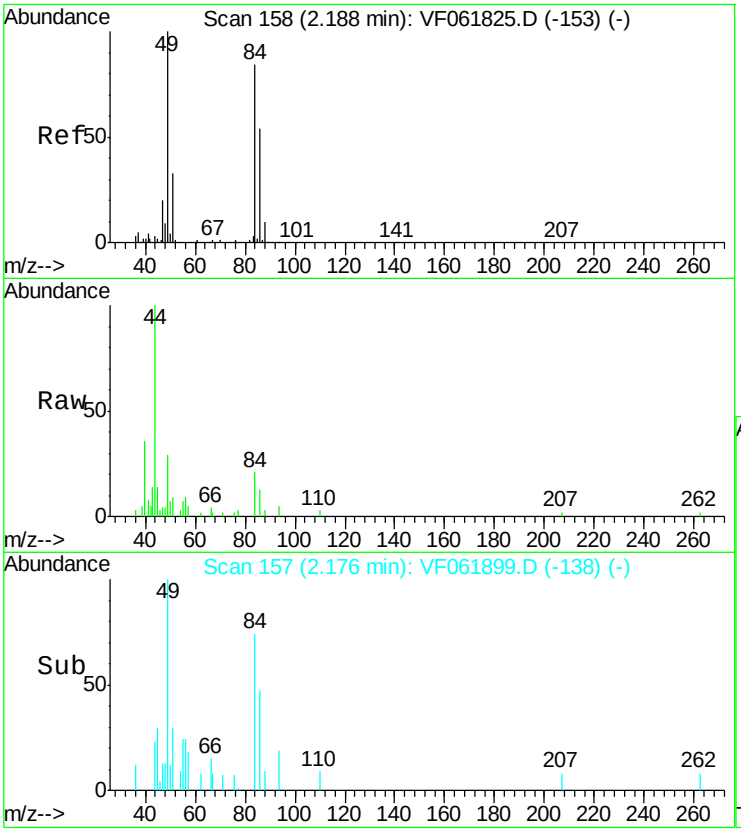


#19
Methyl tert-butyl Ether
Concen: 130.175 ug/l
RT: 2.47 min Scan# 187
Delta R.T. 0.04 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Tgt Ion: 73 Resp: 113

Ion	Ratio	Lower	Upper
73	100		
57	74.9	16.1	24.1#



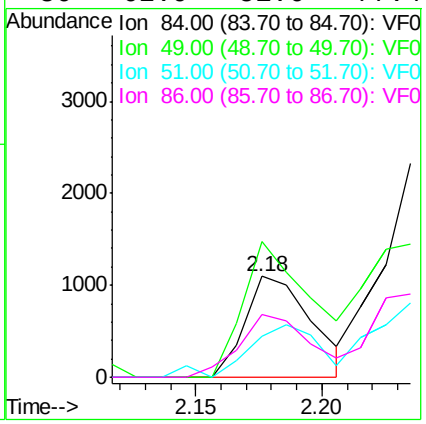


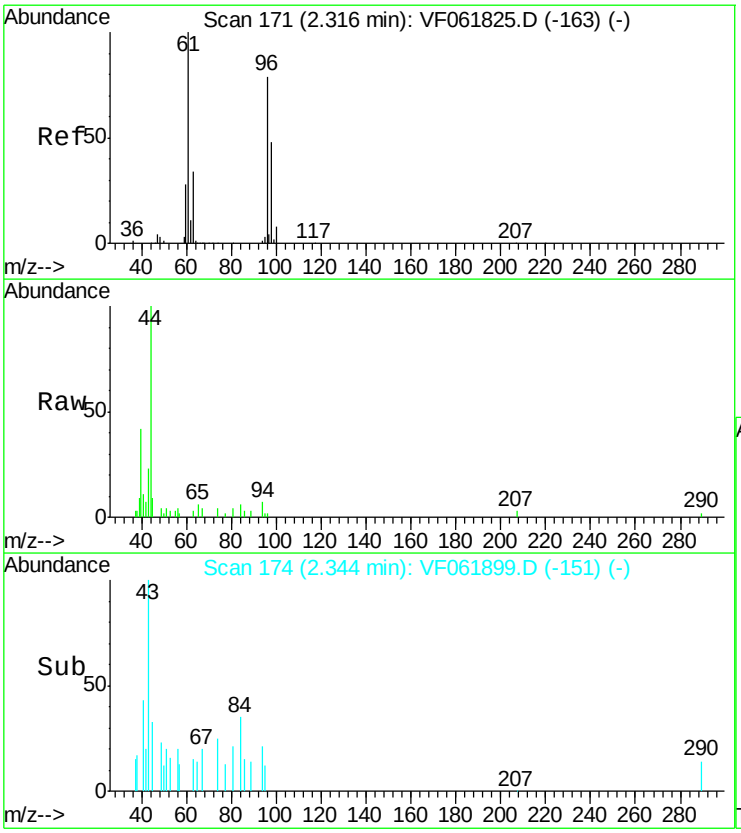
#20
Methylene Chloride
Concen: 4408.783 ug/l
RT: 2.18 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Instrument : MSVOA_F
ClientSampleId : NB-07-030819

Tgt Ion: 84 Resp: 2008

Ion	Ratio	Lower	Upper
84	100		
49	135.2	96.8	145.2
51	40.9	31.8	47.6
86	62.9	51.6	77.4

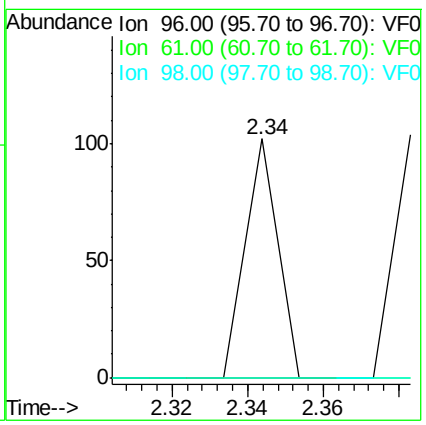


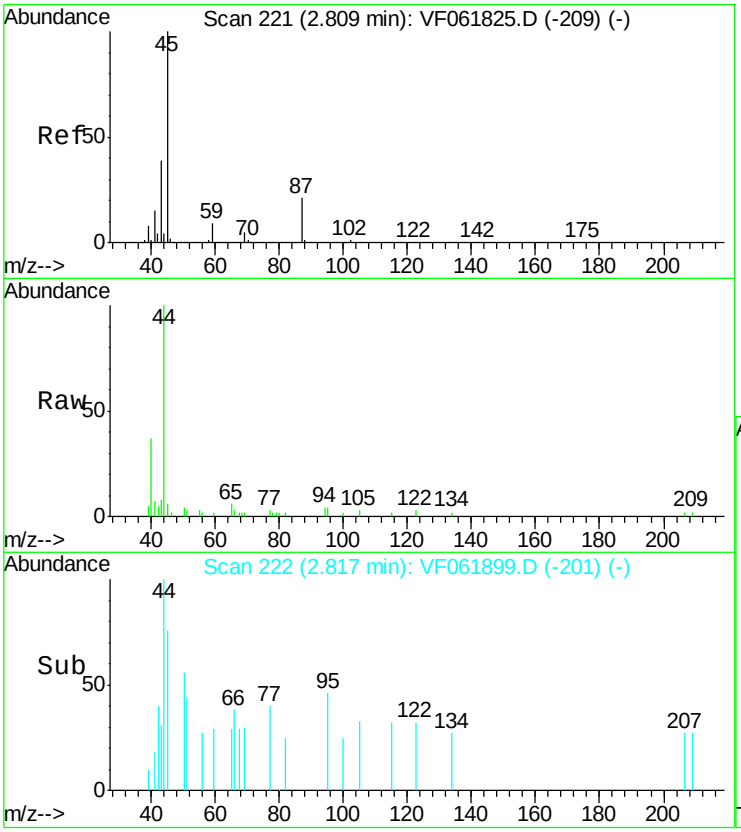


#21
trans-1,2-Dichloroethene
Concen: 124.236 ug/l
RT: 2.34 min Scan# 174
Delta R.T. 0.03 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Tgt Ion: 96 Resp: 60

Ion	Ratio	Lower	Upper
96	100		
61	0.0	101.0	151.6#
98	0.0	48.8	73.2#



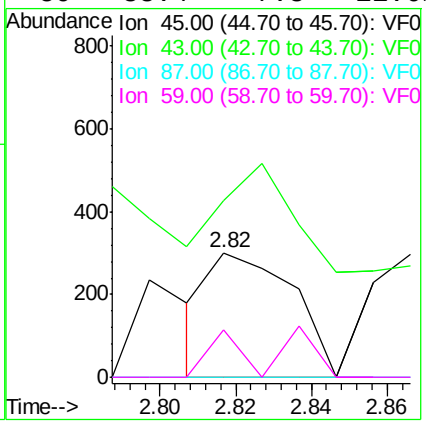


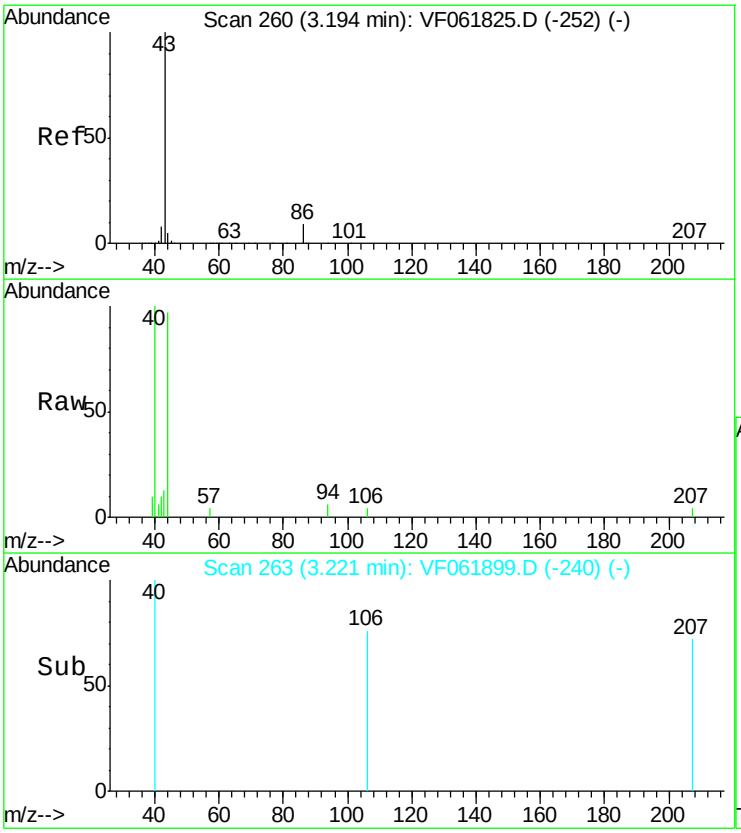
#22
Diisopropyl ether
Concen: 312.812 ug/l
RT: 2.82 min Scan# 222
Delta R.T. 0.01 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Instrument : MSVOA_F
ClientSampleId : NB-07-030819

Tgt Ion: 45 Resp: 460

Ion	Ratio	Lower	Upper
45	100		
43	141.4	31.8	47.8#
87	0.0	17.1	25.7#
59	38.4	7.8	11.6#

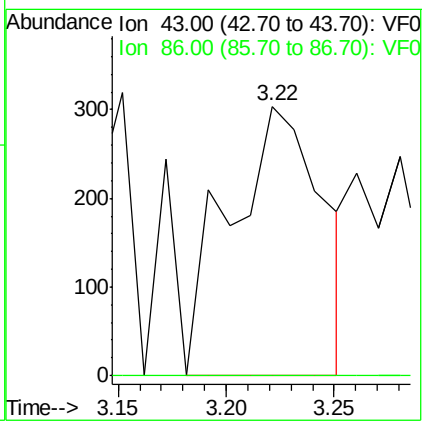


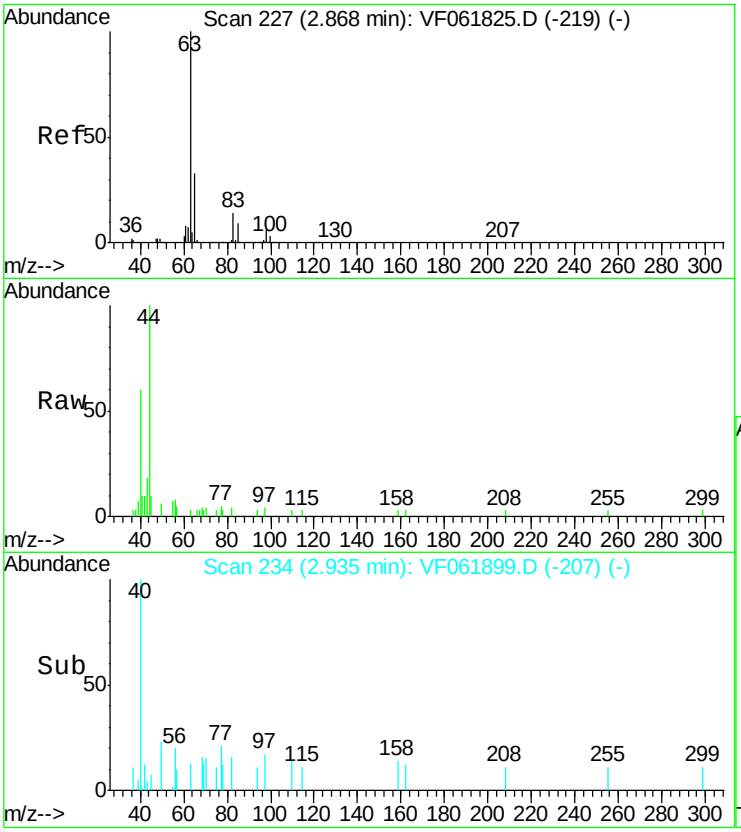


#23
Vinyl Acetate
Concen: 1382.174 ug/l
RT: 3.22 min Scan# 263
Delta R.T. 0.03 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Tgt Ion: 43 Resp: 908

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.0	10.4#



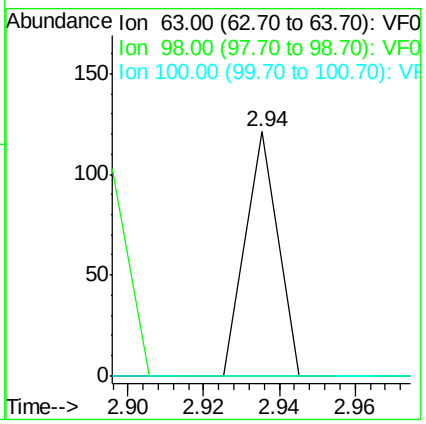


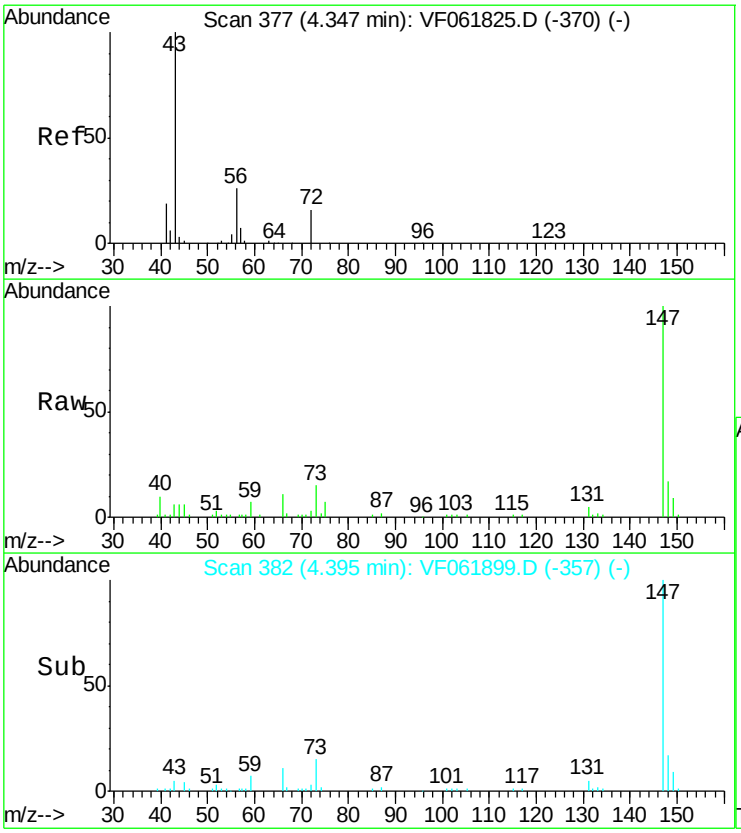
#24
1,1-Dichloroethane
Concen: 81.916 ug/l
RT: 2.94 min Scan# 234
Delta R.T. 0.07 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Instrument :
MSVOA_F
ClientSampleId :
NB-07-030819

Tgt Ion: 63 Resp: 72

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.9	8.6#
100	0.0	1.8	5.3#

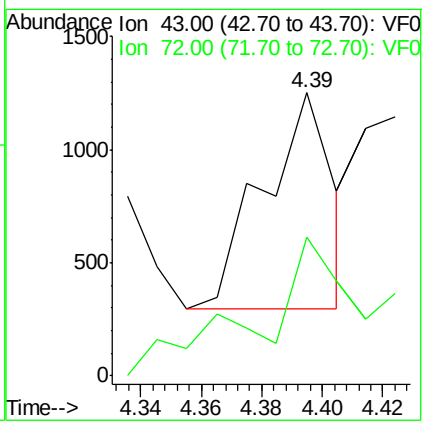


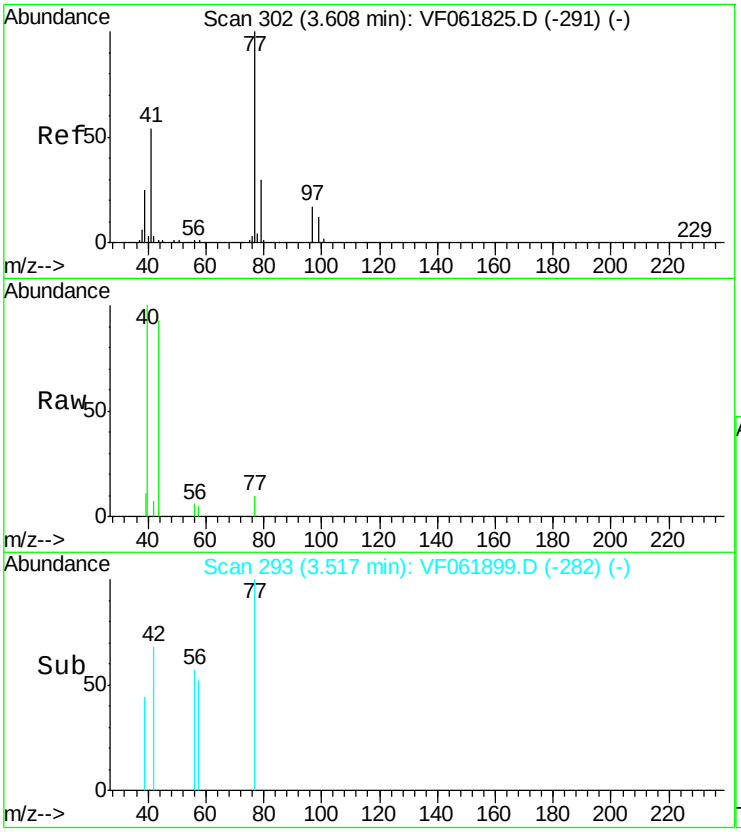


#25
2-Butanone
Concen: 8212.662 ug/l
RT: 4.39 min Scan# 382
Delta R.T. 0.05 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Tgt Ion: 43 Resp: 1529

Ion	Ratio	Lower	Upper
43	100		
72	49.1	16.2	24.4#



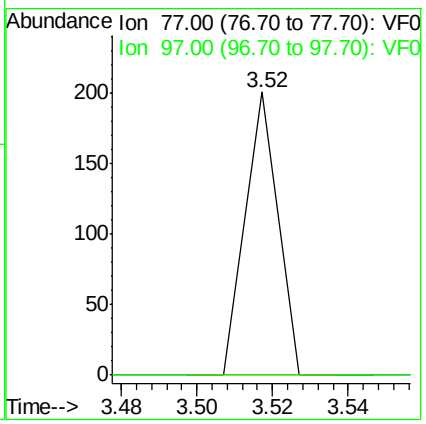


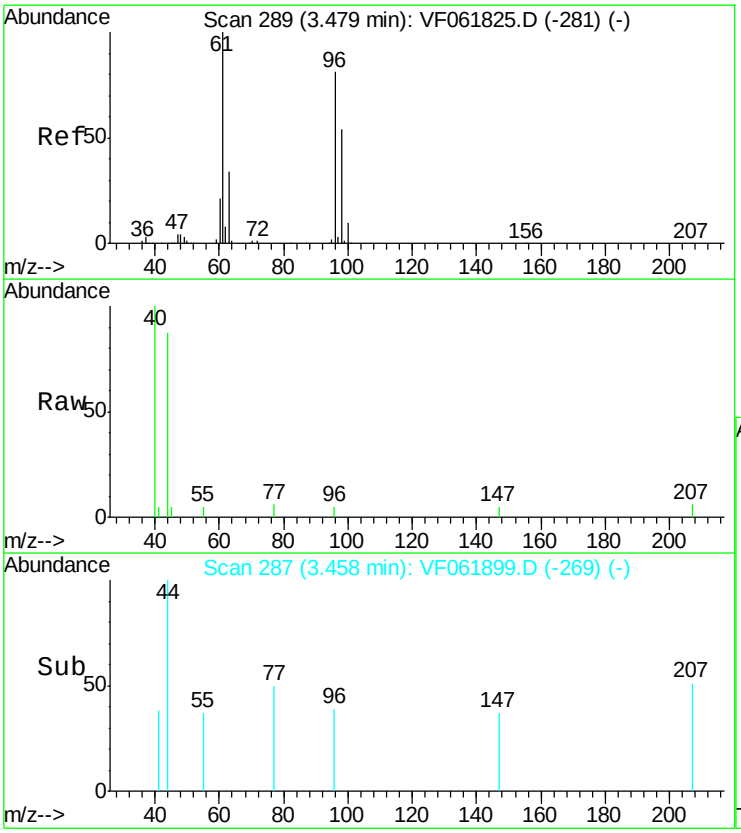
#26
2,2-Dichloropropane
Concen: 303.282 ug/l
RT: 3.52 min Scan# 293
Delta R.T. -0.09 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Instrument : MSVOA_F
ClientSampleId : NB-07-030819

Tgt Ion: 77 Resp: 119

Ion	Ratio	Lower	Upper
77	100		
97	0.0	10.4	31.4#

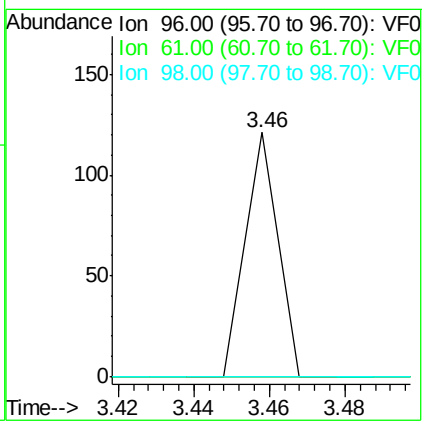


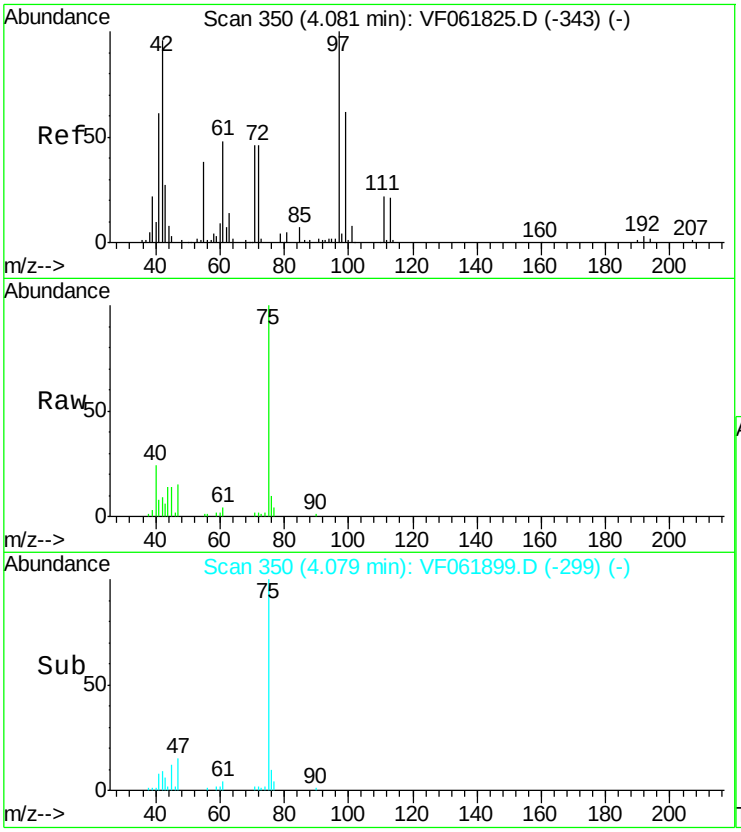


#27
cis-1,2-Dichloroethene
Concen: 107.607 ug/l
RT: 3.46 min Scan# 287
Delta R.T. -0.02 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Tgt Ion: 96 Resp: 72

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	245.8
98	0.0	0.0	132.6



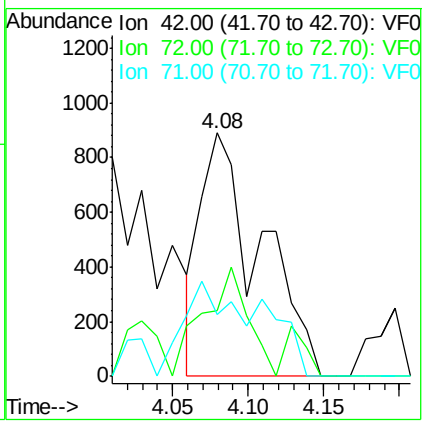


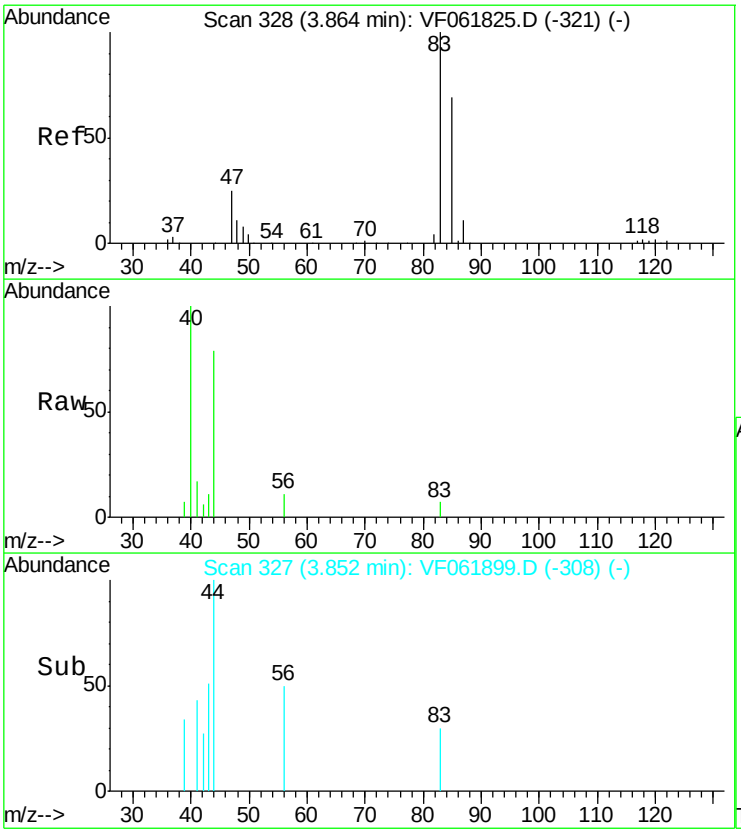
#29
Tetrahydrofuran
Concen: 30264.523 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.00 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Instrument :
MSVOA_F
ClientSampleId :
NB-07-030819

Tgt Ion: 42 Resp: 2430

Ion	Ratio	Lower	Upper
42	100		
72	33.9	34.4	51.6#
71	33.5	34.6	52.0#

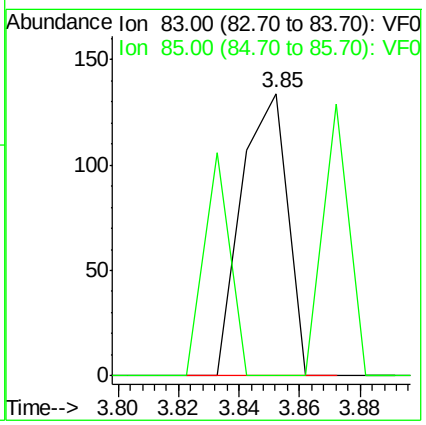


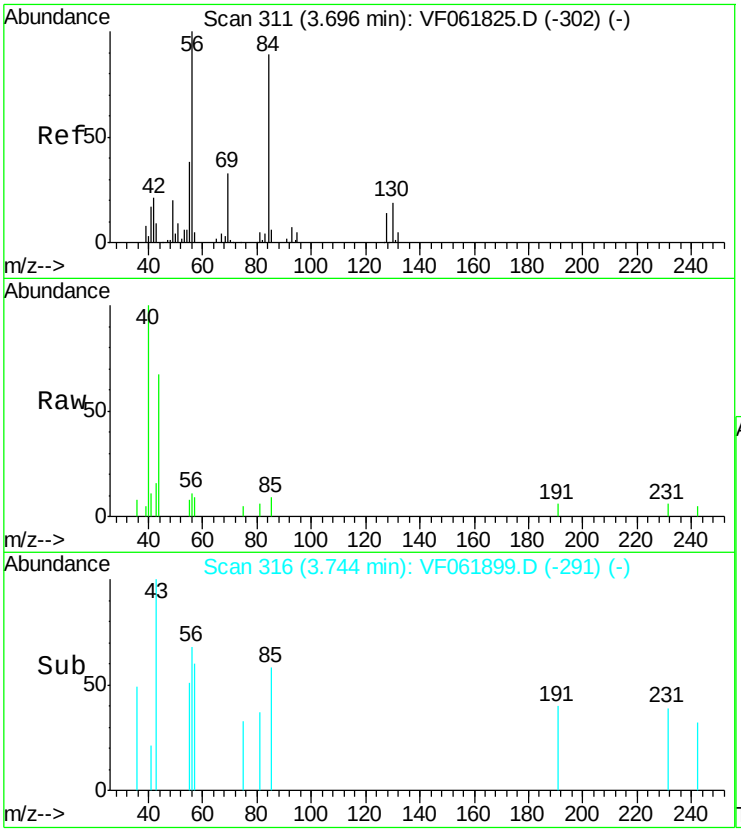


#30
Chloroform
Concen: 142.437 ug/l
RT: 3.85 min Scan# 327
Delta R.T. -0.01 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Tgt Ion: 83 Resp: 143

Ion	Ratio	Lower	Upper
83	100		
85	0.0	55.3	82.9#



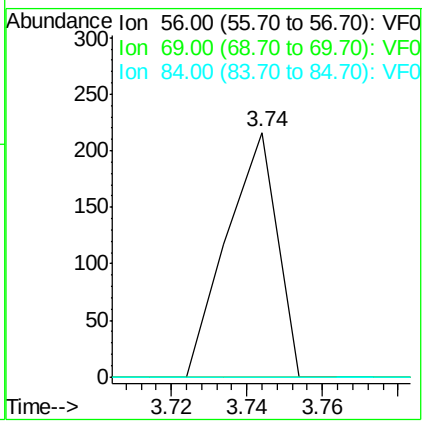


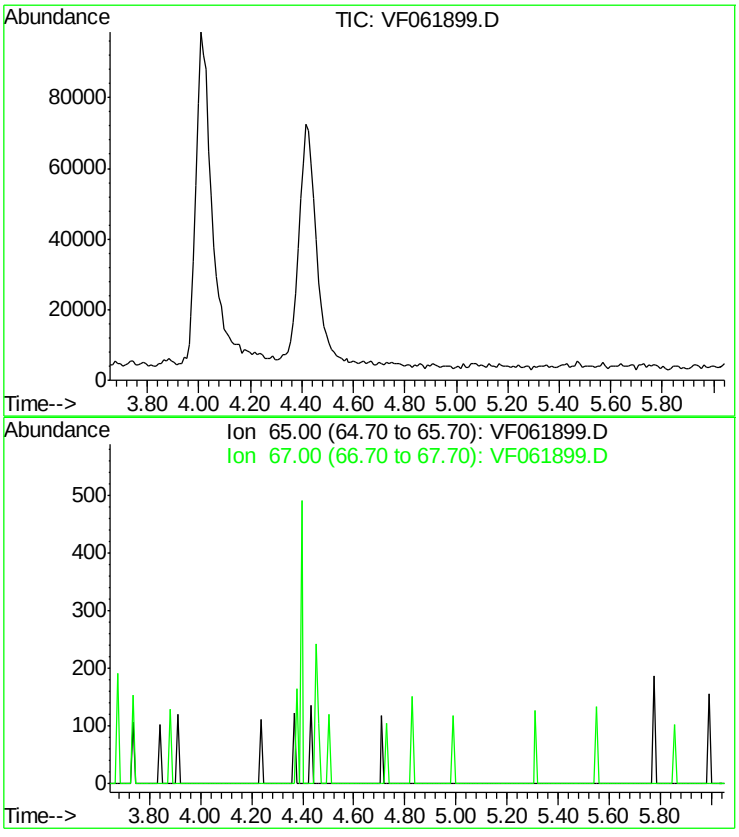
#31
Cyclohexane
Concen: 215.073 ug/l
RT: 3.74 min Scan# 316
Delta R.T. 0.05 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Instrument : MSVOA_F
ClientSampleId : NB-07-030819

Tgt Ion: 56 Resp: 198

Ion	Ratio	Lower	Upper
56	100		
69	0.0	26.0	39.0#
84	0.0	71.0	106.6#



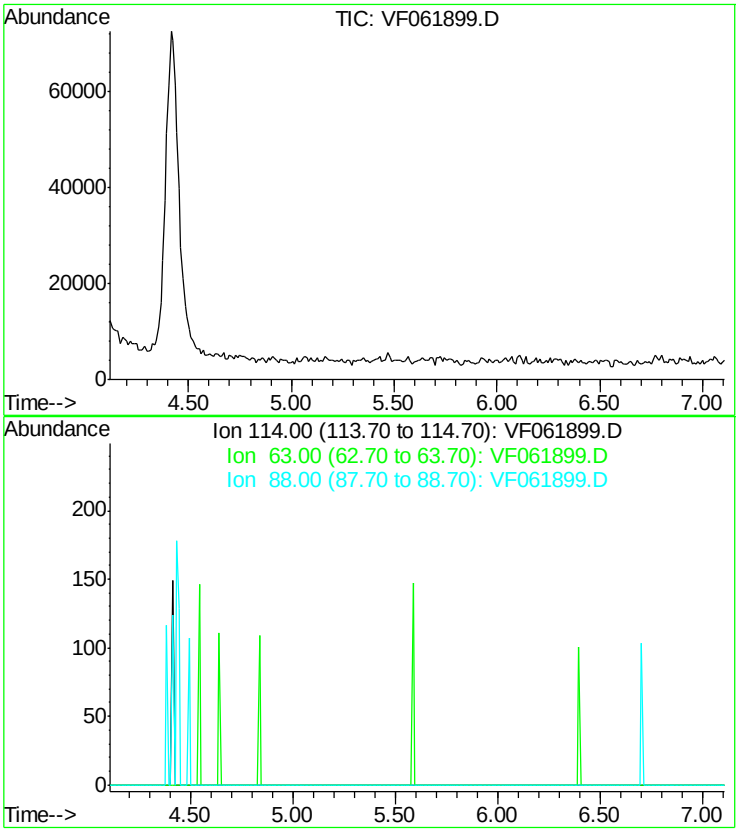


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 4.85 min

Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Tgt Ion: 65

Sig	Exp Ratio
65	100
67	54.3



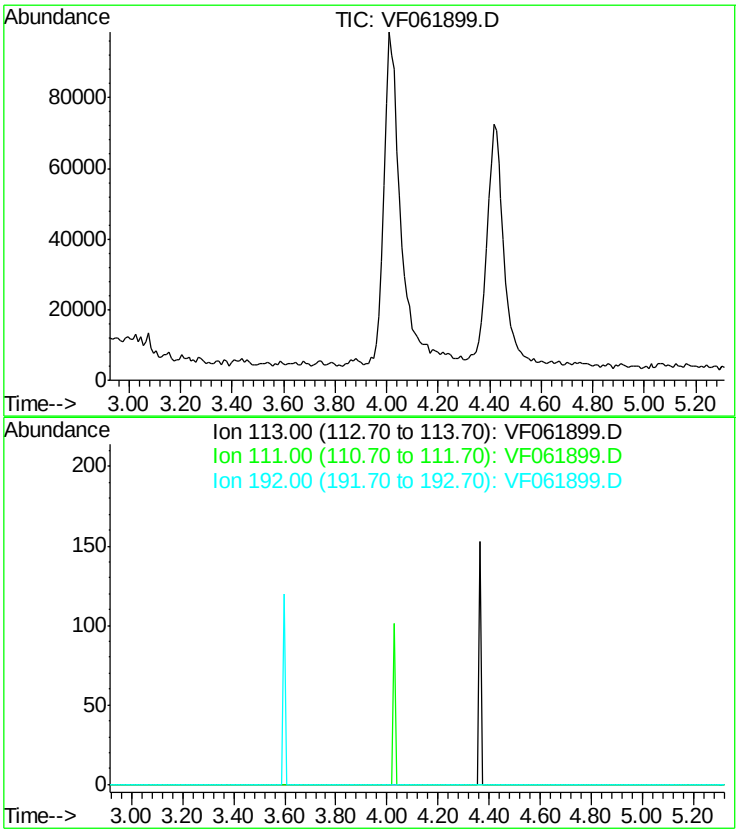
#34
1,4-Difluorobenzene
Concen: 0.000 ug/l
Expected RT: 5.61 min

Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Tgt Ion: 114

Sig	Exp Ratio
114	100
63	17.8
88	17.8

Instrument :
MSVOA_F
ClientSampleId :
NB-07-030819

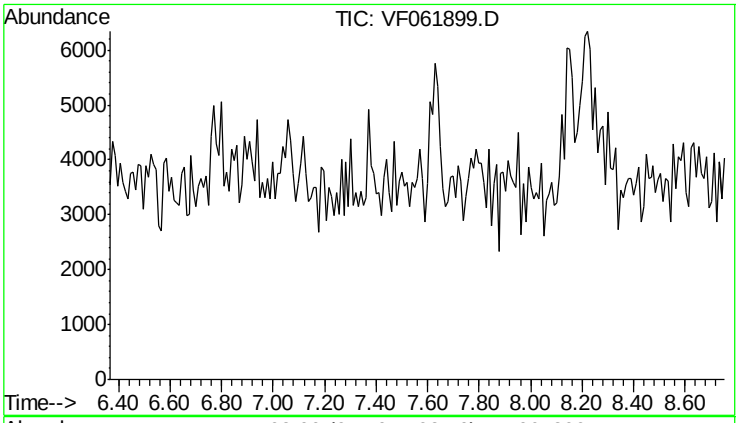


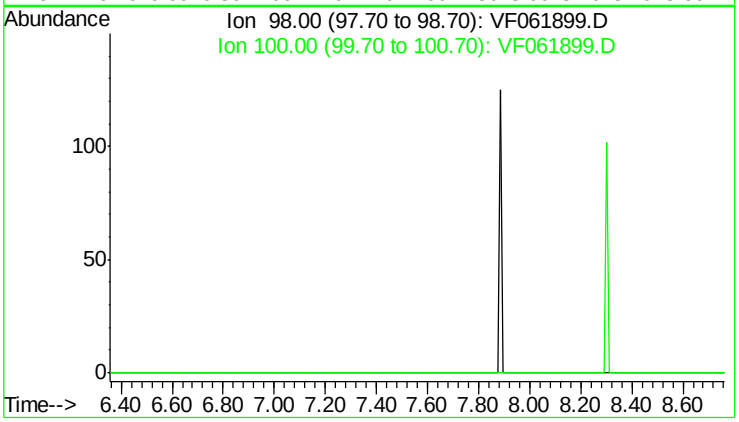
#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 4.12 min

Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	97.0
192	19.9





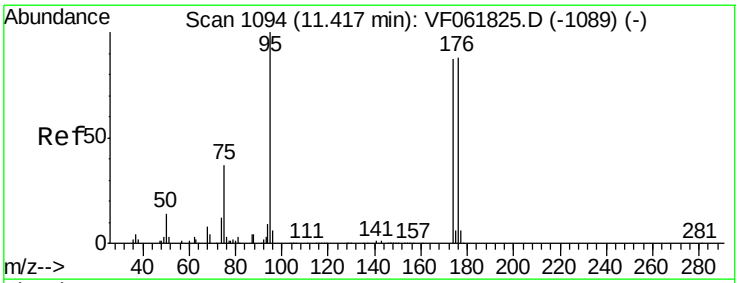
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 7.56 min

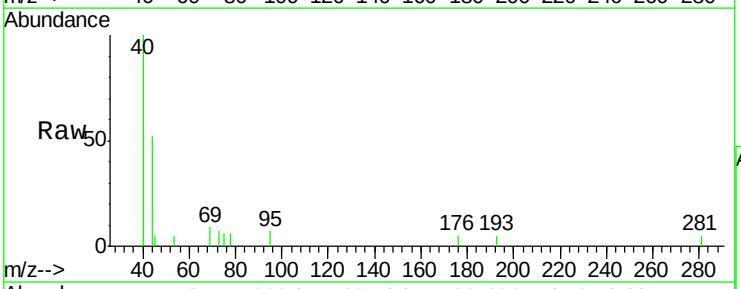
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

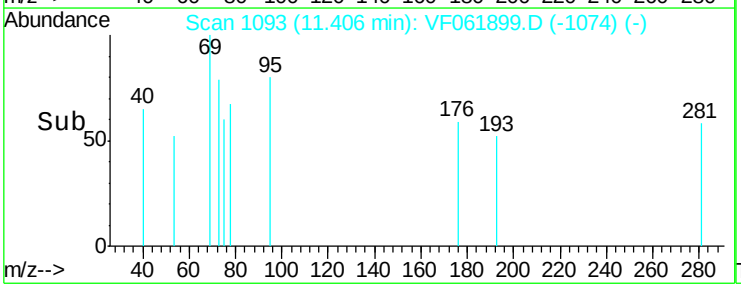
Tgt Ion: 98

Sig	Exp Ratio
98	100
100	70.0

Instrument :
MSVOA_F
ClientSampleId :
NB-07-030819



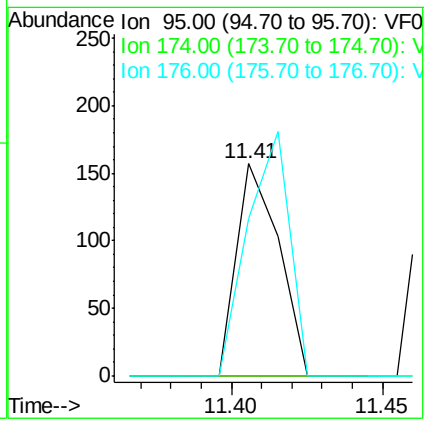


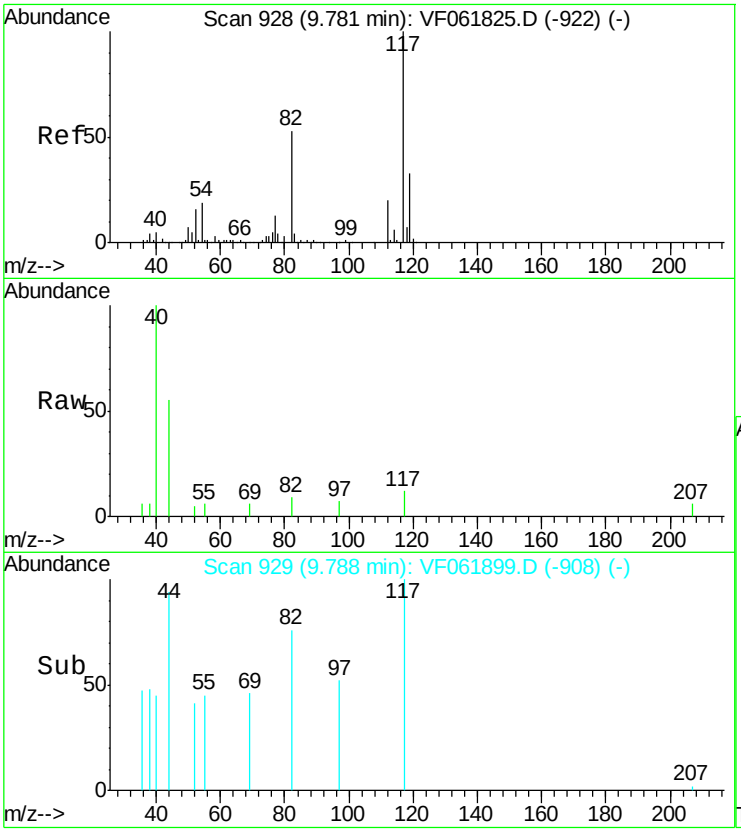


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Tgt Ion: 95 Resp: 154

Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	174.0
176	73.9	0.0	175.2



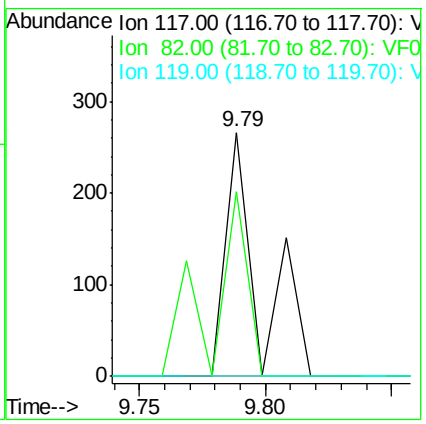


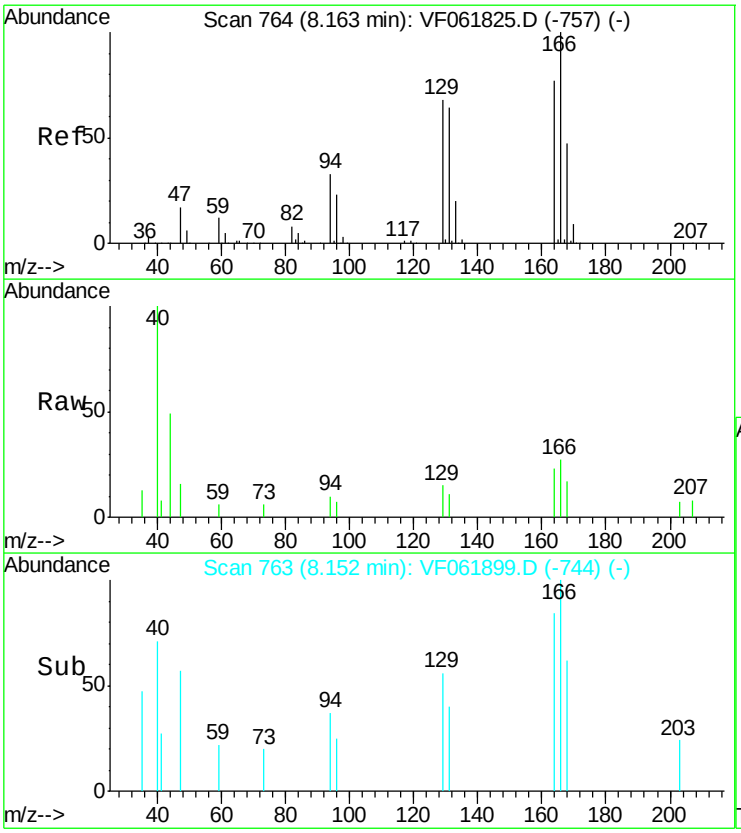
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.01 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Instrument : MSVOA_F
ClientSampleId : NB-07-030819

Tgt Ion:117 Resp: 247

Ion	Ratio	Lower	Upper
117	100		
82	75.6	42.6	63.8#
119	0.0	26.0	39.0#

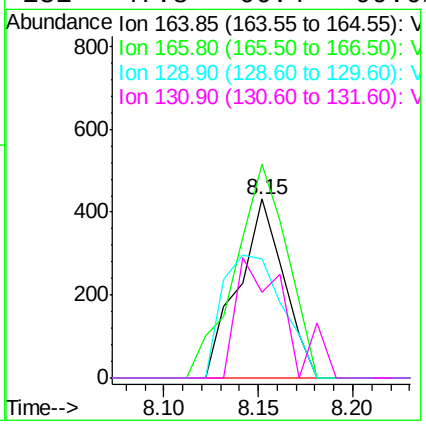


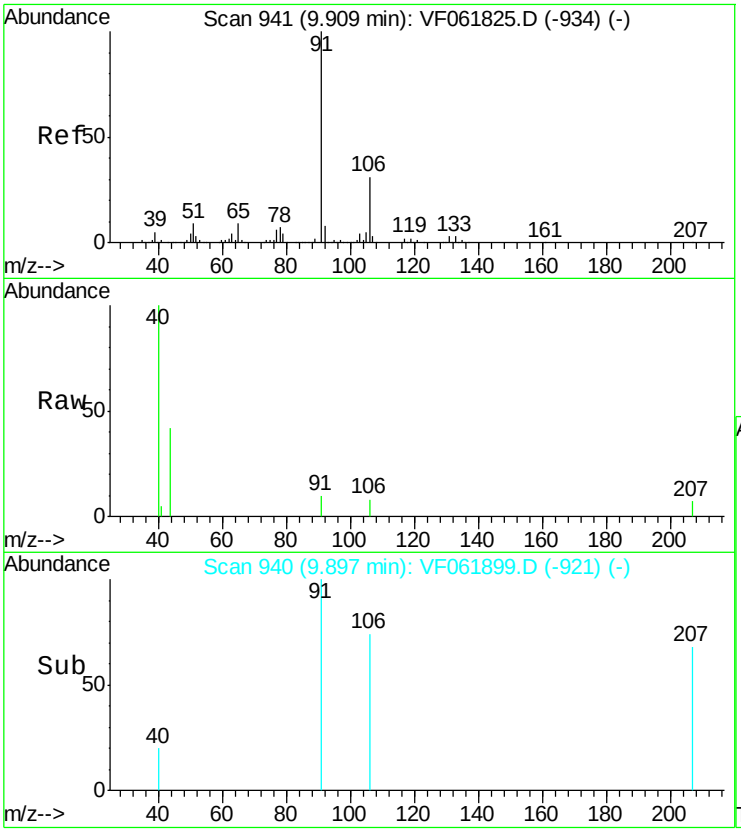


#64
Tetrachloroethene
Concen: 378.833 ug/l
RT: 8.15 min Scan# 763
Delta R.T. -0.01 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Tgt Ion:164 Resp: 719

Ion	Ratio	Lower	Upper
164	100		
166	119.5	103.4	155.0
129	66.4	69.9	104.9#
131	47.8	66.4	99.6#



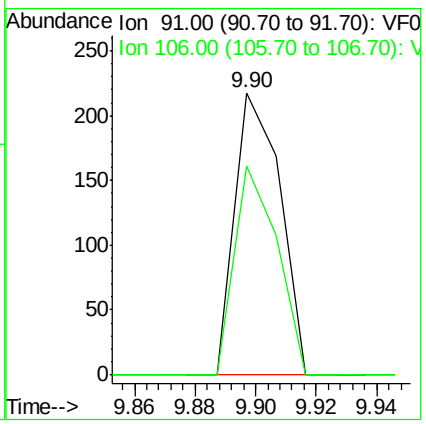


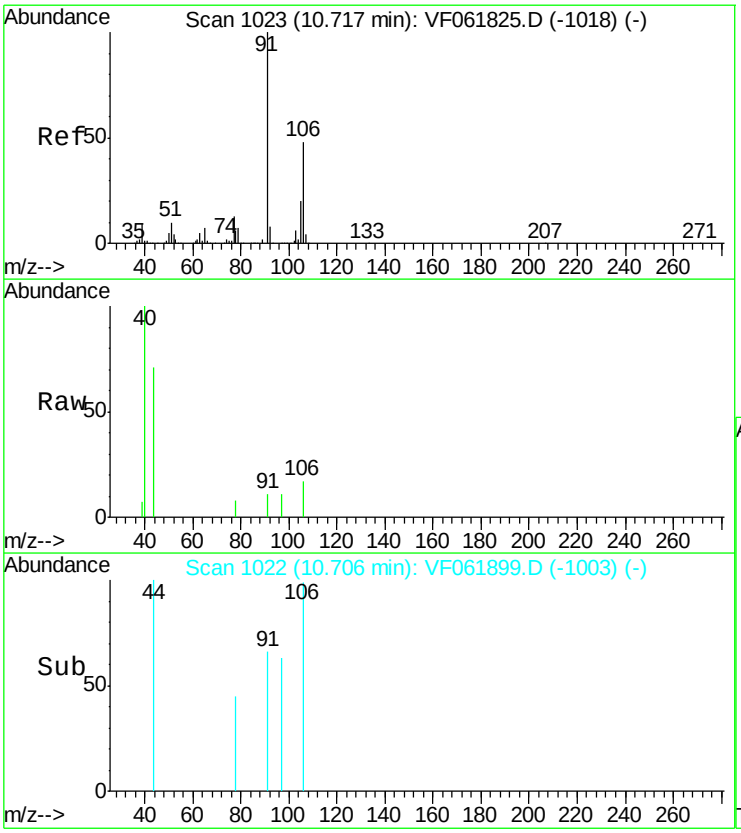
#67
Ethyl Benzene
Concen: 29.115 ug/l
RT: 9.90 min Scan# 940
Delta R.T. -0.01 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Instrument :
MSVOA_F
ClientSampleId :
NB-07-030819

Tgt Ion: 91 Resp: 229

Ion	Ratio	Lower	Upper
91	100		
106	73.9	25.0	37.4#

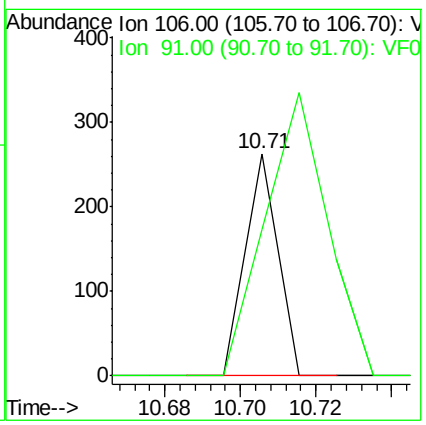


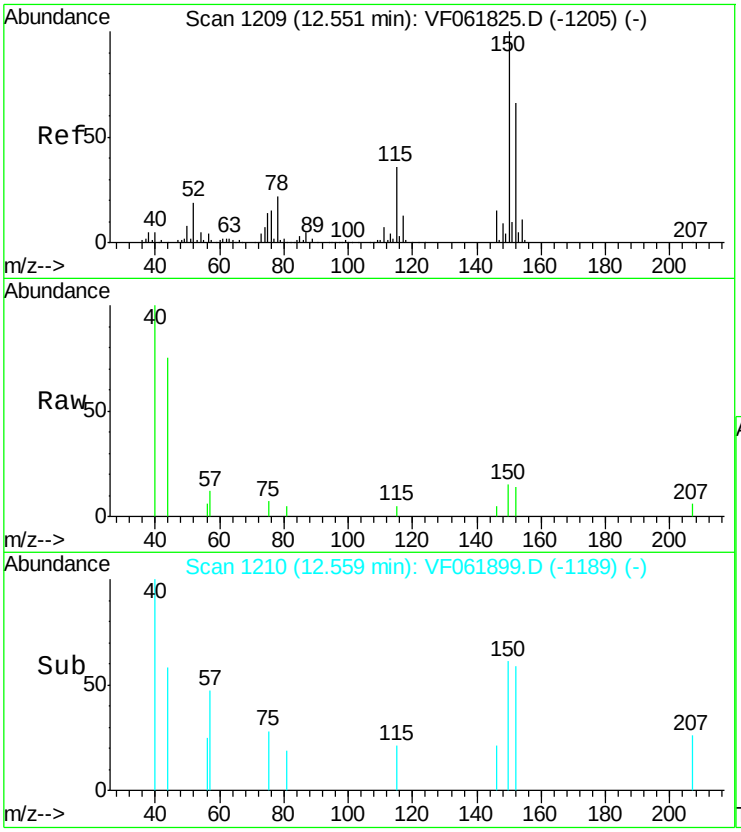


#69
o-Xylene
Concen: 48.081 ug/l
RT: 10.71 min Scan# 1022
Delta R.T. -0.01 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Tgt Ion:106 Resp: 156

Ion	Ratio	Lower	Upper
106	100		
91	66.2	103.5	310.3#



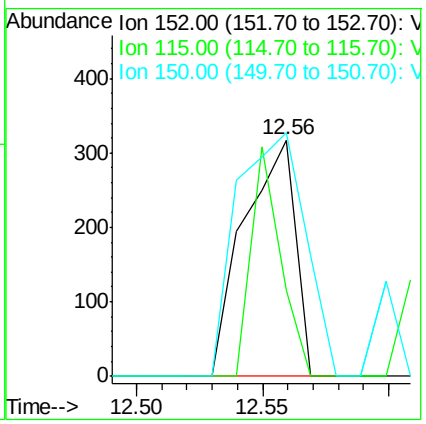


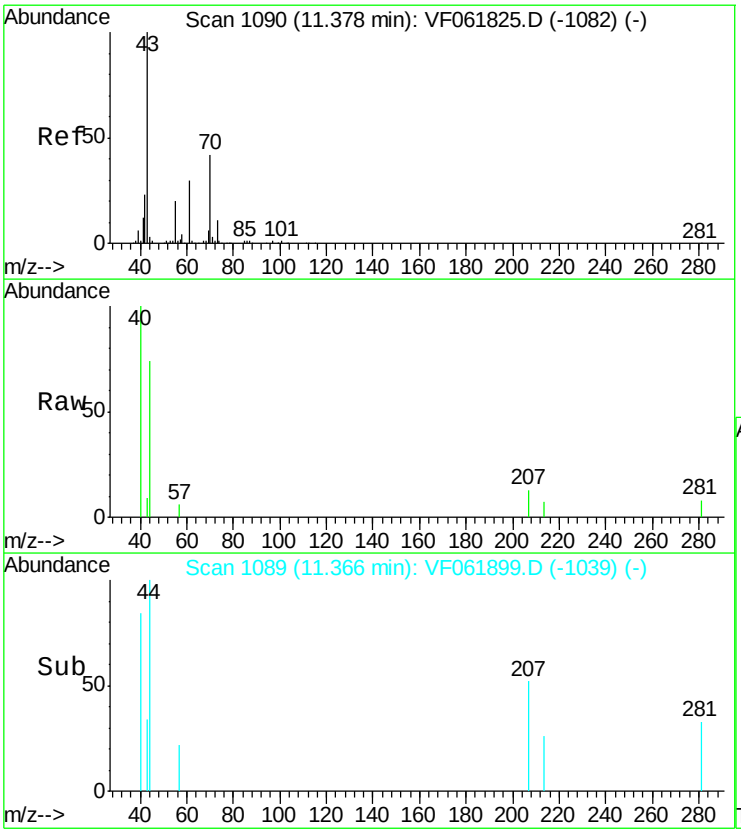
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.01 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Instrument : MSVOA_F
ClientSampleId : NB-07-030819

Tgt Ion:152 Resp: 450

Ion	Ratio	Lower	Upper
152	100		
115	36.3	27.7	83.1
150	103.2	0.0	304.2

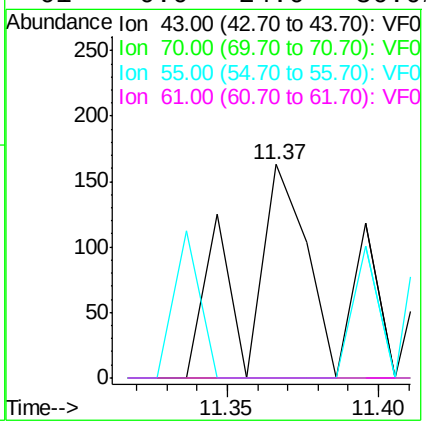


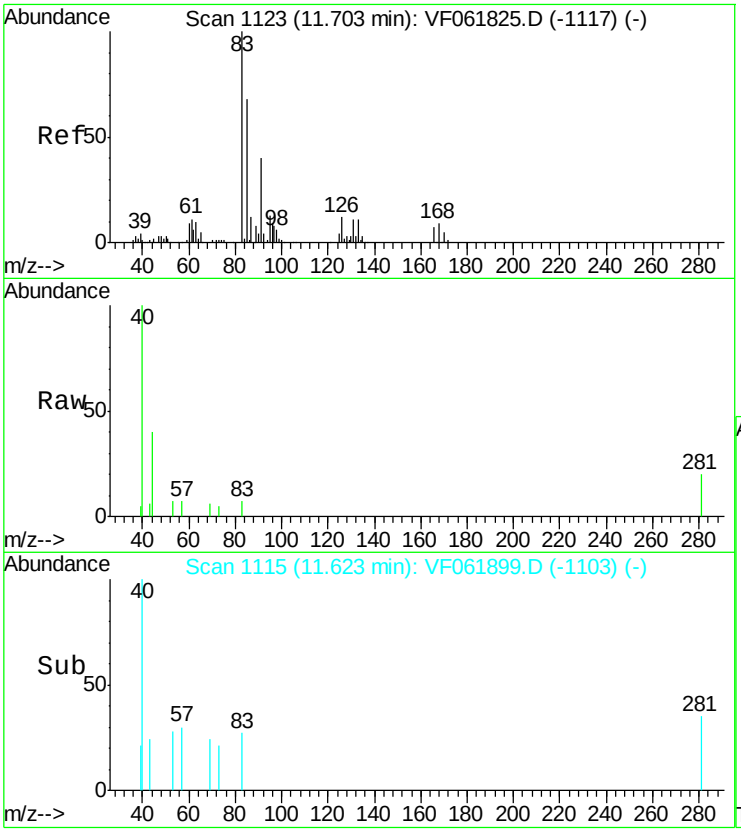


#74
N-amyl acetate
Concen: 32.529 ug/l
RT: 11.37 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Tgt Ion: 43 Resp: 232

Ion	Ratio	Lower	Upper
43	100		
70	0.0	33.4	50.0#
55	0.0	16.3	24.5#
61	0.0	24.0	36.0#



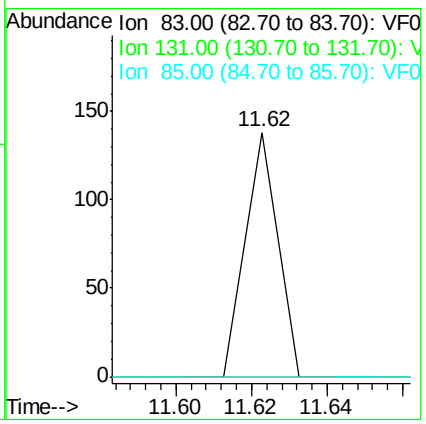


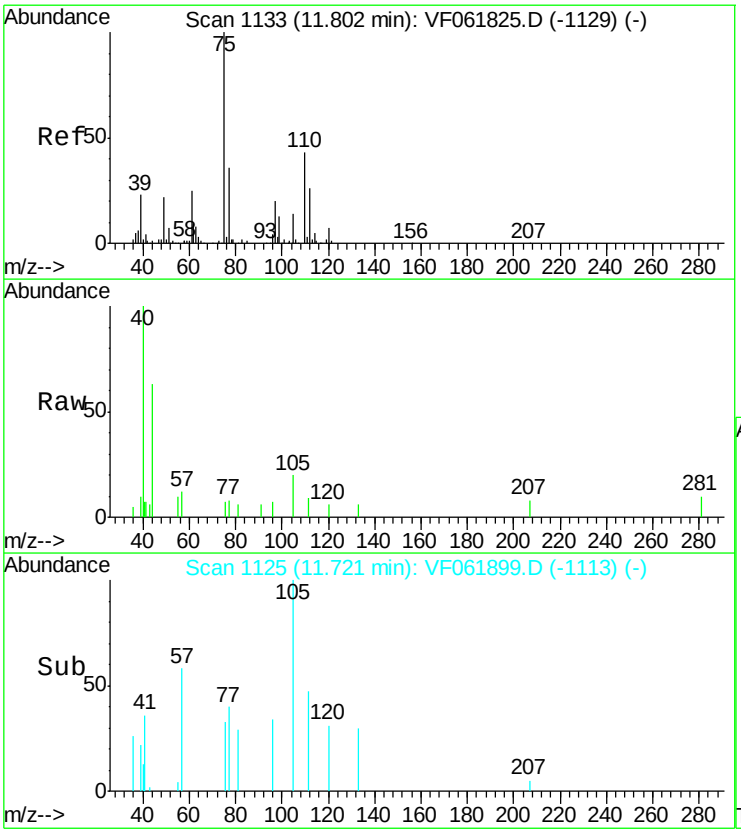
#75
1,1,2,2-Tetrachloroethane
Concen: 15.925 ug/l
RT: 11.62 min Scan# 1115
Delta R.T. -0.08 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Instrument : MSVOA_F
ClientSampleId : NB-07-030819

Tgt Ion: 83 Resp: 82

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.5	16.7#
85	0.0	34.2	102.6#

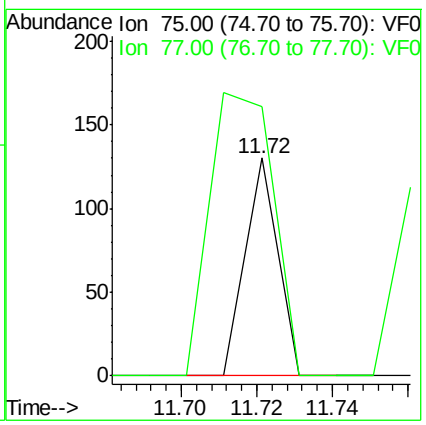


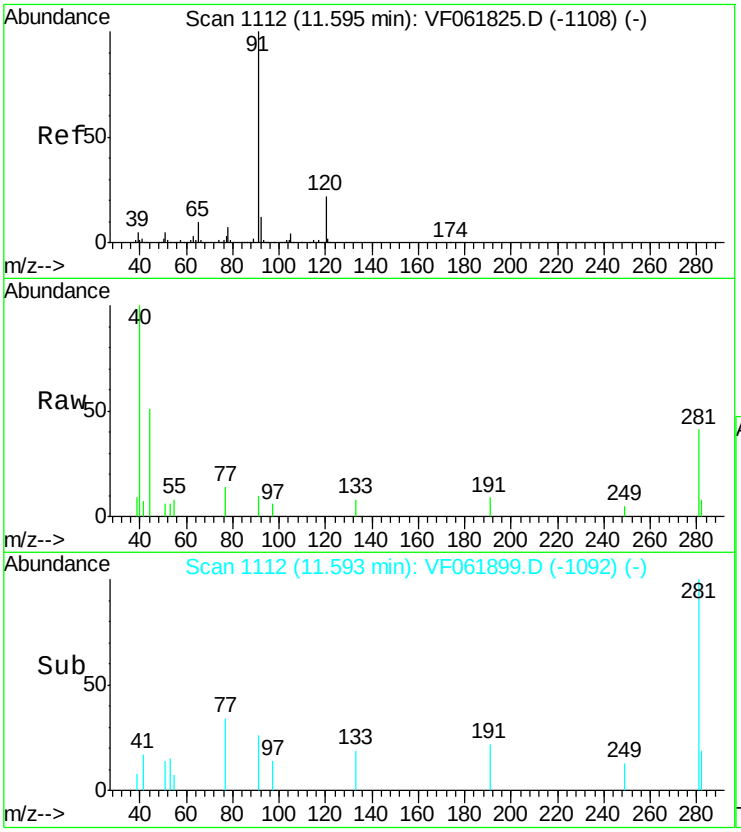


#76
1,2,3-Trichloropropane
Concen: 21.911 ug/l
RT: 11.72 min Scan# 1125
Delta R.T. -0.08 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Tgt Ion: 75 Resp: 77

Ion	Ratio	Lower	Upper
75	100		
77	123.8	18.1	54.4#



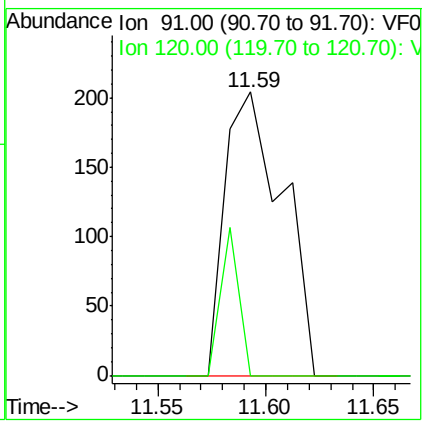


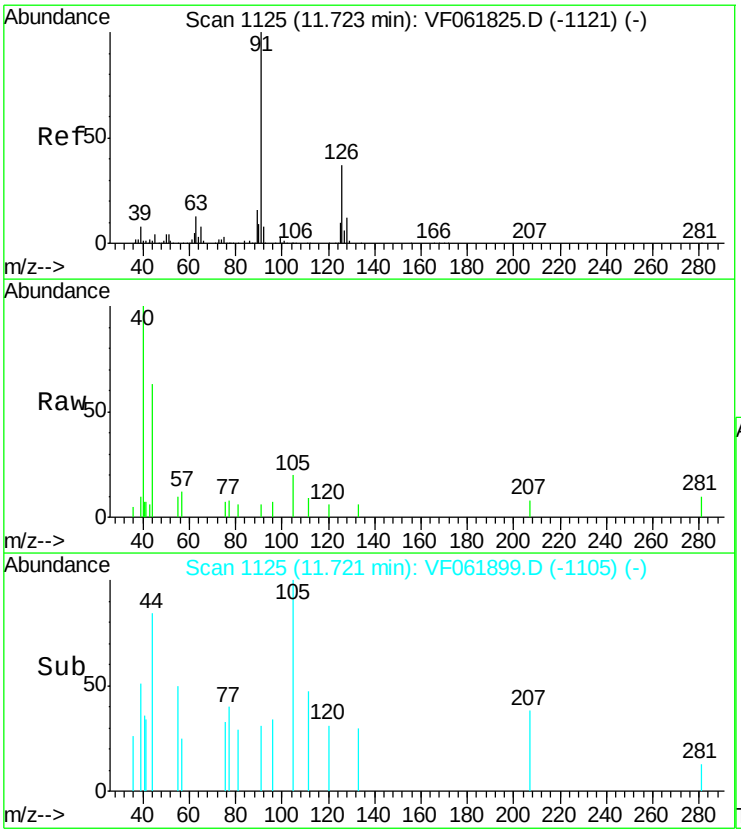
#78
n-propylbenzene
Concen: 10.919 ug/l
RT: 11.59 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Instrument : MSVOA_F
ClientSampleId : NB-07-030819

Tgt Ion: 91 Resp: 382

Ion	Ratio	Lower	Upper
91	100		
120	0.0	11.1	33.1#

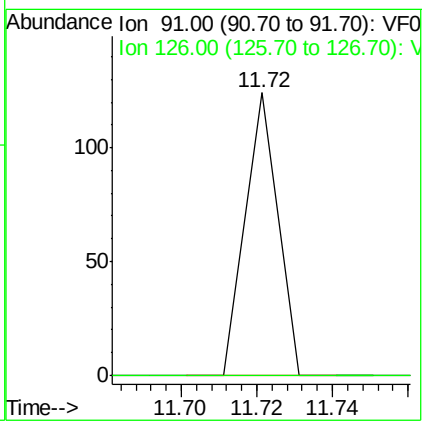


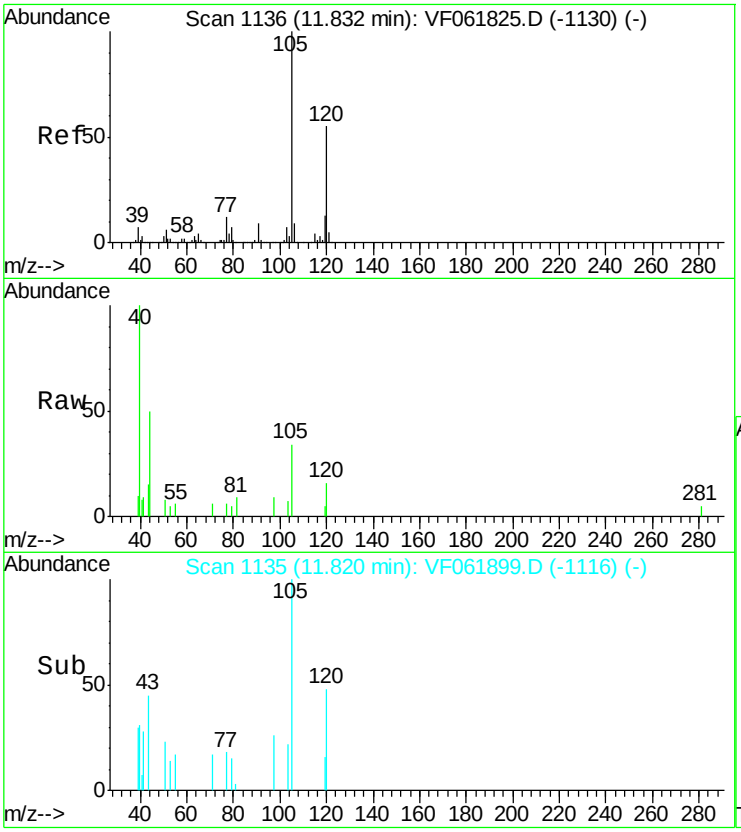


#79
2-Chlorotoluene
Concen: 3.650 ug/l
RT: 11.72 min Scan# 1125
Delta R.T. -0.00 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Tgt Ion: 91 Resp: 73

Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.1	54.4#



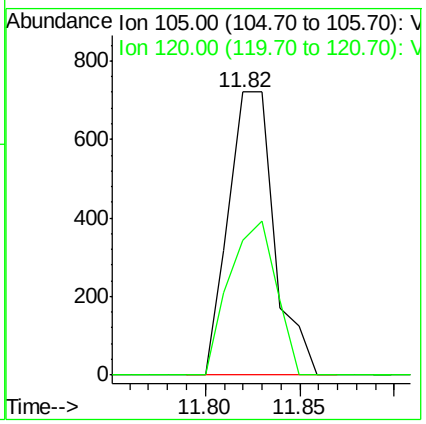


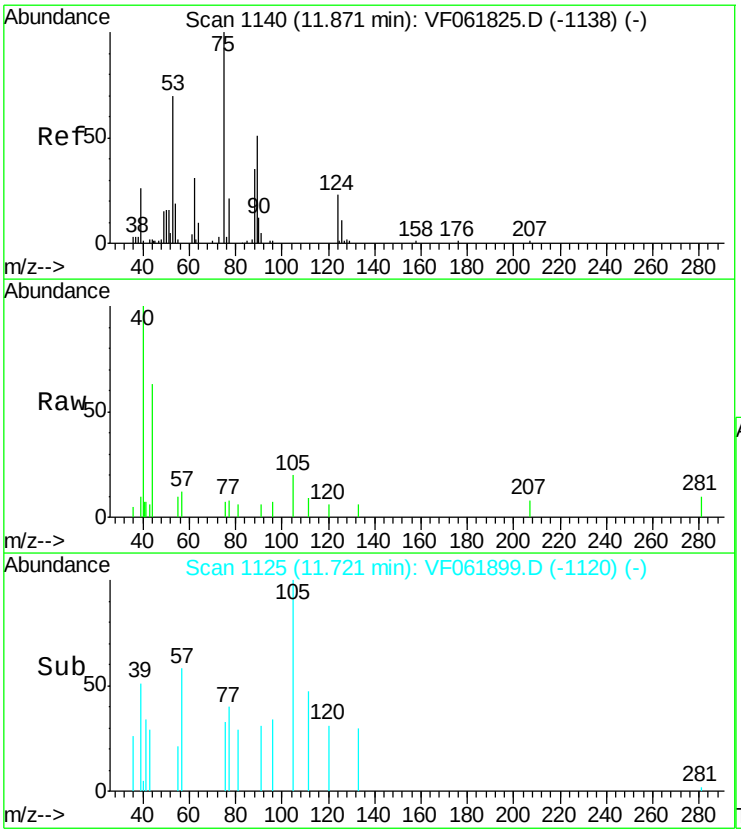
#80
1,3,5-Trimethylbenzene
Concen: 48.767 ug/l
RT: 11.82 min Scan# 1135
Delta R.T. -0.01 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Instrument :
MSVOA_F
ClientSampleId :
NB-07-030819

Tgt Ion:105 Resp: 1213

Ion	Ratio	Lower	Upper
105	100		
120	47.6	27.4	82.2

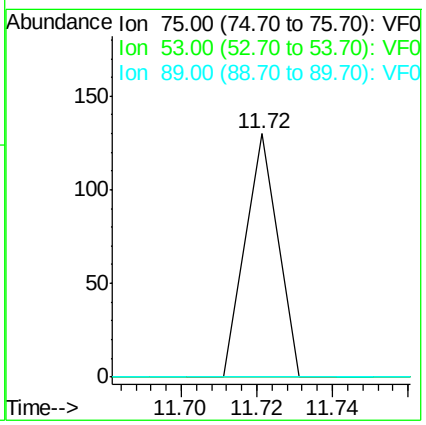


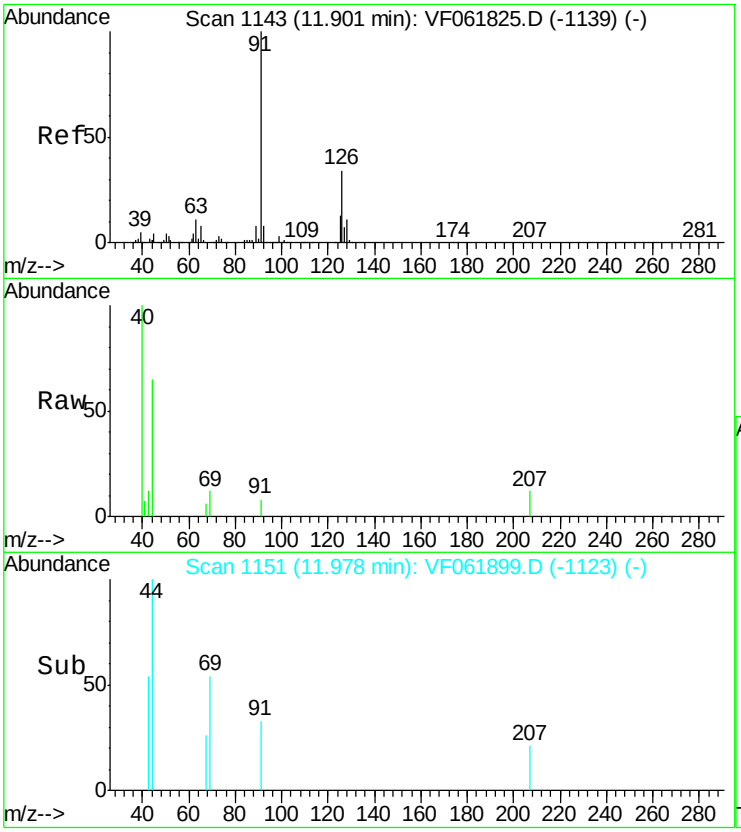


#81
trans-1,4-Dichloro-2-butene
Concen: 47.917 ug/l
RT: 11.72 min Scan# 1125
Delta R.T. -0.15 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Tgt Ion: 75 Resp: 77

Ion	Ratio	Lower	Upper
75	100		
53	0.0	58.6	88.0#
89	0.0	41.4	62.0#



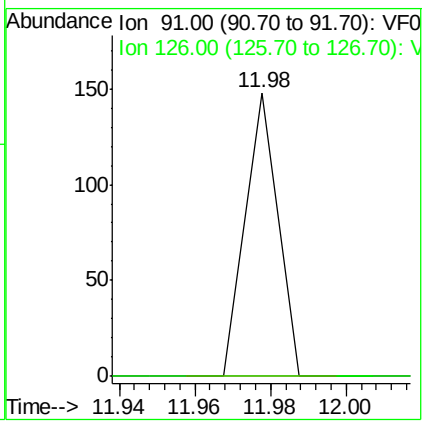


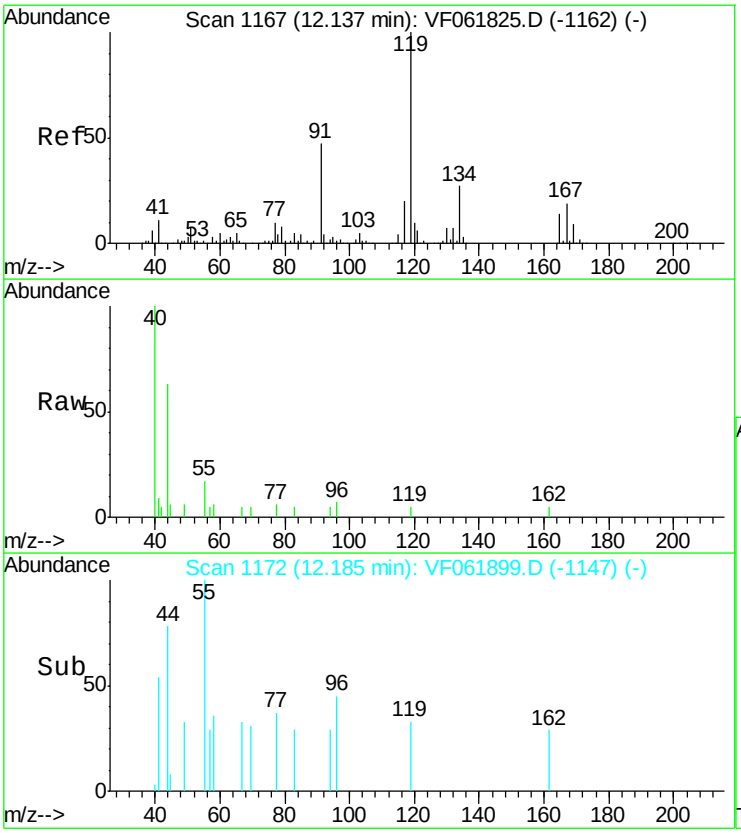
#82
4-Chlorotoluene
Concen: 4.301 ug/l
RT: 11.98 min Scan# 1151
Delta R.T. 0.08 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Instrument : MSVOA_F
ClientSampleId : NB-07-030819

Tgt Ion: 91 Resp: 88

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.0	50.9#

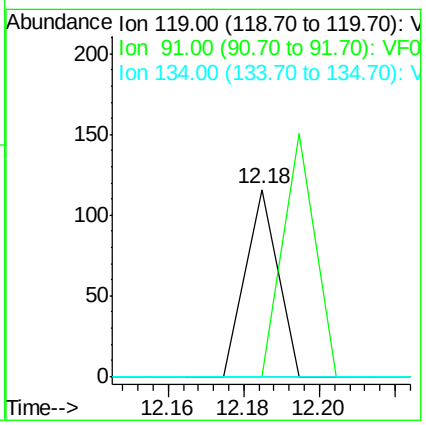


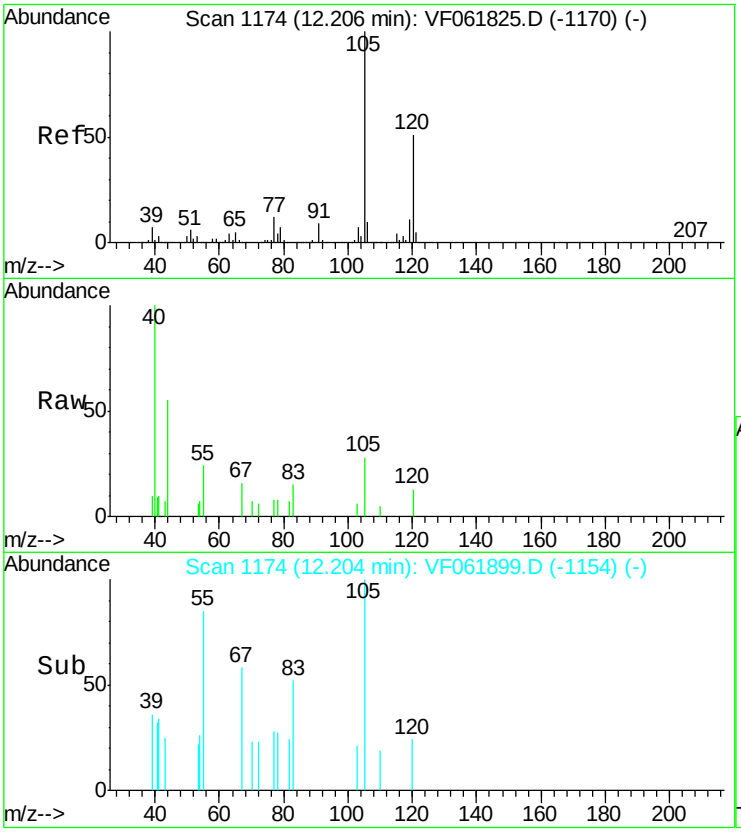


#83
tert-Butylbenzene
Concen: 2.613 ug/l
RT: 12.18 min Scan# 1172
Delta R.T. 0.05 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Tgt Ion:119 Resp: 69

Ion	Ratio	Lower	Upper
119	100		
91	0.0	23.5	70.5#
134	0.0	13.3	39.8#



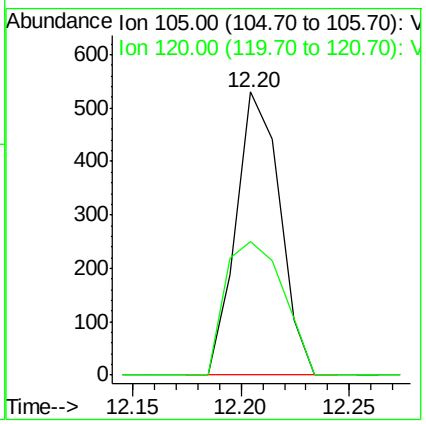


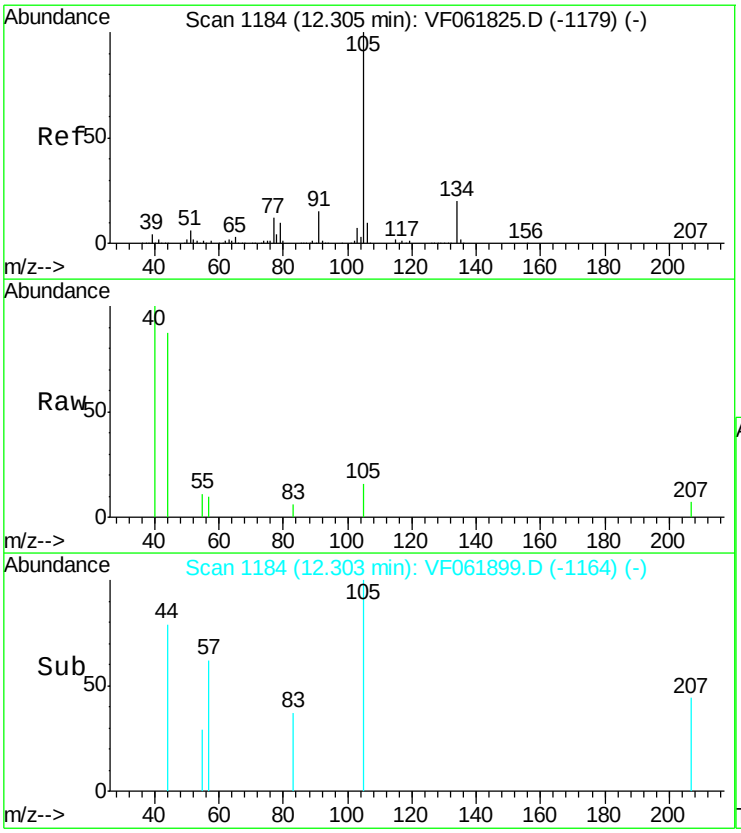
#84
1,2,4-Trimethylbenzene
Concen: 30.636 ug/l
RT: 12.20 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Instrument :
MSVOA_F
ClientSampleId :
NB-07-030819

Tgt Ion:105 Resp: 747

Ion	Ratio	Lower	Upper
105	100		
120	47.4	25.8	77.4

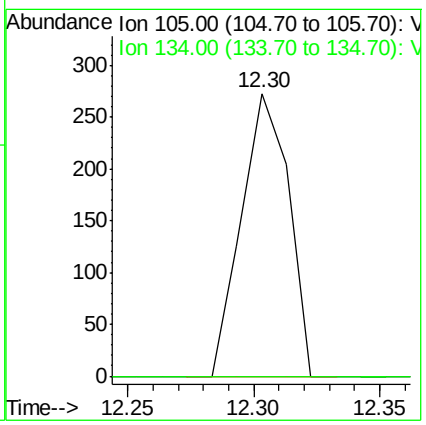


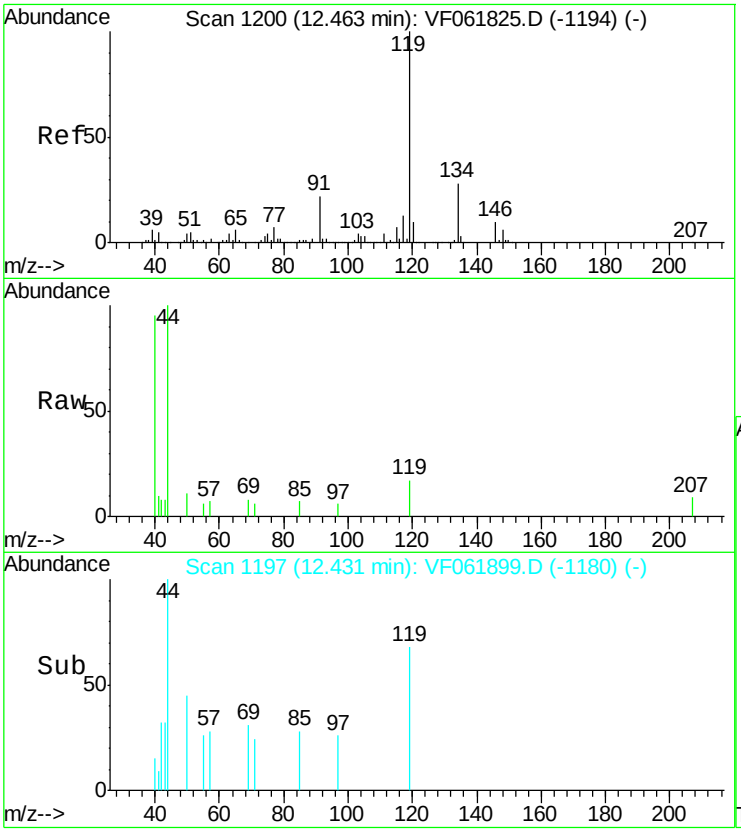


#85
sec-Butylbenzene
Concen: 10.387 ug/l
RT: 12.30 min Scan# 1184
Delta R.T. -0.00 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Tgt Ion:105 Resp: 357

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.8	29.5#



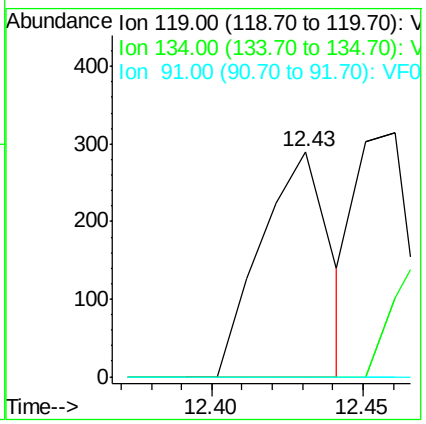


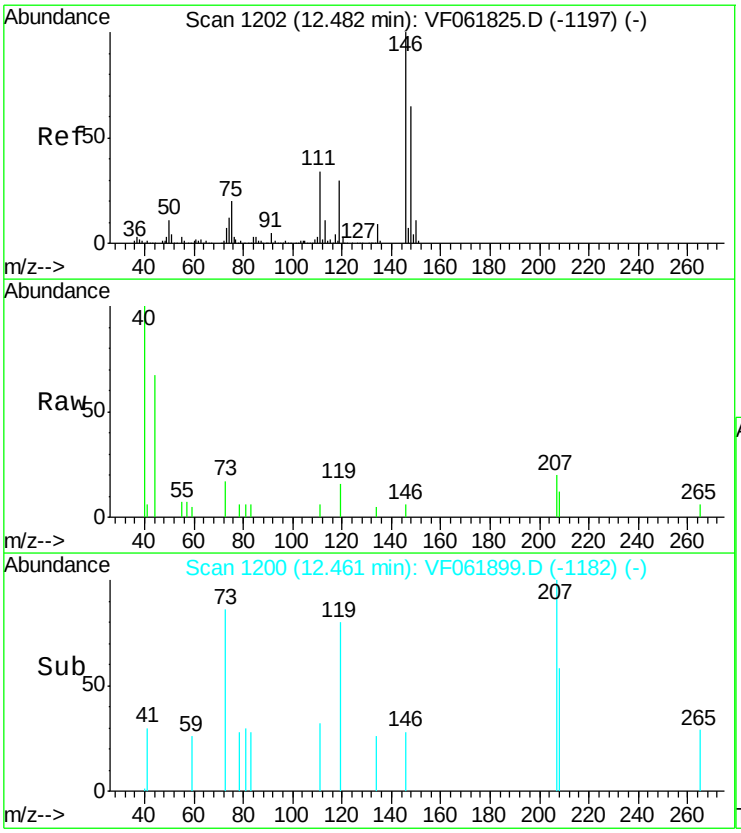
#86
p-Isopropyltoluene
Concen: 15.745 ug/l
RT: 12.43 min Scan# 1197
Delta R.T. -0.03 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Instrument : MSVOA_F
ClientSampleId : NB-07-030819

Tgt Ion:119 Resp: 460

Ion	Ratio	Lower	Upper
119	100		
134	0.0	14.0	42.0#
91	0.0	11.1	33.3#

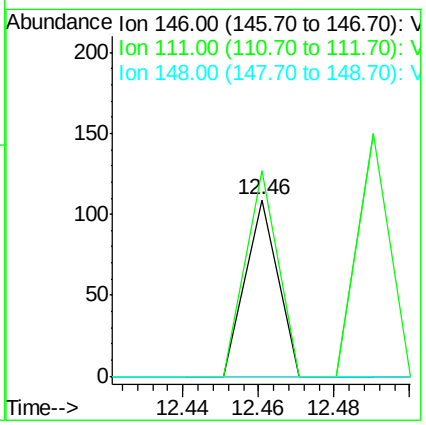


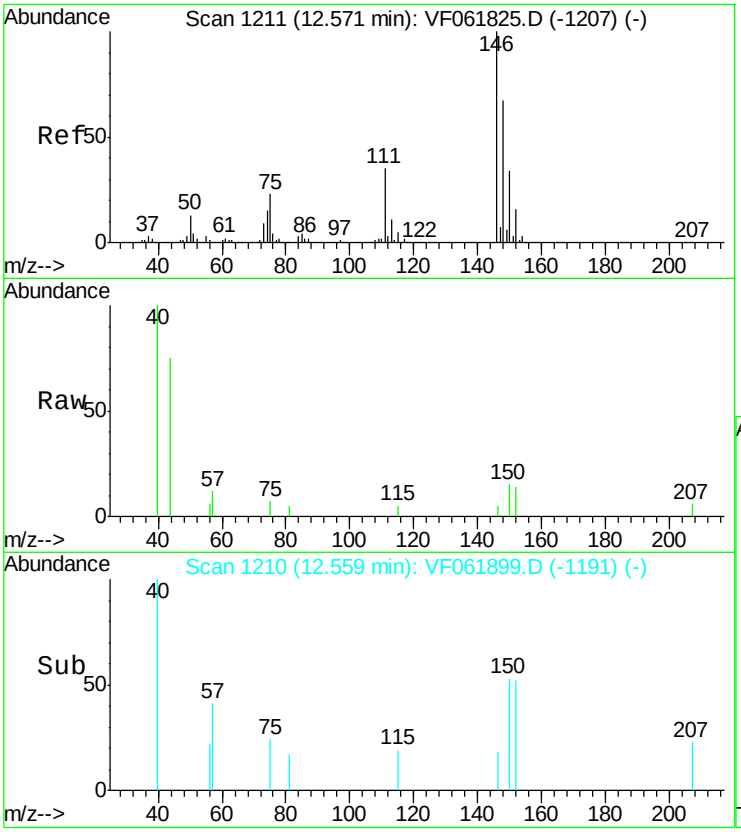


#87
1,3-Dichlorobenzene
Concen: 4.521 ug/l
RT: 12.46 min Scan# 1200
Delta R.T. -0.02 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Tgt Ion:146 Resp: 64

Ion	Ratio	Lower	Upper
146	100		
111	116.5	17.0	51.0#
148	0.0	32.5	97.5#



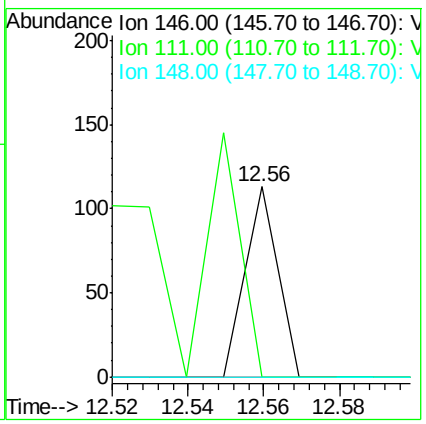


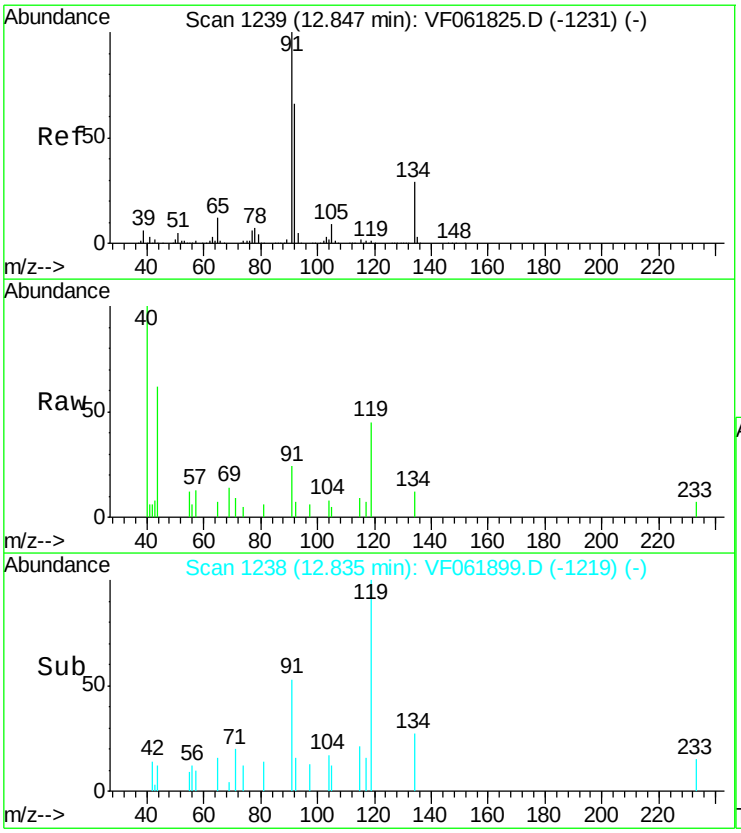
#88
1,4-Dichlorobenzene
Concen: 4.906 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. -0.01 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Instrument : MSVOA_F
ClientSampleId : NB-07-030819

Tgt Ion:146 Resp: 67

Ion	Ratio	Lower	Upper
146	100		
111	0.0	17.6	52.9#
148	0.0	33.5	100.4#

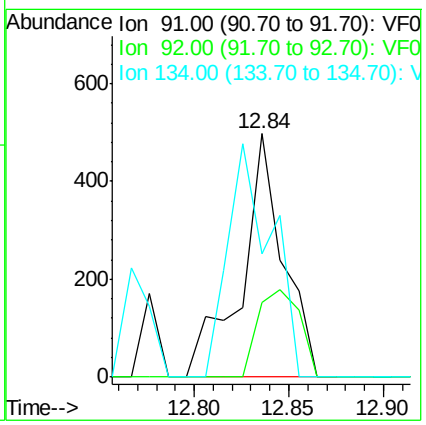


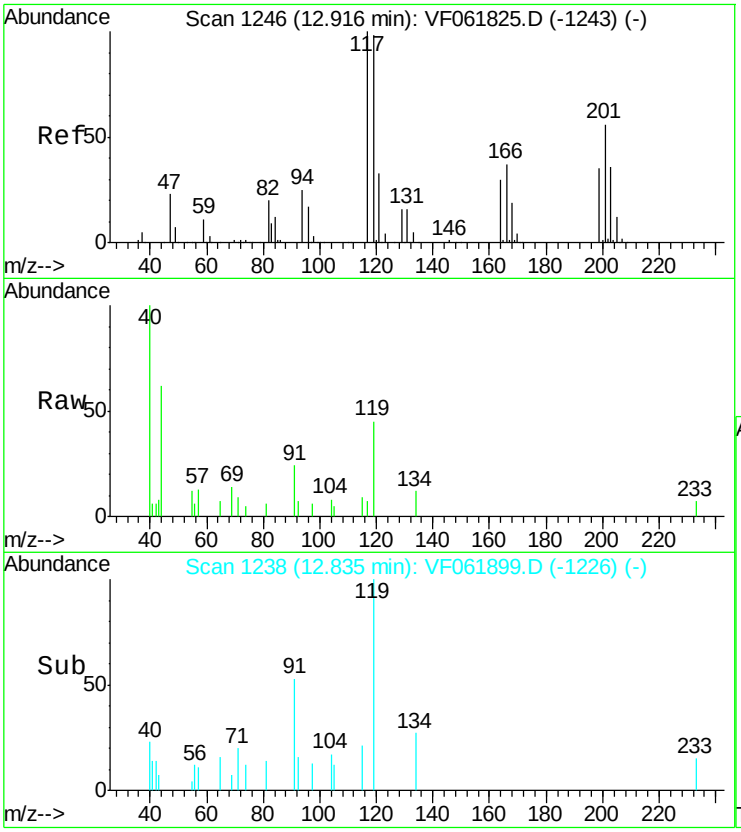


#89
n-Butylbenzene
Concen: 27.507 ug/l
RT: 12.84 min Scan# 1238
Delta R.T. -0.01 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Tgt Ion: 91 Resp: 768

Ion	Ratio	Lower	Upper
91	100		
92	30.5	32.9	98.6#
134	50.8	14.5	43.6#



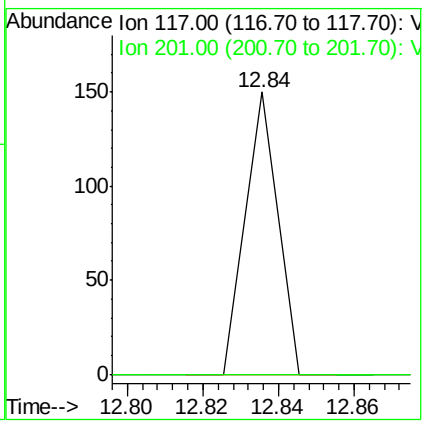


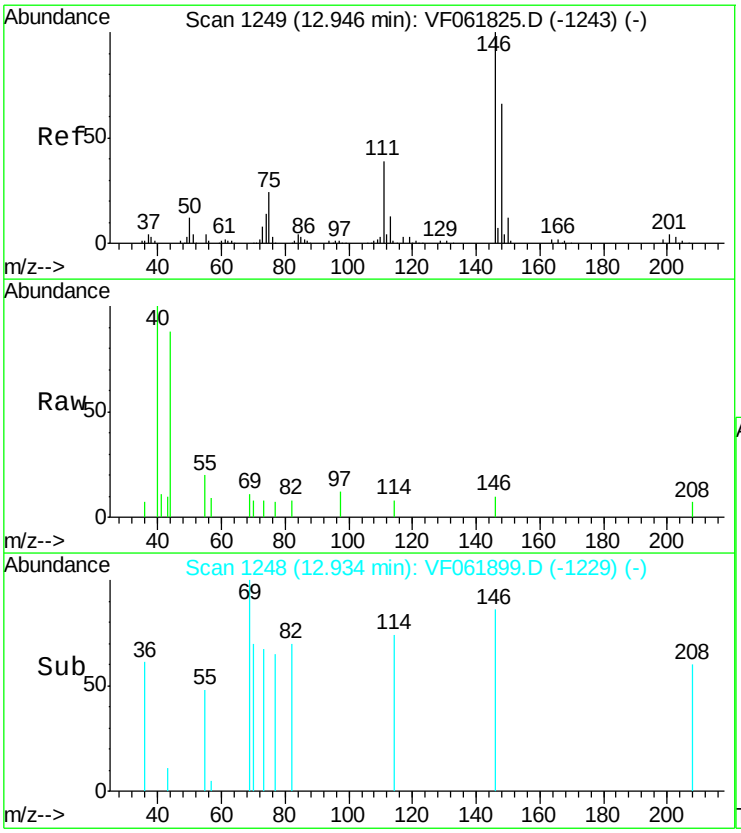
#90
Hexachloroethane
Concen: 12.656 ug/l
RT: 12.84 min Scan# 1238
Delta R.T. -0.08 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Instrument : MSVOA_F
ClientSampleId : NB-07-030819

Tgt Ion:117 Resp: 89

Ion	Ratio	Lower	Upper
117	100		
201	0.0	27.8	83.4#

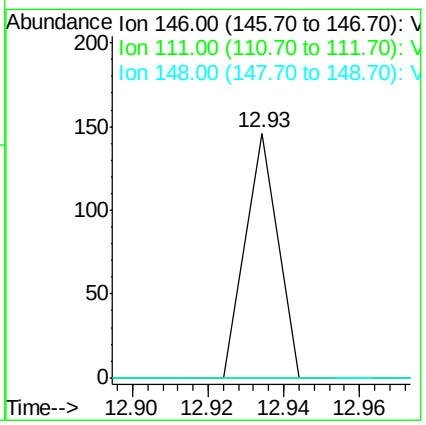


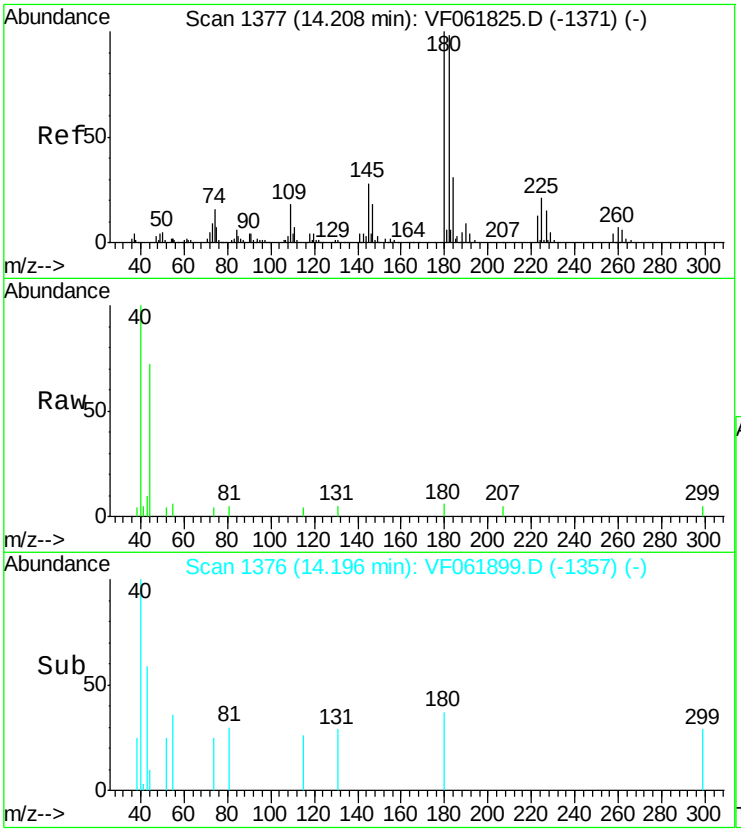


#91
1,2-Dichlorobenzene
Concen: 6.412 ug/l
RT: 12.93 min Scan# 1248
Delta R.T. -0.01 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Tgt Ion:146 Resp: 86

Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.4	58.4#
148	0.0	33.0	98.9#



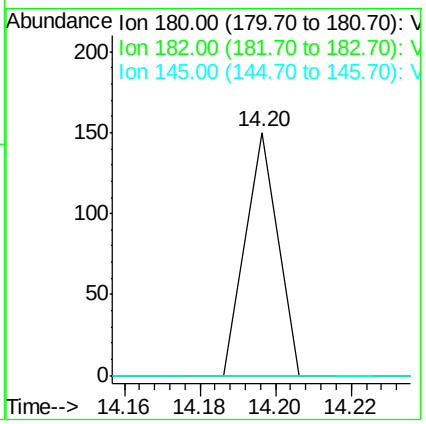


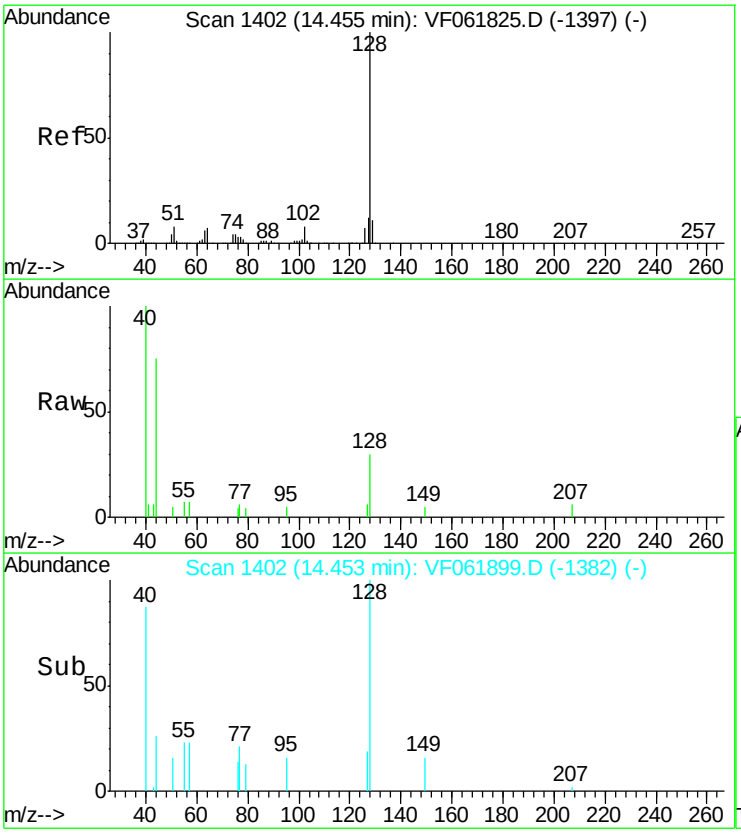
#93
1,2,4-Trichlorobenzene
Concen: 9.465 ug/l
RT: 14.20 min Scan# 1376
Delta R.T. -0.01 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Instrument : MSVOA_F
ClientSampleId : NB-07-030819

Tgt Ion:180 Resp: 89

Ion	Ratio	Lower	Upper
180	100		
182	0.0	49.0	147.2#
145	0.0	14.1	42.4#

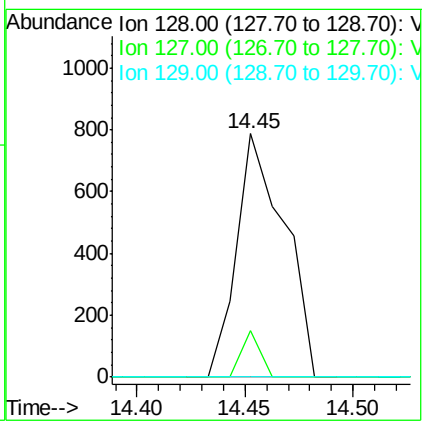


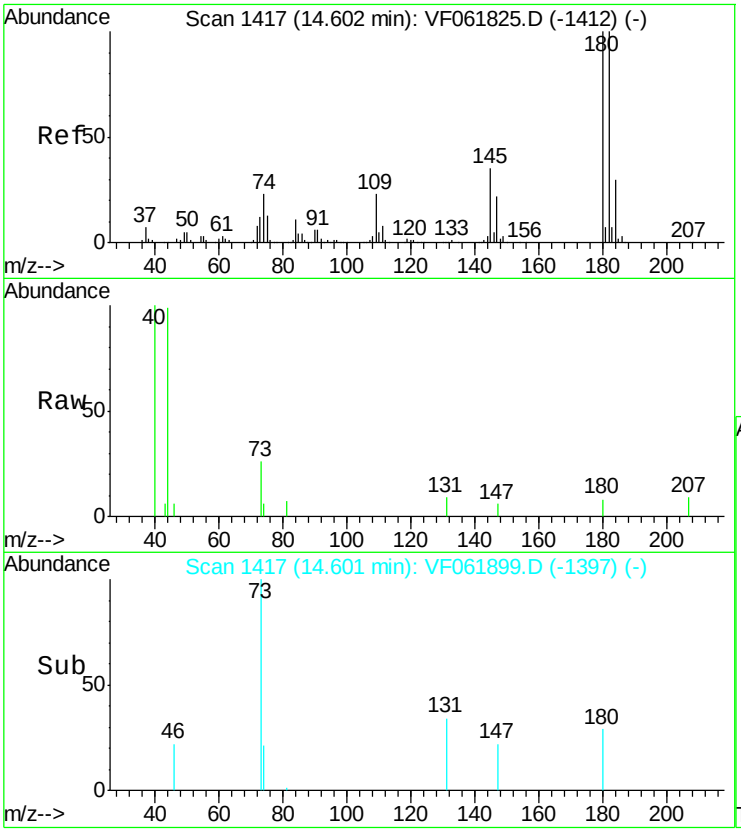


#95
Naphthalene
Concen: 72.006 ug/l
RT: 14.45 min Scan# 1402
Delta R.T. -0.00 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Tgt Ion:128 Resp: 1206

Ion	Ratio	Lower	Upper
128	100		
127	19.3	9.3	13.9#
129	0.0	8.8	13.2#





#96
1,2,3-Trichlorobenzene
Concen: 10.135 ug/l
RT: 14.60 min Scan# 1417
Delta R.T. -0.00 min
Lab File: VF061899.D
Acq: 11 Mar 2019 19:50

Instrument :
MSVOA_F
ClientSampleId :
NB-07-030819

Tgt Ion:180 Resp: 88

Ion	Ratio	Lower	Upper
180	100		
182	0.0	50.2	150.7#
145	0.0	17.5	52.5#