Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122118\
Data File : VD060683.D
Acq On : 21 Dec 2018 14:54
Operator : VA/AP
Sample : J6191-01
Misc : 6.35g/5ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : NB-07-122018-A

Quant Time: Dec 21 22:23:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 17:37:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	6.44	168	18641	50.00	ug/l		0.04
34) 1,4-Difluorobenzene	7.48	114	30043	50.00	ug/l		0.04
63) Chlorobenzene-d5	11.30	117	26902	50.00	ug/l		0.03
72) 1,4-Dichlorobenzene-d4	13.39	152	7503	50.00	ug/l		0.02
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.81	65	15102	117.23	ug/l		0.02
Spiked Amount 50.000			Recovery = 234.46%				
35) Dibromofluoromethane	6.35	113	13807	62.79	ug/l		0.03
Spiked Amount 50.000			Recovery = 125.58%				
50) Toluene-d8	9.49	98	22242	33.90	ug/l		0.04
Spiked Amount 50.000			Recovery = 67.80%				
62) 4-Bromofluorobenzene	12.45	95	6190	26.94	ug/l		0.03
Spiked Amount 50.000			Recovery = 53.88%				
Target Compounds							Qvalue
3) Chloromethane	1.78	50	2717	12.395	ug/l		90
5) Bromomethane	2.20	94	4489	115.149	ug/l	#	69
10) Methyl Iodide	3.29	142	3323	25.181	ug/l	#	71
16) Acetone	3.17	43	10083	448.192	ug/l	#	82
18) Methyl Acetate	3.57	43	2170	38.920	ug/l	#	63
20) Methylene Chloride	3.75	84	787	3.368	ug/l	#	61
25) 2-Butanone	5.65	43	250	5.807	ug/l	#	61
36) 1,1-Dichloropropene	6.43	75	871	2.815	ug/l	#	40
37) Ethyl Acetate	5.65	43	250	1.932	ug/l	#	69
38) Carbon Tetrachloride	6.43	117	1425	5.221	ug/l	#	12
40) Benzene	6.82	78	2767	3.463	ug/l	#	51
51) 4-Methyl-2-Pentanone	9.21	43	195	1.917	ug/l	#	42
52) Toluene	9.57	92	4381	8.745	ug/l		100
68) m/p-Xylenes	11.58	106	465	1.250	ug/l		99
76) 1,2,3-Trichloropropane	12.45	75	2497	29.232	ug/l	#	41
81) trans-1,4-Dichloro-2-buten	12.45	75	2497	105.788	ug/l	#	13
84) 1,2,4-Trimethylbenzene	13.11	105	1495	3.519	ug/l		83
85) sec-Butylbenzene	13.11	105	1495	2.611	ug/l	#	62
87) 1,3-Dichlorobenzene	13.41	146	449	1.734	ug/l	#	79
88) 1,4-Dichlorobenzene	13.41	146	449	1.760	ug/l	#	80
90) Hexachloroethane	14.00	117	510	4.492	ug/l	#	7
93) 1,2,4-Trichlorobenzene	14.81	180	232	1.404	ug/l	#	79
95) Naphthalene	14.98	128	817	4.160	ug/l	#	70

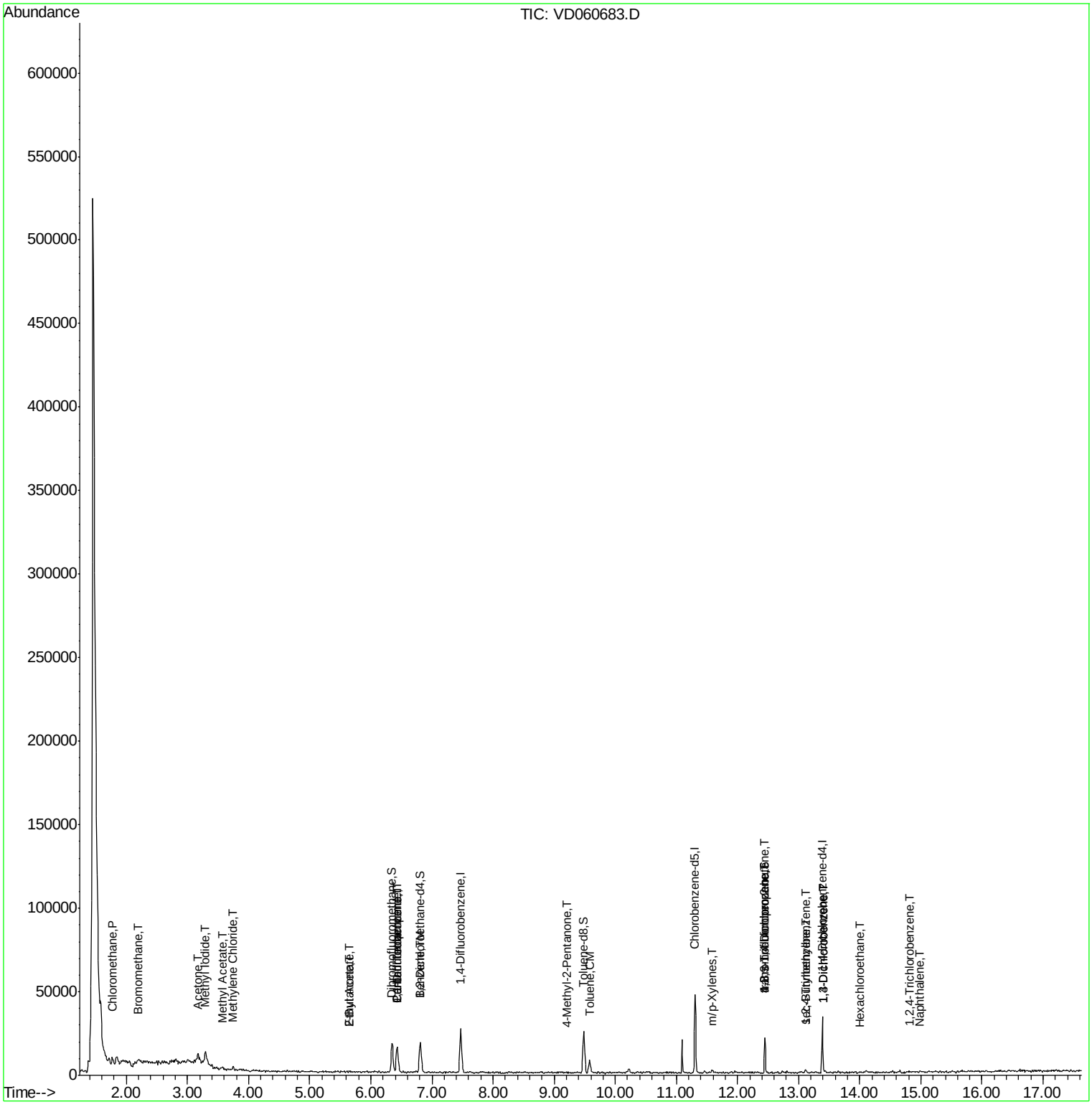
(#) = qualifier out of range (m) = manual integration (+) = signals summed

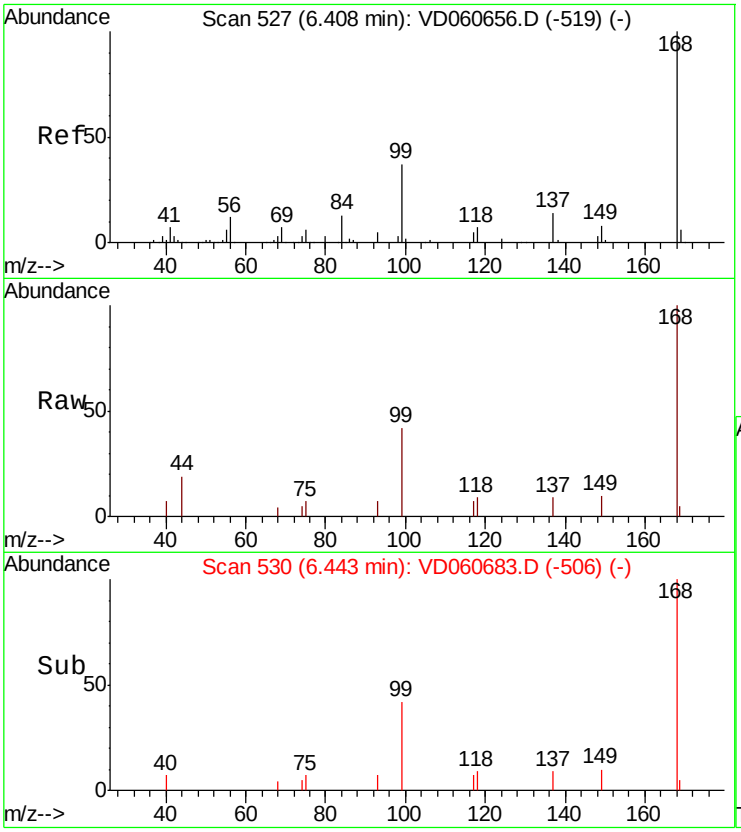
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122118\
Data File : VD060683.D
Acq On : 21 Dec 2018 14:54
Operator : VA/AP
Sample : J6191-01
Misc : 6.35g/5ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
NB-07-122018-A

Quant Time: Dec 21 22:23:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 17:37:47 2018
Response via : Initial Calibration



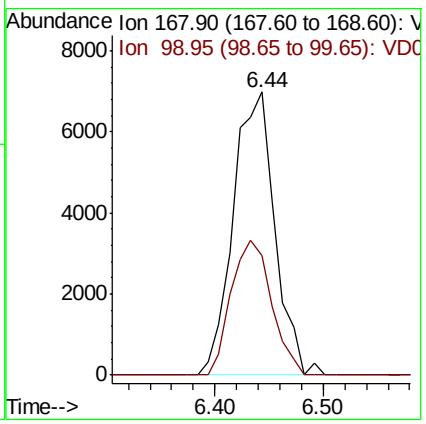


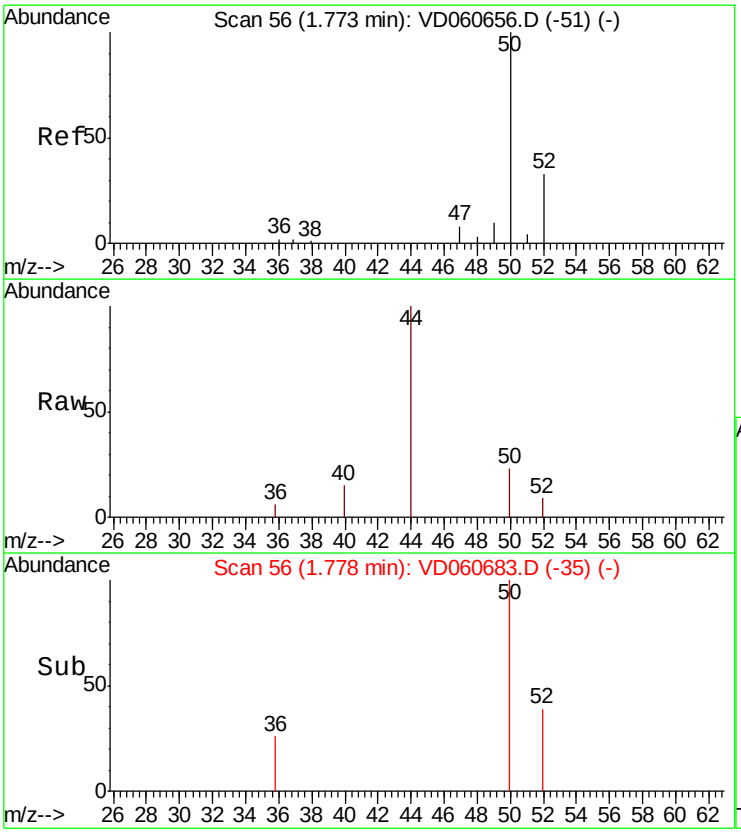
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.44 min Scan# 530
Delta R.T. 0.04 min
Lab File: VD060683.D
Acq: 21 Dec 2018 14:54

Instrument :
MSVOA_D
ClientSampleId :
NB-07-122018-A

Tgt Ion:168 Resp: 18641

Ion	Ratio	Lower	Upper
168	100		
99	42.4	38.7	58.1

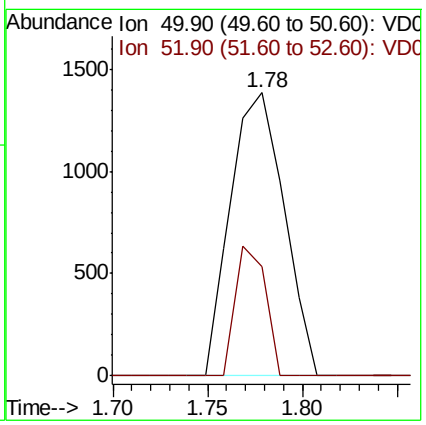


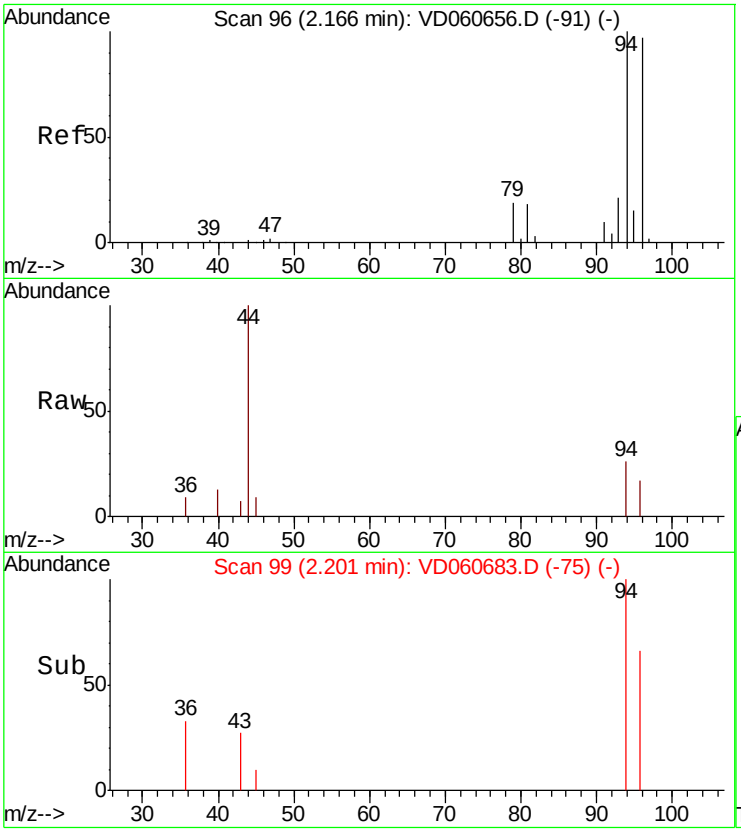


#3
Chloromethane
Concen: 12.395 ug/l
RT: 1.78 min Scan# 56
Delta R.T. 0.01 min
Lab File: VD060683.D
Acq: 21 Dec 2018 14:54

Tgt Ion: 50 Resp: 2717

Ion	Ratio	Lower	Upper
50	100		
52	38.7	26.6	39.8



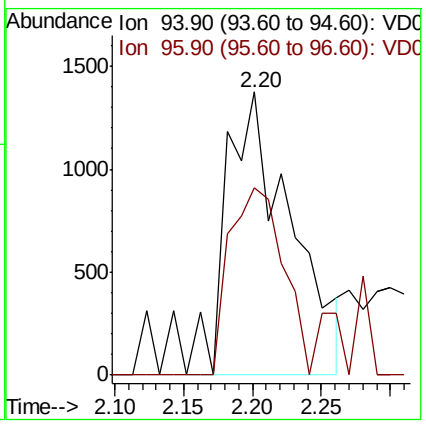


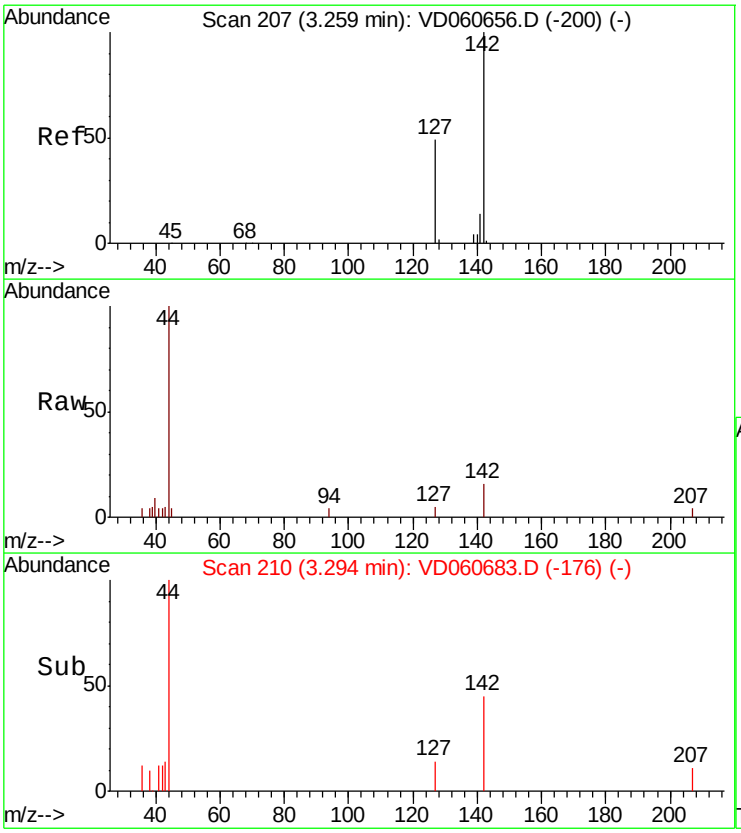
#5
Bromomethane
Concen: 115.149 ug/l
RT: 2.20 min Scan# 99
Delta R.T. 0.04 min
Lab File: VD060683.D
Acq: 21 Dec 2018 14:54

Instrument : MSVOA_D
ClientSampleId : NB-07-122018-A

Tgt Ion: 94 Resp: 4489

Ion	Ratio	Lower	Upper
94	100		
96	66.1	77.2	115.8#

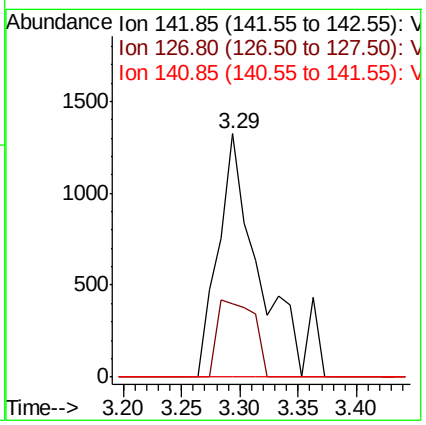


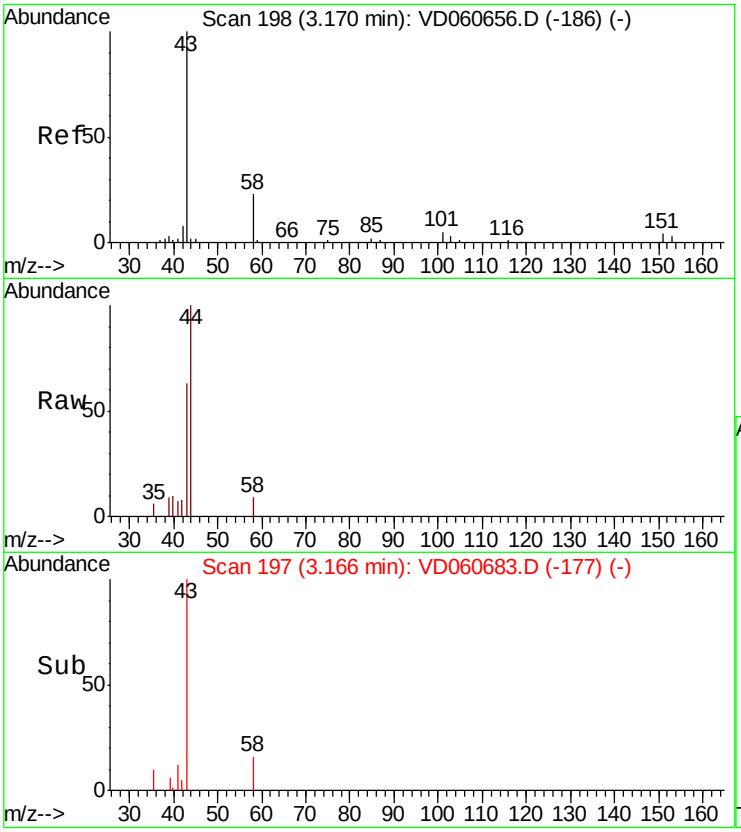


#10
Methyl Iodide
Concen: 25.181 ug/l
RT: 3.29 min Scan# 210
Delta R.T. 0.04 min
Lab File: VD060683.D
Acq: 21 Dec 2018 14:54

Tgt Ion:142 Resp: 3323

Ion	Ratio	Lower	Upper
142	100		
127	30.3	39.5	59.3#
141	0.0	11.3	16.9#



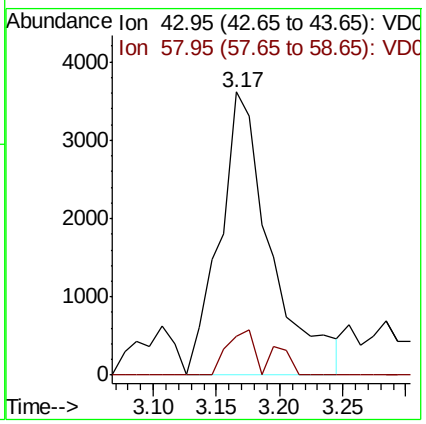


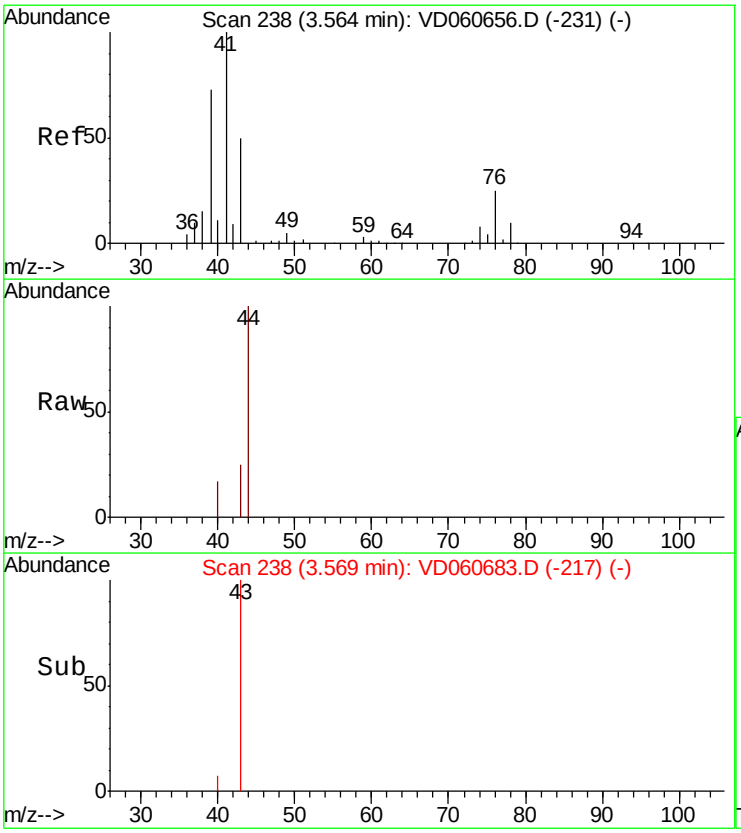
#16
Acetone
Concen: 448.192 ug/l
RT: 3.17 min Scan# 197
Delta R.T. -0.00 min
Lab File: VD060683.D
Acq: 21 Dec 2018 14:54

Instrument : MSVOA_D
ClientSampleId : NB-07-122018-A

Tgt Ion: 43 Resp: 10083

Ion	Ratio	Lower	Upper
43	100		
58	13.9	18.2	27.2#

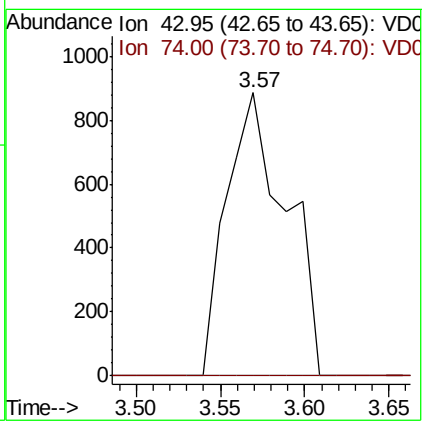


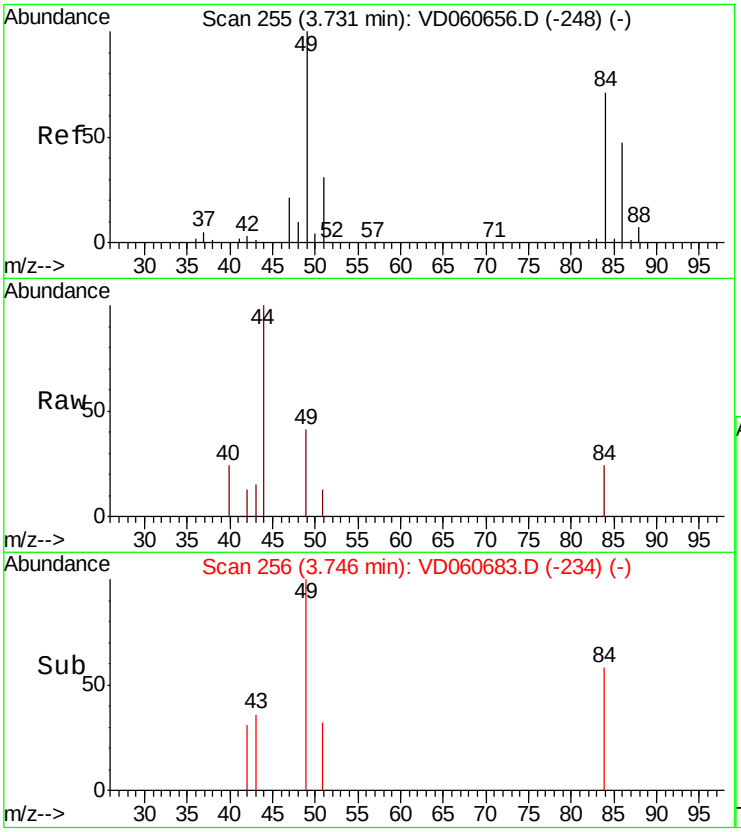


#18
Methyl Acetate
Concen: 38.920 ug/l
RT: 3.57 min Scan# 238
Delta R.T. 0.01 min
Lab File: VD060683.D
Acq: 21 Dec 2018 14:54

Tgt Ion: 43 Resp: 2170

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.4	18.6#



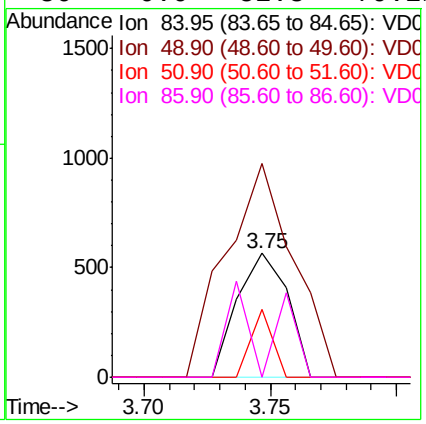


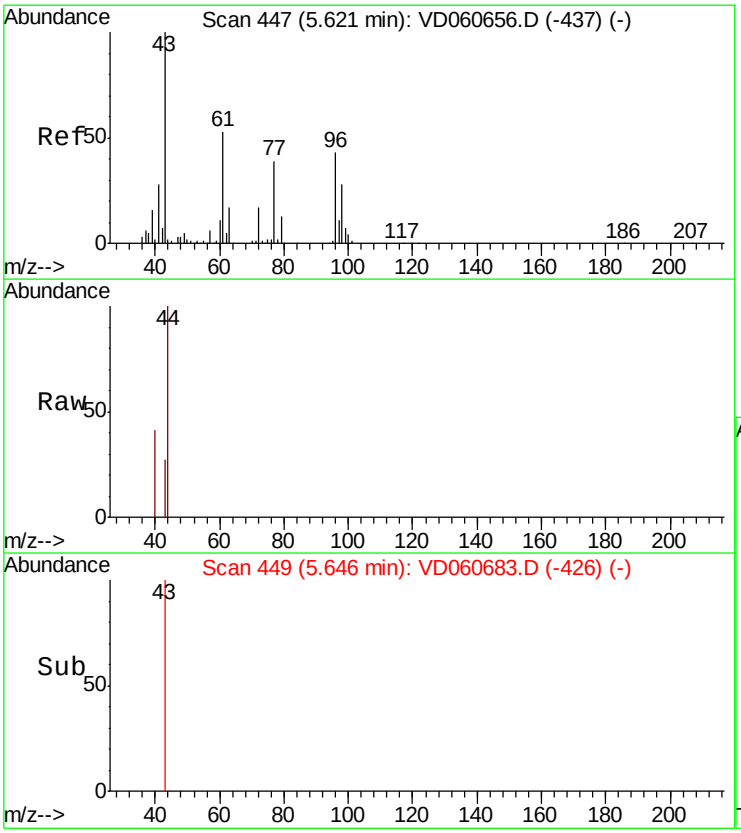
#20
Methylene Chloride
Concen: 3.368 ug/l
RT: 3.75 min Scan# 256
Delta R.T. 0.02 min
Lab File: VD060683.D
Acq: 21 Dec 2018 14:54

Instrument : MSVOA_D
ClientSampleId : NB-07-122018-A

Tgt Ion: 84 Resp: 787

Ion	Ratio	Lower	Upper
84	100		
49	172.6	113.6	170.4#
51	54.7	34.7	52.1#
86	0.0	52.8	79.2#

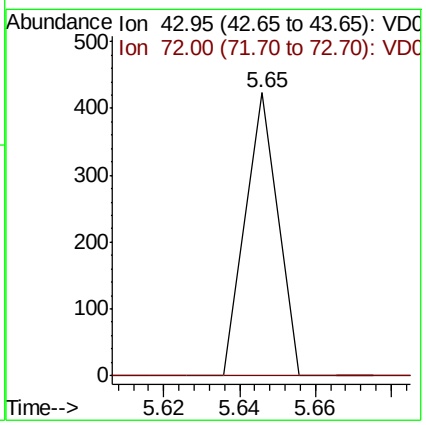


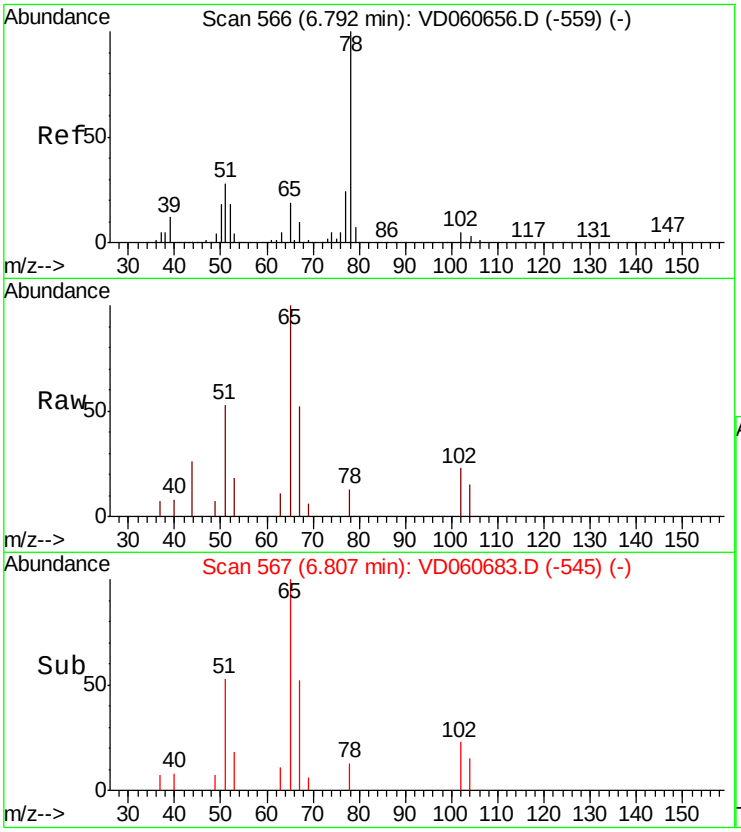


#25
2-Butanone
Concen: 5.807 ug/l
RT: 5.65 min Scan# 449
Delta R.T. 0.03 min
Lab File: VD060683.D
Acq: 21 Dec 2018 14:54

Tgt Ion: 43 Resp: 250

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.7	20.5#



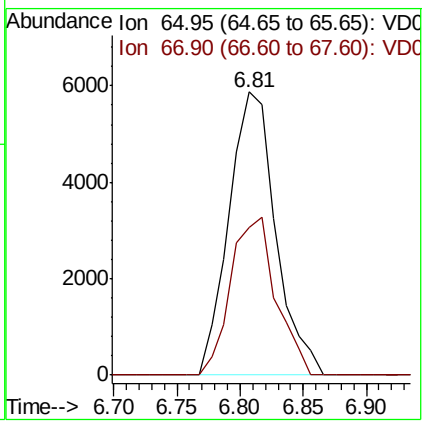


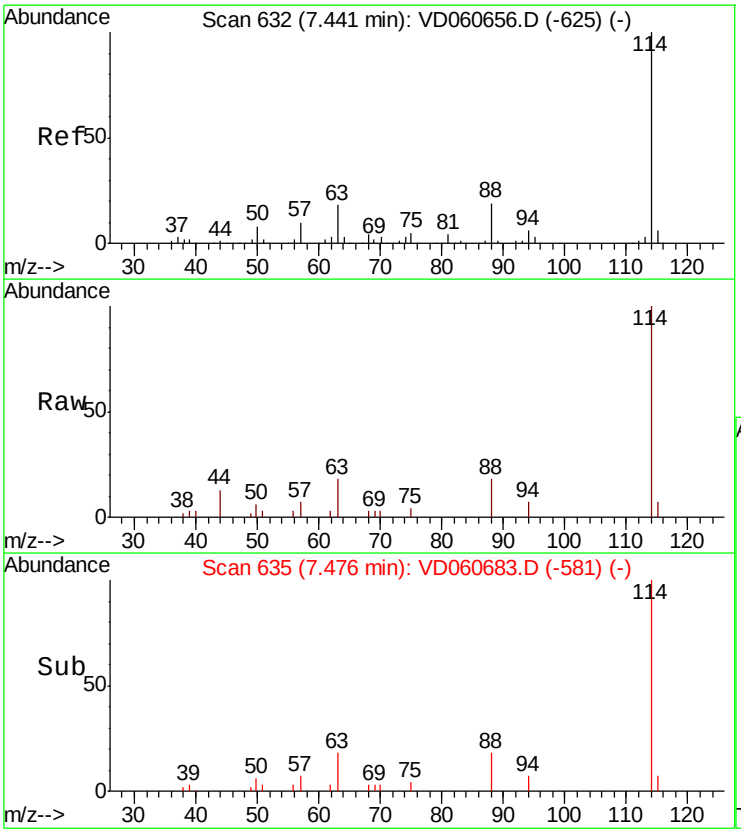
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.81 min Scan# 567
Delta R.T. 0.02 min
Lab File: VD060683.D
Acq: 21 Dec 2018 14:54

Instrument : MSVOA_D
ClientSampleId : NB-07-122018-A

Tgt Ion: 65 Resp: 15102

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	105.4

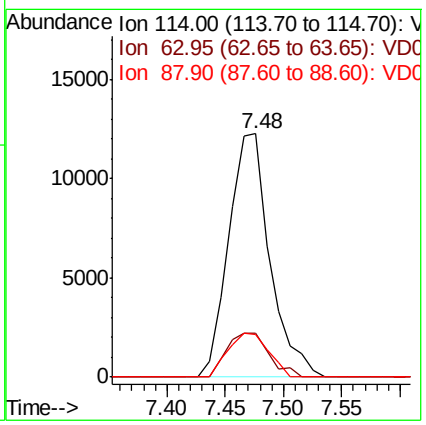


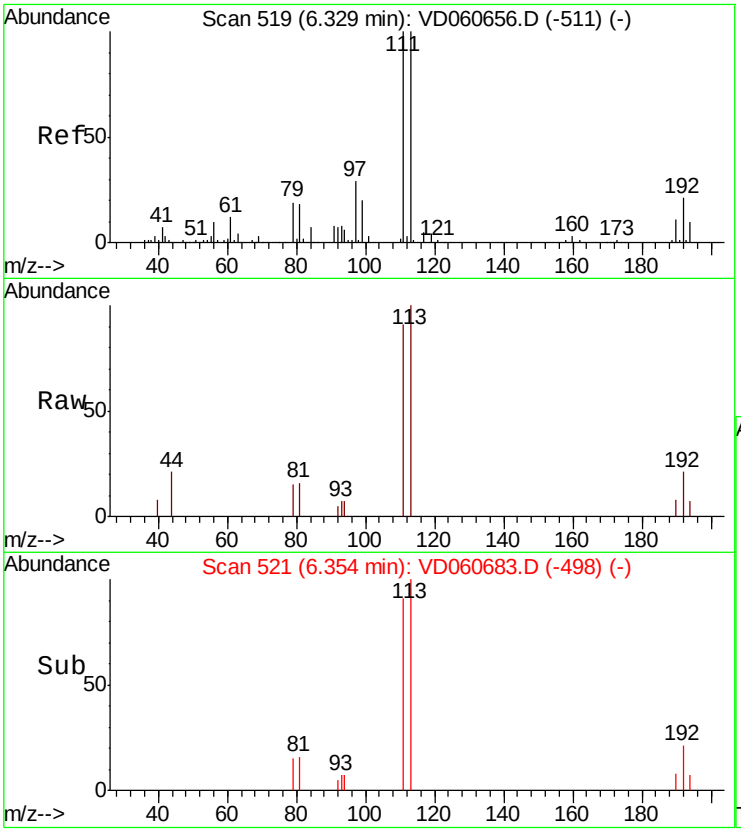


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.48 min Scan# 635
Delta R.T. 0.04 min
Lab File: VD060683.D
Acq: 21 Dec 2018 14:54

Tgt Ion:114 Resp: 30043

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	36.2
88	17.6	0.0	37.0



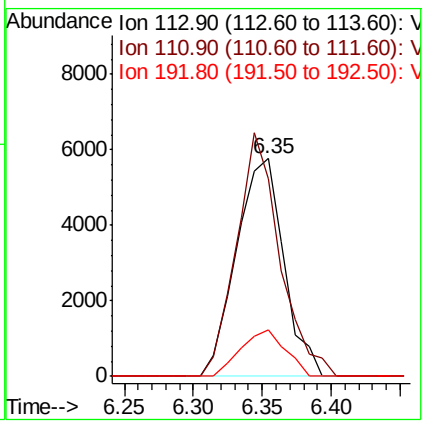


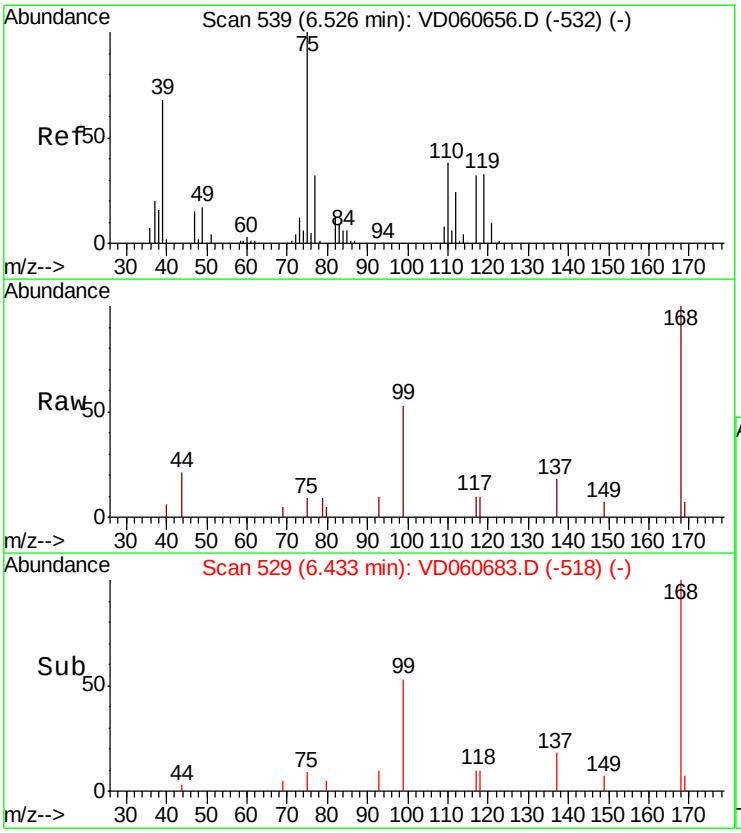
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.35 min Scan# 521
Delta R.T. 0.03 min
Lab File: VD060683.D
Acq: 21 Dec 2018 14:54

Instrument :
MSVOA_D
ClientSampleId :
NB-07-122018-A

Tgt Ion:113 Resp: 13807

Ion	Ratio	Lower	Upper
113	100		
111	90.7	80.0	120.0
192	21.1	16.6	25.0

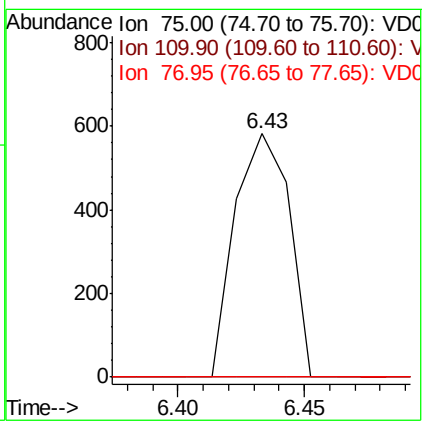


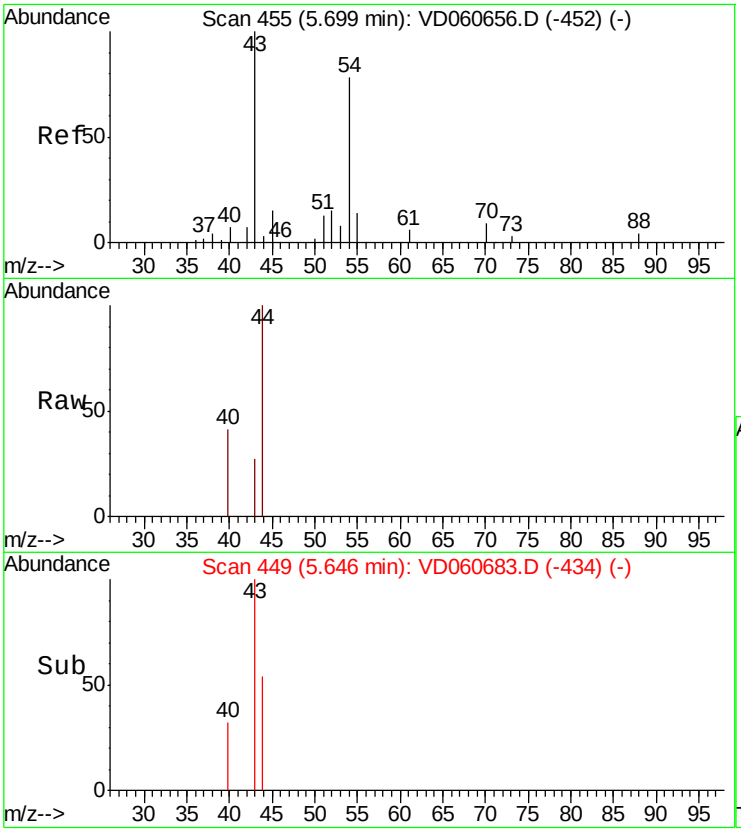


#36
1,1-Dichloropropene
Concen: 2.815 ug/l
RT: 6.43 min Scan# 529
Delta R.T. -0.09 min
Lab File: VD060683.D
Acq: 21 Dec 2018 14:54

Tgt Ion: 75 Resp: 871

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.9	56.7#
77	0.0	25.4	38.0#



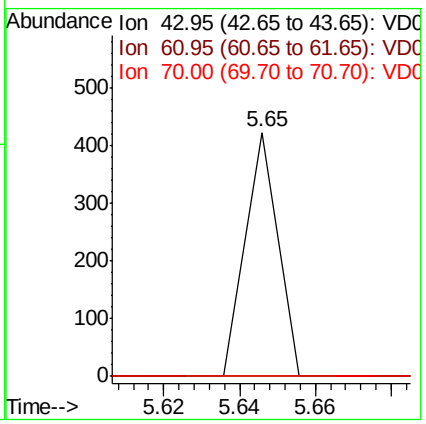


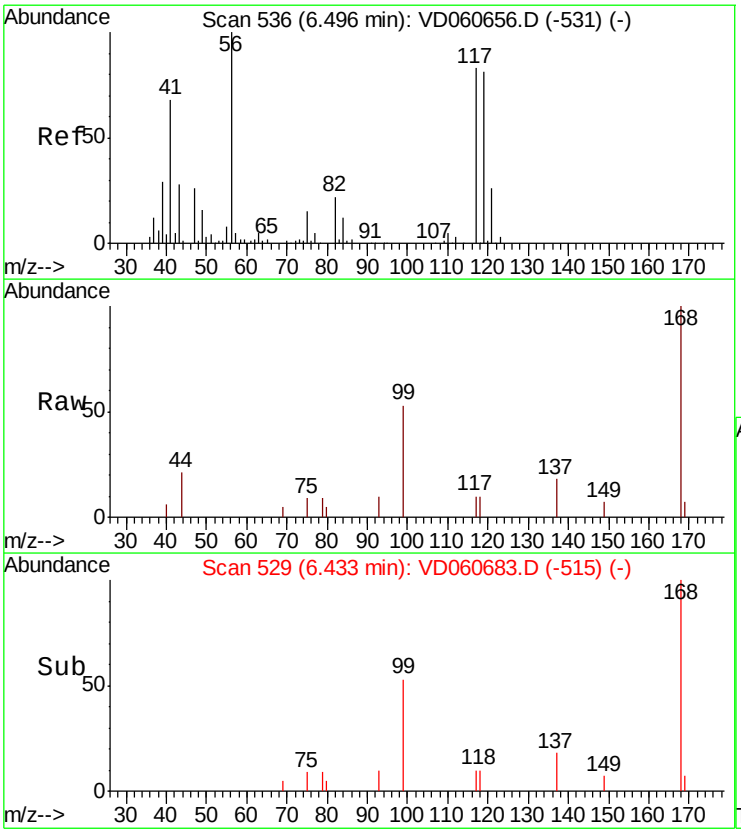
#37
Ethyl Acetate
Concen: 1.932 ug/l
RT: 5.65 min Scan# 449
Delta R.T. -0.05 min
Lab File: VD060683.D
Acq: 21 Dec 2018 14:54

Instrument : MSVOA_D
ClientSampleId : NB-07-122018-A

Tgt Ion: 43 Resp: 250

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.6#
70	0.0	5.8	8.6#

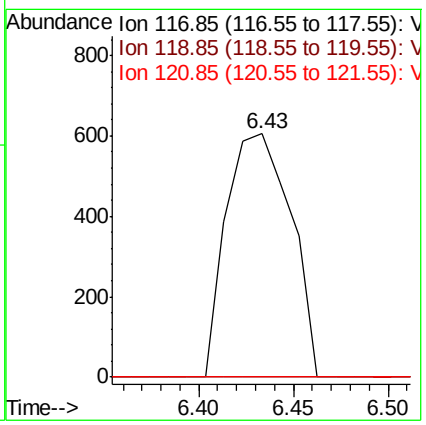


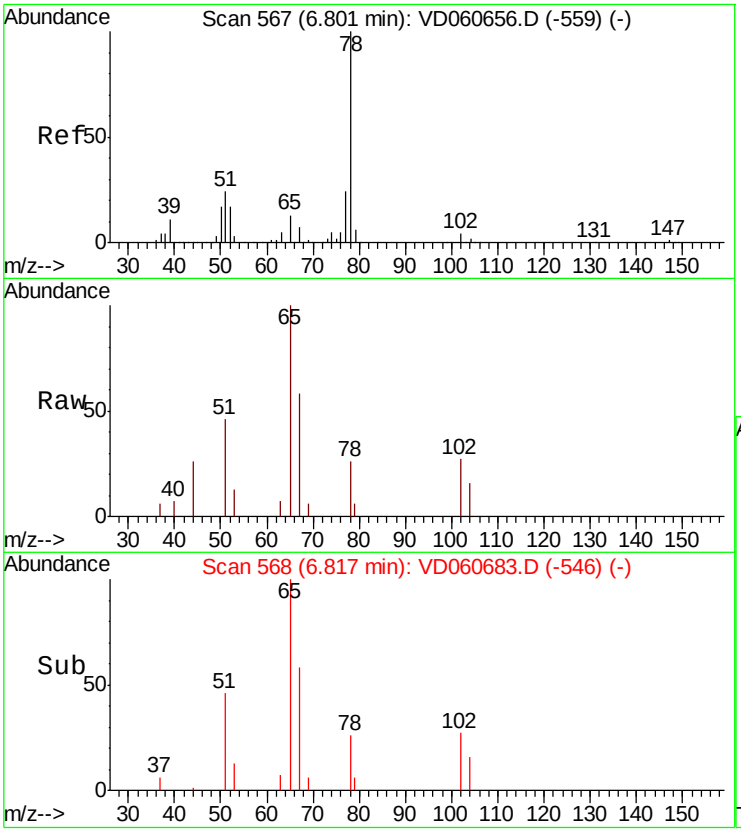


#38
Carbon Tetrachloride
Concen: 5.221 ug/l
RT: 6.43 min Scan# 529
Delta R.T. -0.06 min
Lab File: VD060683.D
Acq: 21 Dec 2018 14:54

Tgt Ion:117 Resp: 1425

Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.0	115.4#
121	0.0	24.7	37.1#



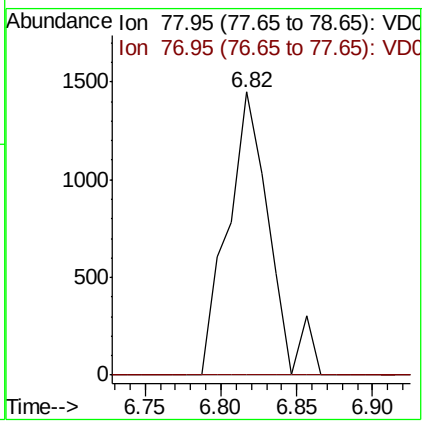


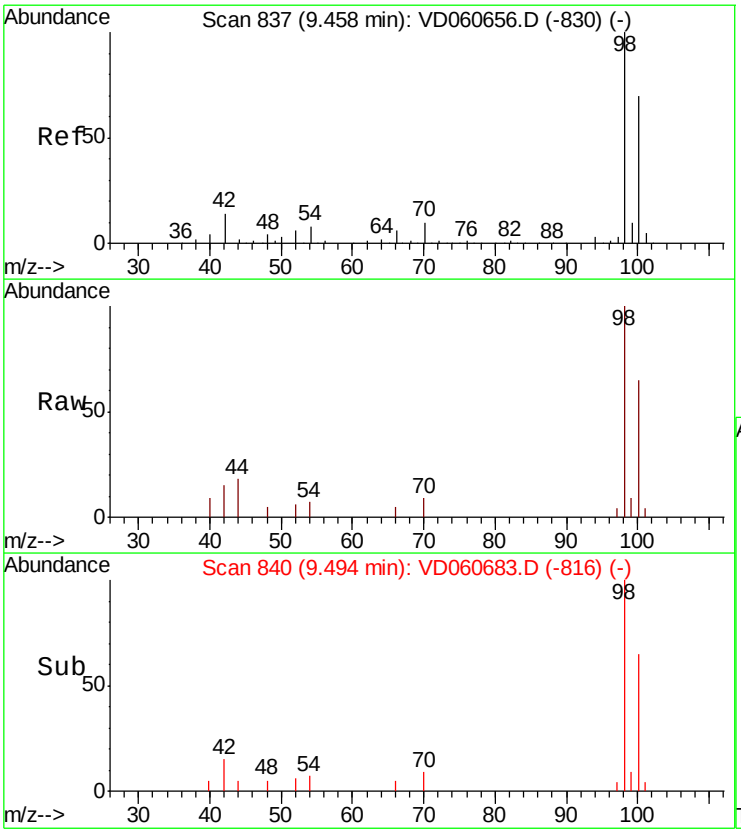
#40
Benzene
Concen: 3.463 ug/l
RT: 6.82 min Scan# 568
Delta R.T. 0.02 min
Lab File: VD060683.D
Acq: 21 Dec 2018 14:54

Instrument :
MSVOA_D
ClientSampleId :
NB-07-122018-A

Tgt Ion: 78 Resp: 2767

Ion	Ratio	Lower	Upper
78	100		
77	0.0	19.2	28.8#

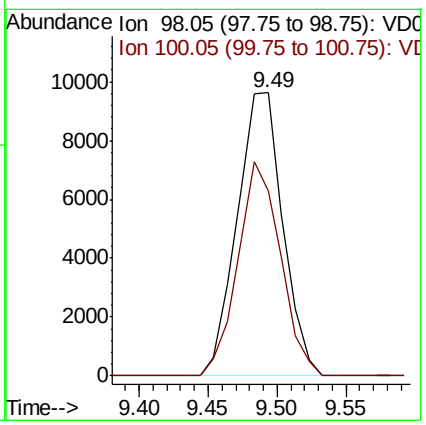


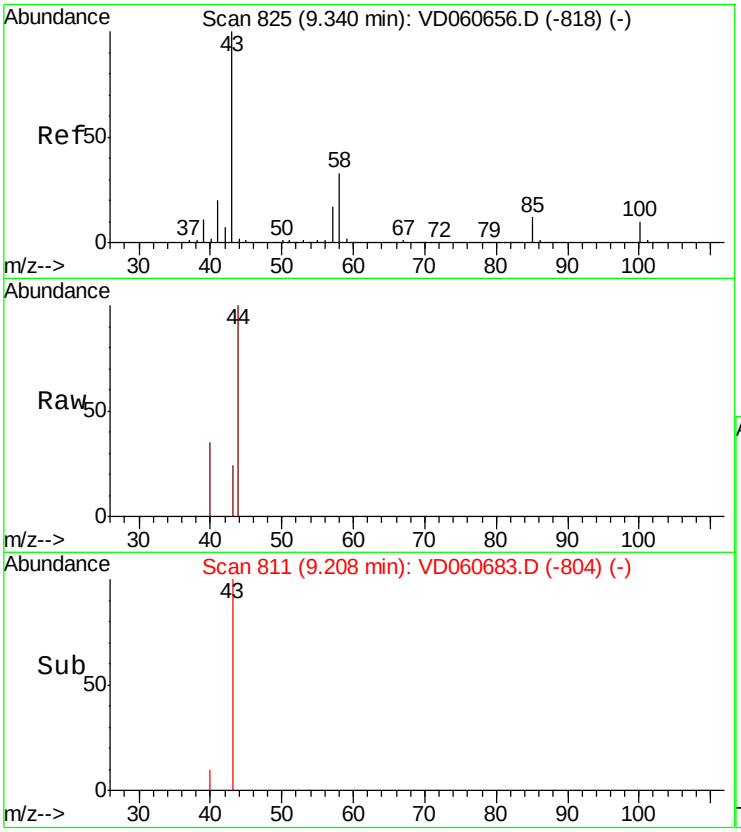


#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.49 min Scan# 840
Delta R.T. 0.04 min
Lab File: VD060683.D
Acq: 21 Dec 2018 14:54

Tgt Ion: 98 Resp: 22242

Ion	Ratio	Lower	Upper
98	100		
100	65.2	55.8	83.8



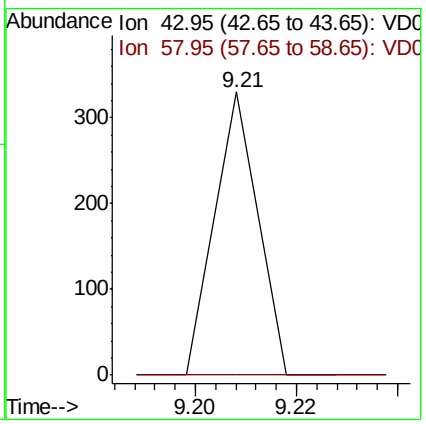


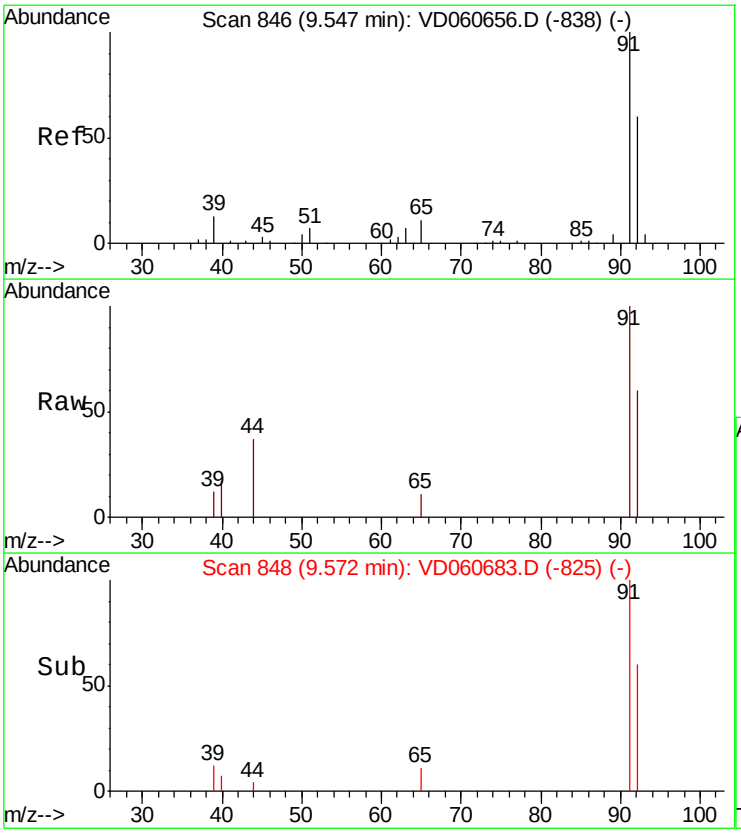
#51
4-Methyl-2-Pentanone
Concen: 1.917 ug/l
RT: 9.21 min Scan# 811
Delta R.T. -0.13 min
Lab File: VD060683.D
Acq: 21 Dec 2018 14:54

Instrument : MSVOA_D
ClientSampleId : NB-07-122018-A

Tgt Ion: 43 Resp: 195

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.3	39.5#

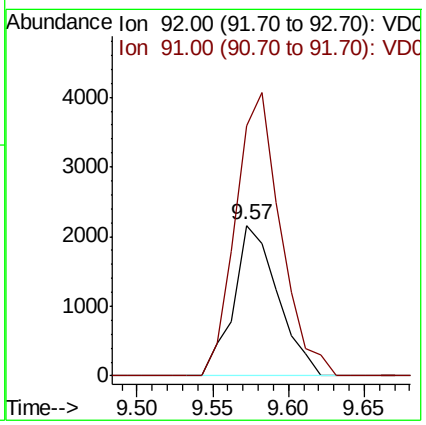


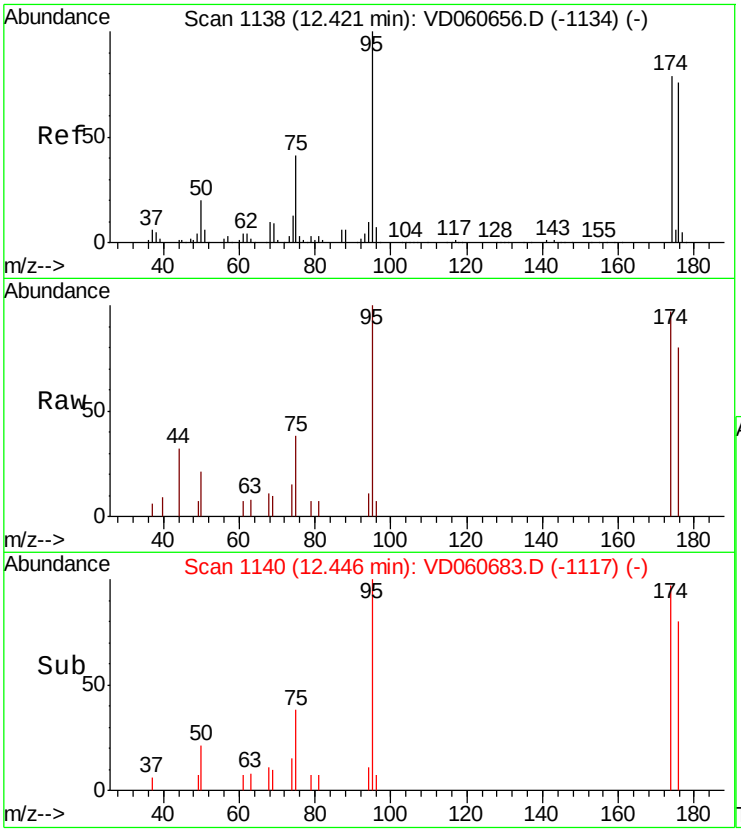


#52
Toluene
Concen: 8.745 ug/l
RT: 9.57 min Scan# 848
Delta R.T. 0.03 min
Lab File: VD060683.D
Acq: 21 Dec 2018 14:54

Tgt Ion: 92 Resp: 4381

Ion	Ratio	Lower	Upper
92	100		
91	166.0	132.6	199.0



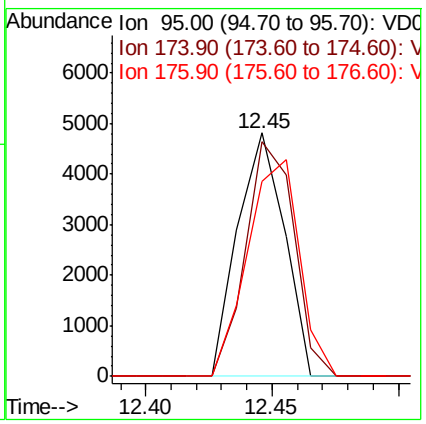


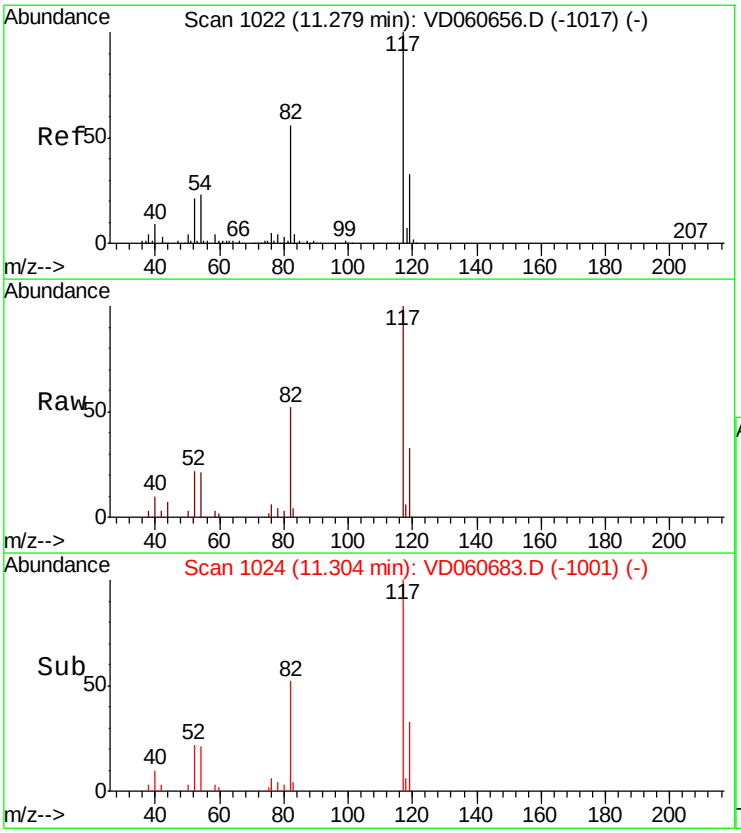
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.45 min Scan# 1140
Delta R.T. 0.03 min
Lab File: VD060683.D
Acq: 21 Dec 2018 14:54

Instrument :
MSVOA_D
ClientSampleId :
NB-07-122018-A

Tgt Ion: 95 Resp: 6190

Ion	Ratio	Lower	Upper
95	100		
174	96.6	0.0	158.2
176	80.3	0.0	152.4

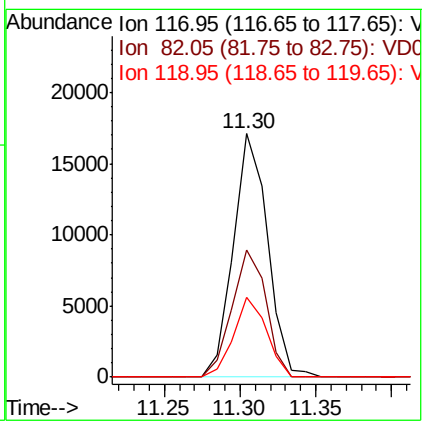


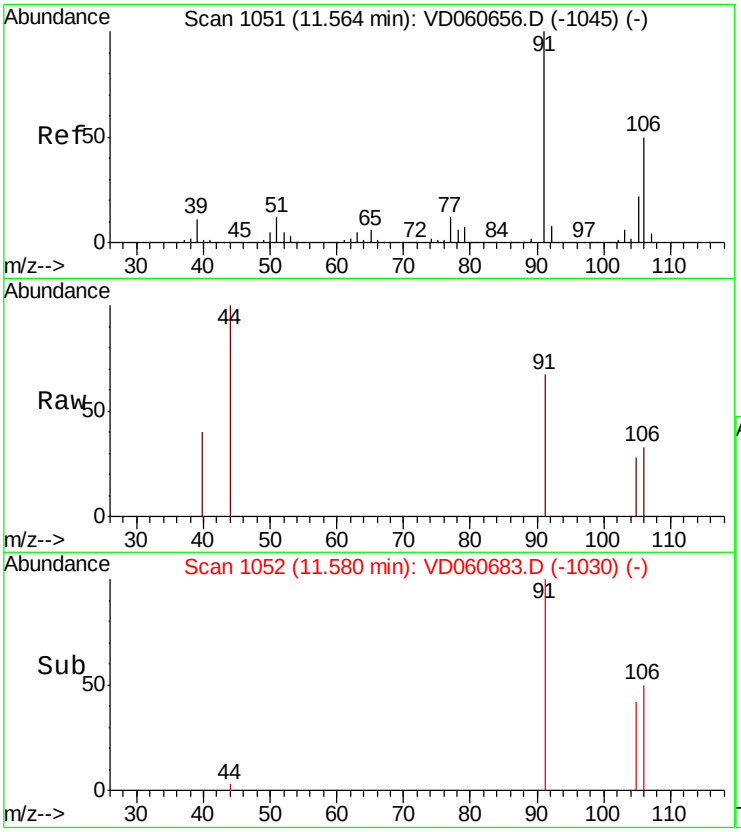


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.30 min Scan# 1024
Delta R.T. 0.03 min
Lab File: VD060683.D
Acq: 21 Dec 2018 14:54

Tgt Ion:117 Resp: 26902

Ion	Ratio	Lower	Upper
117	100		
82	52.2	44.5	66.7
119	32.6	26.3	39.5



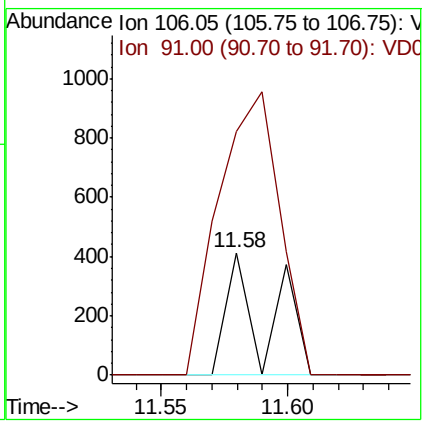


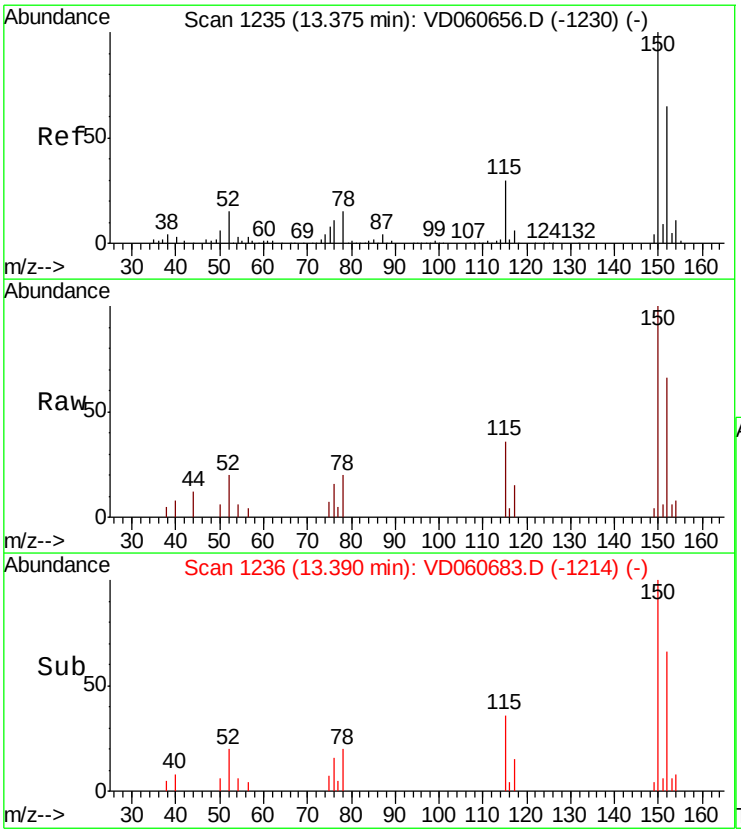
#68
m/p-Xylenes
Concen: 1.250 ug/l
RT: 11.58 min Scan# 1052
Delta R.T. 0.02 min
Lab File: VD060683.D
Acq: 21 Dec 2018 14:54

Instrument : MSVOA_D
ClientSampleId : NB-07-122018-A

Tgt Ion:106 Resp: 465

Ion	Ratio	Lower	Upper
106	100		
91	199.8	158.9	238.3

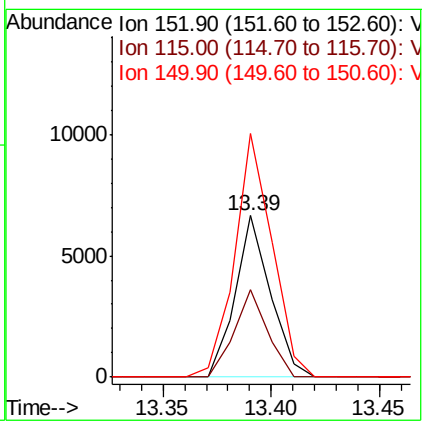


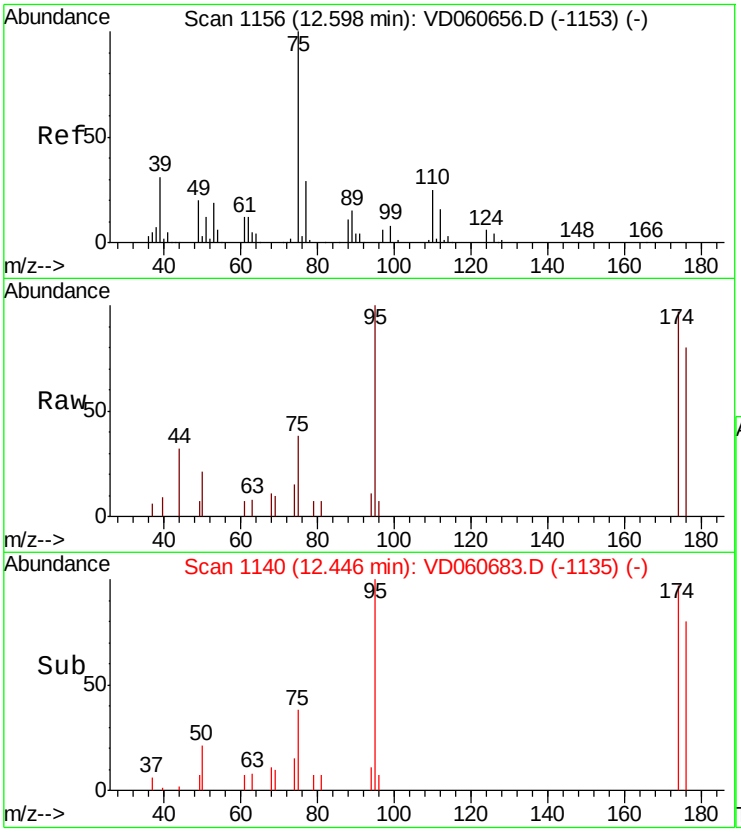


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.39 min Scan# 1236
Delta R.T. 0.02 min
Lab File: VD060683.D
Acq: 21 Dec 2018 14:54

Tgt Ion:152 Resp: 7503

Ion	Ratio	Lower	Upper
152	100		
115	54.1	24.1	72.3
150	151.0	0.0	315.0



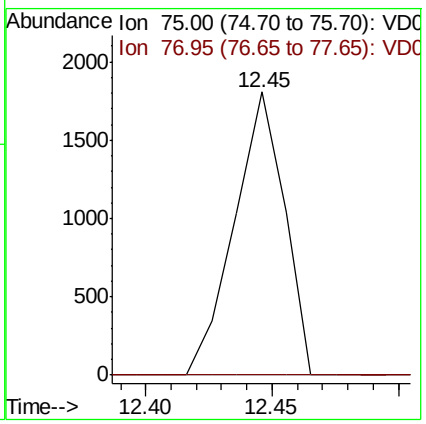


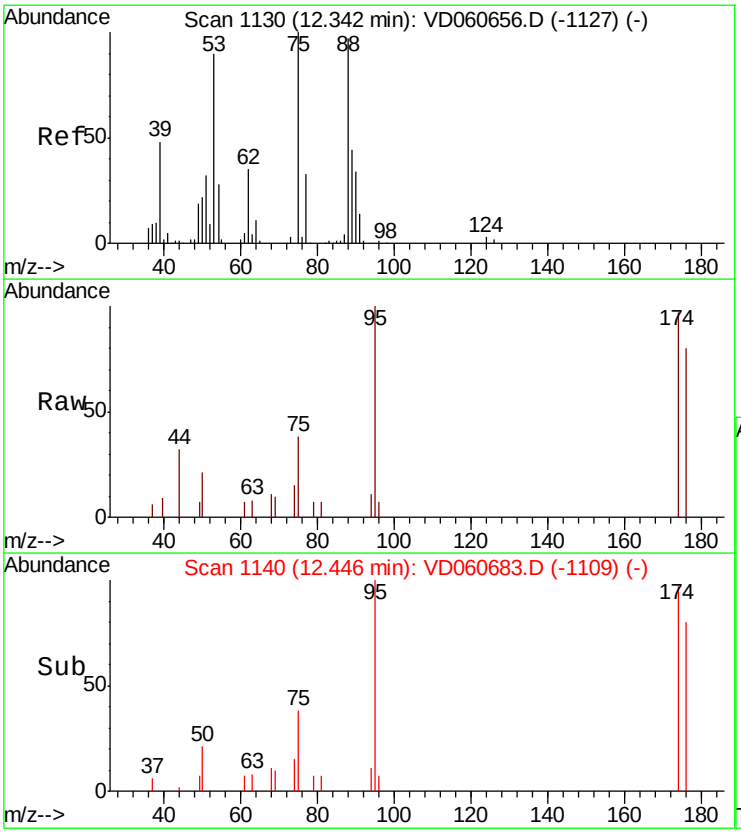
#76
1,2,3-Trichloropropane
Concen: 29.232 ug/l
RT: 12.45 min Scan# 1140
Delta R.T. -0.15 min
Lab File: VD060683.D
Acq: 21 Dec 2018 14:54

Instrument :
MSVOA_D
ClientSampleId :
NB-07-122018-A

Tgt Ion: 75 Resp: 2497

Ion	Ratio	Lower	Upper
75	100		
77	0.0	16.7	50.0#

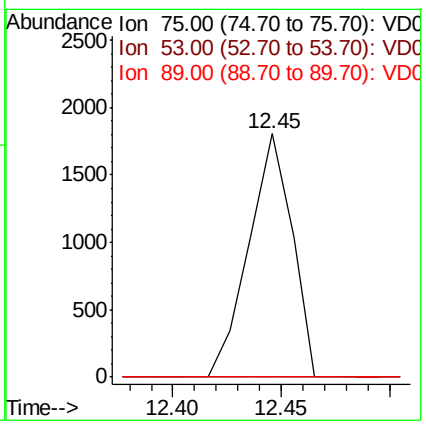


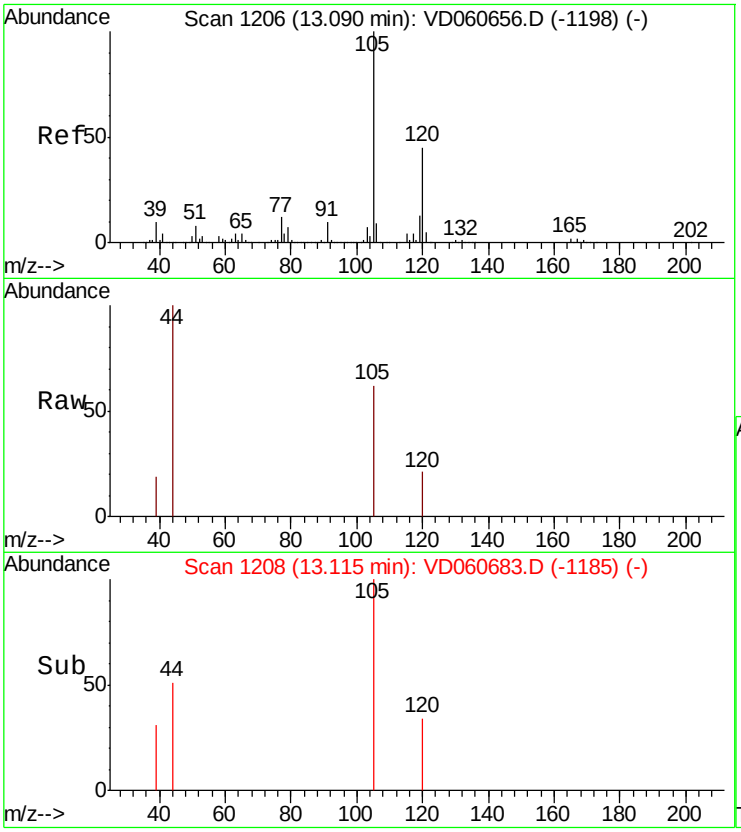


#81
trans-1,4-Dichloro-2-butene
Concen: 105.788 ug/l
RT: 12.45 min Scan# 1140
Delta R.T. 0.10 min
Lab File: VD060683.D
Acq: 21 Dec 2018 14:54

Tgt Ion: 75 Resp: 2497

Ion	Ratio	Lower	Upper
75	100		
53	0.0	72.1	108.1#
89	0.0	35.1	52.7#



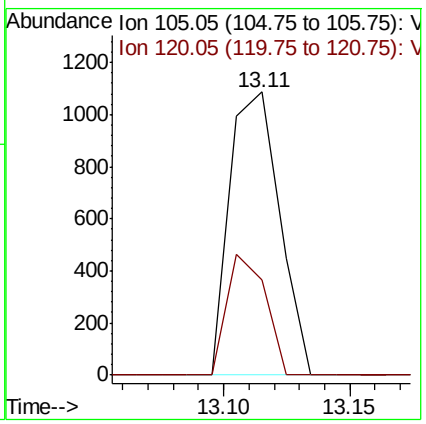


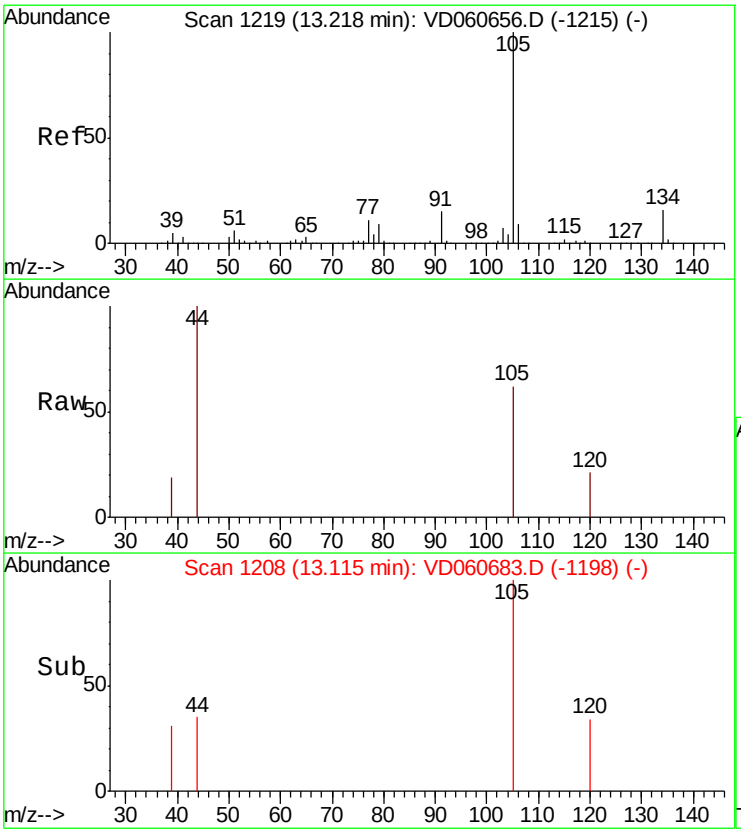
#84
1,2,4-Trimethylbenzene
Concen: 3.519 ug/l
RT: 13.11 min Scan# 1208
Delta R.T. 0.03 min
Lab File: VD060683.D
Acq: 21 Dec 2018 14:54

Instrument :
MSVOA_D
ClientSampleId :
NB-07-122018-A

Tgt Ion:105 Resp: 1495

Ion	Ratio	Lower	Upper
105	100		
120	33.8	22.4	67.0

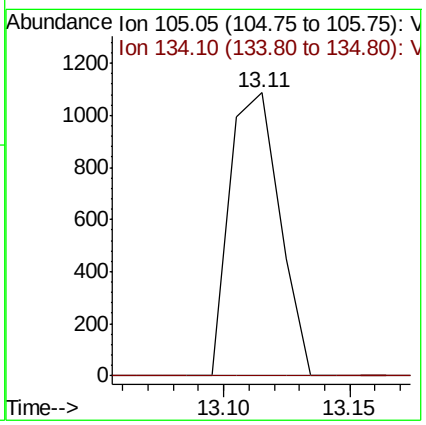


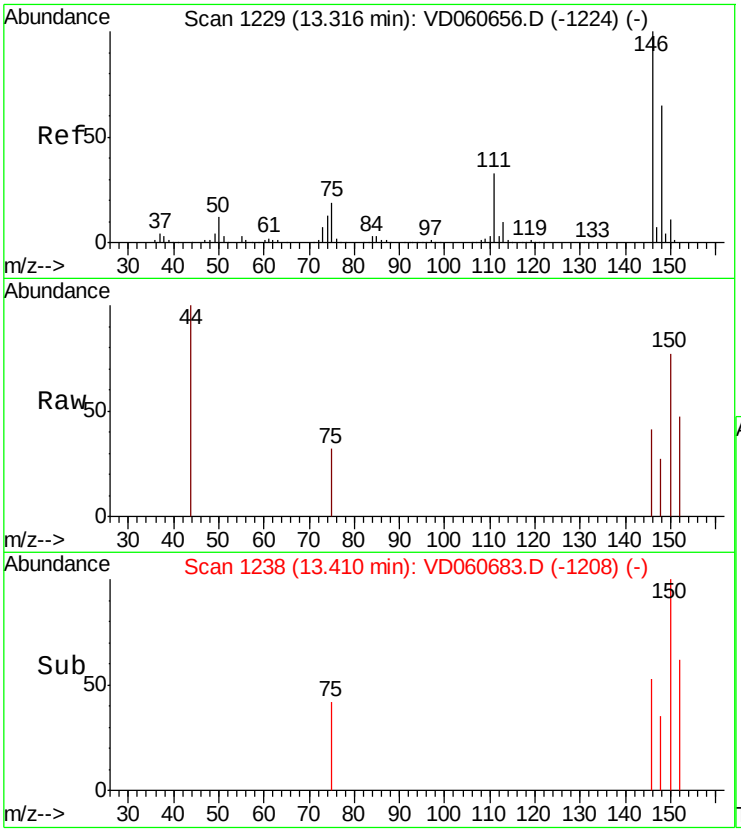


#85
sec-Butylbenzene
Concen: 2.611 ug/l
RT: 13.11 min Scan# 1208
Delta R.T. -0.10 min
Lab File: VD060683.D
Acq: 21 Dec 2018 14:54

Tgt Ion:105 Resp: 1495

Ion	Ratio	Lower	Upper
105	100		
134	0.0	8.2	24.4#



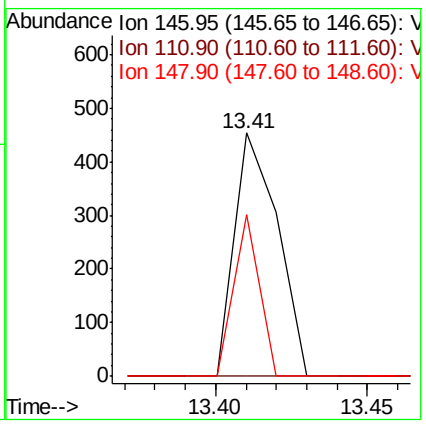


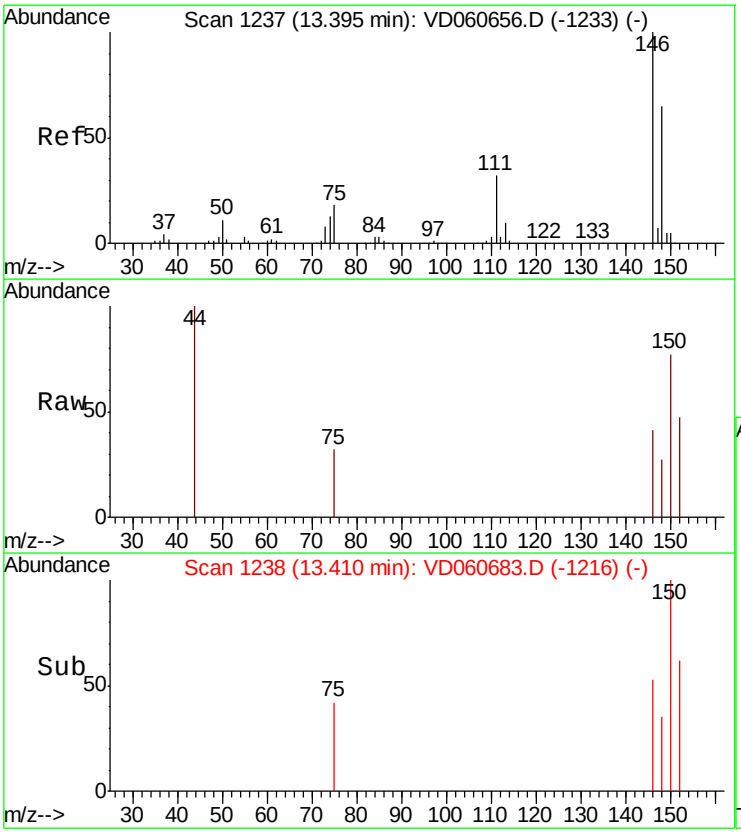
#87
1,3-Dichlorobenzene
Concen: 1.734 ug/l
RT: 13.41 min Scan# 1238
Delta R.T. 0.09 min
Lab File: VD060683.D
Acq: 21 Dec 2018 14:54

Instrument : MSVOA_D
ClientSampleId : NB-07-122018-A

Tgt Ion:146 Resp: 449

Ion	Ratio	Lower	Upper
146	100		
111	0.0	16.6	49.8#
148	66.3	32.6	97.8

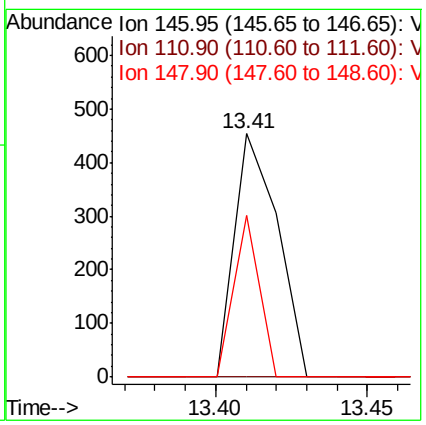


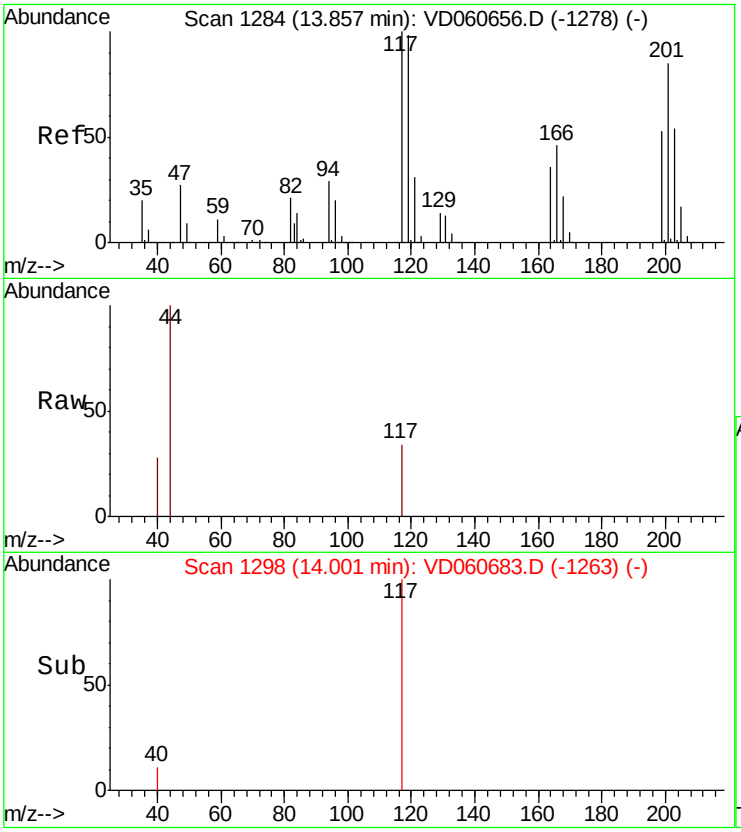


#88
1,4-Dichlorobenzene
Concen: 1.760 ug/l
RT: 13.41 min Scan# 1238
Delta R.T. 0.02 min
Lab File: VD060683.D
Acq: 21 Dec 2018 14:54

Tgt Ion:146 Resp: 449

Ion	Ratio	Lower	Upper
146	100		
111	0.0	16.2	48.5#
148	66.3	32.7	98.1



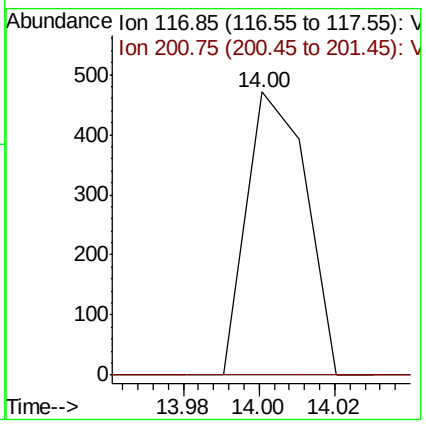


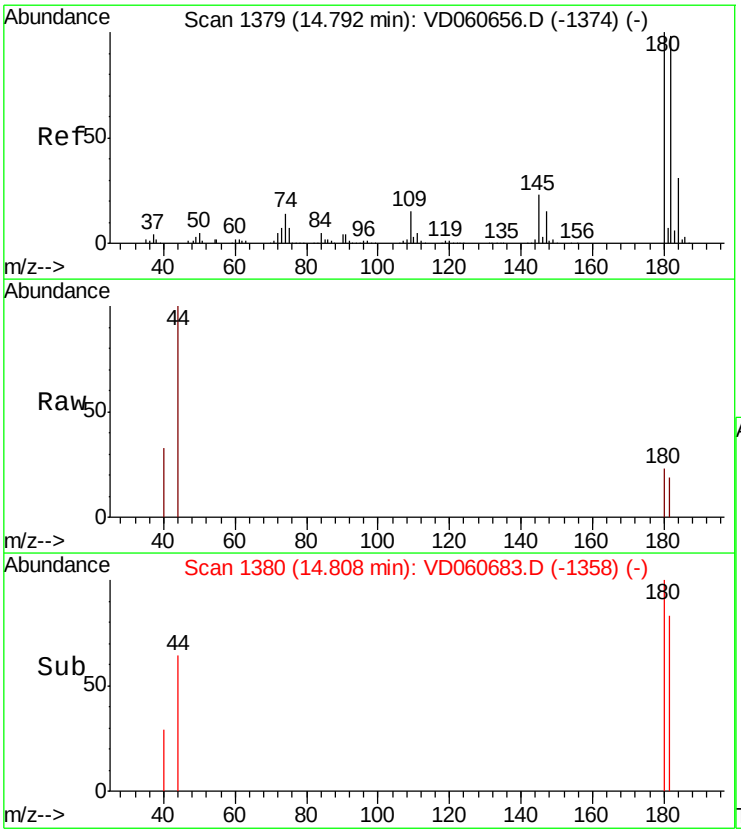
#90
Hexachloroethane
Concen: 4.492 ug/l
RT: 14.00 min Scan# 1298
Delta R.T. 0.14 min
Lab File: VD060683.D
Acq: 21 Dec 2018 14:54

Instrument : MSVOA_D
ClientSampleId : NB-07-122018-A

Tgt Ion:117 Resp: 510

Ion	Ratio	Lower	Upper
117	100		
201	0.0	42.6	127.8#

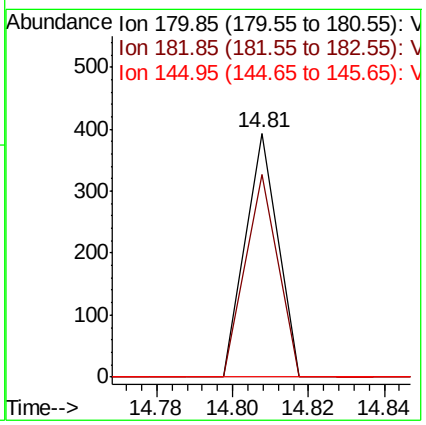


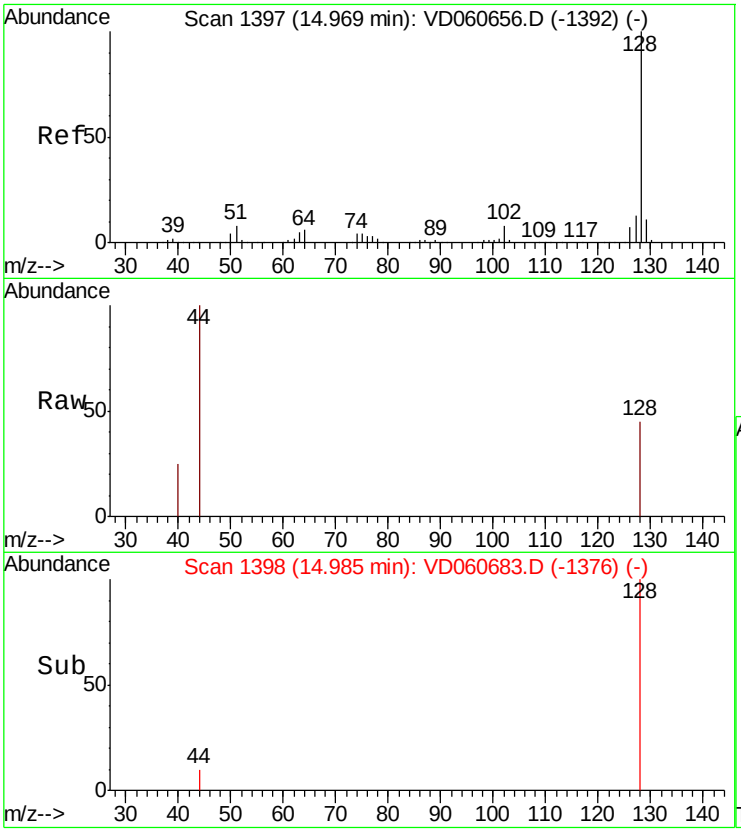


#93
1,2,4-Trichlorobenzene
Concen: 1.404 ug/l
RT: 14.81 min Scan# 1380
Delta R.T. 0.02 min
Lab File: VD060683.D
Acq: 21 Dec 2018 14:54

Tgt Ion:180 Resp: 232

Ion	Ratio	Lower	Upper
180	100		
182	83.0	48.8	146.4
145	0.0	11.8	35.3#





#95
Naphthalene
Concen: 4.160 ug/l
RT: 14.98 min Scan# 1398
Delta R.T. 0.02 min
Lab File: VD060683.D
Acq: 21 Dec 2018 14:54

Instrument :
MSVOA_D
ClientSampleId :
NB-07-122018-A

Tgt Ion:128 Resp: 817

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.1	15.1#
129	0.0	8.6	13.0#