Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032119\
Data File : VN054518.D
Acq On : 21 Mar 2019 18:27
Operator : JC/SP
Sample : K1965-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : BP-DUP05-20190315

Quant Time: Mar 22 10:16:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	465574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	841231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	874048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	317533	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	316700	54.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.38%			
35) Dibromofluoromethane	7.59	113	264419	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.58%			
50) Toluene-d8	10.09	98	1086012	53.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.60%			
62) 4-Bromofluorobenzene	12.40	95	398382	57.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 114.92%			
Target Compounds						Qvalue
7) Trichlorofluoromethane	3.02	101	9517	1.289	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	1403	0.323	ug/l #	51
12) 1,1-Dichloroethene	3.73	96	3373	0.751	ug/l	89
13) Acrolein	3.62	56	295	0.610	ug/l	96
16) Acetone	3.82	43	3420	1.964	ug/l #	81
18) Methyl Acetate	4.33	43	928	0.239	ug/l #	79
19) Methyl tert-butyl Ether	5.06	73	15075	1.150	ug/l	97
24) 1,1-Dichloroethane	5.85	63	5972	0.665	ug/l #	83
31) Cyclohexane	7.67	56	8998	Below Cal	#	21
36) 1,1-Dichloropropene	7.66	75	32625	4.148	ug/l #	48
38) Carbon Tetrachloride	7.67	117	41898	5.481	ug/l #	16
43) Isopropyl Acetate	8.25	43	2020	0.214	ug/l #	60
44) Trichloroethene	8.84	130	23028	3.683	ug/l	88
53) t-1,3-Dichloropropene	10.11	75	65	2.240	ug/l #	1
60) Dibromochloromethane	10.63	129	15717	2.970	ug/l #	11
64) Tetrachloroethene	10.63	164	19598	2.703	ug/l	95
71) Bromoform	12.38	173	101	2.242	ug/l #	28
76) 1,2,3-Trichloropropane	12.40	75	203012	40.290	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	203012	133.255	ug/l #	11

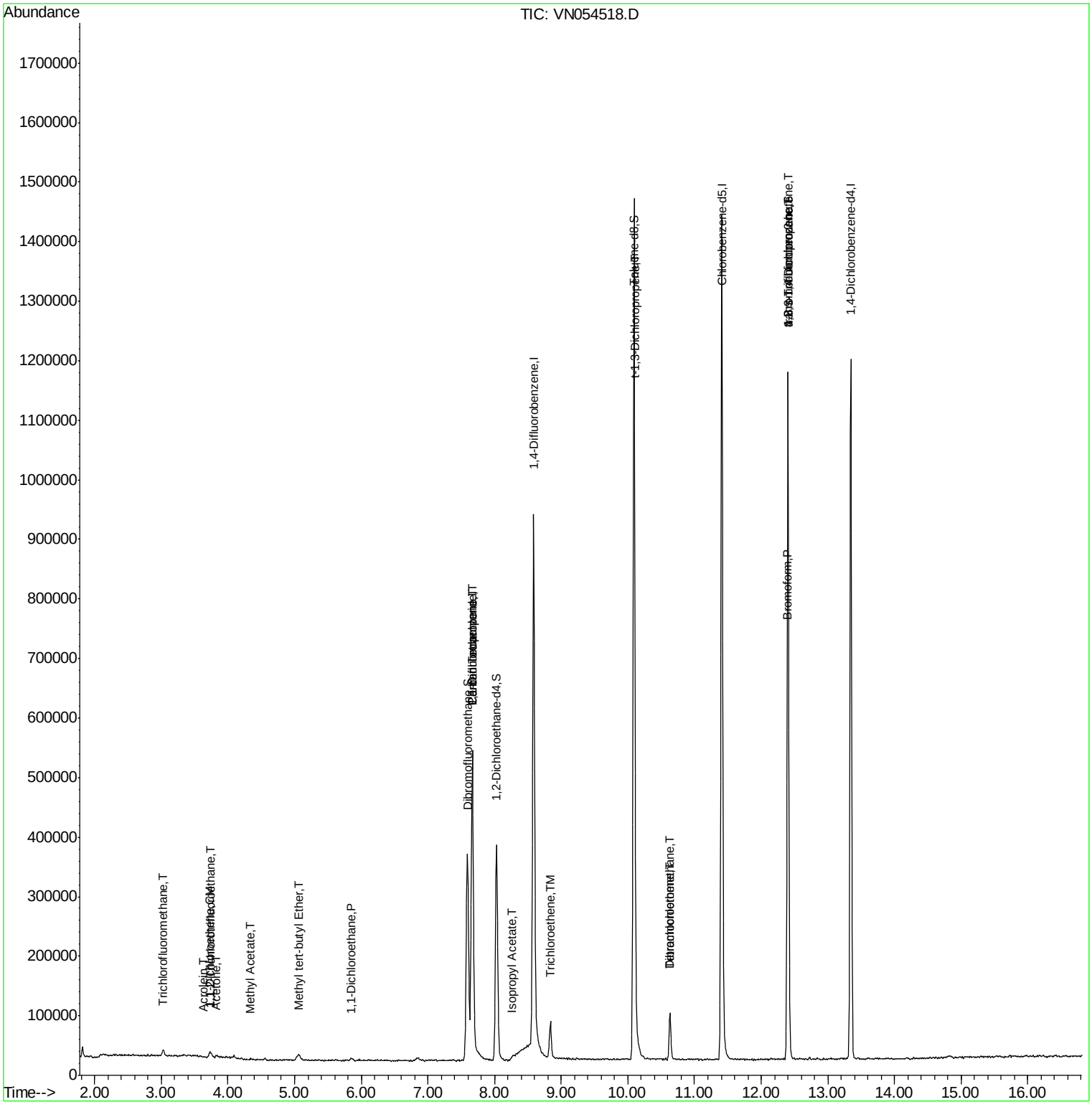
(#) = qualifier out of range (m) = manual integration (+) = signals summed

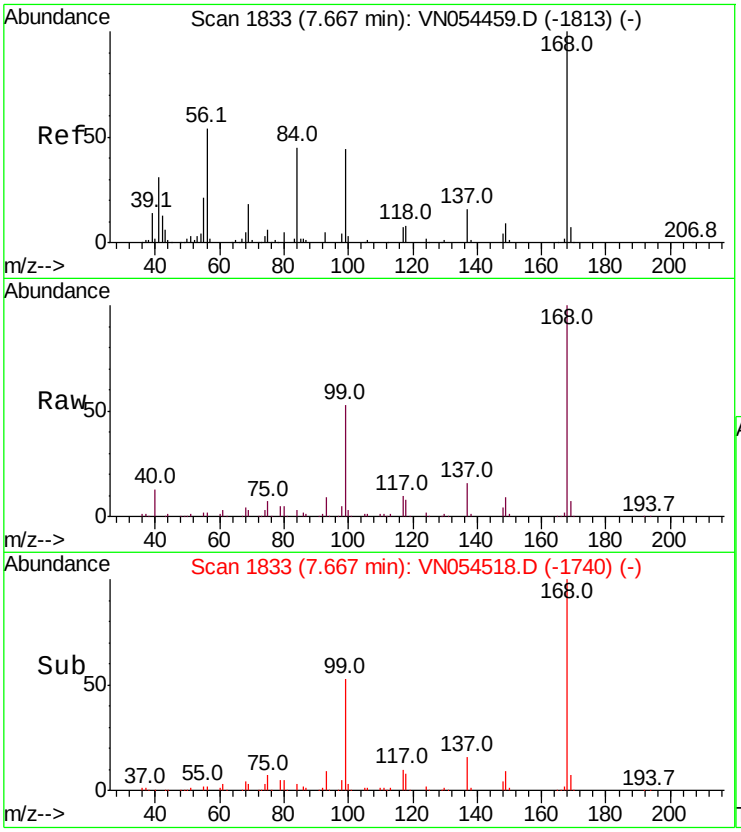
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032119\
Data File : VN054518.D
Acq On : 21 Mar 2019 18:27
Operator : JC/SP
Sample : K1965-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-DUP05-20190315

Quant Time: Mar 22 10:16:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration



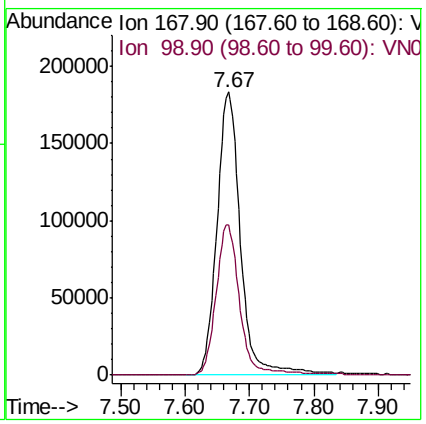


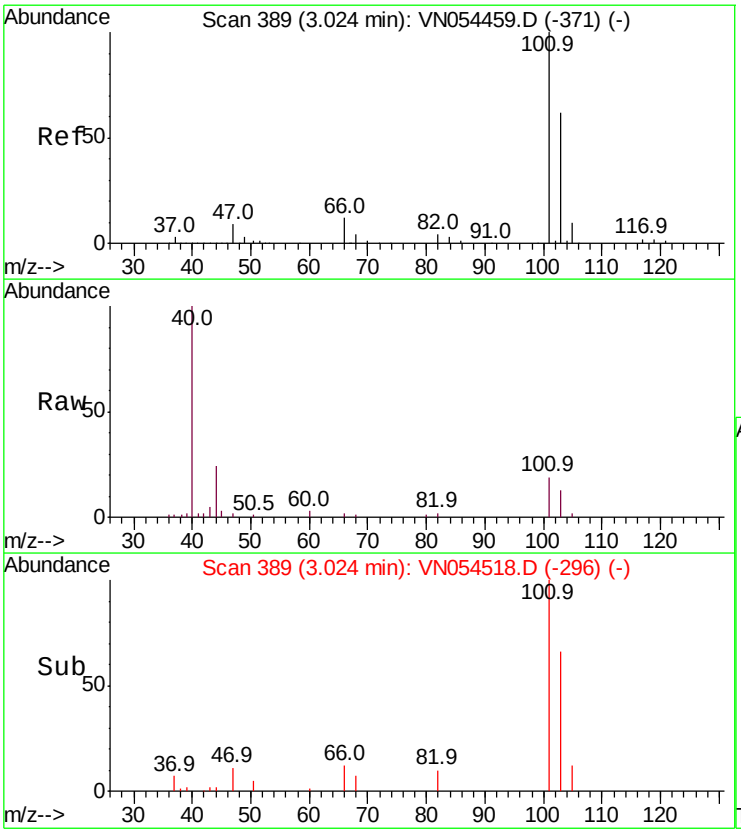
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN054518.D
Acq: 21 Mar 2019 18:27

Instrument :
MSVOA_N
ClientSampleId :
BP-DUP05-20190315

Tgt Ion:168 Resp: 465574

Ion	Ratio	Lower	Upper
168	100		
99	53.0	37.1	55.7

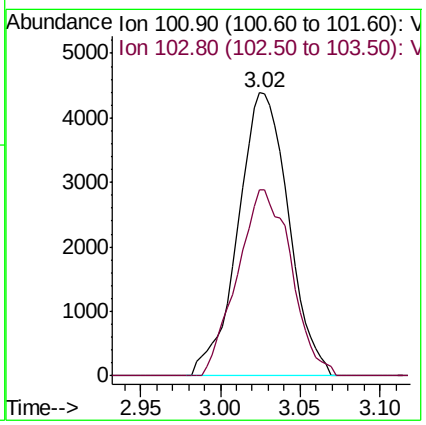


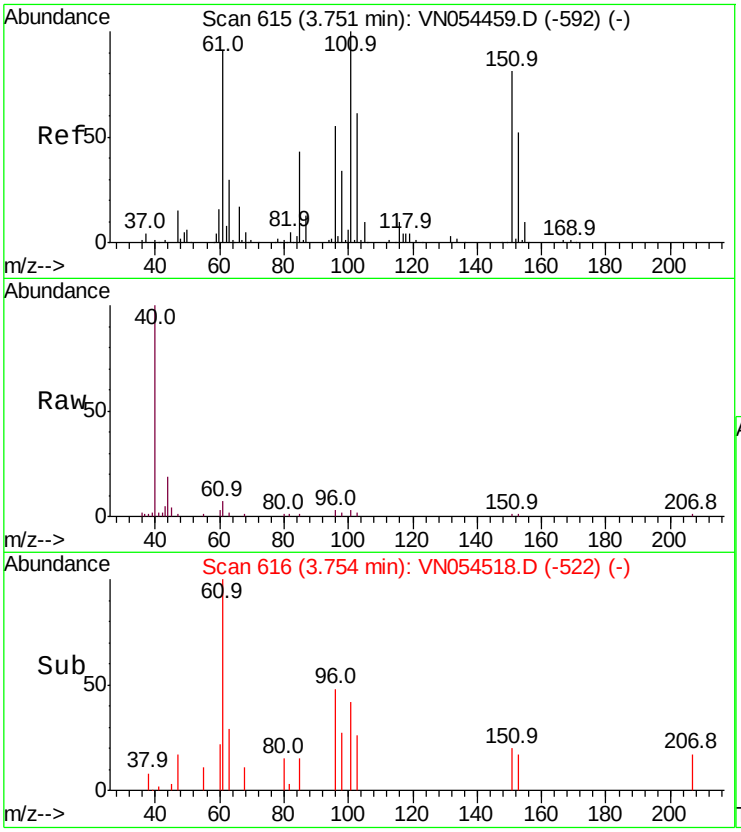


#7
Trichlorofluoromethane
Concen: 1.289 ug/l
RT: 3.02 min Scan# 389
Delta R.T. -0.00 min
Lab File: VN054518.D
Acq: 21 Mar 2019 18:27

Tgt Ion:101 Resp: 9517

Ion	Ratio	Lower	Upper
101	100		
103	65.8	51.4	77.2



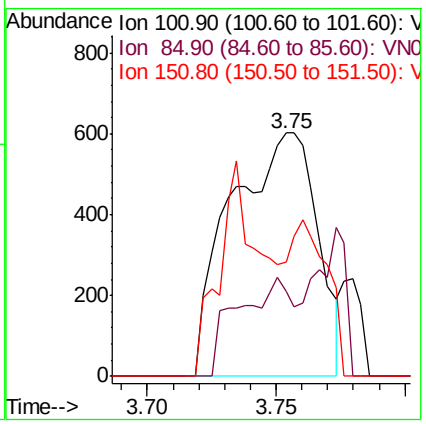


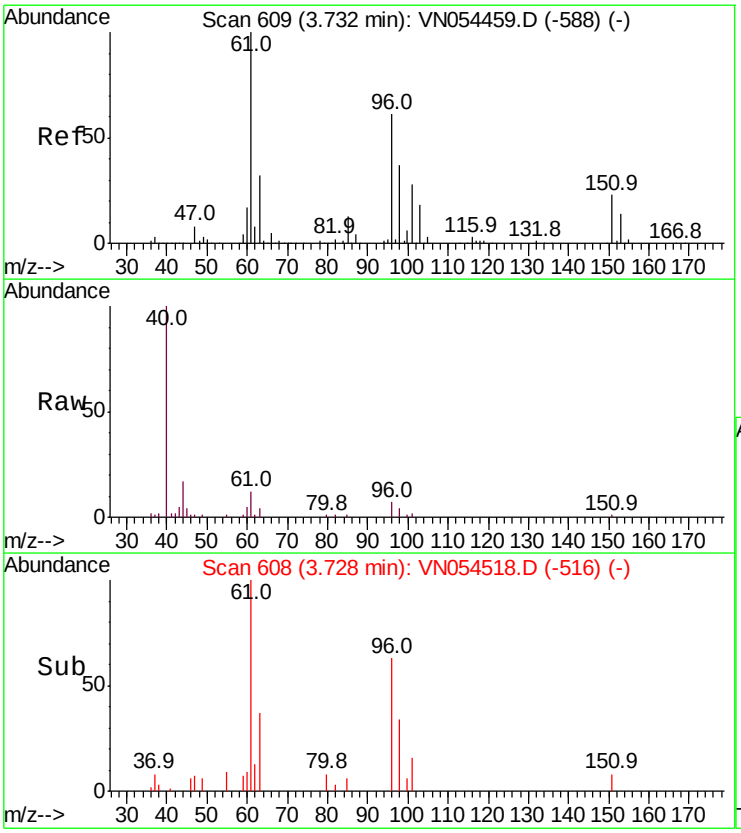
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.323 ug/l
RT: 3.75 min Scan# 616
Delta R.T. 0.00 min
Lab File: VN054518.D
Acq: 21 Mar 2019 18:27

Instrument :
MSVOA_N
ClientSampleId :
BP-DUP05-20190315

Tgt Ion:101 Resp: 1403

Ion	Ratio	Lower	Upper
101	100		
85	25.5	32.4	48.6#
151	29.7	68.2	102.2#

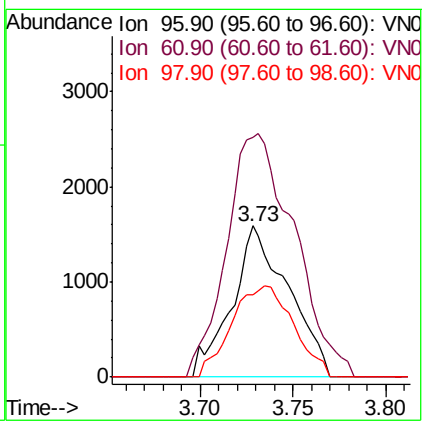


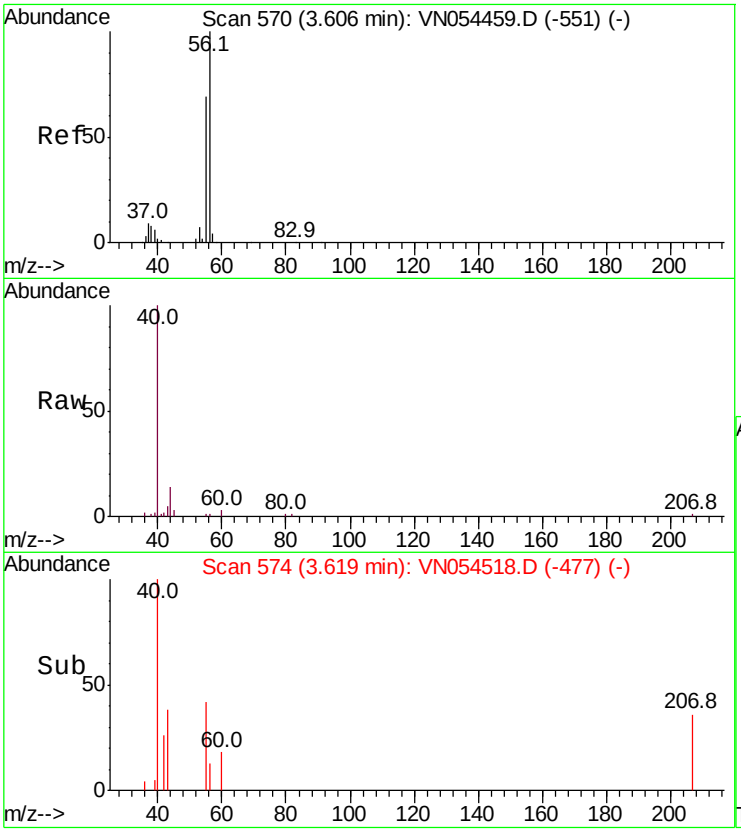


#12
1,1-Dichloroethene
Concen: 0.751 ug/l
RT: 3.73 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN054518.D
Acq: 21 Mar 2019 18:27

Tgt Ion: 96 Resp: 3373

Ion	Ratio	Lower	Upper
96	100		
61	158.8	116.5	174.7
98	54.6	51.0	76.4



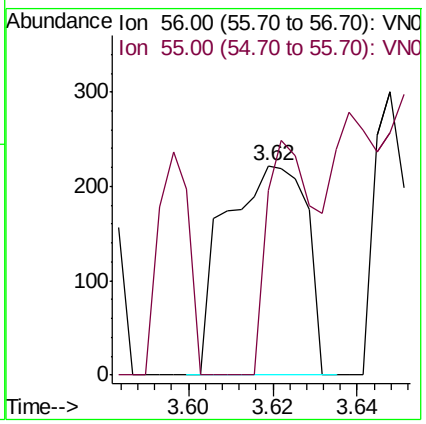


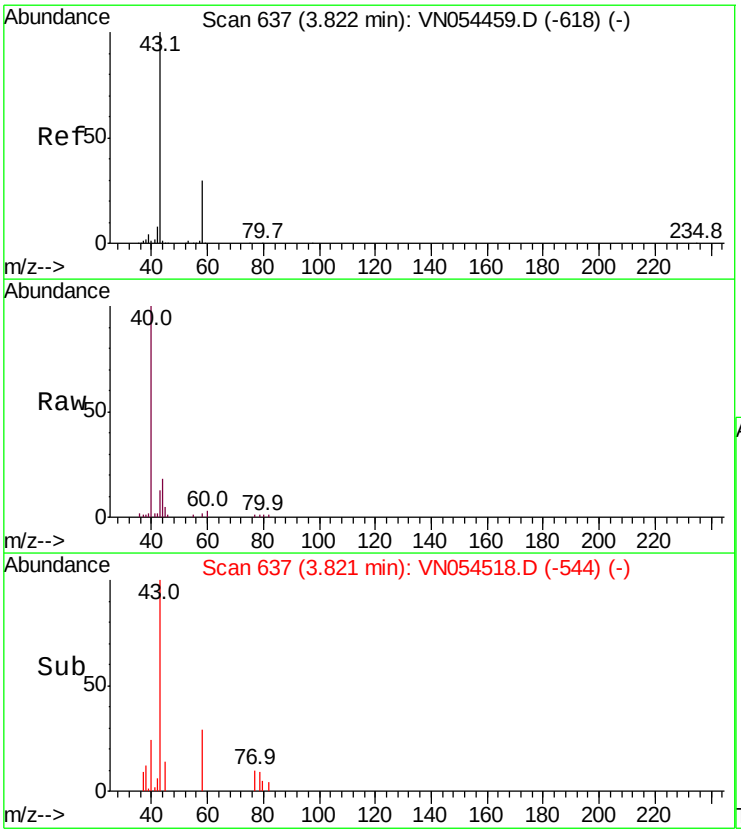
#13
Acrolein
Concen: 0.610 ug/l
RT: 3.62 min Scan# 574
Delta R.T. 0.01 min
Lab File: VN054518.D
Acq: 21 Mar 2019 18:27

Instrument :
MSVOA_N
ClientSampleId :
BP-DUP05-20190315

Tgt Ion: 56 Resp: 295

Ion	Ratio	Lower	Upper
56	100		
55	67.5	56.7	85.1

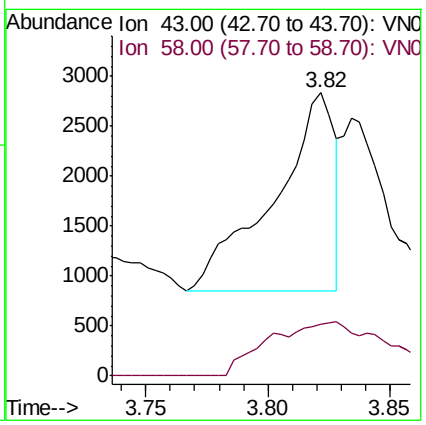


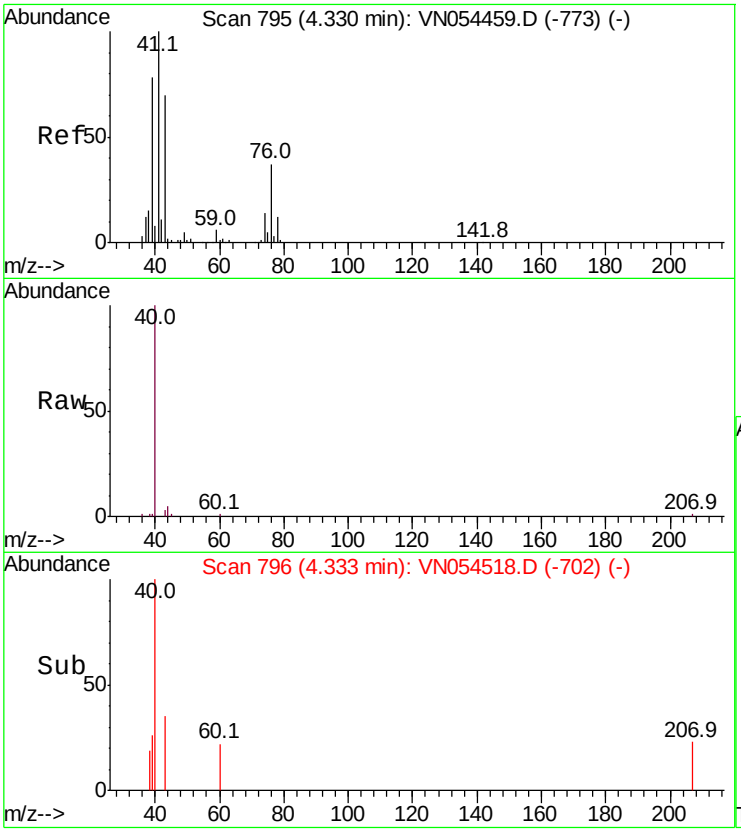


#16
Acetone
Concen: 1.964 ug/l
RT: 3.82 min Scan# 637
Delta R.T. -0.00 min
Lab File: VN054518.D
Acq: 21 Mar 2019 18:27

Tgt Ion: 43 Resp: 3420

Ion	Ratio	Lower	Upper
43	100		
58	25.9	29.9	44.9#



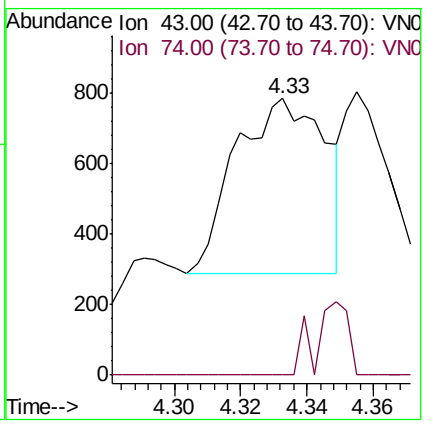


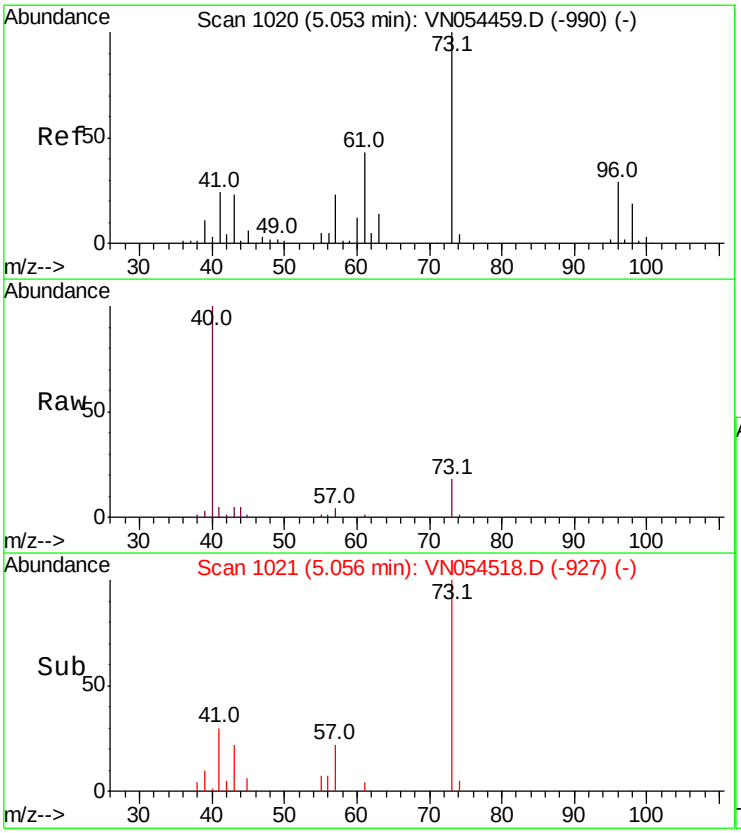
#18
Methyl Acetate
Concen: 0.239 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN054518.D
Acq: 21 Mar 2019 18:27

Instrument :
MSVOA_N
ClientSampleId :
BP-DUP05-20190315

Tgt Ion: 43 Resp: 928

Ion	Ratio	Lower	Upper
43	100		
74	15.4	20.8	31.2#

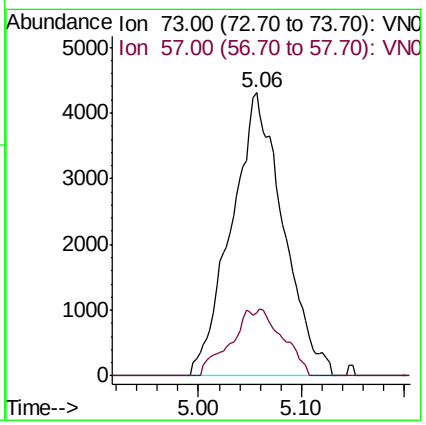


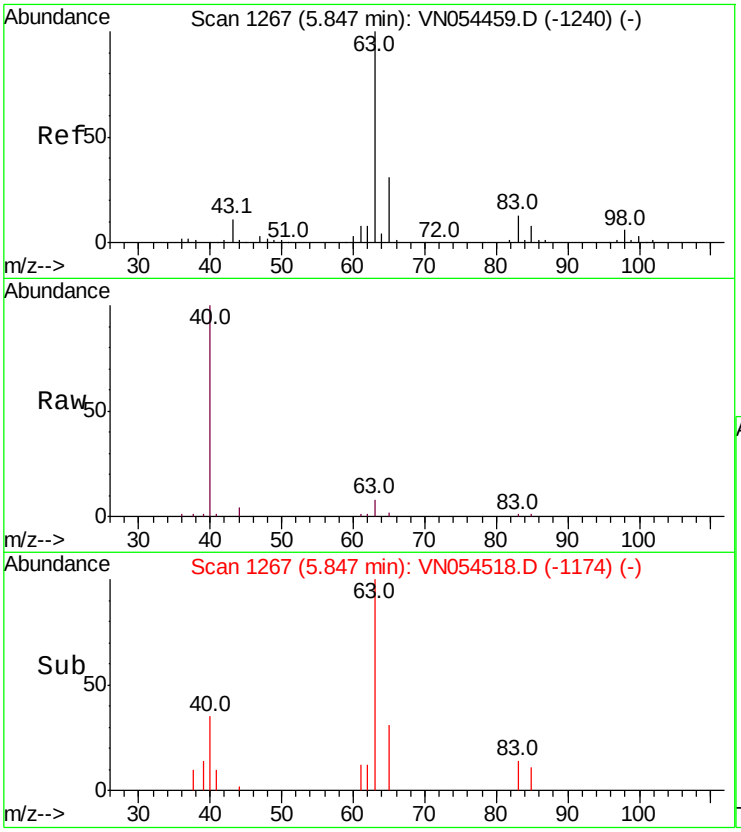


#19
Methyl tert-butyl Ether
Concen: 1.150 ug/l
RT: 5.06 min Scan# 1021
Delta R.T. 0.00 min
Lab File: VN054518.D
Acq: 21 Mar 2019 18:27

Tgt Ion: 73 Resp: 15075

Ion	Ratio	Lower	Upper
73	100		
57	22.4	16.8	25.2



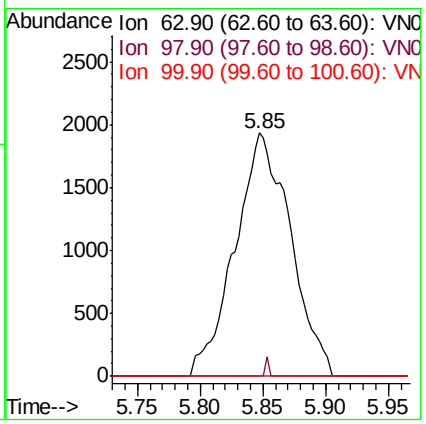


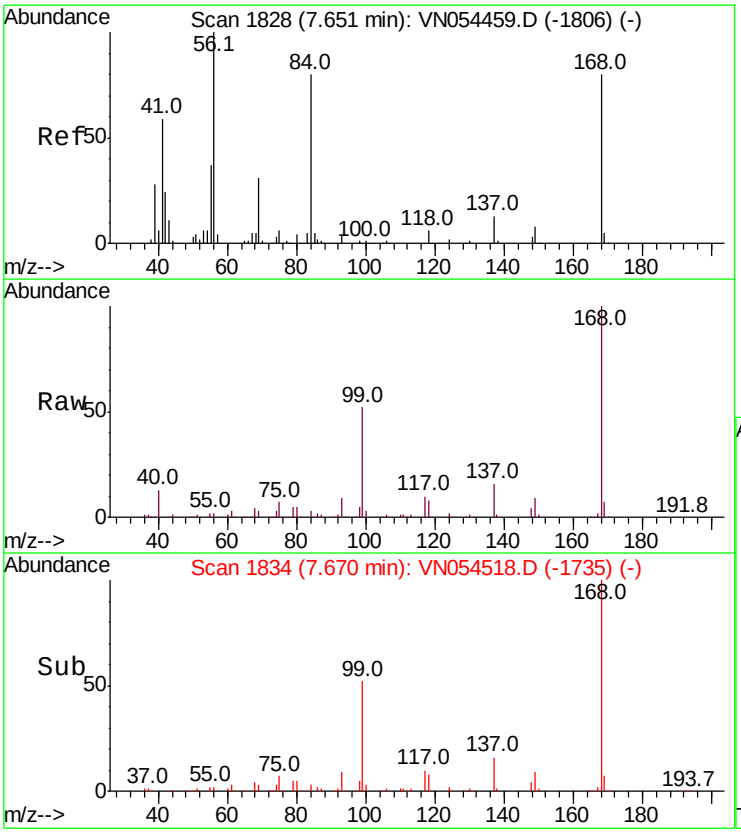
#24
1,1-Dichloroethane
Concen: 0.665 ug/l
RT: 5.85 min Scan# 1267
Delta R.T. -0.00 min
Lab File: VN054518.D
Acq: 21 Mar 2019 18:27

Instrument :
MSVOA_N
ClientSampleId :
BP-DUP05-20190315

Tgt Ion: 63 Resp: 5972

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.5	10.5#
100	0.0	2.0	6.0#

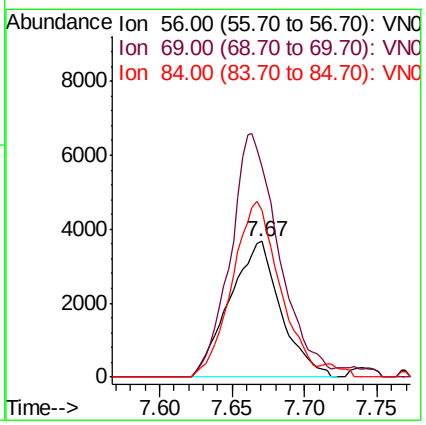


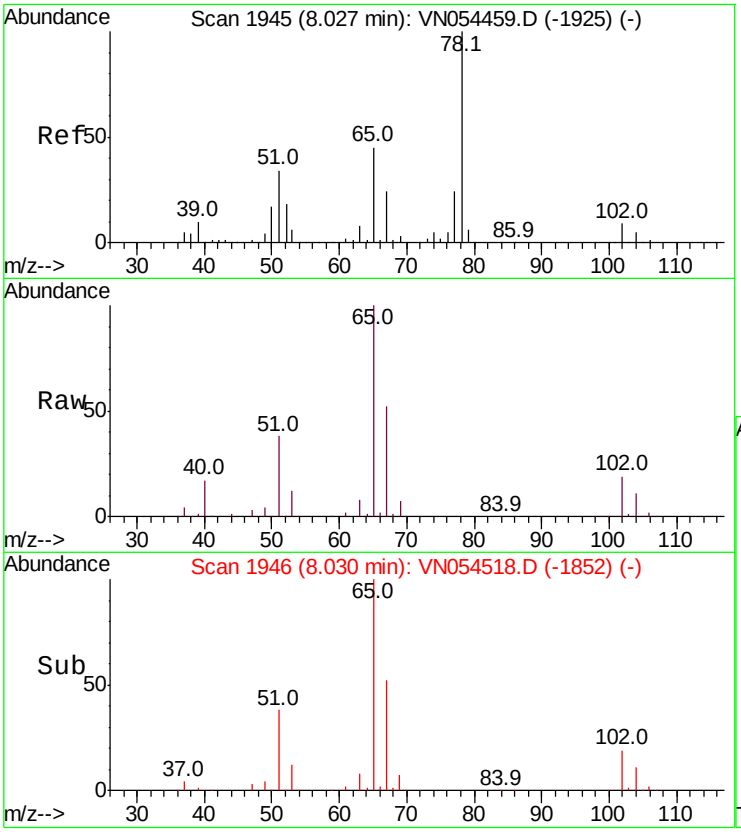


#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1834
Delta R.T. 0.02 min
Lab File: VN054518.D
Acq: 21 Mar 2019 18:27

Tgt Ion: 56 Resp: 8998

Ion	Ratio	Lower	Upper
56	100		
69	154.5	27.8	41.6#
84	123.0	74.6	111.8#



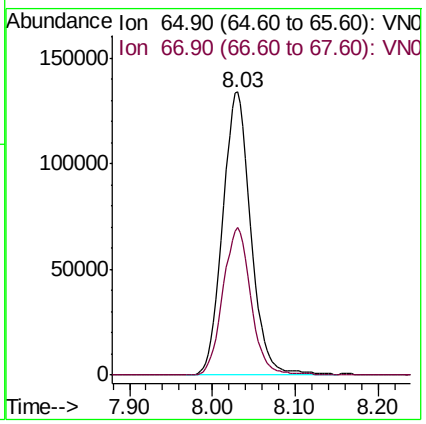


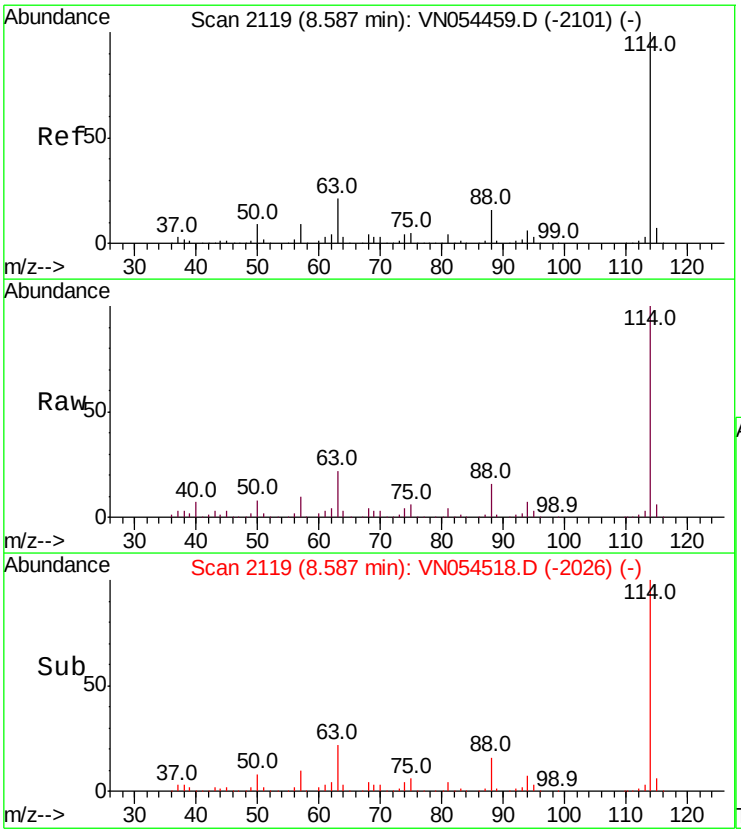
#33
1,2-Dichloroethane-d4
Concen: 54.688 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054518.D
Acq: 21 Mar 2019 18:27

Instrument :
MSVOA_N
ClientSampleId :
BP-DUP05-20190315

Tgt Ion: 65 Resp: 316700

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	104.6

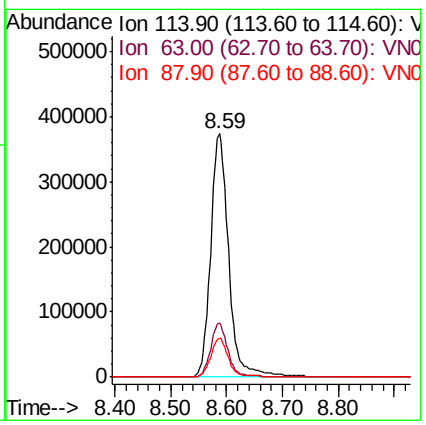


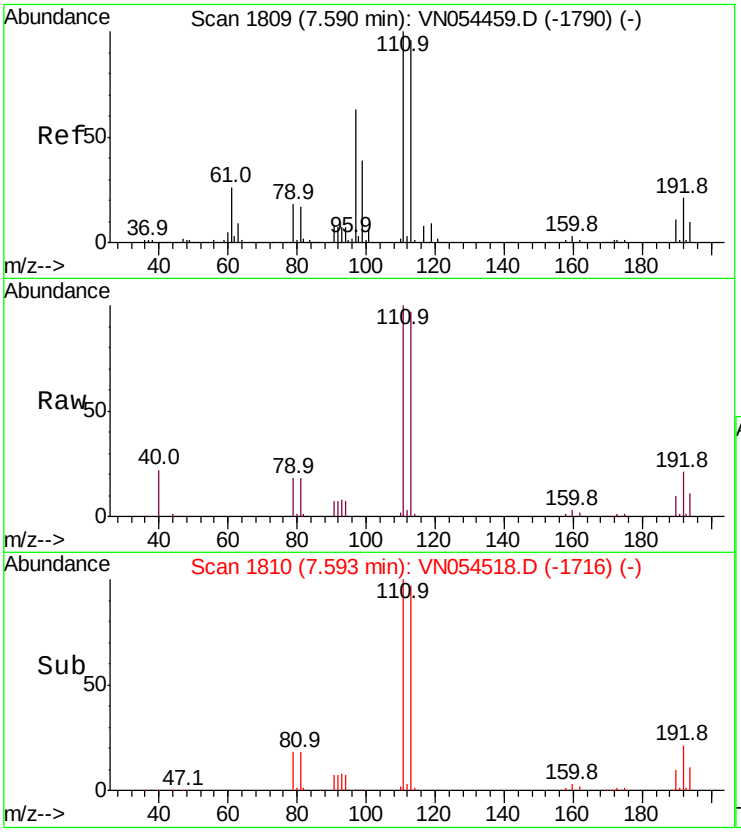


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054518.D
Acq: 21 Mar 2019 18:27

Tgt Ion:114 Resp: 841231

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	35.2
88	16.2	0.0	30.2



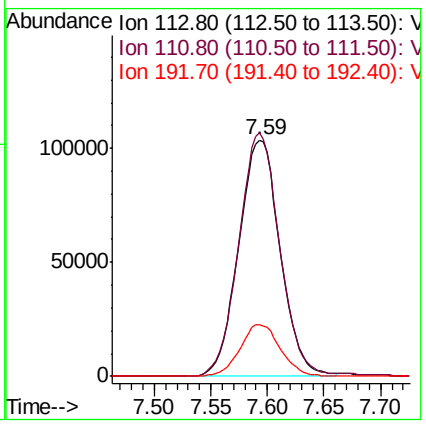


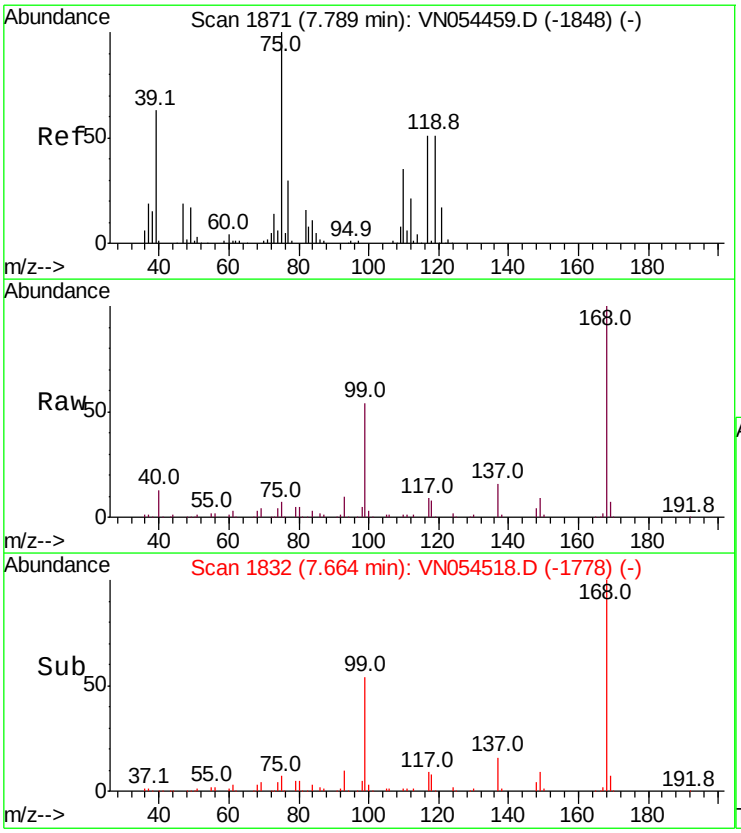
#35
Dibromofluoromethane
Concen: 48.789 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054518.D
Acq: 21 Mar 2019 18:27

Instrument :
MSVOA_N
ClientSampleId :
BP-DUP05-20190315

Tgt Ion:113 Resp: 264419

Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.2	123.4
192	21.3	19.2	28.8

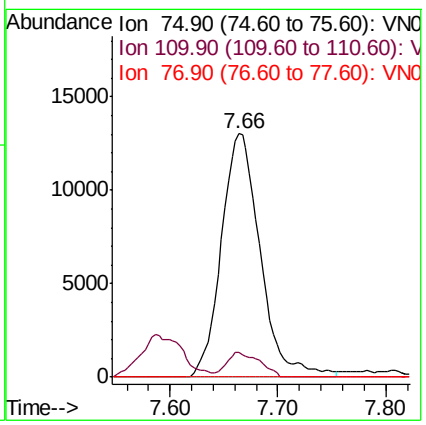


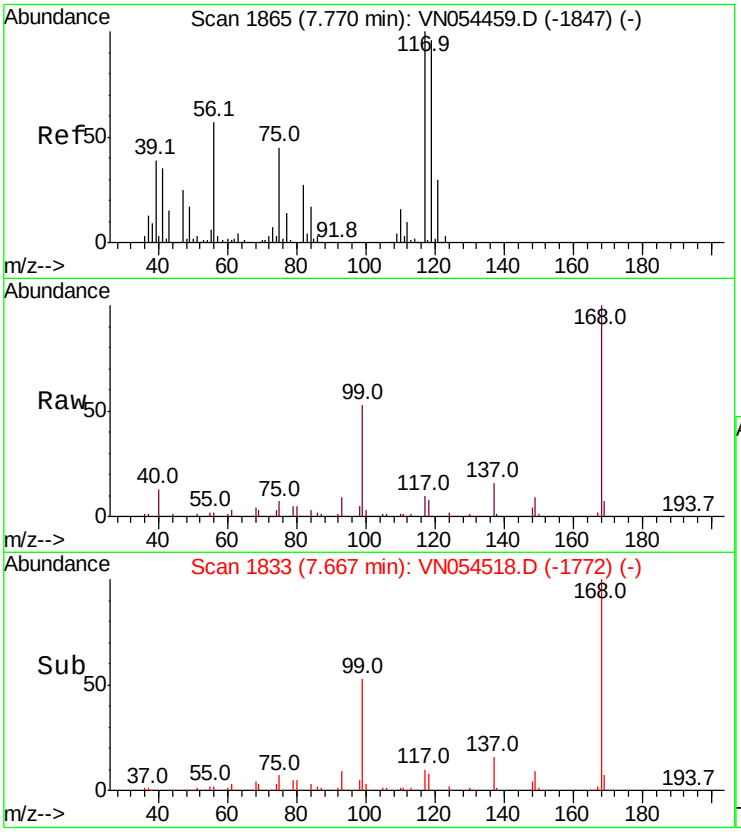


#36
1,1-Dichloropropene
Concen: 4.148 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN054518.D
Acq: 21 Mar 2019 18:27

Tgt Ion: 75 Resp: 32625

Ion	Ratio	Lower	Upper
75	100		
110	8.8	19.1	57.5#
77	0.0	25.0	37.4#



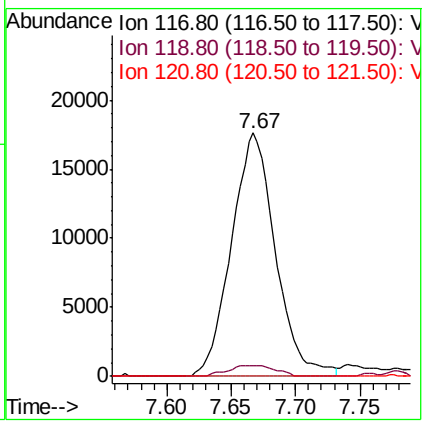


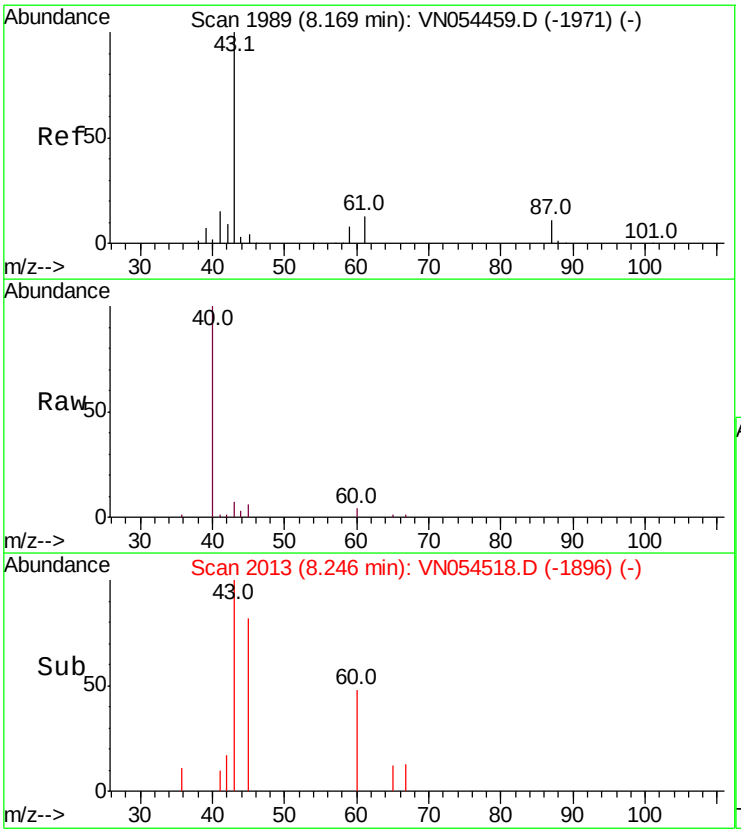
#38
Carbon Tetrachloride
Concen: 5.481 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.10 min
Lab File: VN054518.D
Acq: 21 Mar 2019 18:27

Instrument :
MSVOA_N
ClientSampleId :
BP-DUP05-20190315

Tgt Ion:117 Resp: 41898

Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.3	114.5#
121	0.0	24.6	36.8#

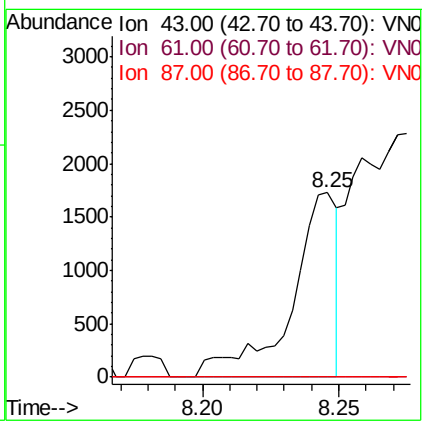


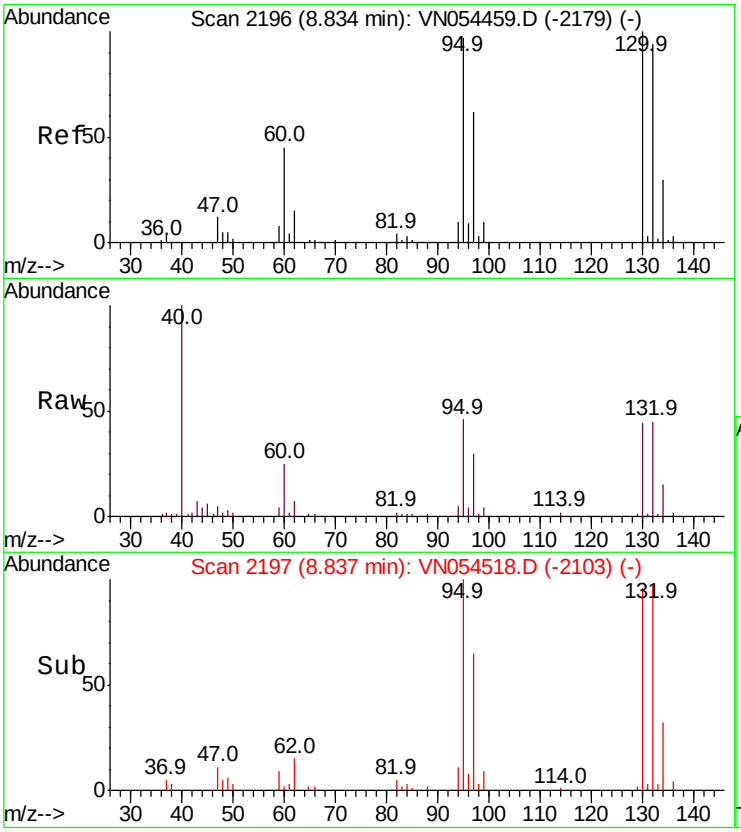


#43
Isopropyl Acetate
Concen: 0.214 ug/l
RT: 8.25 min Scan# 2013
Delta R.T. 0.08 min
Lab File: VN054518.D
Acq: 21 Mar 2019 18:27

Tgt Ion: 43 Resp: 2020

Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.8	23.8#
87	0.0	12.0	18.0#



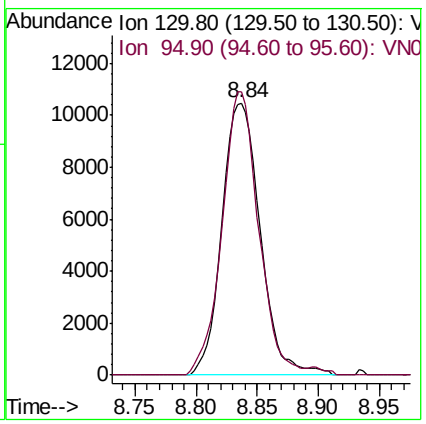


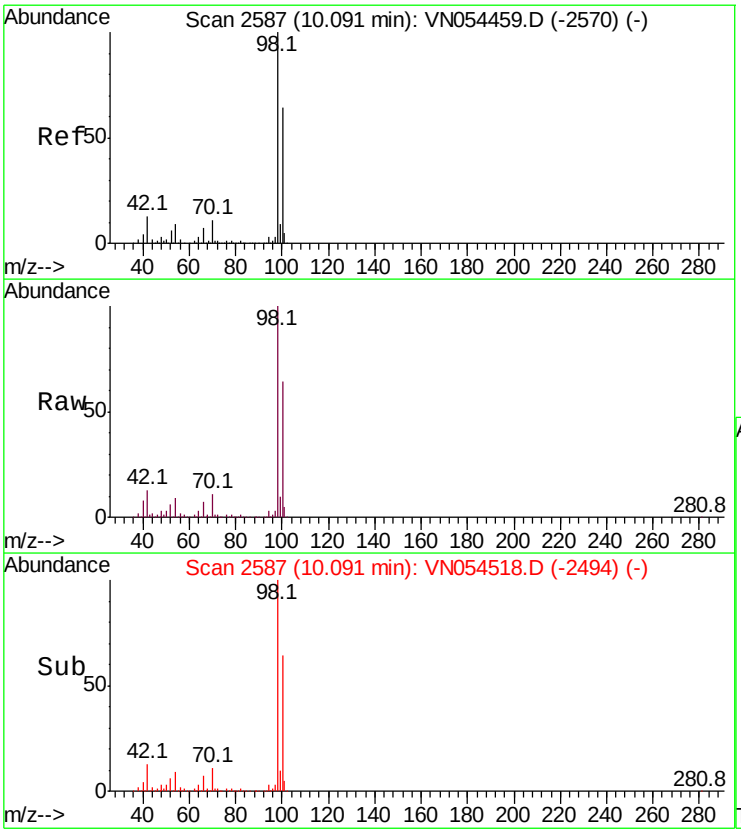
#44
Trichloroethene
Concen: 3.683 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN054518.D
Acq: 21 Mar 2019 18:27

Instrument :
MSVOA_N
ClientSampleId :
BP-DUP05-20190315

Tgt Ion:130 Resp: 23028

Ion	Ratio	Lower	Upper
130	100		
95	104.0	0.0	185.2

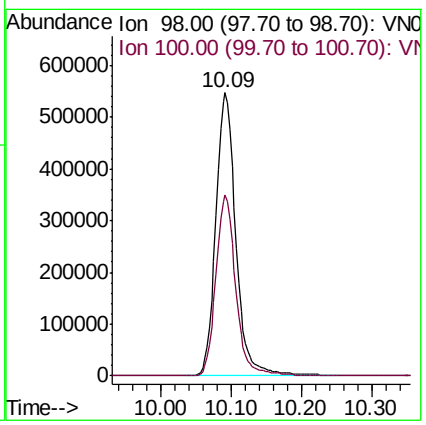


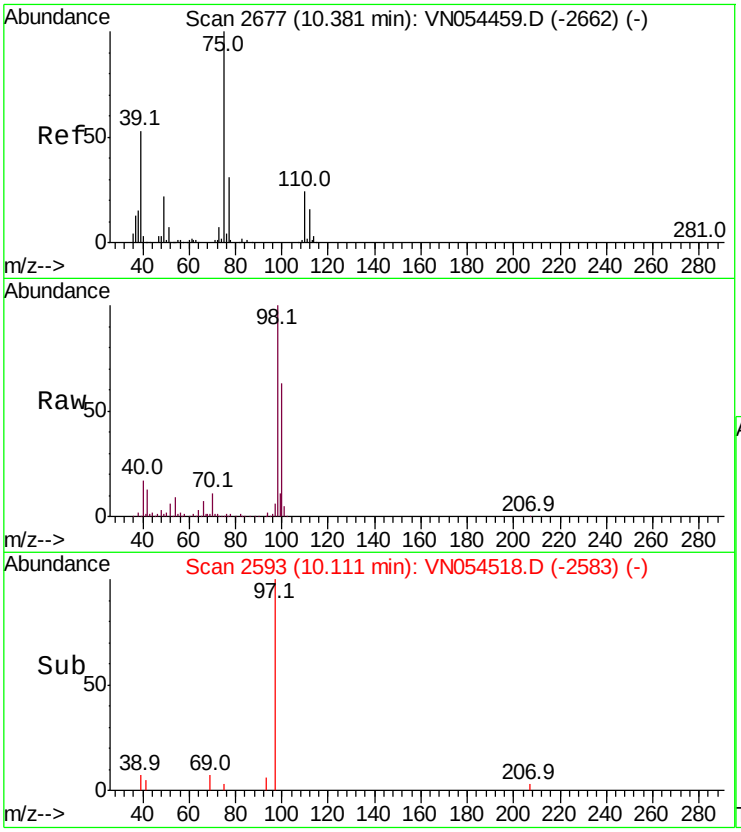


#50
Toluene-d8
Concen: 53.303 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054518.D
Acq: 21 Mar 2019 18:27

Tgt Ion: 98 Resp: 1086012

Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.2	76.8



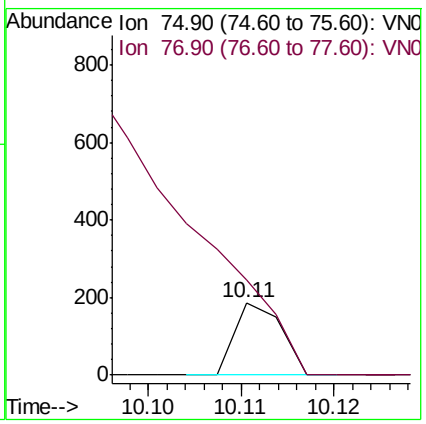


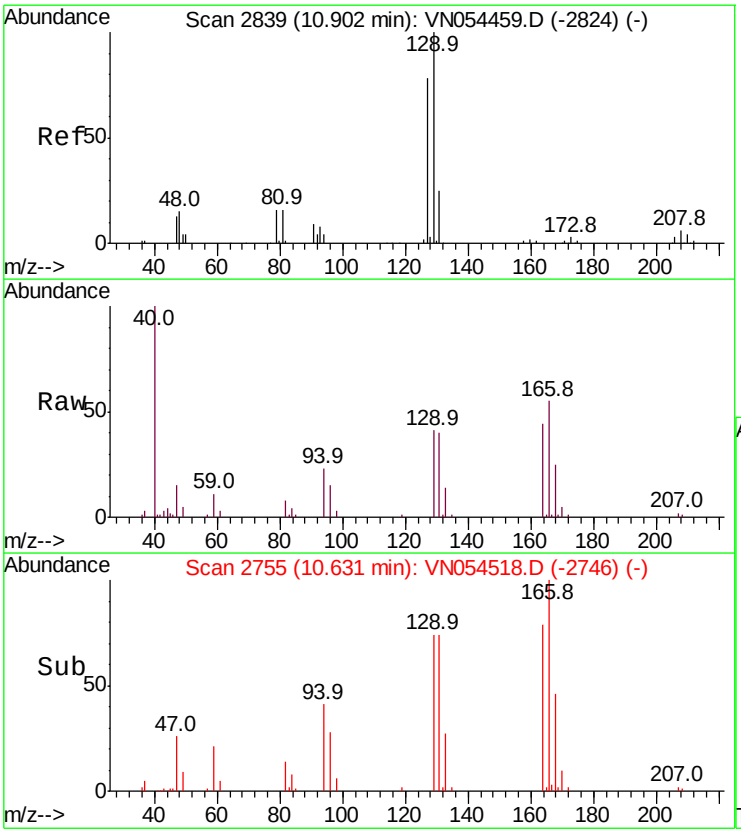
#53
t-1,3-Dichloropropene
Concen: 2.240 ug/l
RT: 10.11 min Scan# 2593
Delta R.T. -0.27 min
Lab File: VN054518.D
Acq: 21 Mar 2019 18:27

Instrument :
MSVOA_N
ClientSampleId :
BP-DUP05-20190315

Tgt Ion: 75 Resp: 65

Ion	Ratio	Lower	Upper
75	100		
77	132.3	25.8	38.8#

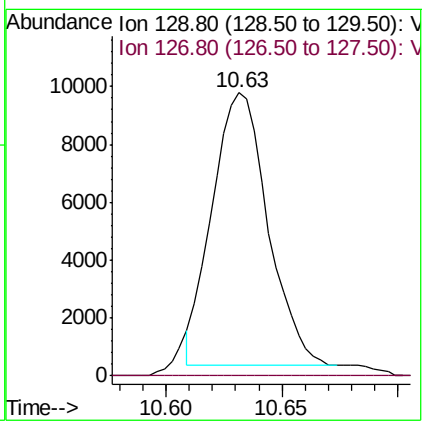


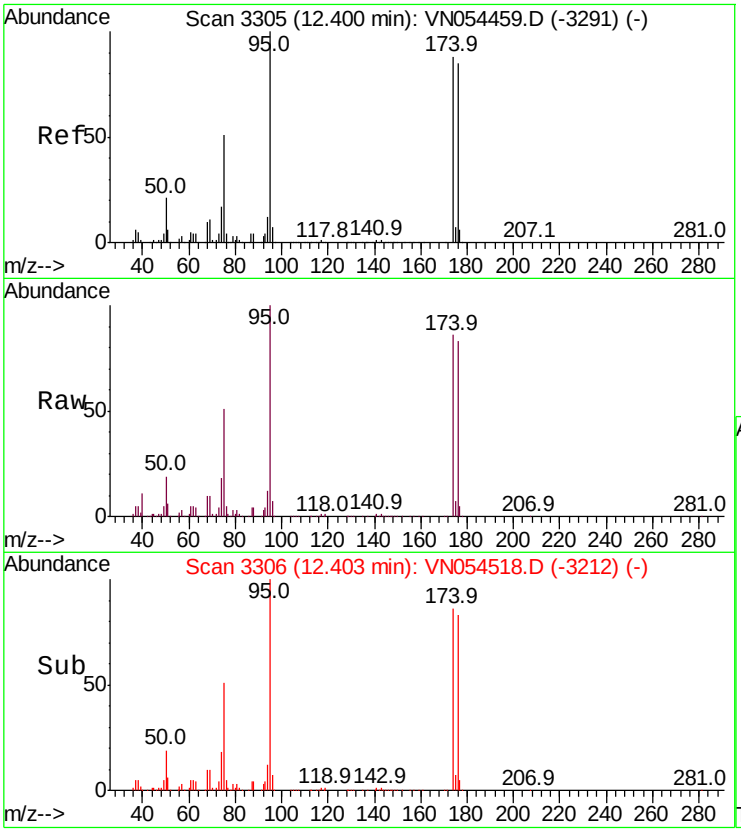


#60
Dibromochloromethane
Concen: 2.970 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.27 min
Lab File: VN054518.D
Acq: 21 Mar 2019 18:27

Tgt Ion:129 Resp: 15717

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.6	115.8#



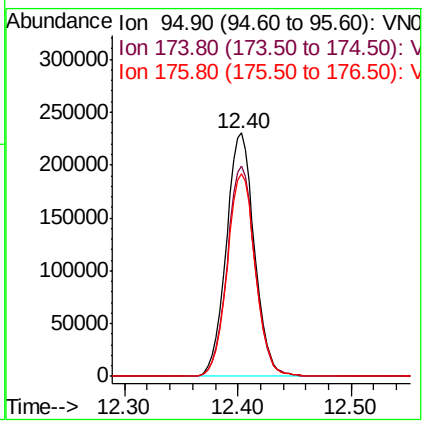


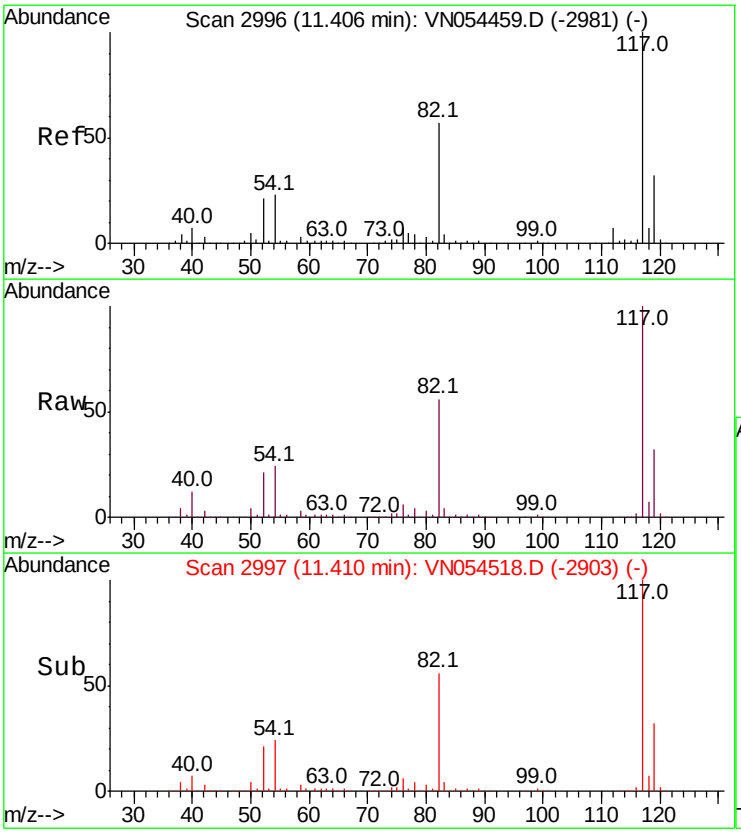
#62
4-Bromofluorobenzene
Concen: 57.461 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054518.D
Acq: 21 Mar 2019 18:27

Instrument :
MSVOA_N
ClientSampleId :
BP-DUP05-20190315

Tgt Ion: 95 Resp: 398382

Ion	Ratio	Lower	Upper
95	100		
174	85.8	0.0	191.0
176	83.4	0.0	187.4

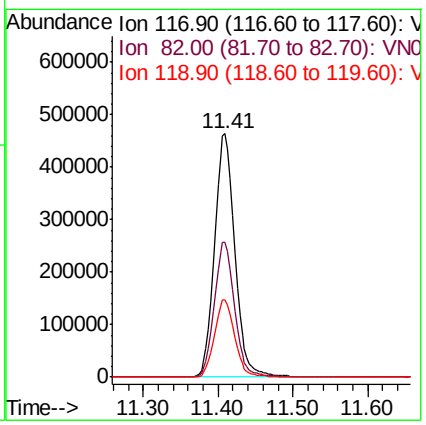


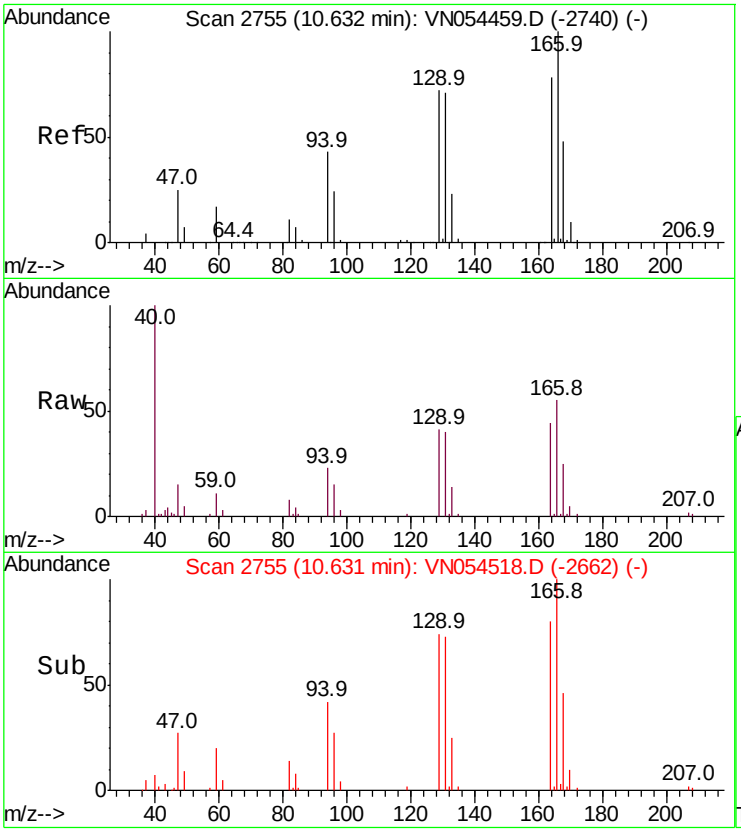


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054518.D
Acq: 21 Mar 2019 18:27

Tgt Ion:117 Resp: 874048

Ion	Ratio	Lower	Upper
117	100		
82	55.6	40.0	60.0
119	31.8	25.8	38.6



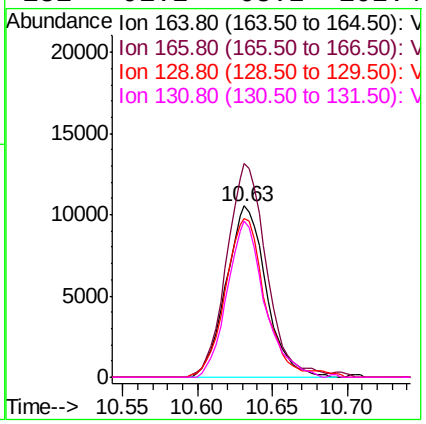


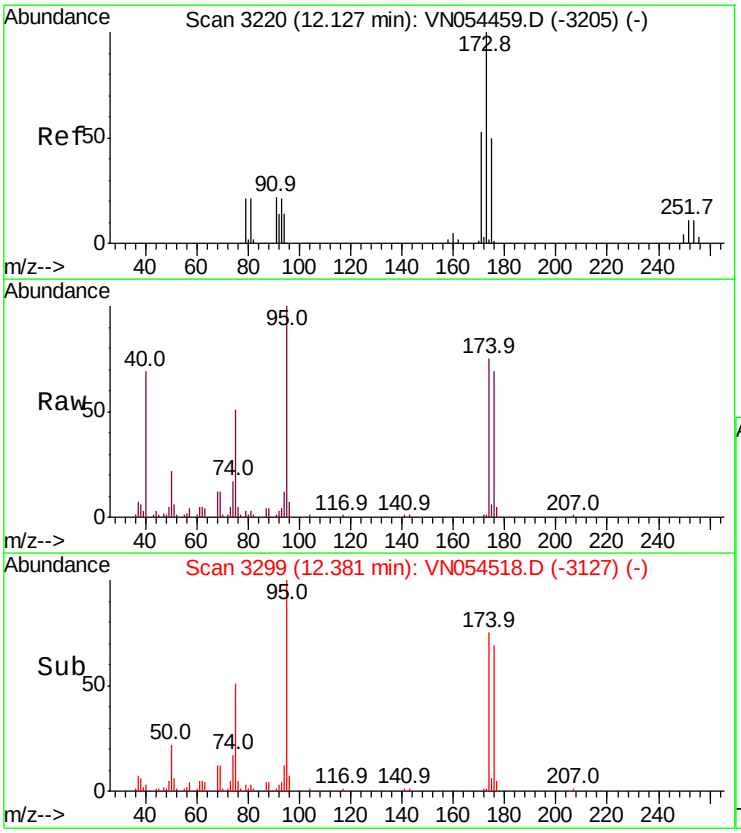
#64
Tetrachloroethene
Concen: 2.703 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN054518.D
Acq: 21 Mar 2019 18:27

Instrument :
MSVOA_N
ClientSampleId :
BP-DUP05-20190315

Tgt Ion:164 Resp: 19598

Ion	Ratio	Lower	Upper
164	100		
166	124.9	103.9	155.9
129	93.0	71.1	106.7
131	91.2	68.2	102.4

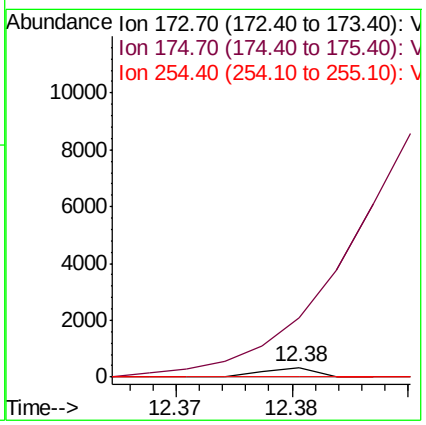


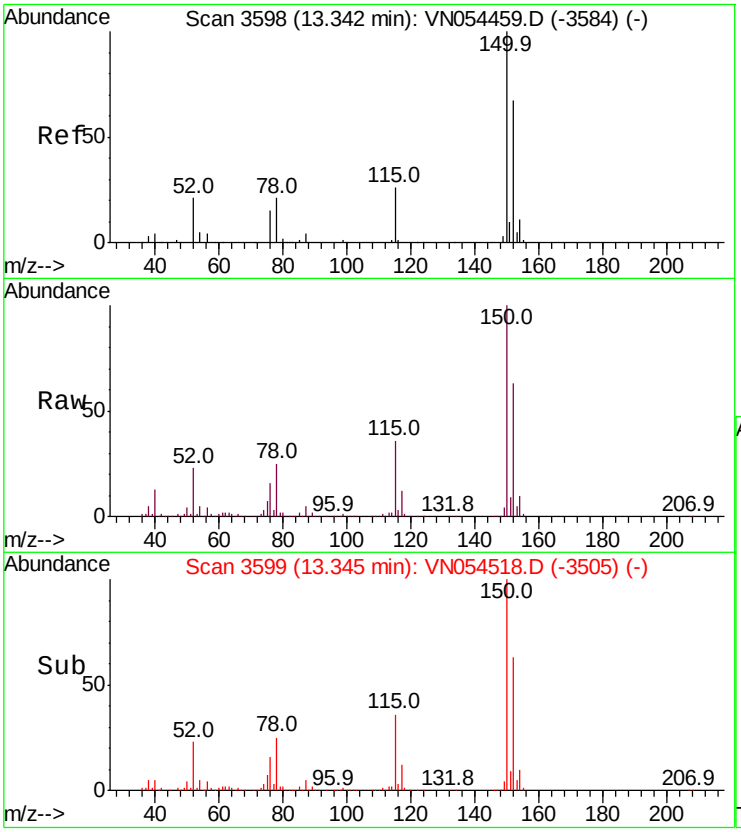


#71
Bromoform
Concen: 2.242 ug/l
RT: 12.38 min Scan# 3299
Delta R.T. 0.25 min
Lab File: VN054518.D
Acq: 21 Mar 2019 18:27

Tgt Ion:173 Resp: 101

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.4	73.2#
254	0.0	0.1	0.1#



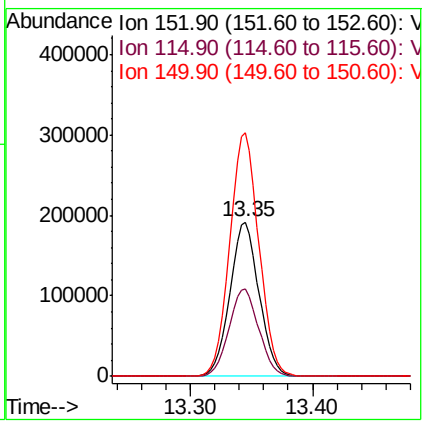


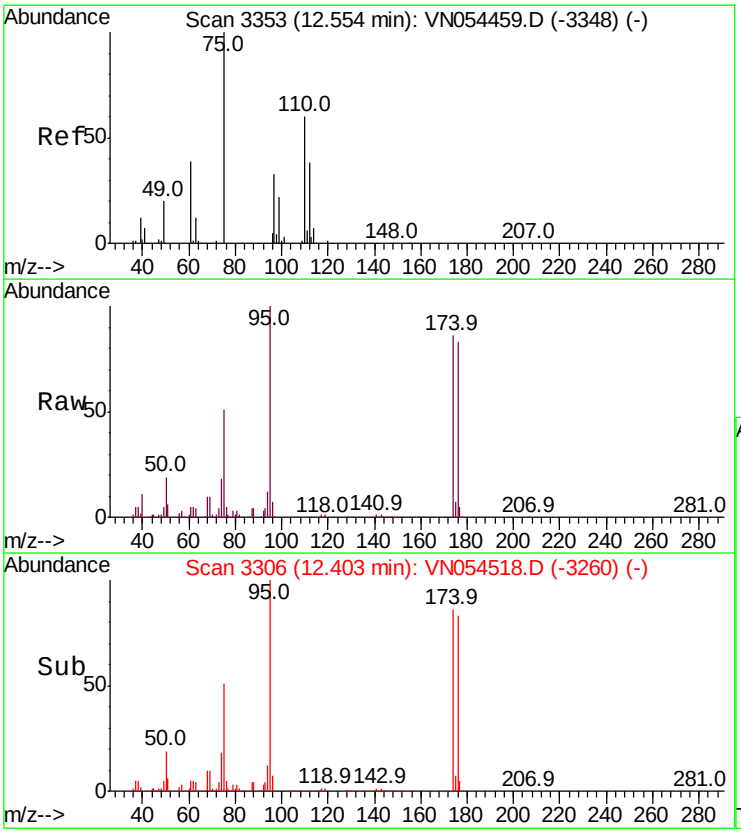
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054518.D
Acq: 21 Mar 2019 18:27

Instrument :
MSVOA_N
ClientSampleId :
BP-DUP05-20190315

Tgt Ion:152 Resp: 317533

Ion	Ratio	Lower	Upper
152	100		
115	57.9	27.2	81.6
150	158.0	0.0	349.2

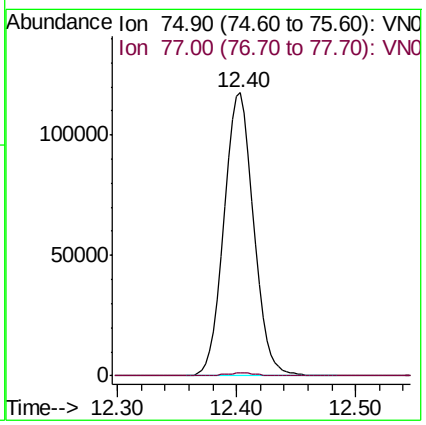


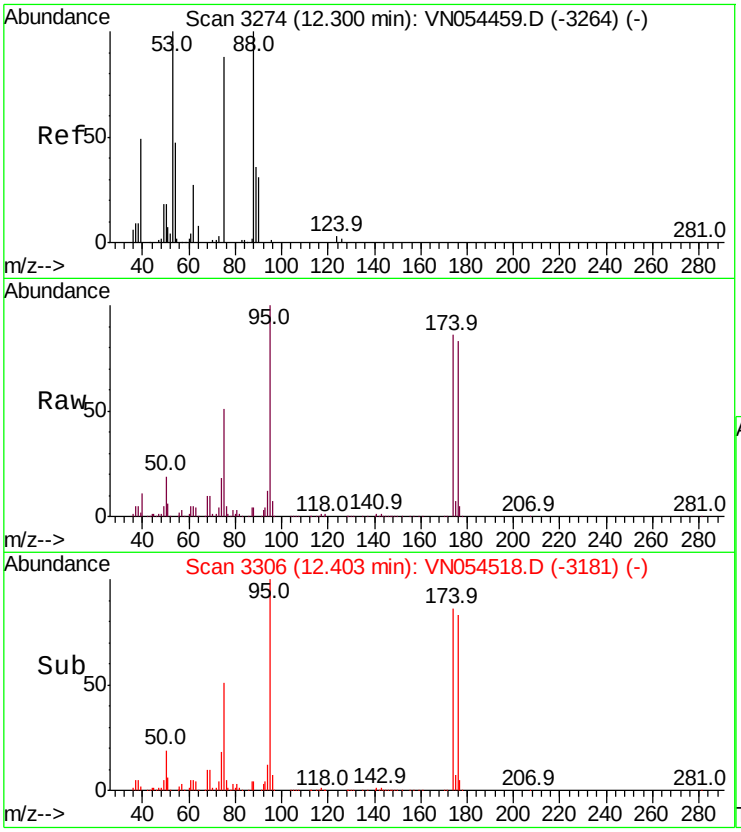


#76
1,2,3-Trichloropropane
Concen: 40.290 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN054518.D
Acq: 21 Mar 2019 18:27

Tgt Ion: 75 Resp: 203012

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 133.255 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN054518.D
Acq: 21 Mar 2019 18:27

Instrument :
MSVOA_N
ClientSampleId :
BP-DUP05-20190315

Tgt Ion: 75 Resp: 203012

Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.2	114.2#
89	0.0	39.2	58.8#