Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101019\
Data File : VN058655.D
Acq On : 9 Oct 2019 21:00
Operator : JC/SP
Sample : K5197-11DL 500X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : DUP-01_100319DL

Quant Time: Oct 10 04:42:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.65	168	431615	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.57	114	681793	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	588633	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	227310	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.01	65	295252	46.81	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.62%				
35) Dibromofluoromethane	7.57	113	216188	51.74	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.48%				
50) Toluene-d8	10.08	98	838479	51.22	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.44%				
62) 4-Bromofluorobenzene	12.41	95	269778	45.58	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.16%				
Target Compounds							Qvalue
3) Chloromethane	2.04	50	2147	0.413	ug/l		91
5) Bromomethane	2.56	94	916	0.338	ug/l		96
11) Tert butyl alcohol	4.73	59	271	0.387	ug/l	#	71
16) Acetone	3.81	43	1316	0.612	ug/l	#	47
18) Methyl Acetate	4.31	43	2048	0.379	ug/l	#	60
20) Methylene Chloride	4.53	84	3347	0.675	ug/l		93
31) Cyclohexane	7.65	56	10646	1.220	ug/l	#	40
36) 1,1-Dichloropropene	7.65	75	36270	5.563	ug/l	#	51
38) Carbon Tetrachloride	7.65	117	43766	7.437	ug/l	#	16
44) Trichloroethene	8.83	130	9208	1.990	ug/l		90
51) 4-Methyl-2-Pentanone	9.98	43	1572	0.294	ug/l	#	63
59) 2-Hexanone	10.75	43	1632	0.420	ug/l		91
60) Dibromochloromethane	10.63	129	283574	63.915	ug/l	#	11
64) Tetrachloroethene	10.63	164	311733	83.356	ug/l		99
71) Bromoform	12.40	173	1371	1.191	ug/l	#	1
76) 1,2,3-Trichloropropane	12.40	75	143647	34.598	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.40	75	143647	105.080	ug/l	#	7
92) 1,2-Dibromo-3-Chloropropan	14.28	75	469	0.535	ug/l	#	8
93) 1,2,4-Trichlorobenzene	14.91	180	2599	0.685	ug/l		91
94) Hexachlorobutadiene	15.01	225	403	0.207	ug/l		84
95) Naphthalene	15.13	128	12372	1.085	ug/l		100
96) 1,2,3-Trichlorobenzene	15.30	180	2900	0.738	ug/l		93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101019\
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Operator : JC/SP
Sample : K5197-11DL 500X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DUP-01_100319DL

Quant Time: Oct 10 04:42:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
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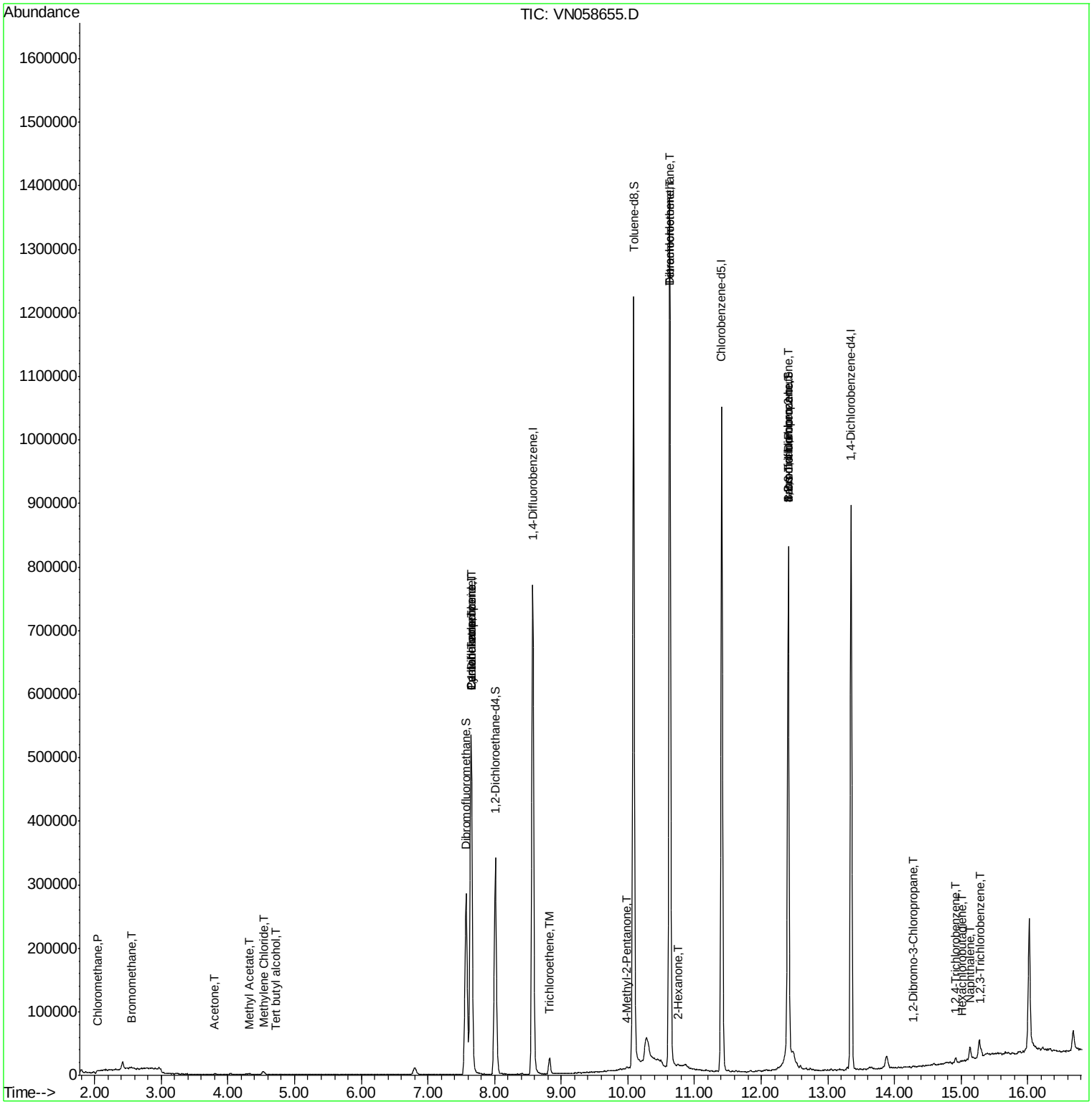
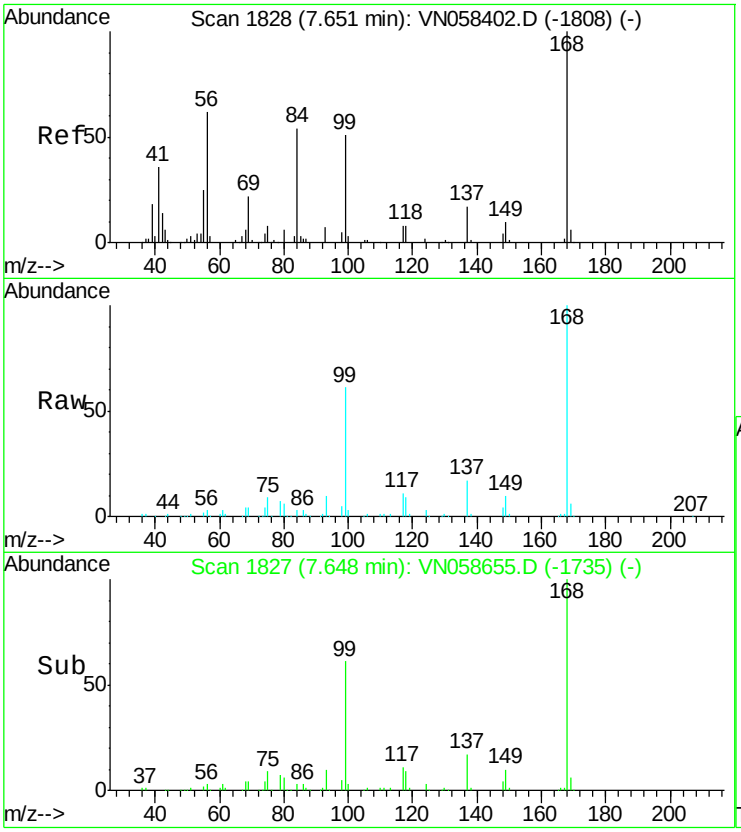


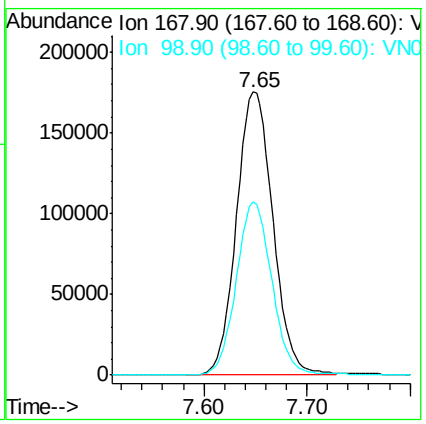


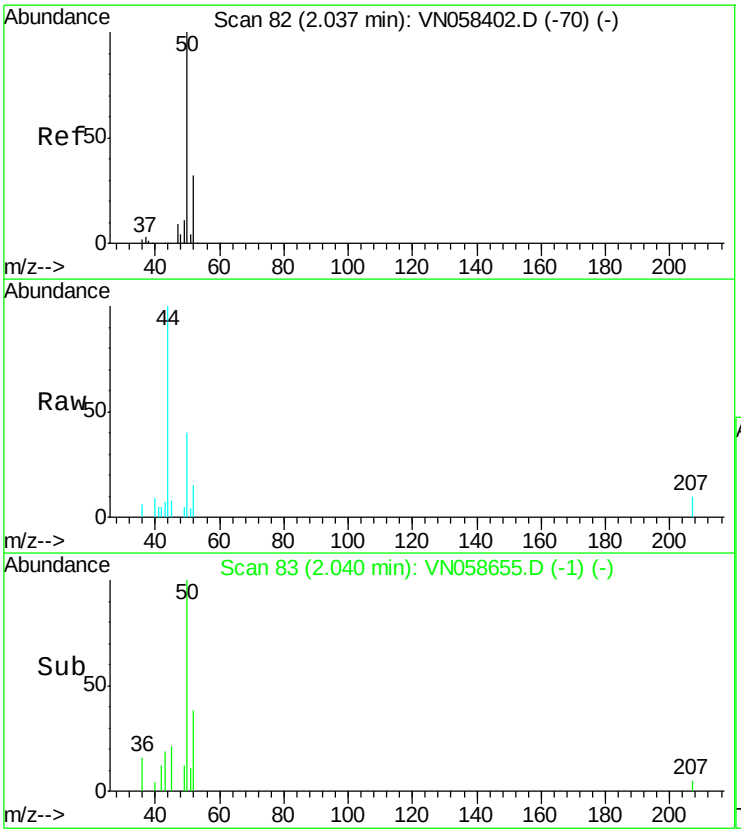
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN058655.D
Acq: 9 Oct 2019 21:00

Instrument :
MSVOA_N
ClientSampleId :
DUP-01_100319DL

Tgt Ion:168 Resp: 431615

Ion	Ratio	Lower	Upper
168	100		
99	61.2	47.7	71.5

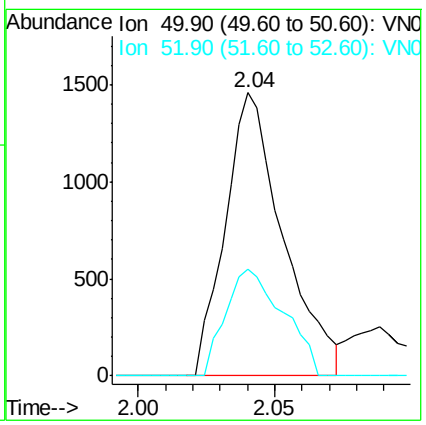


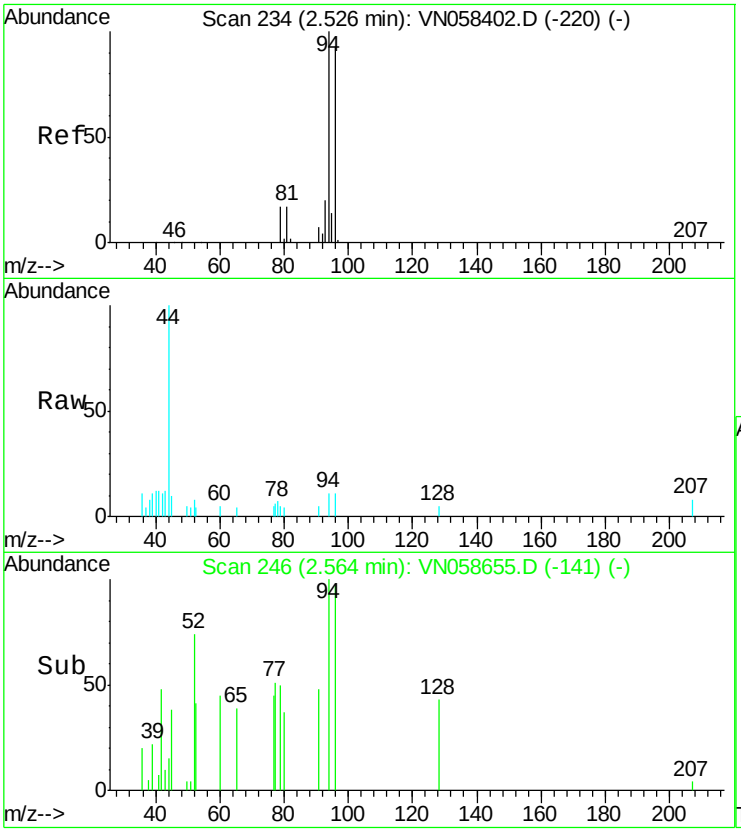


#3
Chloromethane
Concen: 0.413 ug/l
RT: 2.04 min Scan# 83
Delta R.T. 0.00 min
Lab File: VN058655.D
Acq: 9 Oct 2019 21:00

Tgt Ion: 50 Resp: 2147

Ion	Ratio	Lower	Upper
50	100		
52	37.6	25.9	38.9



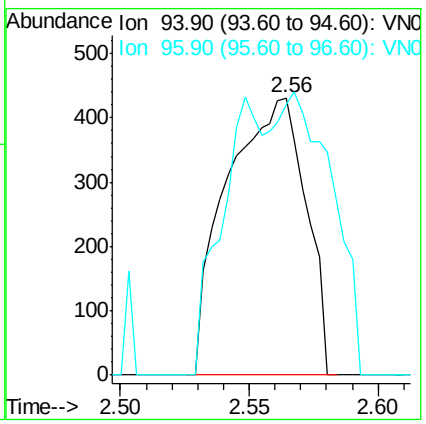


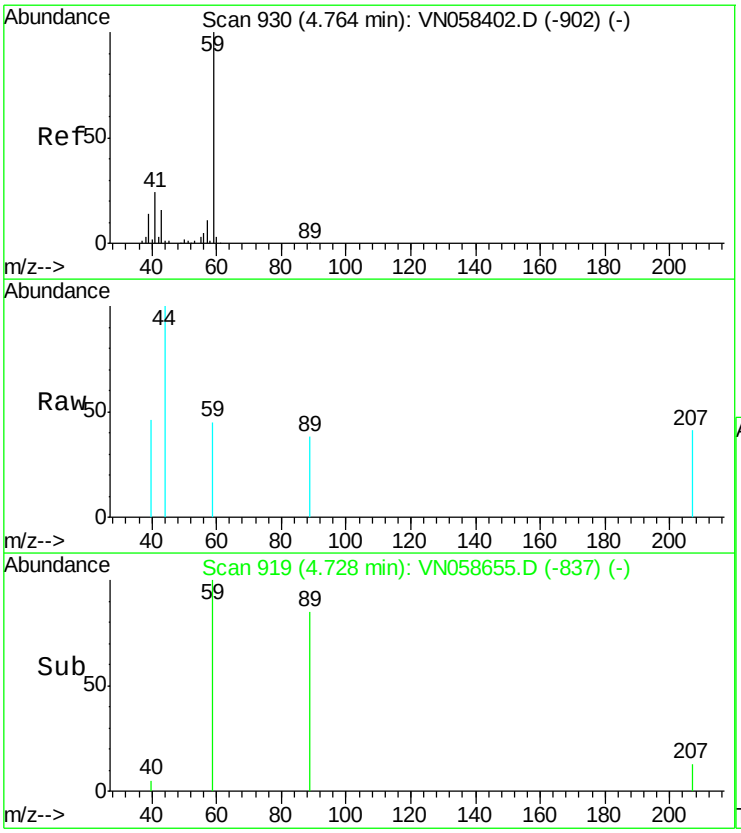
#5
Bromomethane
Concen: 0.338 ug/l
RT: 2.56 min Scan# 246
Delta R.T. 0.04 min
Lab File: VN058655.D
Acq: 9 Oct 2019 21:00

Instrument :
MSVOA_N
ClientSampleId :
DUP-01_100319DL

Tgt Ion: 94 Resp: 916

Ion	Ratio	Lower	Upper
94	100		
96	97.4	74.8	112.2

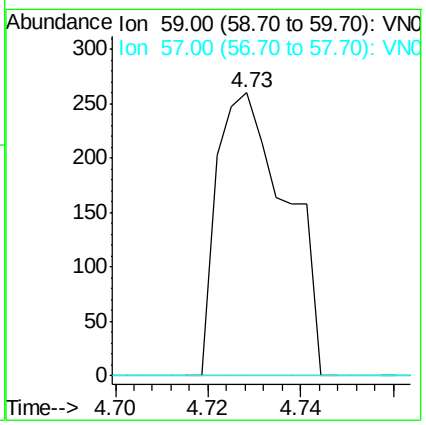


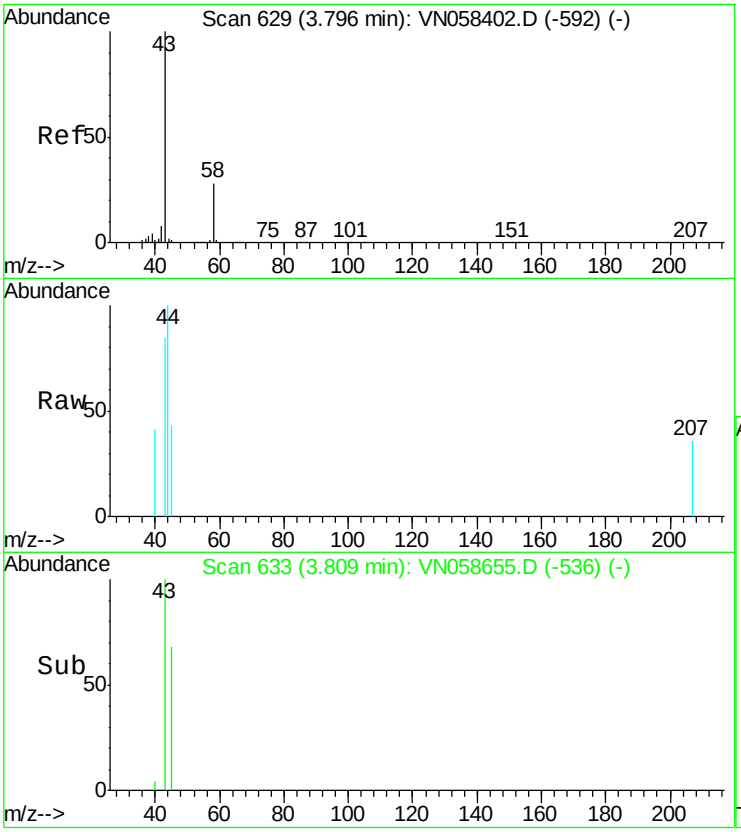


#11
Tert butyl alcohol
Concen: 0.387 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.04 min
Lab File: VN058655.D
Acq: 9 Oct 2019 21:00

Tgt Ion: 59 Resp: 271

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.4#



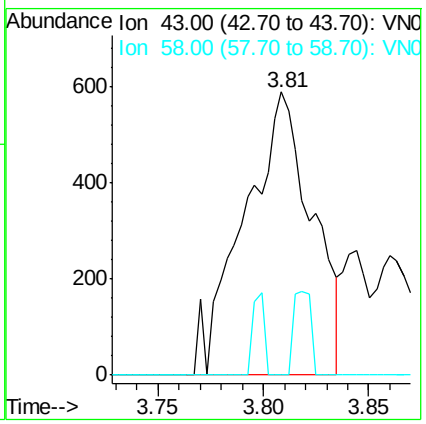


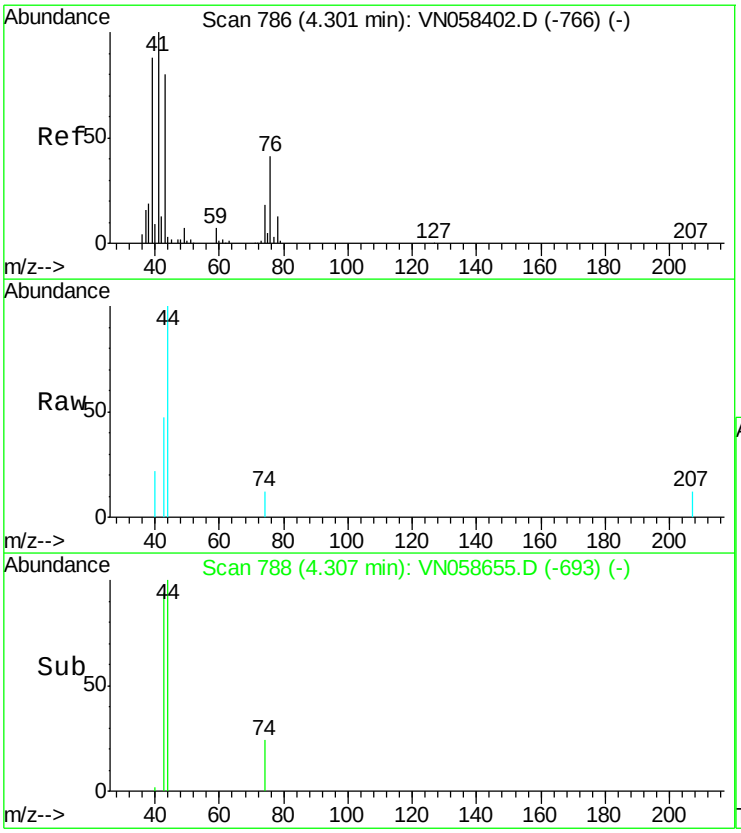
#16
Acetone
Concen: 0.612 ug/l
RT: 3.81 min Scan# 633
Delta R.T. 0.01 min
Lab File: VN058655.D
Acq: 9 Oct 2019 21:00

Instrument :
MSVOA_N
ClientSampleId :
DUP-01_100319DL

Tgt Ion: 43 Resp: 1316

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.4	33.6#

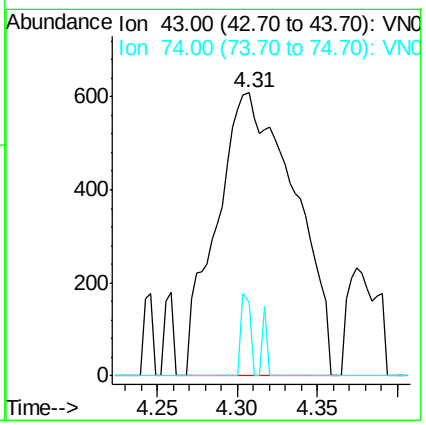


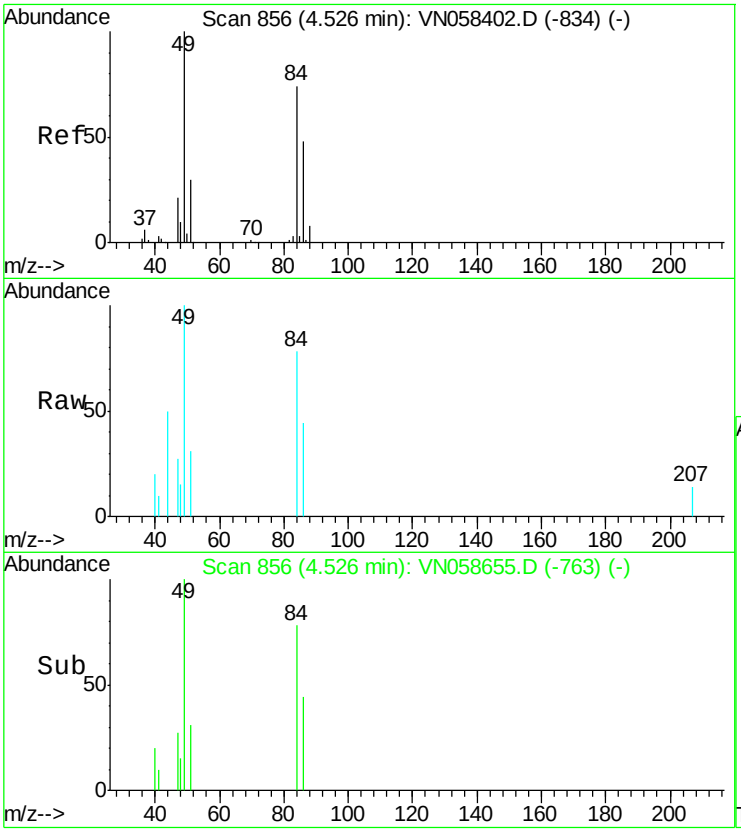


#18
Methyl Acetate
Concen: 0.379 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.01 min
Lab File: VN058655.D
Acq: 9 Oct 2019 21:00

Tgt Ion: 43 Resp: 2048

Ion	Ratio	Lower	Upper
43	100		
74	3.1	18.0	27.0#



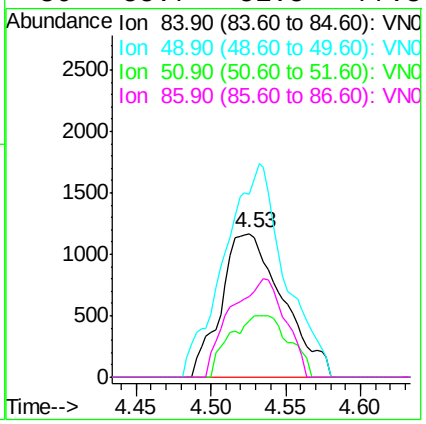


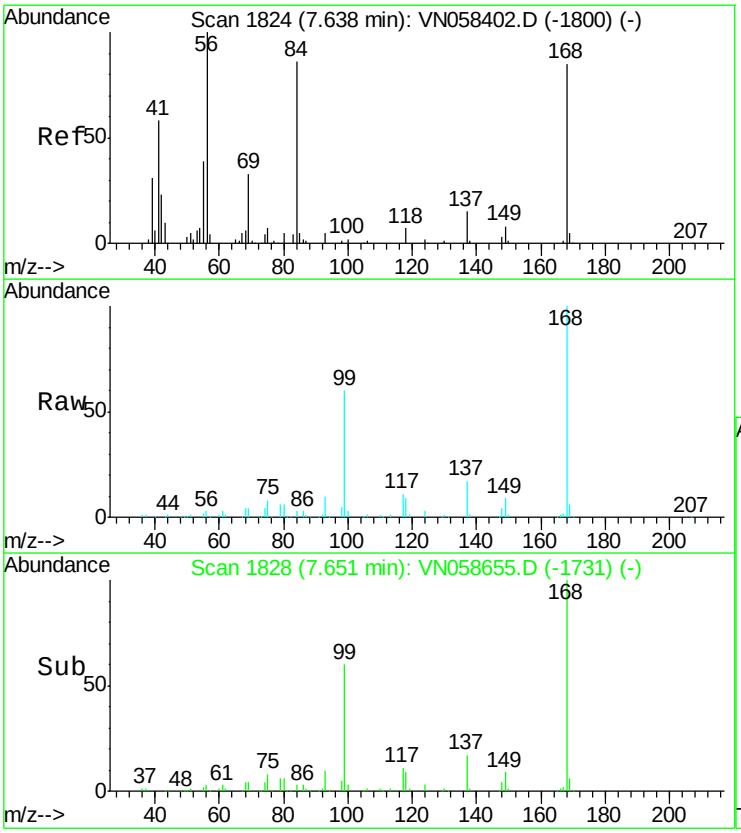
#20
Methylene Chloride
Concen: 0.675 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN058655.D
Acq: 9 Oct 2019 21:00

Instrument :
MSVOA_N
ClientSampleId :
DUP-01_100319DL

Tgt Ion: 84 Resp: 3347

Ion	Ratio	Lower	Upper
84	100		
49	127.4	107.9	161.9
51	39.3	32.8	49.2
86	55.7	51.5	77.3

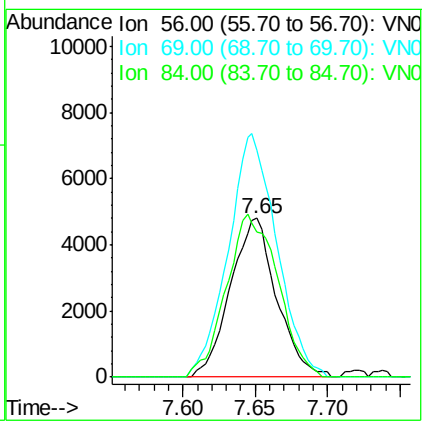


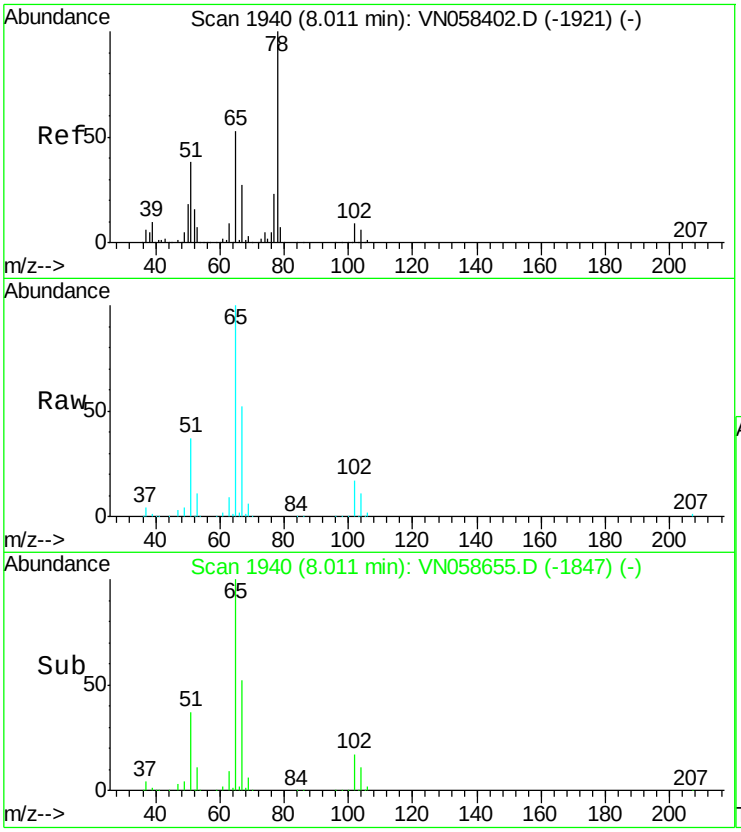


#31
Cyclohexane
Concen: 1.220 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.01 min
Lab File: VN058655.D
Acq: 9 Oct 2019 21:00

Tgt Ion: 56 Resp: 10646

Ion	Ratio	Lower	Upper
56	100		
69	142.8	26.2	39.4#
84	91.3	67.6	101.4



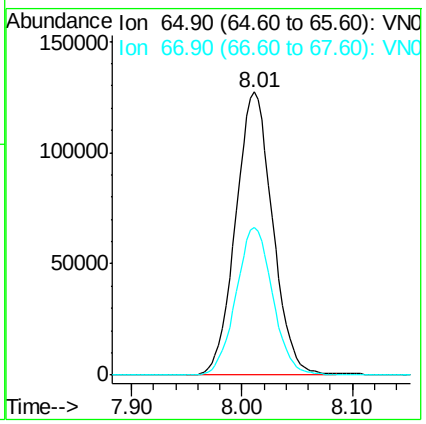


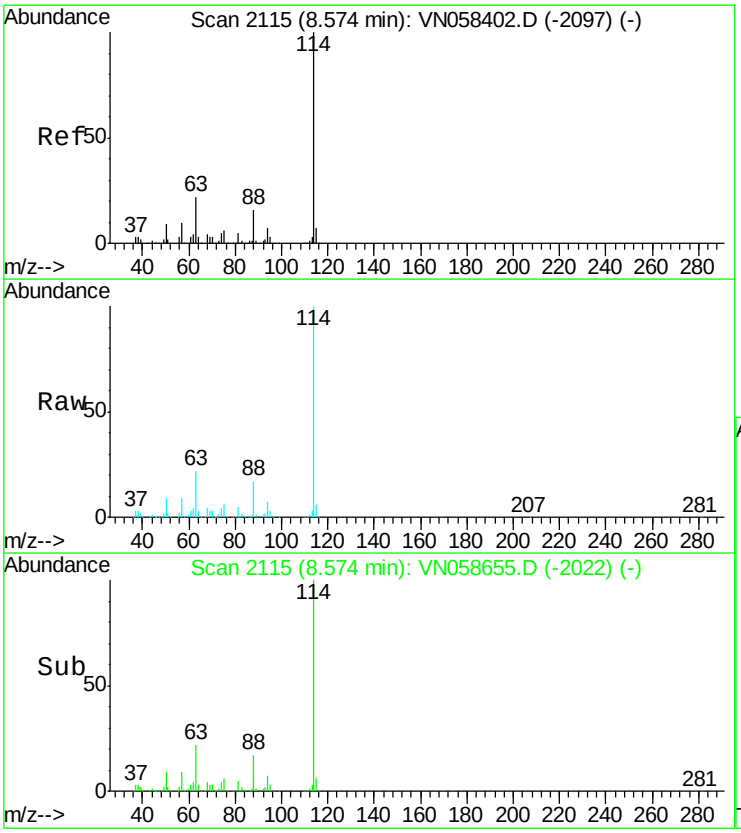
#33
1,2-Dichloroethane-d4
Concen: 46.811 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN058655.D
Acq: 9 Oct 2019 21:00

Instrument :
MSVOA_N
ClientSampleId :
DUP-01_100319DL

Tgt Ion: 65 Resp: 295252

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	102.4

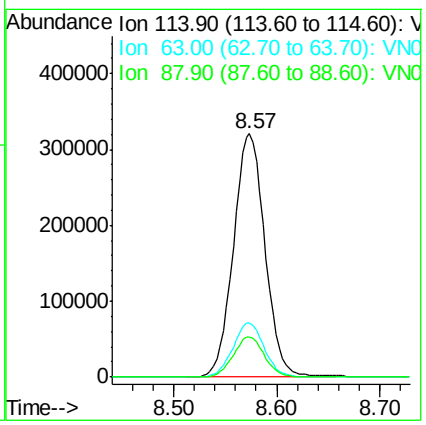


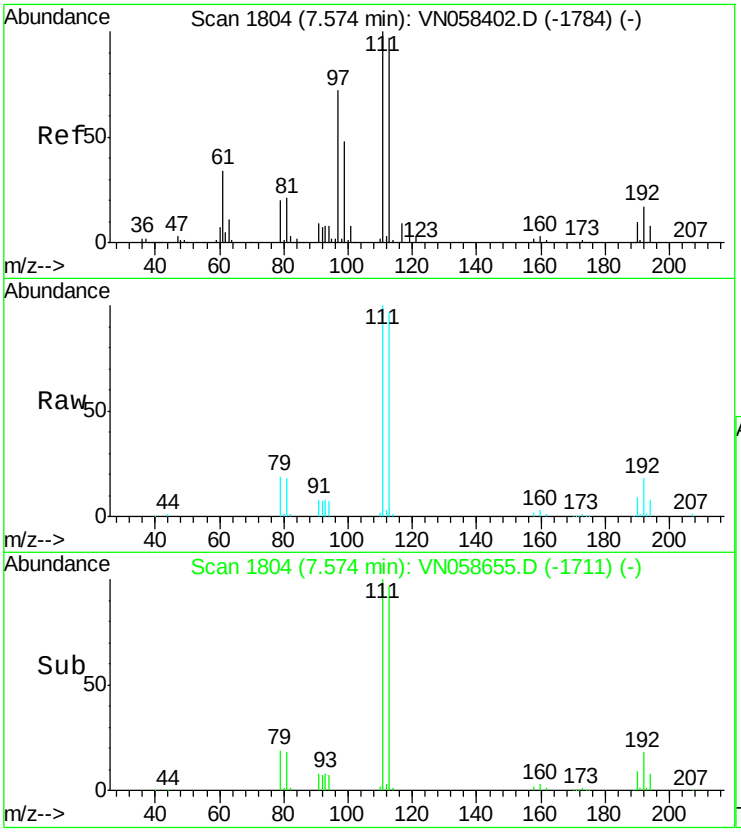


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VN058655.D
Acq: 9 Oct 2019 21:00

Tgt Ion:114 Resp: 681793

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	45.0
88	16.6	0.0	32.2



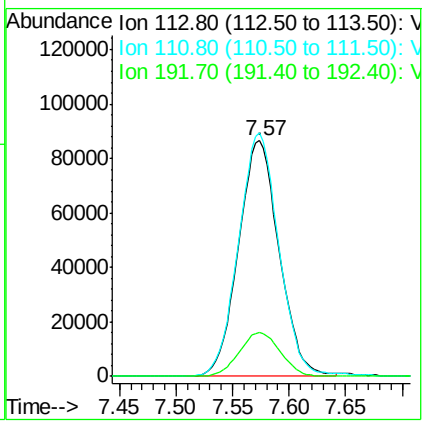


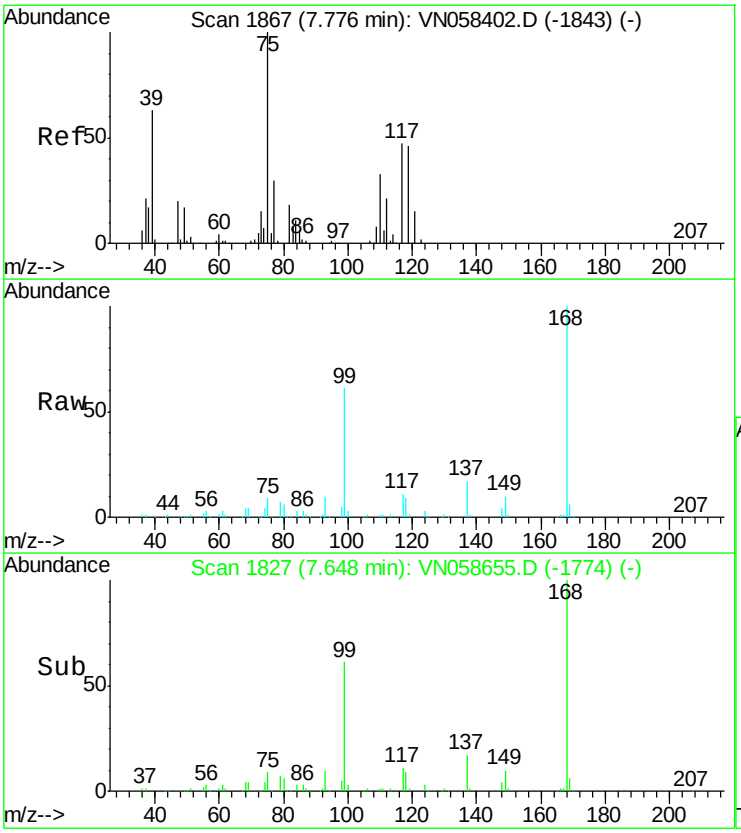
#35
Dibromofluoromethane
Concen: 51.736 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN058655.D
Acq: 9 Oct 2019 21:00

Instrument :
MSVOA_N
ClientSampleId :
DUP-01_100319DL

Tgt Ion:113 Resp: 216188

Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.4	125.2
192	18.7	14.9	22.3

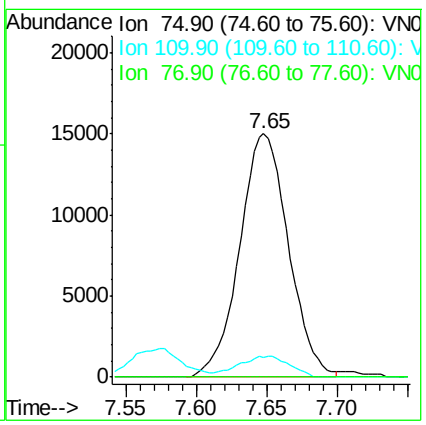


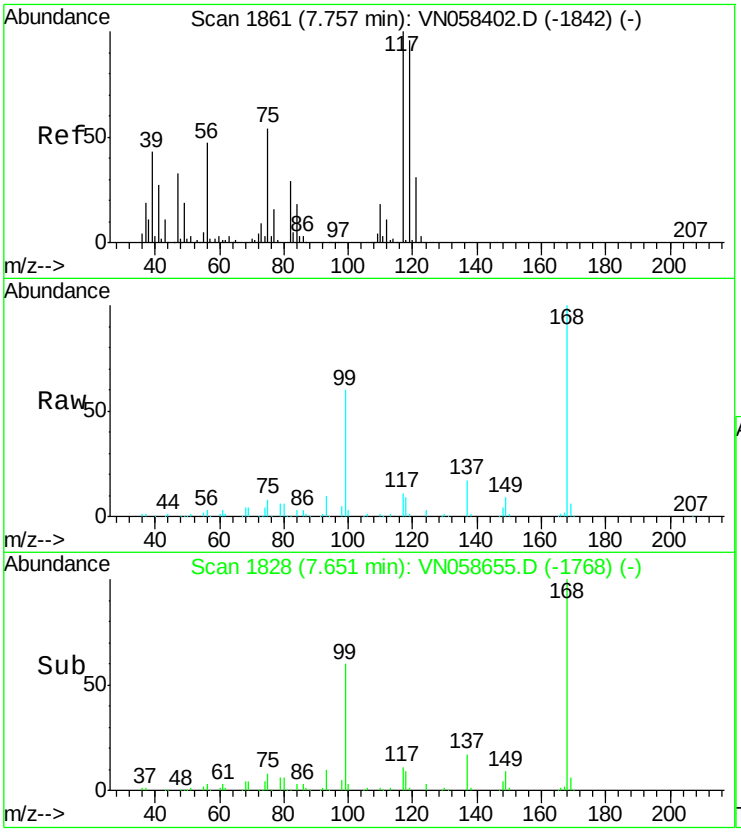


#36
1,1-Dichloropropene
Concen: 5.563 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.13 min
Lab File: VN058655.D
Acq: 9 Oct 2019 21:00

Tgt Ion: 75 Resp: 36270

Ion	Ratio	Lower	Upper
75	100		
110	9.0	16.4	49.2#
77	0.0	24.3	36.5#



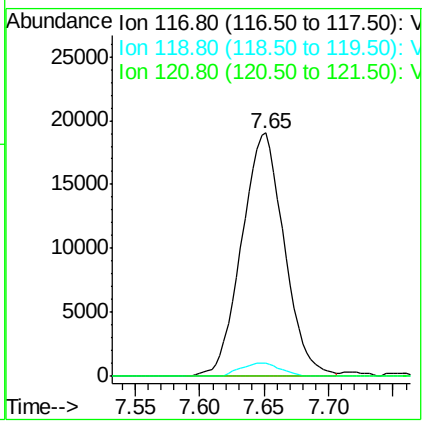


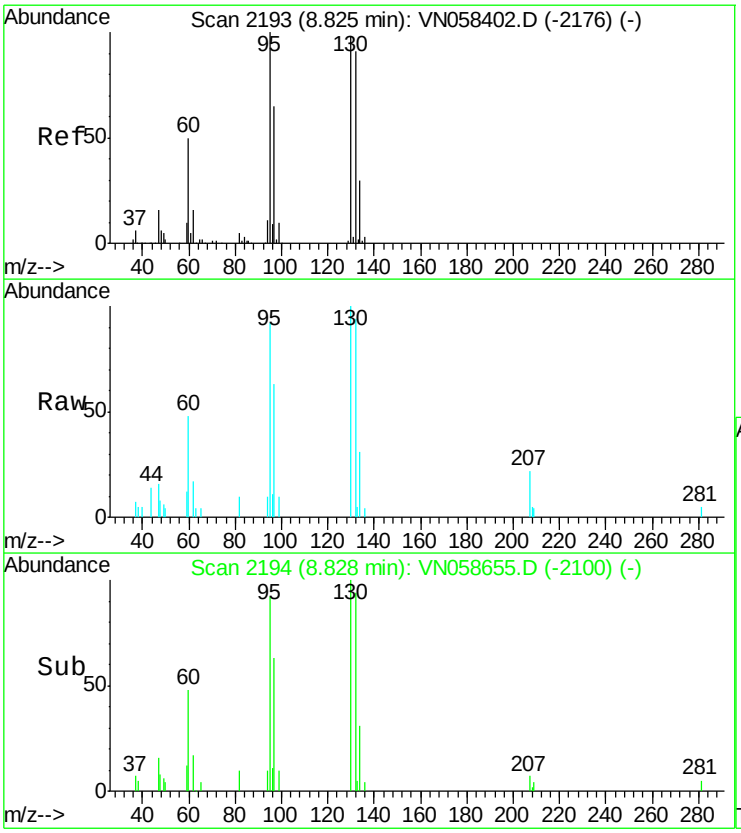
#38
Carbon Tetrachloride
Concen: 7.437 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.11 min
Lab File: VN058655.D
Acq: 9 Oct 2019 21:00

Instrument :
MSVOA_N
ClientSampleId :
DUP-01_100319DL

Tgt Ion:117 Resp: 43766

Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.6	115.0#
121	0.0	24.7	37.1#

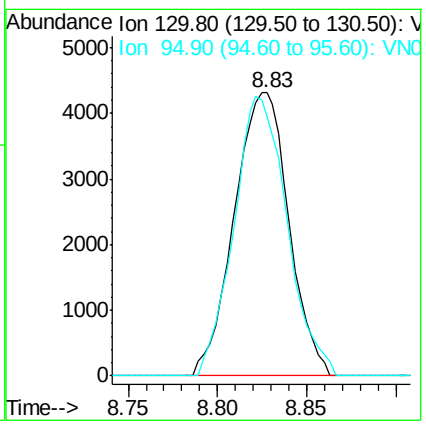


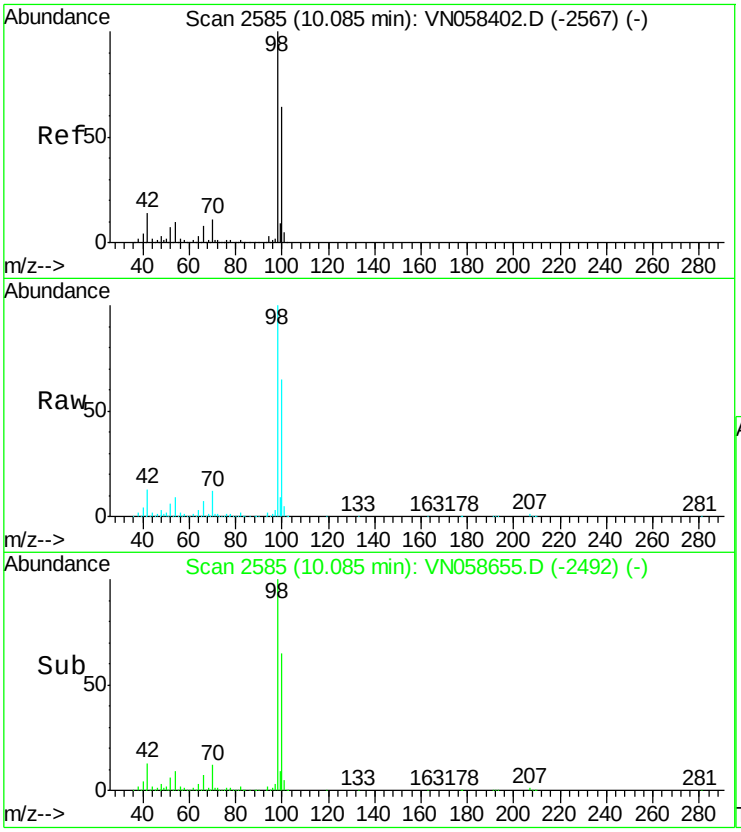


#44
Trichloroethene
Concen: 1.990 ug/l
RT: 8.83 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VN058655.D
Acq: 9 Oct 2019 21:00

Tgt Ion:130 Resp: 9208

Ion	Ratio	Lower	Upper
130	100		
95	91.7	0.0	204.2



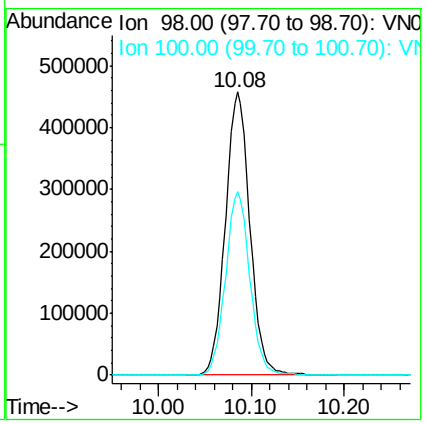


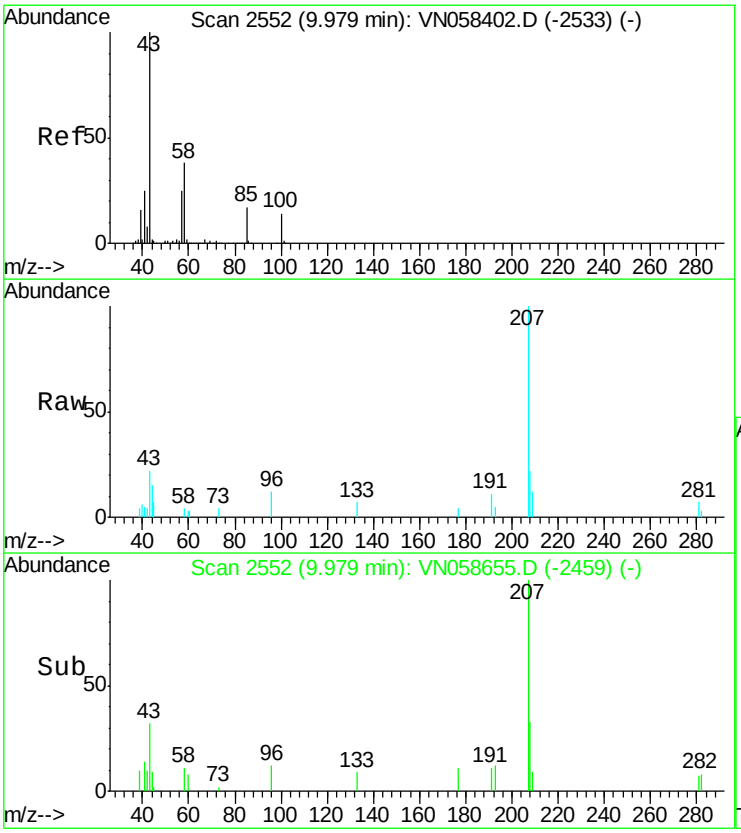
#50
Toluene-d8
Concen: 51.222 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058655.D
Acq: 9 Oct 2019 21:00

Instrument : MSVOA_N
ClientSampleId : DUP-01_100319DL

Tgt Ion: 98 Resp: 838479

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.0	76.6

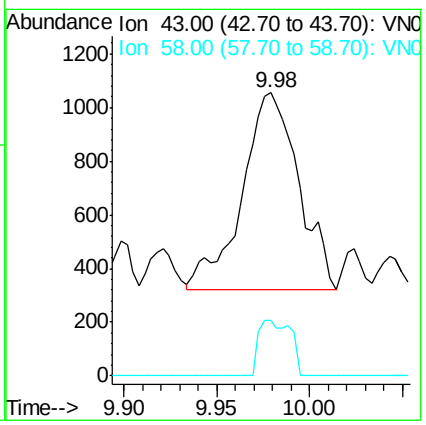


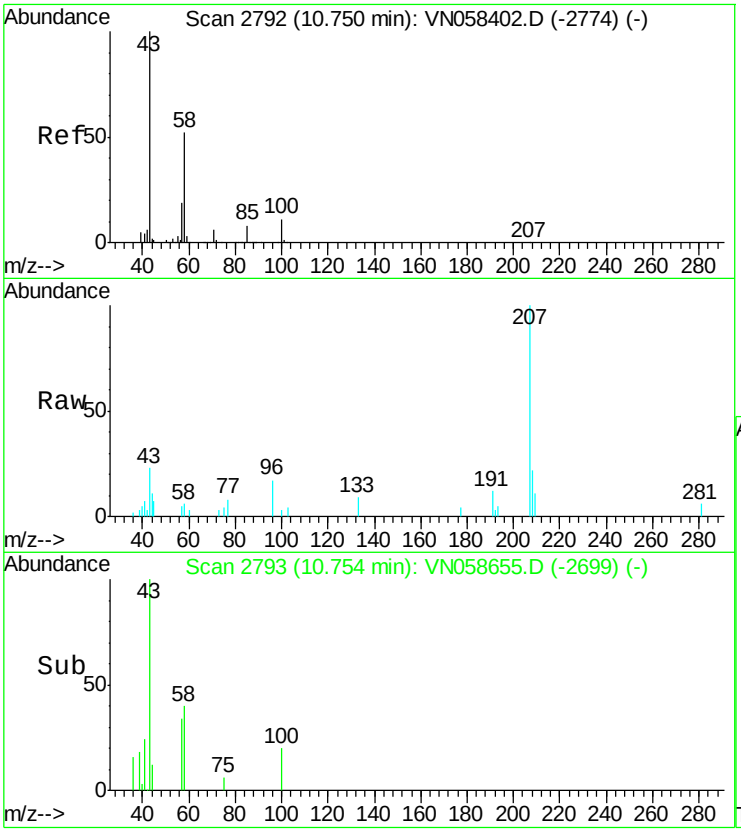


#51
4-Methyl-2-Pentanone
Concen: 0.294 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VN058655.D
Acq: 9 Oct 2019 21:00

Tgt Ion: 43 Resp: 1572

Ion	Ratio	Lower	Upper
43	100		
58	15.7	30.2	45.2#



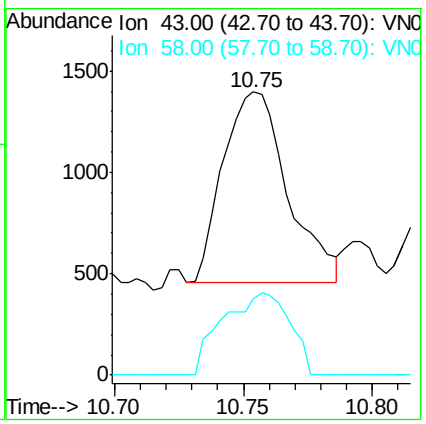


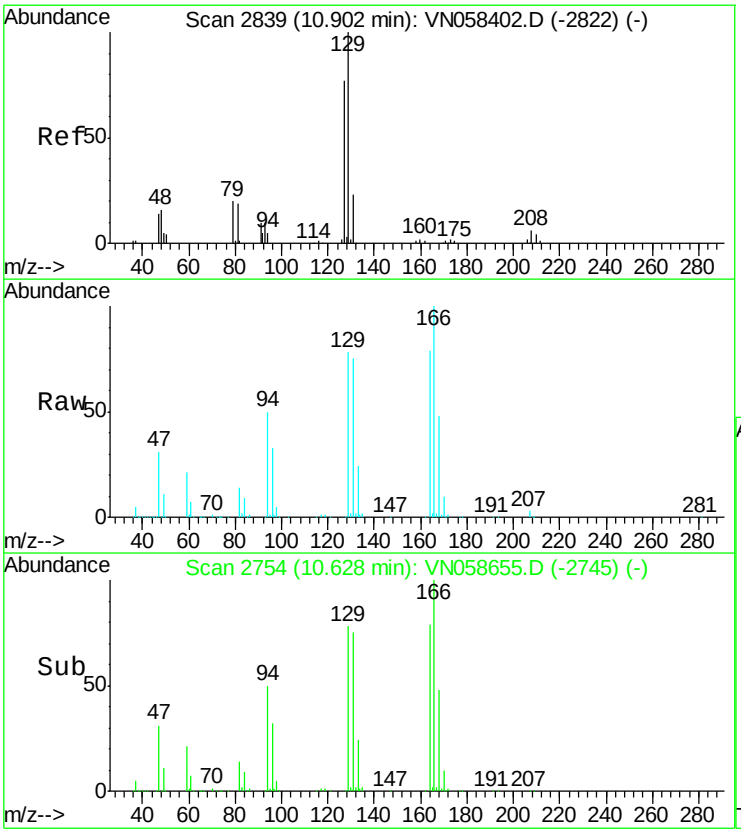
#59
2-Hexanone
Concen: 0.420 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN058655.D
Acq: 9 Oct 2019 21:00

Instrument :
MSVOA_N
ClientSampleId :
DUP-01_100319DL

Tgt Ion: 43 Resp: 1632

Ion	Ratio	Lower	Upper
43	100		
58	45.2	25.8	77.3

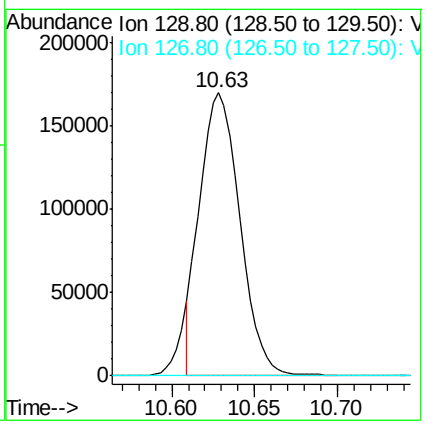


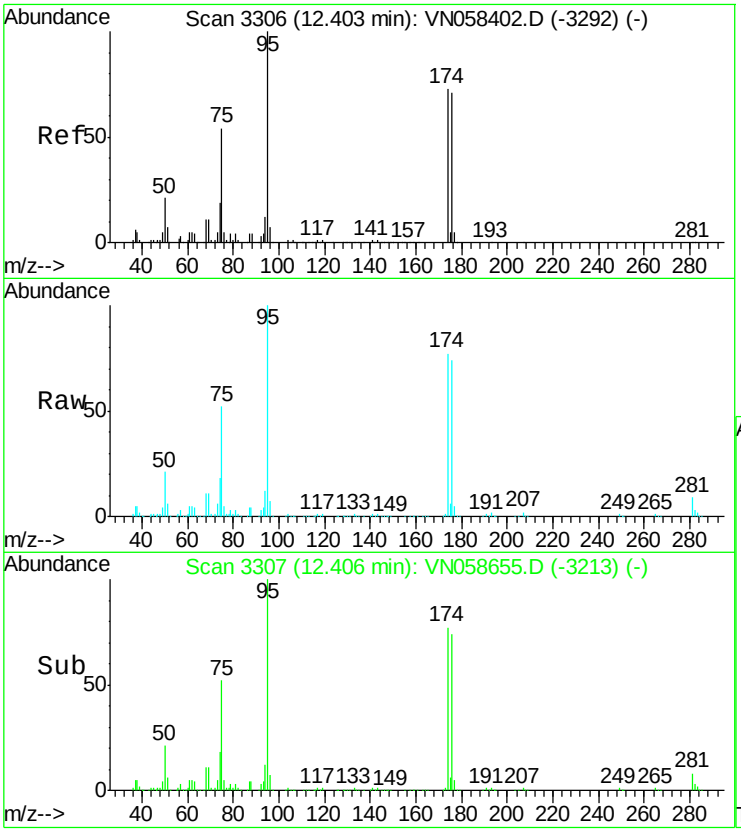


#60
Dibromochloromethane
Concen: 63.915 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.27 min
Lab File: VN058655.D
Acq: 9 Oct 2019 21:00

Tgt Ion:129 Resp: 283574

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.3	114.8#



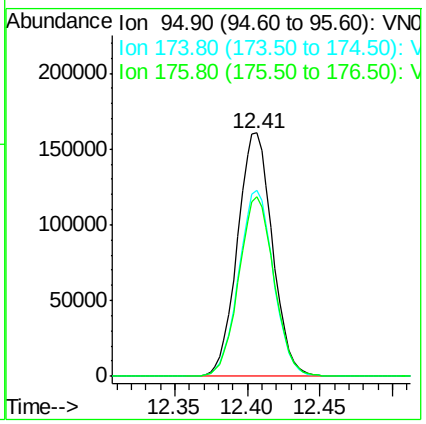


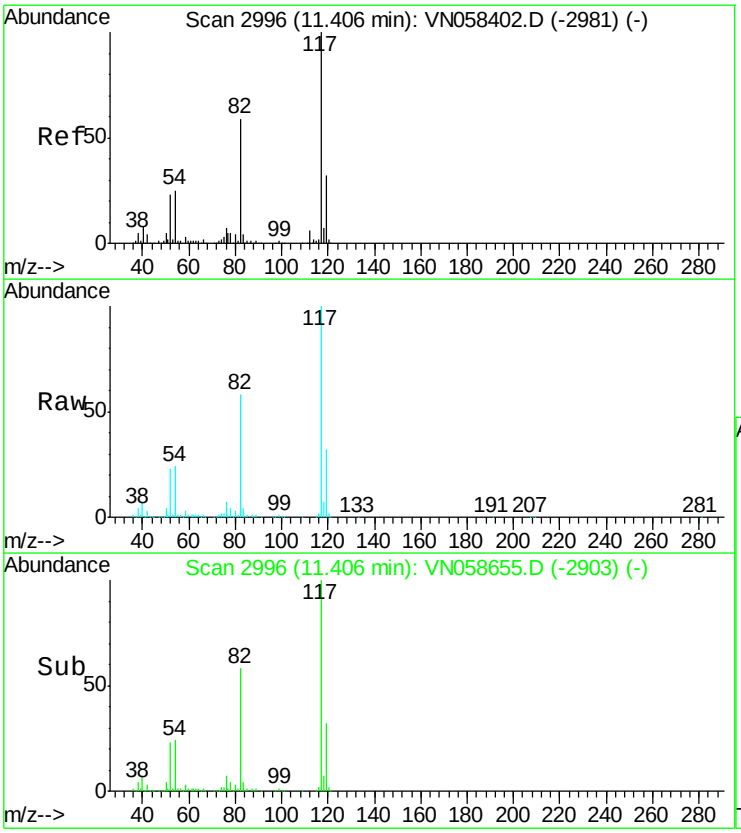
#62
4-Bromofluorobenzene
Concen: 45.579 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058655.D
Acq: 9 Oct 2019 21:00

Instrument :
MSVOA_N
ClientSampleId :
DUP-01_100319DL

Tgt Ion: 95 Resp: 269778

Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	150.6
176	74.2	0.0	146.2

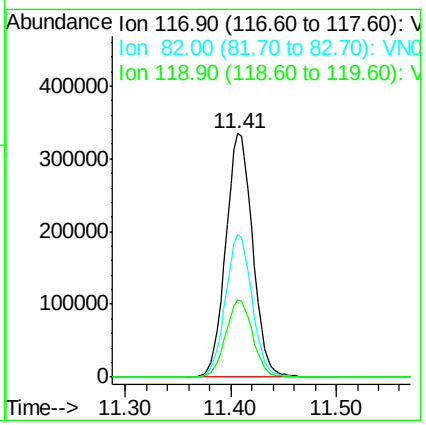


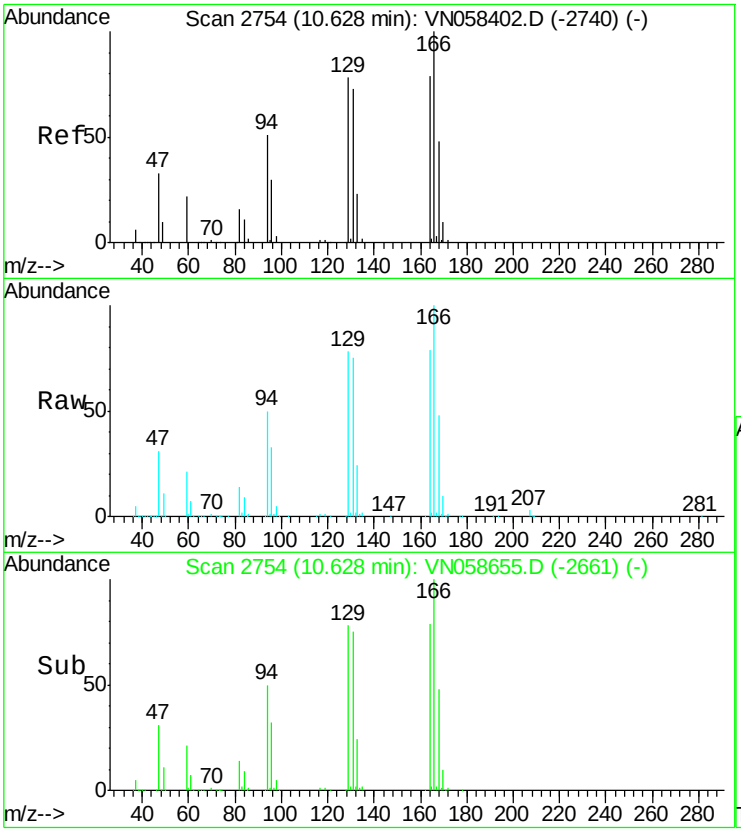


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058655.D
Acq: 9 Oct 2019 21:00

Tgt Ion:117 Resp: 588633

Ion	Ratio	Lower	Upper
117	100		
82	58.3	47.4	71.0
119	31.6	25.5	38.3



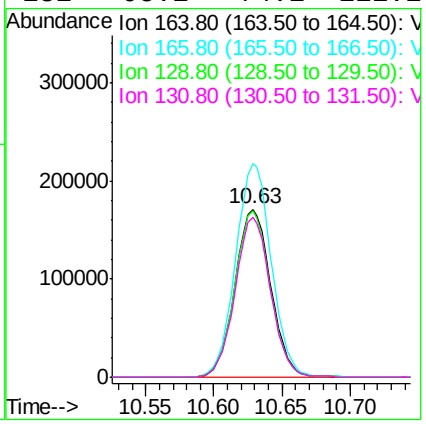


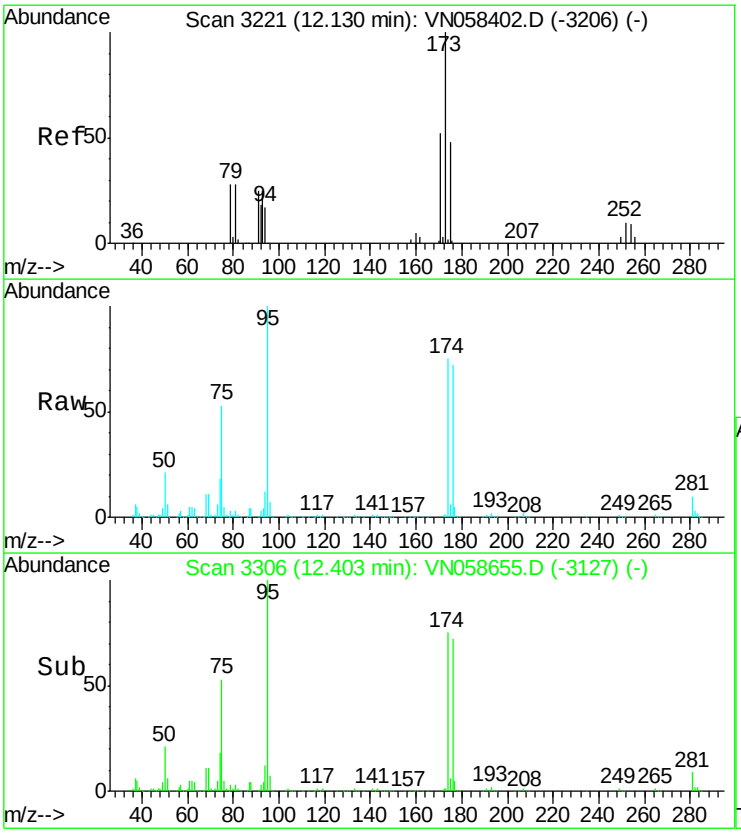
#64
Tetrachloroethene
Concen: 83.356 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058655.D
Acq: 9 Oct 2019 21:00

Instrument :
MSVOA_N
ClientSampleId :
DUP-01_100319DL

Tgt Ion:164 Resp: 311733

Ion	Ratio	Lower	Upper
164	100		
166	127.1	101.1	151.7
129	99.3	79.2	118.8
131	95.1	74.1	111.1

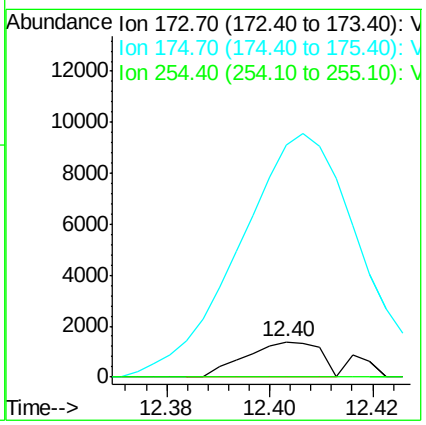


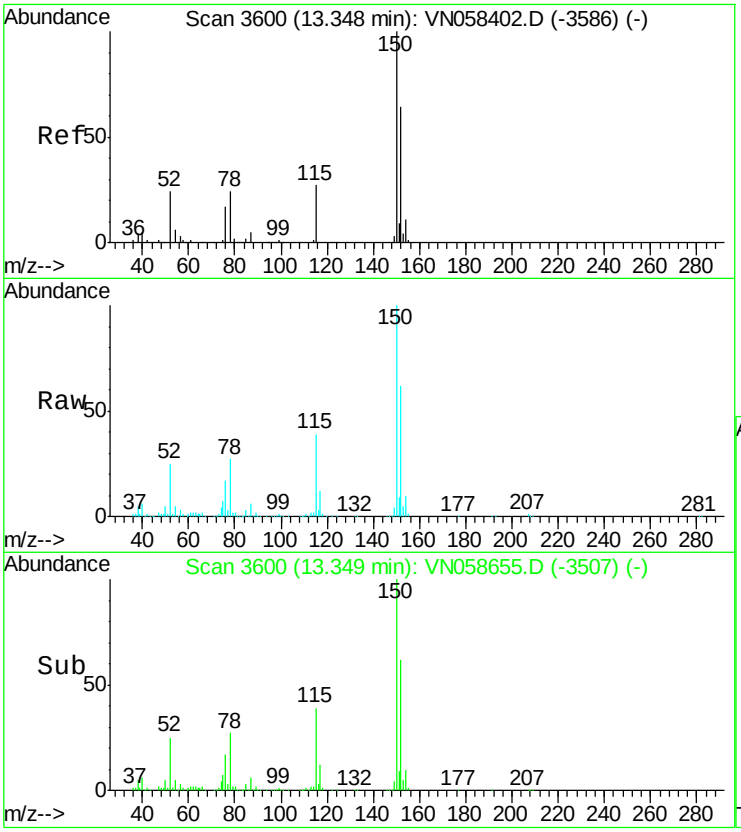


#71
Bromoform
Concen: 1.191 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.27 min
Lab File: VN058655.D
Acq: 9 Oct 2019 21:00

Tgt Ion:173 Resp: 1371

Ion	Ratio	Lower	Upper
173	100		
175	977.5	24.3	73.0#
254	0.0	0.1	0.1#



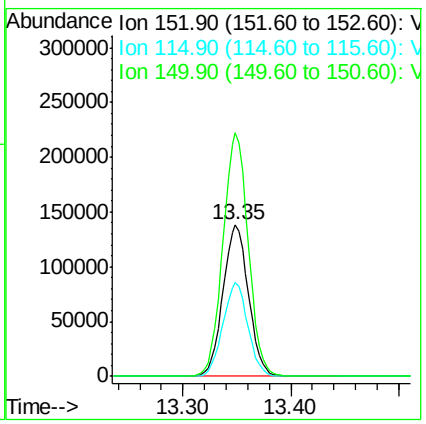


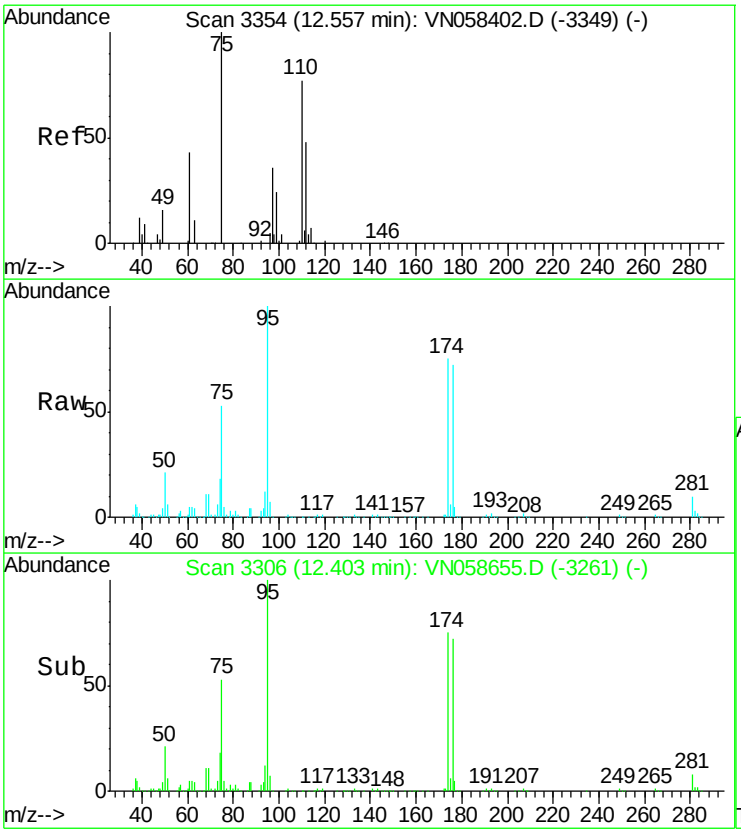
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058655.D
Acq: 9 Oct 2019 21:00

Instrument :
MSVOA_N
ClientSampleId :
DUP-01_100319DL

Tgt Ion:152 Resp: 227310

Ion	Ratio	Lower	Upper
152	100		
115	60.8	30.0	90.0
150	159.3	0.0	348.2

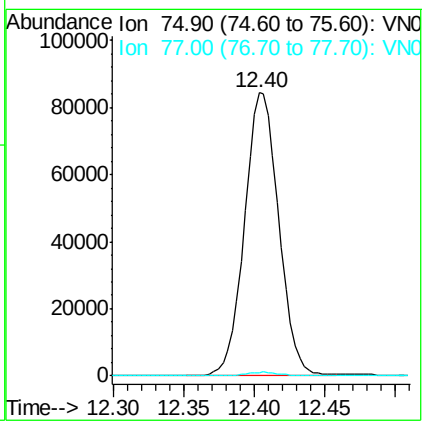


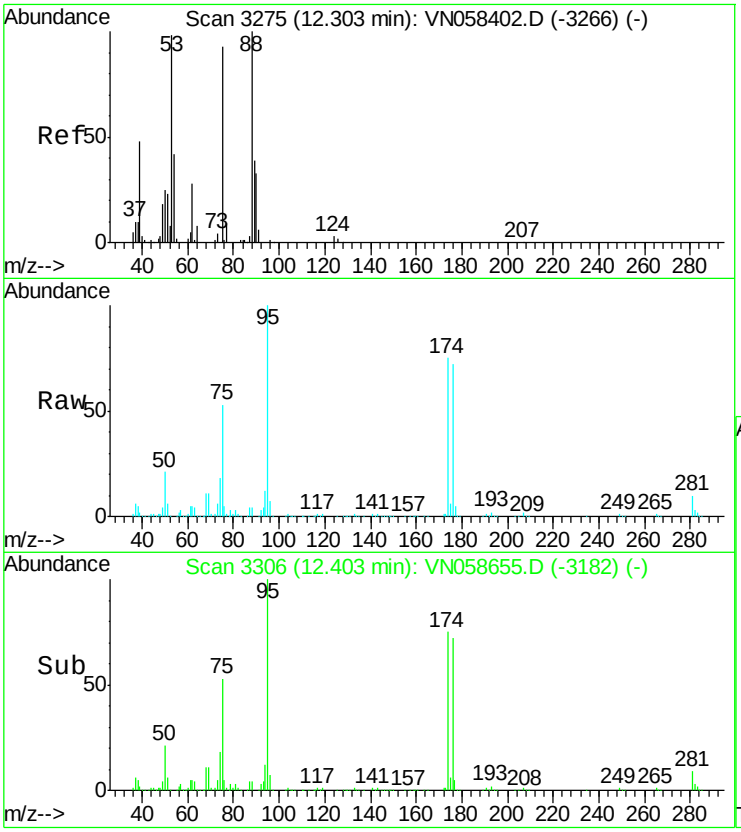


#76
1,2,3-Trichloropropane
Concen: 34.598 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN058655.D
Acq: 9 Oct 2019 21:00

Tgt Ion: 75 Resp: 143647

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#



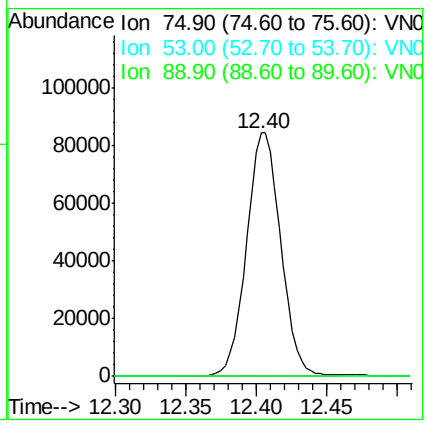


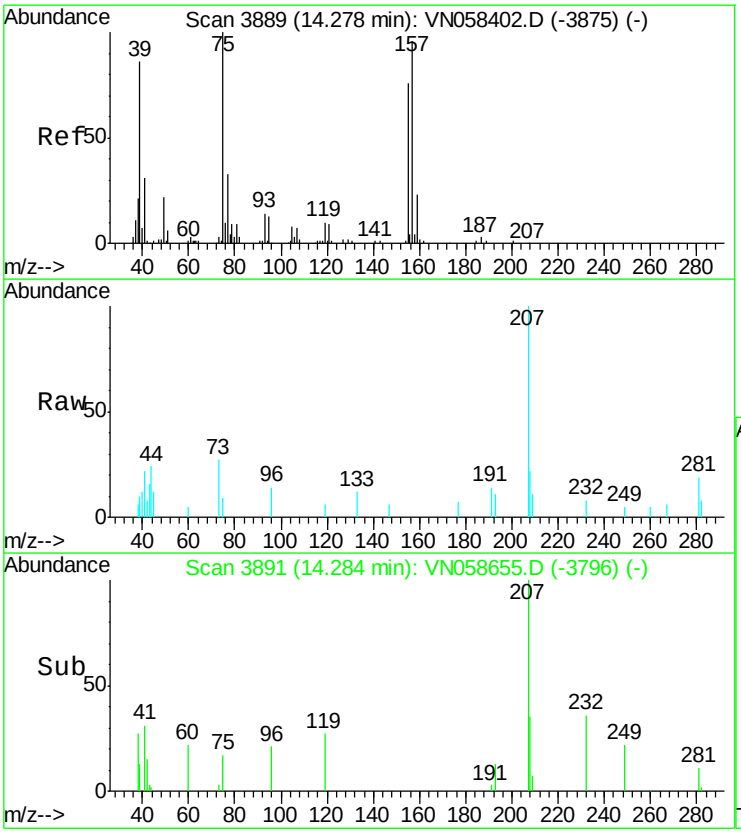
#81
trans-1,4-Dichloro-2-butene
Concen: 105.080 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN058655.D
Acq: 9 Oct 2019 21:00

Instrument :
MSVOA_N
ClientSampleId :
DUP-01_100319DL

Tgt Ion: 75 Resp: 143647

Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.4	128.0#
89	0.1	35.0	52.4#

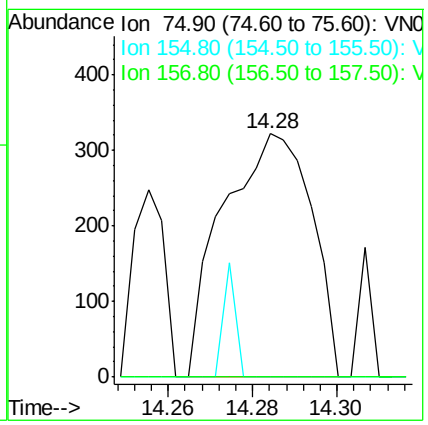


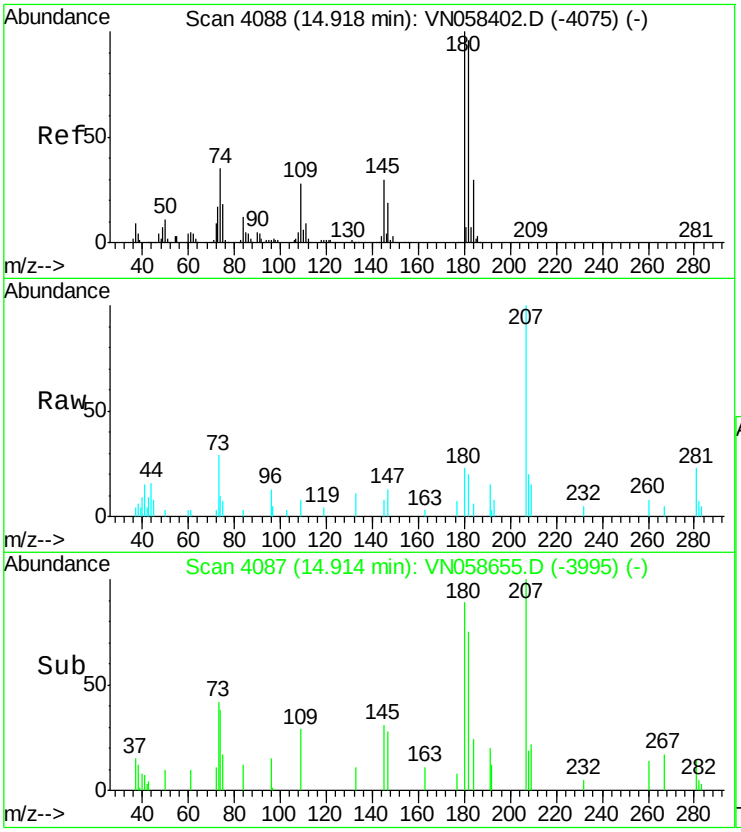


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.535 ug/l
RT: 14.28 min Scan# 3891
Delta R.T. 0.01 min
Lab File: VN058655.D
Acq: 9 Oct 2019 21:00

Tgt Ion: 75 Resp: 469

Ion	Ratio	Lower	Upper
75	100		
155	6.2	39.2	117.6#
157	0.0	48.7	146.1#



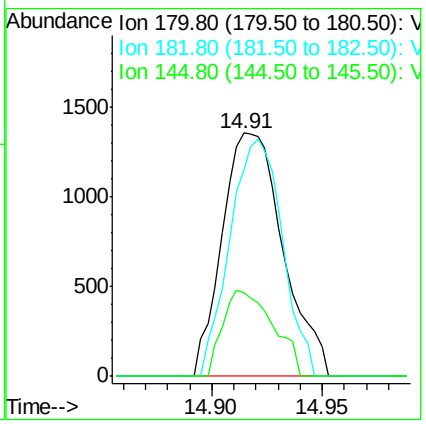


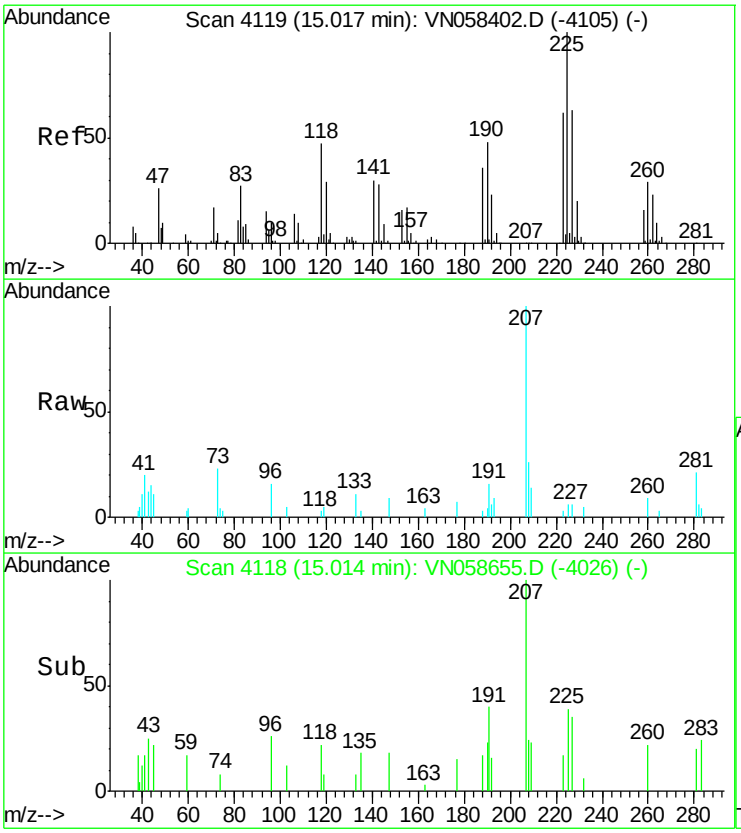
#93
1,2,4-Trichlorobenzene
Concen: 0.685 ug/l
RT: 14.91 min Scan# 4087
Delta R.T. -0.00 min
Lab File: VN058655.D
Acq: 9 Oct 2019 21:00

Instrument :
MSVOA_N
ClientSampleId :
DUP-01_100319DL

Tgt Ion:180 Resp: 2599

Ion	Ratio	Lower	Upper
180	100		
182	83.8	47.4	142.3
145	29.2	15.3	45.9

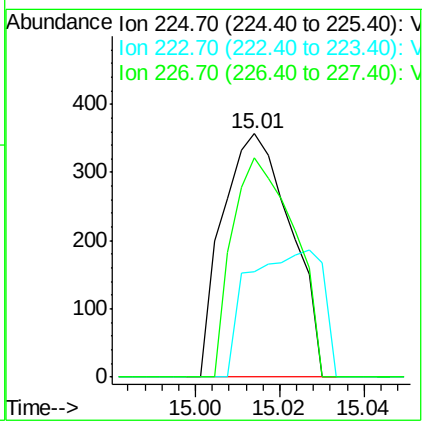


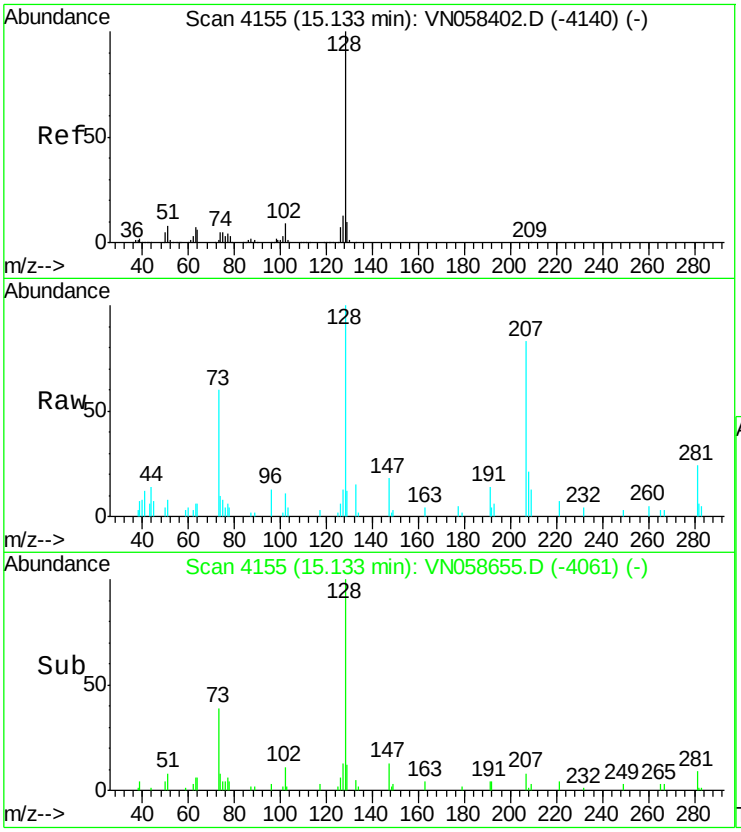


#94
Hexachlorobutadiene
Concen: 0.207 ug/l
RT: 15.01 min Scan# 4118
Delta R.T. -0.00 min
Lab File: VN058655.D
Acq: 9 Oct 2019 21:00

Tgt Ion:225 Resp: 403

Ion	Ratio	Lower	Upper
225	100		
223	56.1	31.1	93.5
227	81.9	31.4	94.2



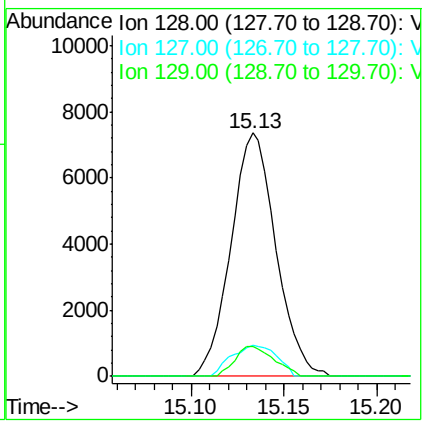


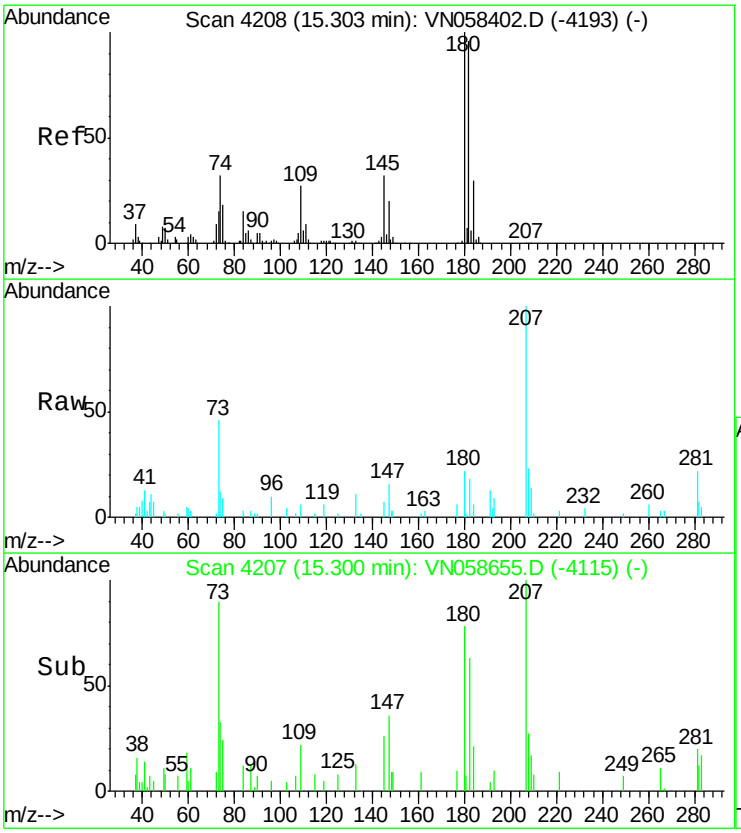
#95
Naphthalene
Concen: 1.085 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN058655.D
Acq: 9 Oct 2019 21:00

Instrument :
MSVOA_N
ClientSampleId :
DUP-01_100319DL

Tgt Ion:128 Resp: 12372

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.6	8.3	12.5





#96
1,2,3-Trichlorobenzene
Concen: 0.738 ug/l
RT: 15.30 min Scan# 4207
Delta R.T. -0.00 min
Lab File: VN058655.D
Acq: 9 Oct 2019 21:00

Tgt Ion:180 Resp: 2900

Ion	Ratio	Lower	Upper
180	100		
182	87.7	48.3	144.9
145	32.3	16.1	48.3