Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN093019\
Data File : VN058428.D
Acq On : 30 Sep 2019 12:37
Operator : JC/SP
Sample : K5080-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : FT-PZ461I-20190924

Quant Time: Oct 01 01:30:51 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	402064	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.57	114	646887	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	545322	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	211588	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.01	65	285747	48.63	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.26%				
35) Dibromofluoromethane	7.57	113	201505	50.82	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.64%				
50) Toluene-d8	10.08	98	801543	51.61	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.22%				
62) 4-Bromofluorobenzene	12.41	95	248927	44.33	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.66%				
Target Compounds							Qvalue
3) Chloromethane	2.04	50	1639	0.338	ug/l		97
5) Bromomethane	2.56	94	538	0.213	ug/l		83
11) Tert butyl alcohol	4.76	59	1241	1.901	ug/l	#	71
12) 1,1-Dichloroethene	3.72	96	4280	1.128	ug/l	#	89
13) Acrolein	3.60	56	63	0.303	ug/l	#	70
16) Acetone	3.80	43	12159	6.071	ug/l		97
17) Carbon Disulfide	4.04	76	3603	0.360	ug/l	#	74
18) Methyl Acetate	4.04	43	25345	5.031	ug/l	#	53
24) 1,1-Dichloroethane	5.82	63	5078	0.607	ug/l	#	86
27) cis-1,2-Dichloroethene	6.81	96	11027	2.237	ug/l		86
31) Cyclohexane	7.65	56	9950	1.224	ug/l	#	19
36) 1,1-Dichloropropene	7.65	75	35225	5.695	ug/l	#	50
38) Carbon Tetrachloride	7.65	117	41346	7.405	ug/l	#	16
43) Isopropyl Acetate	8.26	43	11652	1.182	ug/l	#	63
44) Trichloroethene	8.82	130	99890	22.753	ug/l		97
49) 1,4-Dioxane	9.20	88	401	6.679	ug/l	#	78
51) 4-Methyl-2-Pentanone	9.99	43	1375	0.271	ug/l		90
59) 2-Hexanone	10.76	43	2259	0.612	ug/l	#	63
64) Tetrachloroethene	10.63	164	2815	0.813	ug/l	#	84
71) Bromoform	12.39	173	281	0.805	ug/l	#	29
76) 1,2,3-Trichloropropane	12.41	75	136713	35.375	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.41	75	136713	107.438	ug/l	#	7
91) 1,2-Dichlorobenzene	13.67	146	1587	0.248	ug/l		89
92) 1,2-Dibromo-3-Chloropropan	14.28	75	251	0.308	ug/l	#	20
93) 1,2,4-Trichlorobenzene	14.92	180	3013	0.854	ug/l		93
95) Naphthalene	15.14	128	12664	1.197	ug/l		98
96) 1,2,3-Trichlorobenzene	15.30	180	3172	0.871	ug/l		91

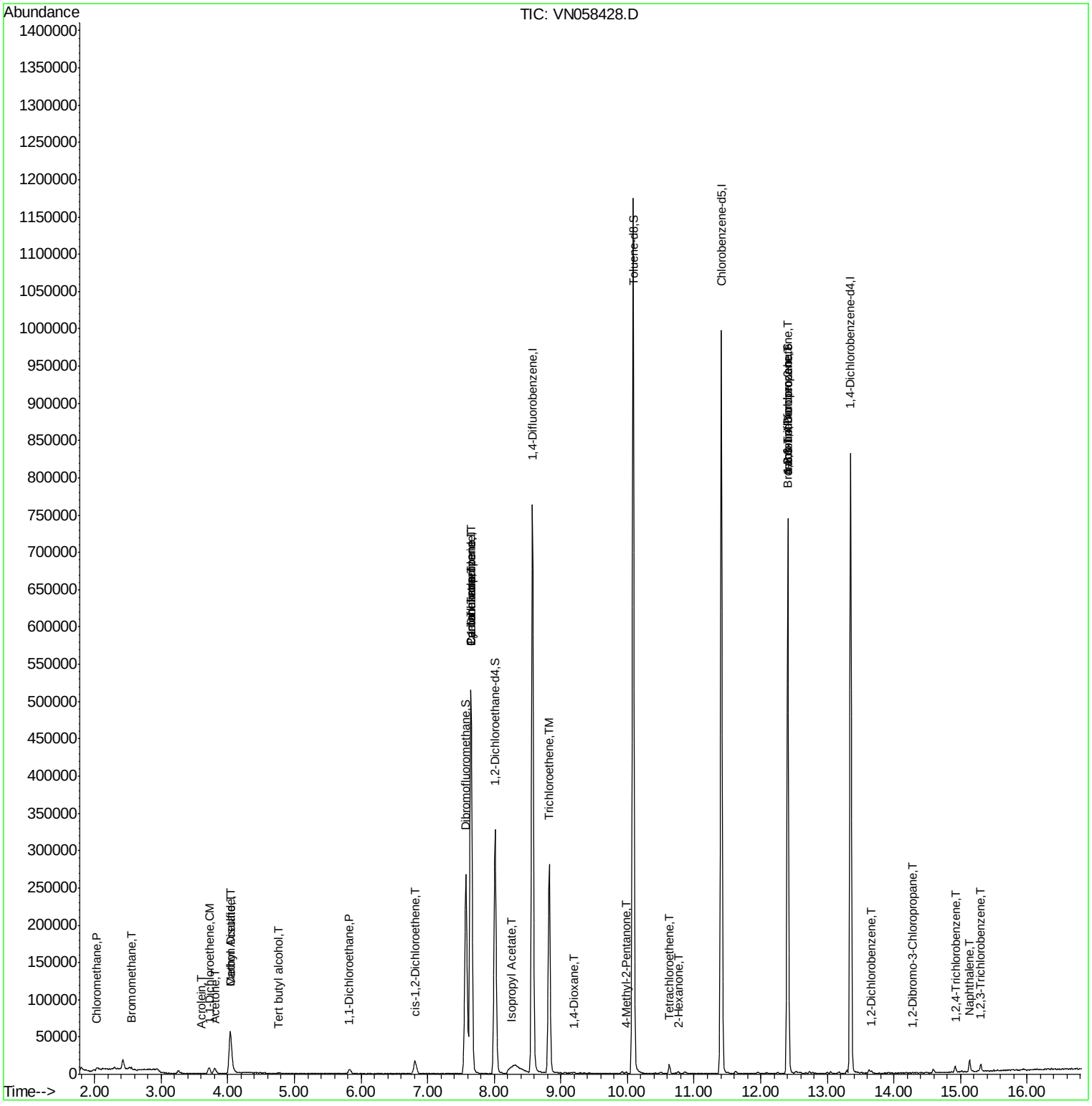
(#) = qualifier out of range (m) = manual integration (+) = signals summed

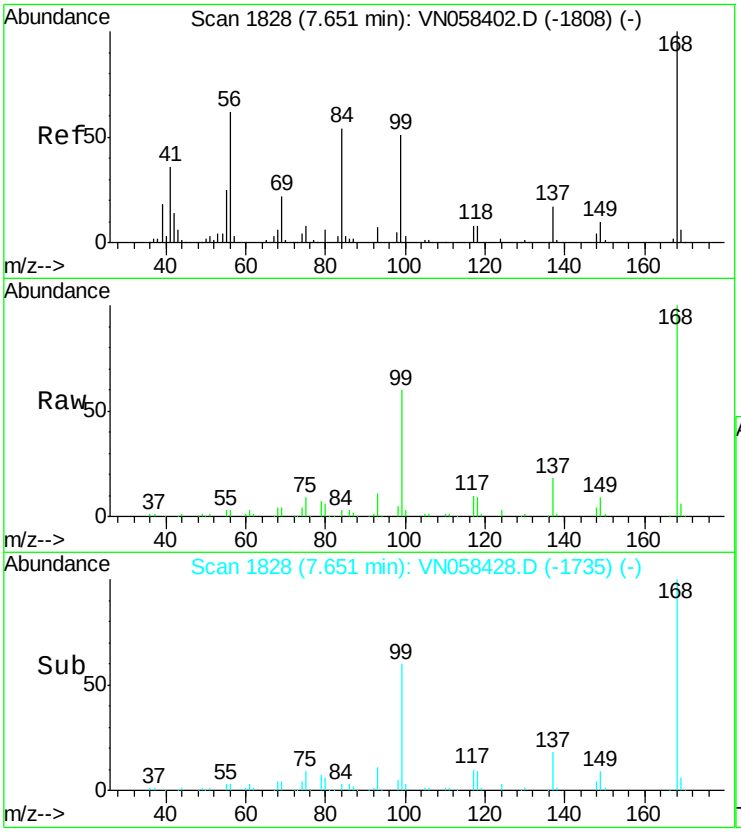
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN093019\
Data File : VN058428.D
Acq On : 30 Sep 2019 12:37
Operator : JC/SP
Sample : K5080-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FT-PZ461I-20190924

Quant Time: Oct 01 01:30:51 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



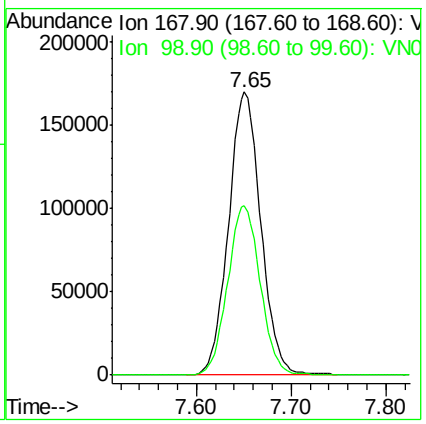


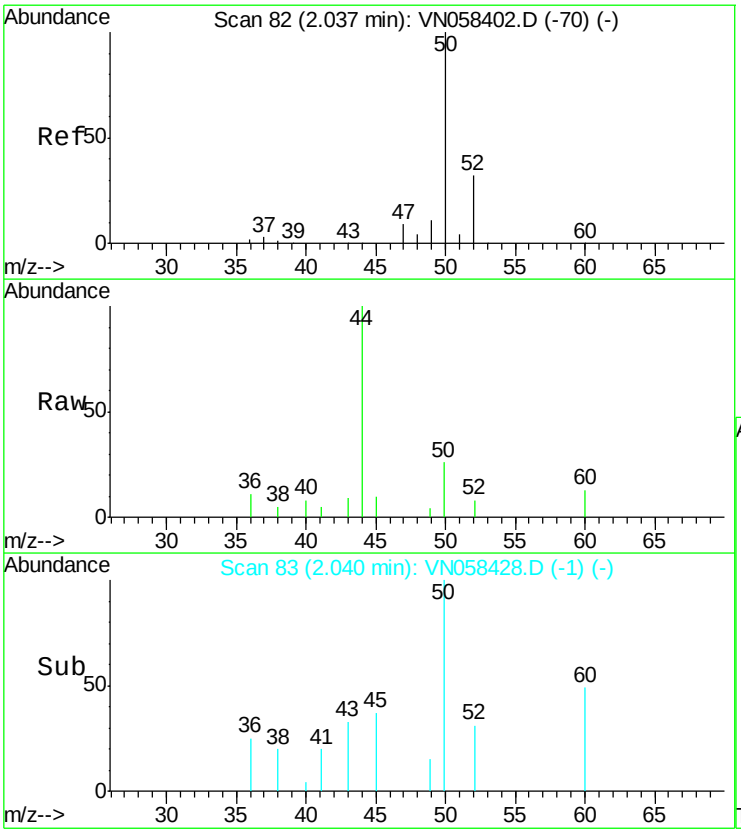
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Instrument :
MSVOA_N
ClientSampleId :
FT-PZ461I-20190924

Tgt Ion:168 Resp: 402064

Ion	Ratio	Lower	Upper
168	100		
99	59.8	47.7	71.5

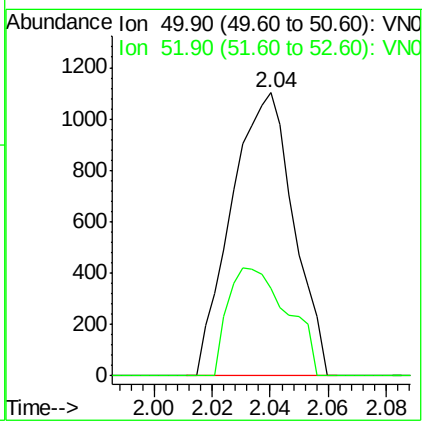


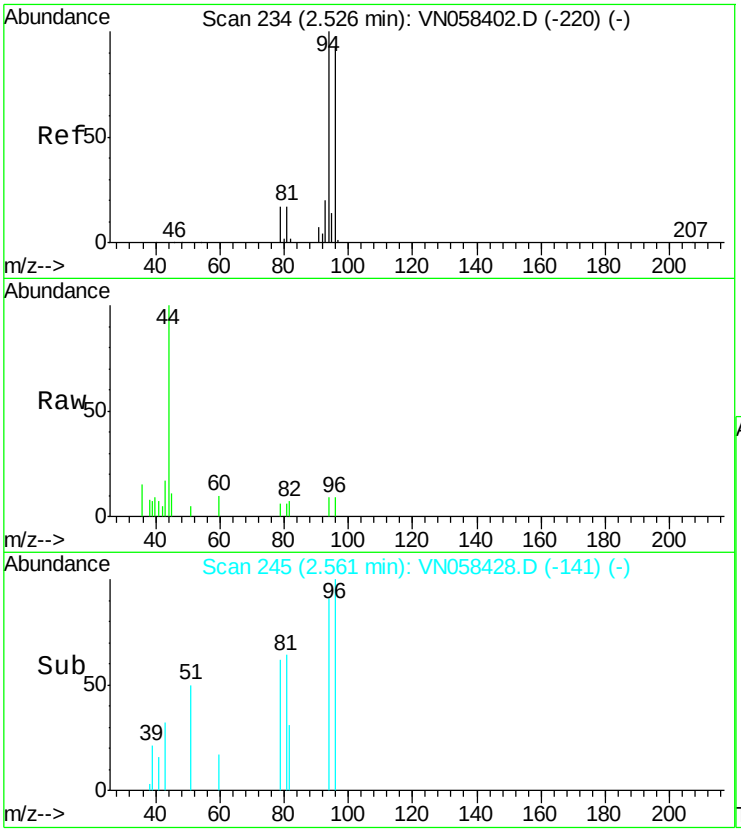


#3
Chloromethane
Concen: 0.338 ug/l
RT: 2.04 min Scan# 83
Delta R.T. 0.00 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Tgt Ion: 50 Resp: 1639

Ion	Ratio	Lower	Upper
50	100		
52	30.8	25.9	38.9



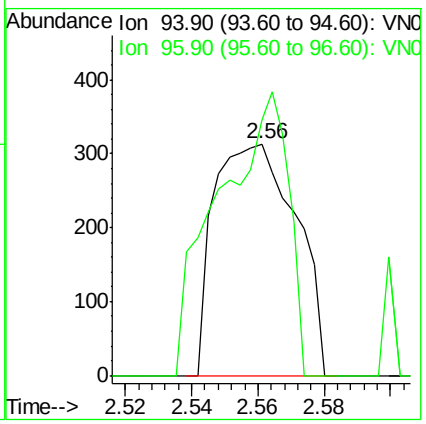


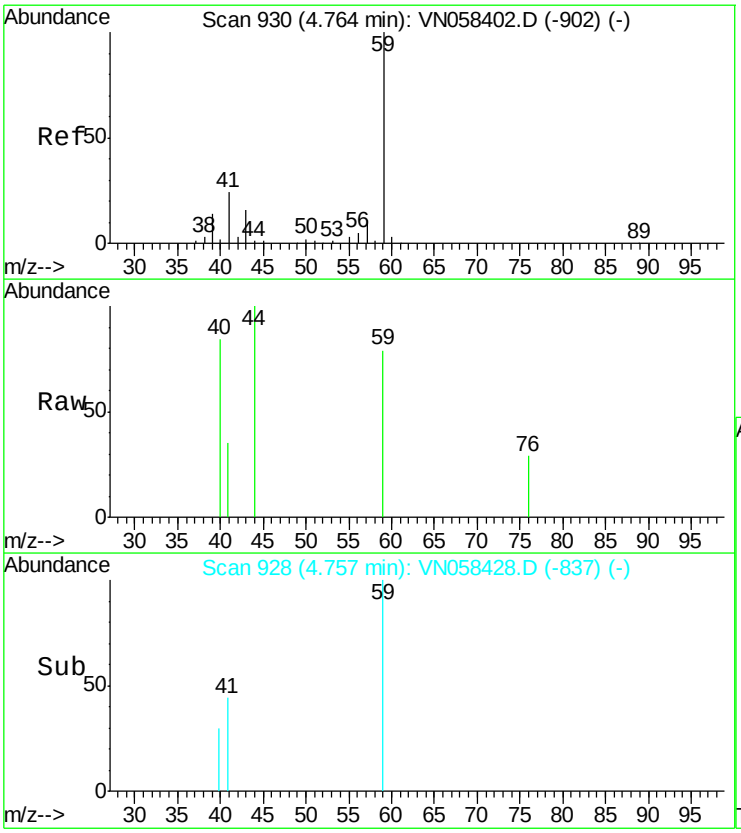
#5
Bromomethane
Concen: 0.213 ug/l
RT: 2.56 min Scan# 245
Delta R.T. 0.04 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Instrument :
MSVOA_N
ClientSampleId :
FT-PZ461I-20190924

Tgt Ion: 94 Resp: 538

Ion	Ratio	Lower	Upper
94	100		
96	110.2	74.8	112.2

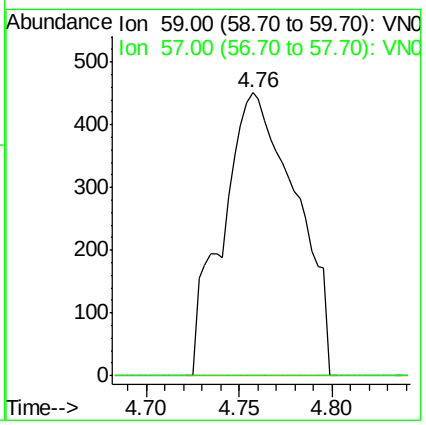


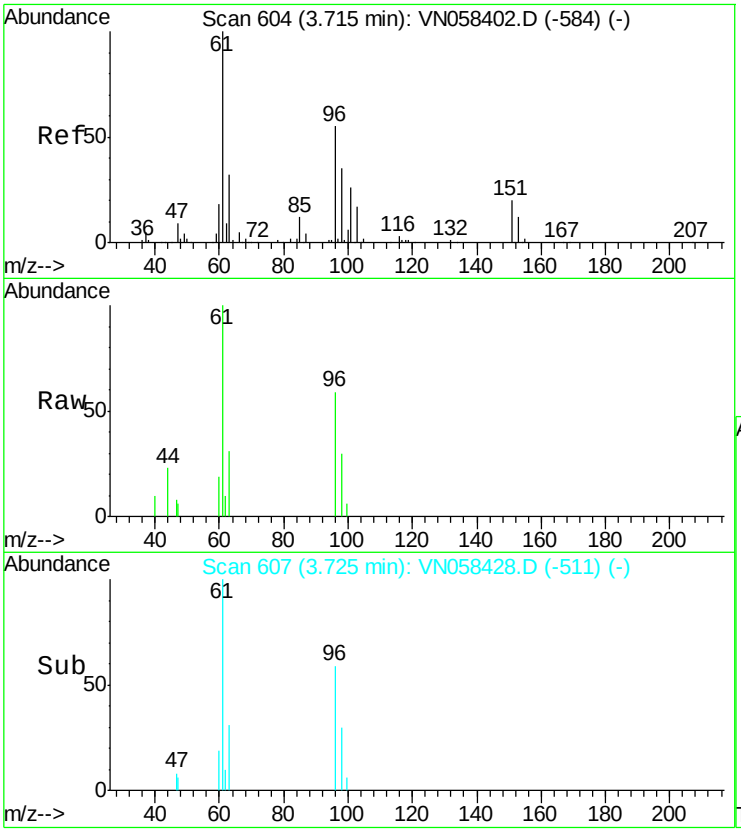


#11
Tert butyl alcohol
Concen: 1.901 ug/l
RT: 4.76 min Scan# 928
Delta R.T. -0.01 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Tgt Ion: 59 Resp: 1241

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.4#



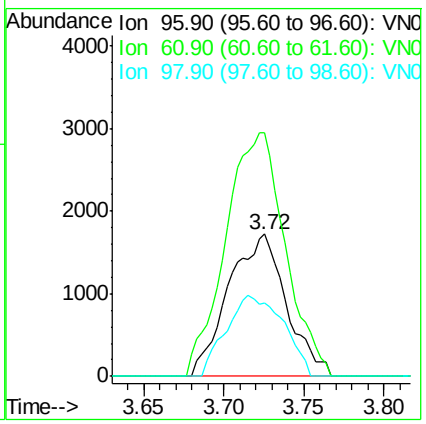


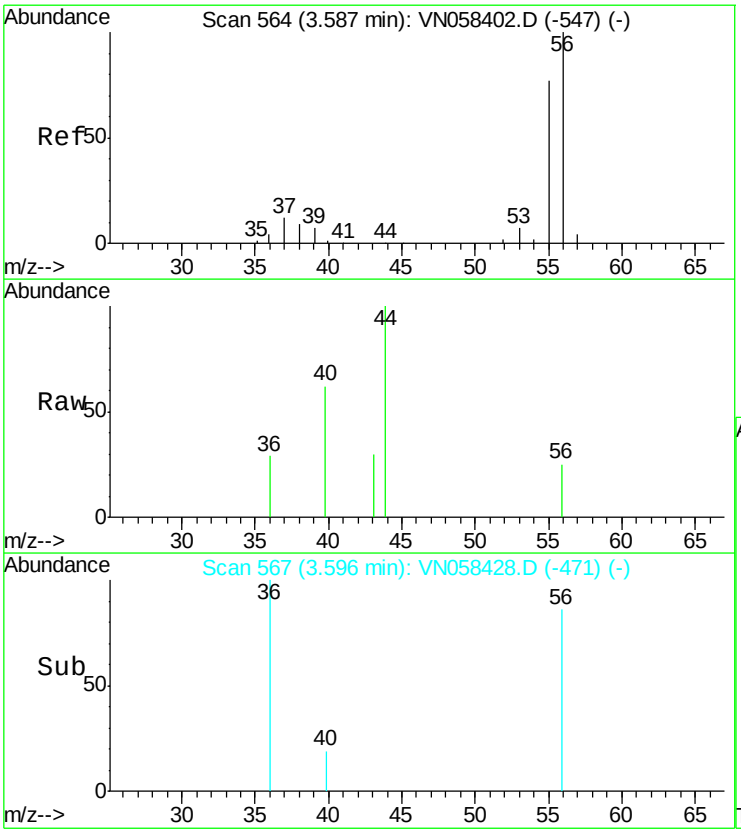
#12
1,1-Dichloroethene
Concen: 1.128 ug/l
RT: 3.72 min Scan# 607
Delta R.T. 0.01 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Instrument :
MSVOA_N
ClientSampleId :
FT-PZ461I-20190924

Tgt Ion: 96 Resp: 4280

Ion	Ratio	Lower	Upper
96	100		
61	170.8	146.7	220.1
98	51.2	51.3	76.9#

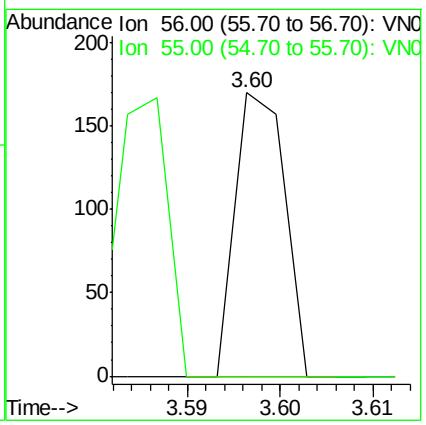


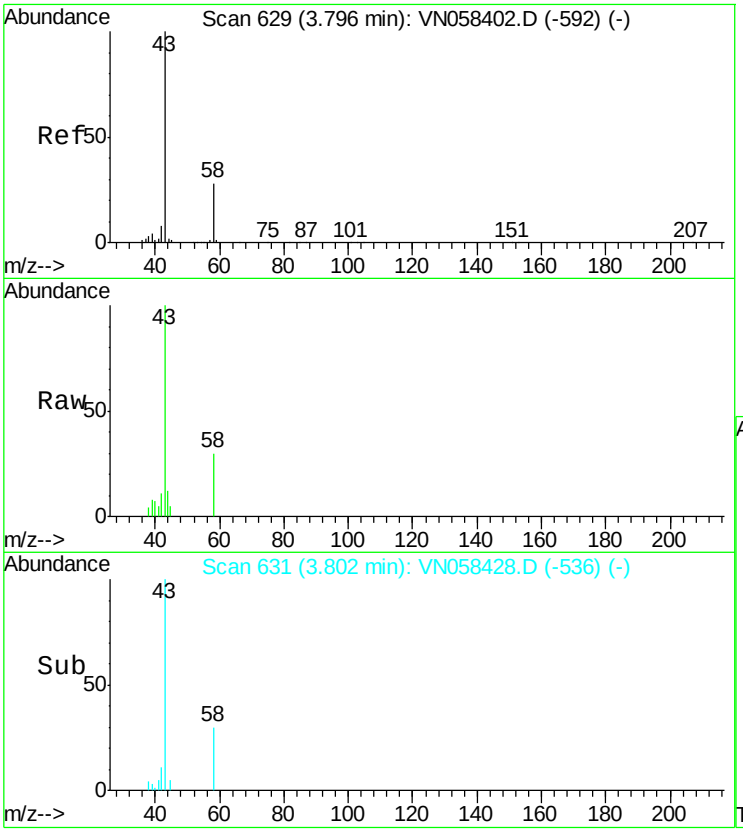


#13
Acrolein
Concen: 0.303 ug/l
RT: 3.60 min Scan# 567
Delta R.T. 0.01 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Tgt Ion: 56 Resp: 63

Ion	Ratio	Lower	Upper
56	100		
55	98.4	58.3	87.5#



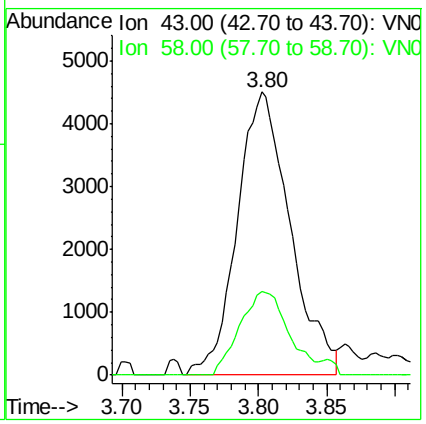


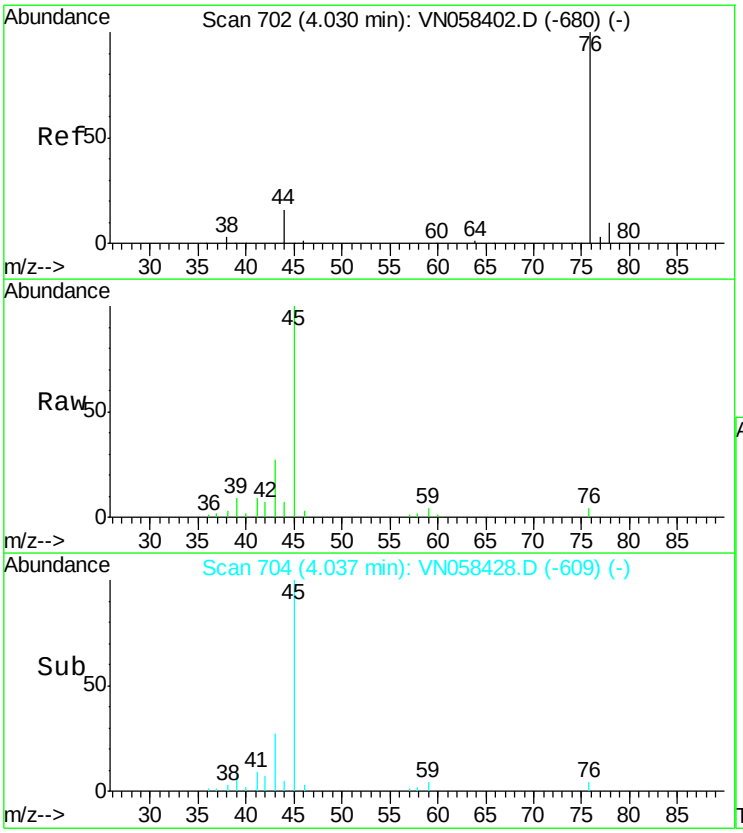
#16
Acetone
Concen: 6.071 ug/l
RT: 3.80 min Scan# 631
Delta R.T. 0.01 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Instrument :
MSVOA_N
ClientSampleId :
FT-PZ461I-20190924

Tgt Ion: 43 Resp: 12159

Ion	Ratio	Lower	Upper
43	100		
58	29.5	22.4	33.6

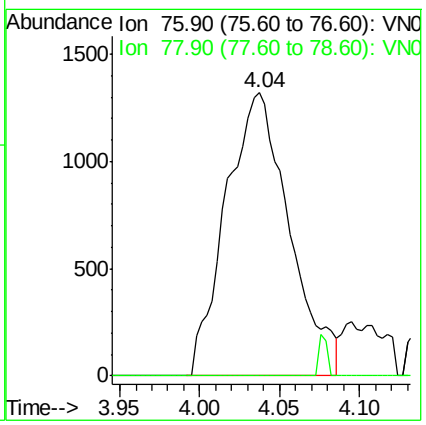


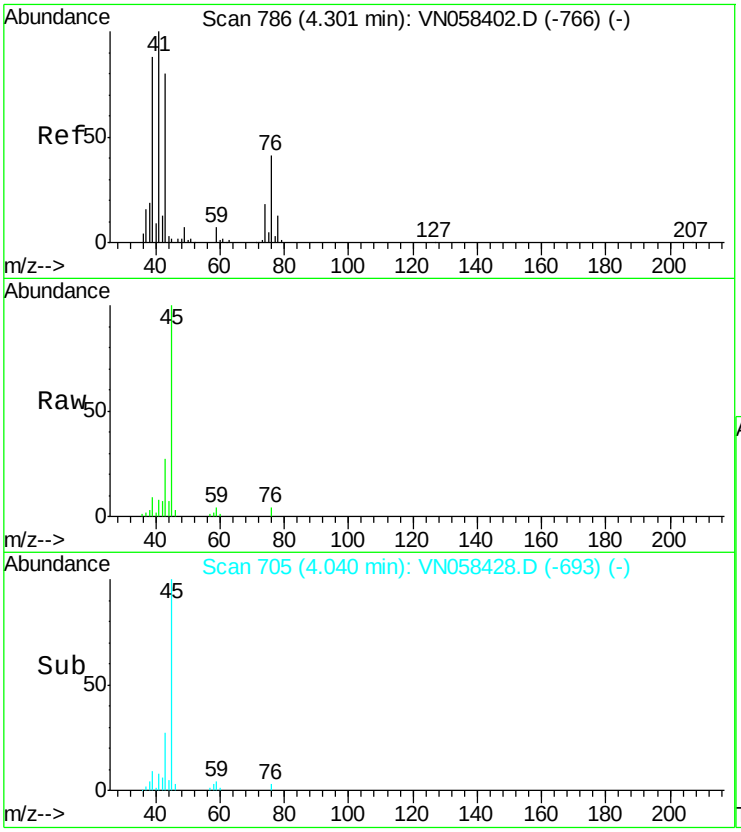


#17
Carbon Disulfide
Concen: 0.360 ug/l
RT: 4.04 min Scan# 704
Delta R.T. 0.01 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Tgt Ion: 76 Resp: 3603

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.7	11.5#



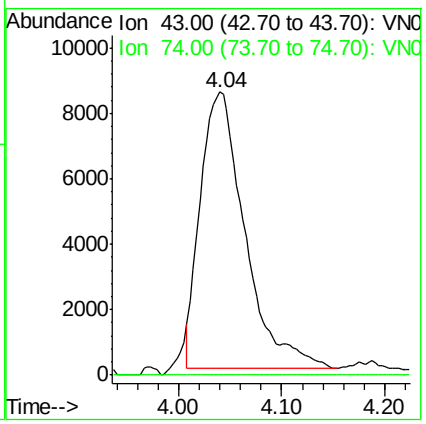


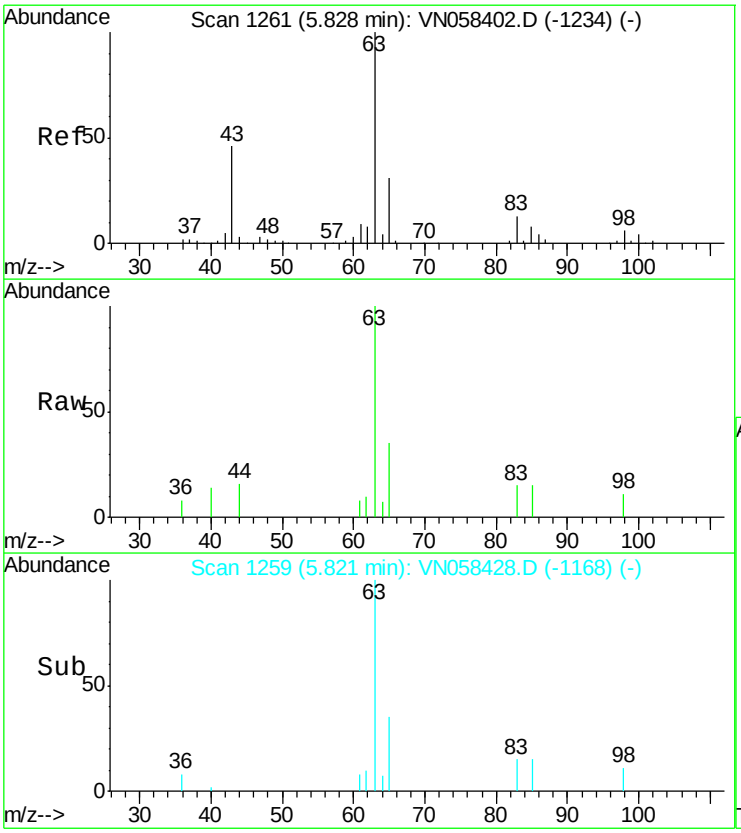
#18
Methyl Acetate
Concen: 5.031 ug/l
RT: 4.04 min Scan# 705
Delta R.T. -0.26 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Instrument : MSVOA_N
ClientSampleId : FT-PZ461I-20190924

Tgt Ion: 43 Resp: 25345

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.0	27.0#

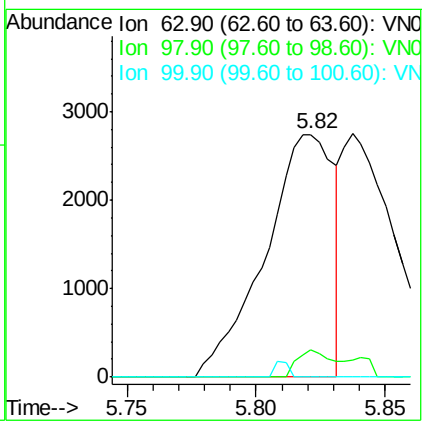


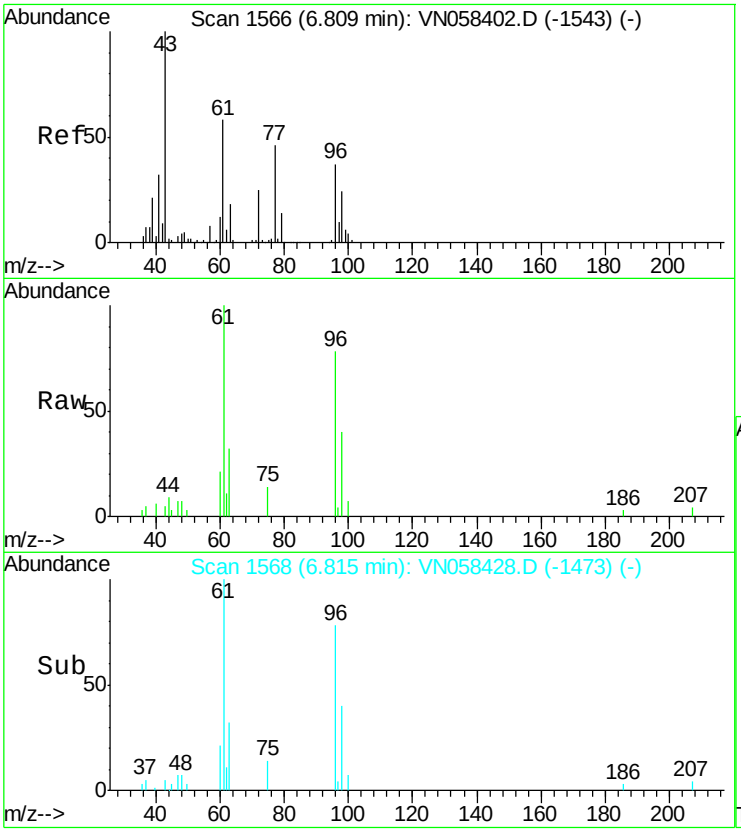


#24
1,1-Dichloroethane
Concen: 0.607 ug/l
RT: 5.82 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Tgt Ion: 63 Resp: 5078

Ion	Ratio	Lower	Upper
63	100		
98	11.1	3.0	9.0#
100	0.0	2.0	5.8#



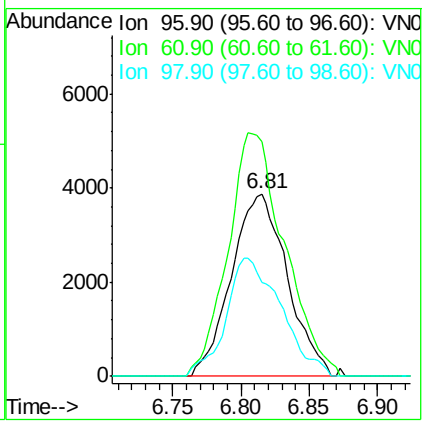


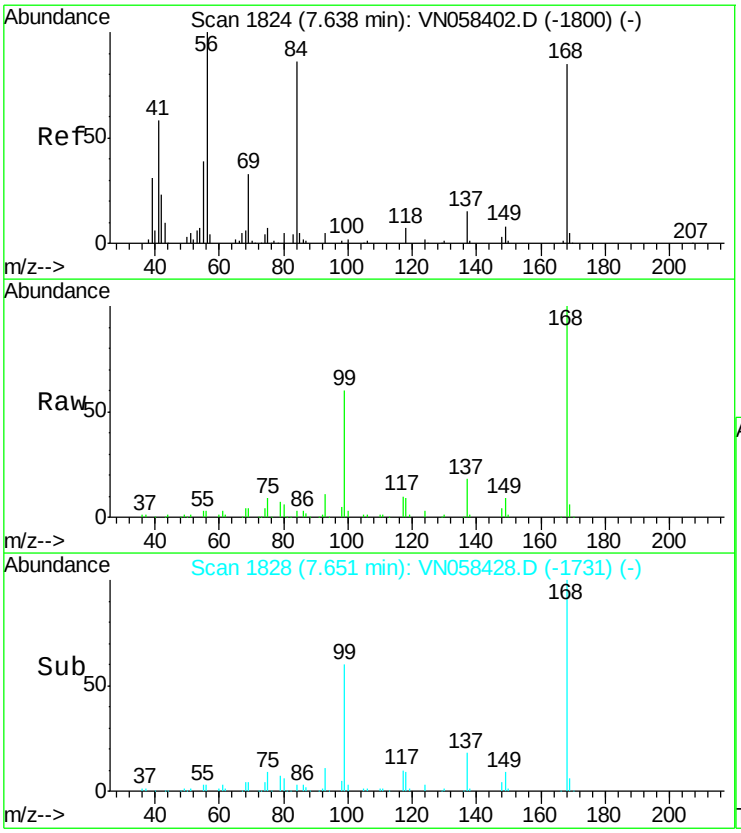
#27
cis-1,2-Dichloroethene
Concen: 2.237 ug/l
RT: 6.81 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Instrument :
MSVOA_N
ClientSampleId :
FT-PZ461I-20190924

Tgt Ion: 96 Resp: 11027

Ion	Ratio	Lower	Upper
96	100		
61	134.9	0.0	318.8
98	63.9	0.0	129.8

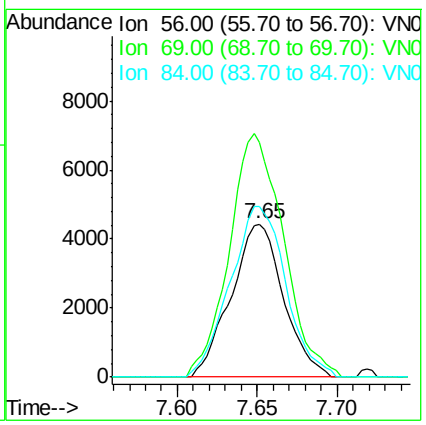


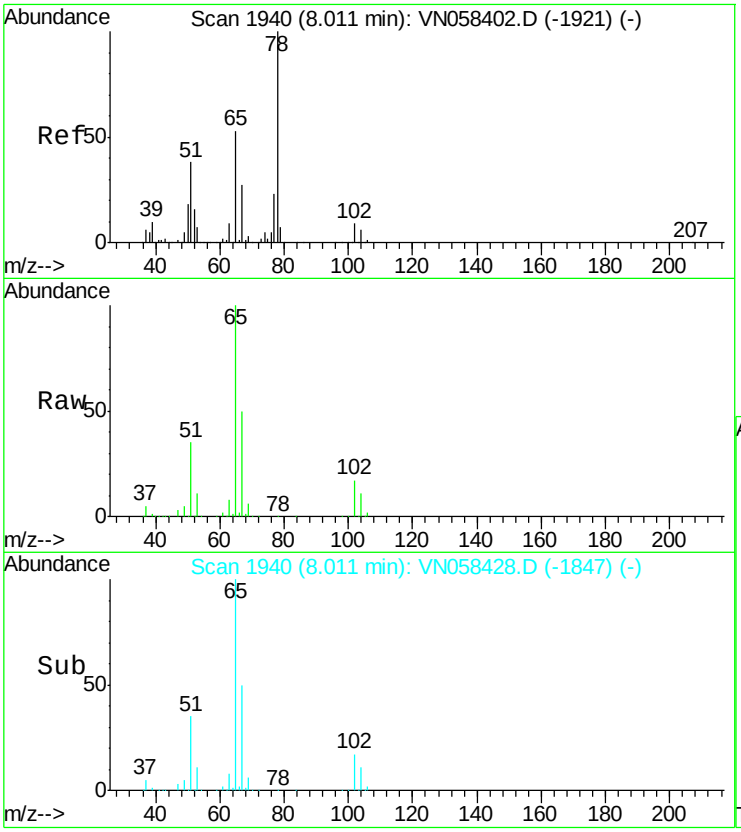


#31
Cyclohexane
Concen: 1.224 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.01 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Tgt Ion: 56 Resp: 9950

Ion	Ratio	Lower	Upper
56	100		
69	153.6	26.2	39.4#
84	111.4	67.6	101.4#



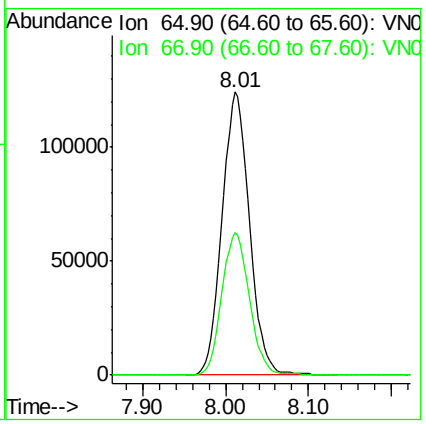


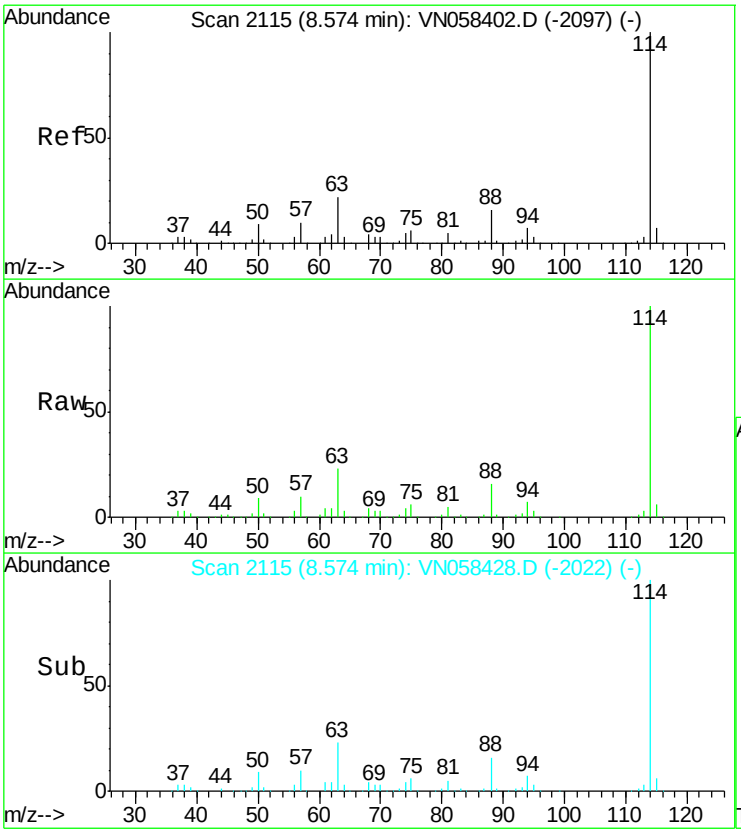
#33
1,2-Dichloroethane-d4
Concen: 48.634 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. -0.00 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Instrument :
MSVOA_N
ClientSampleId :
FT-PZ461I-20190924

Tgt Ion: 65 Resp: 285747

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	102.4

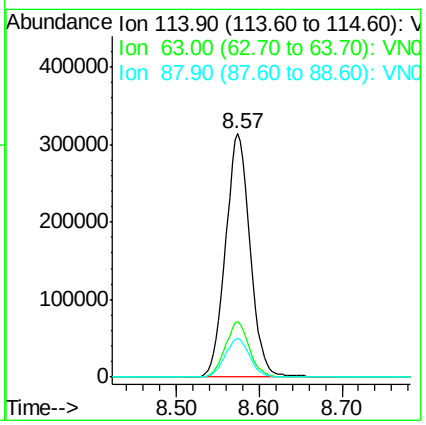


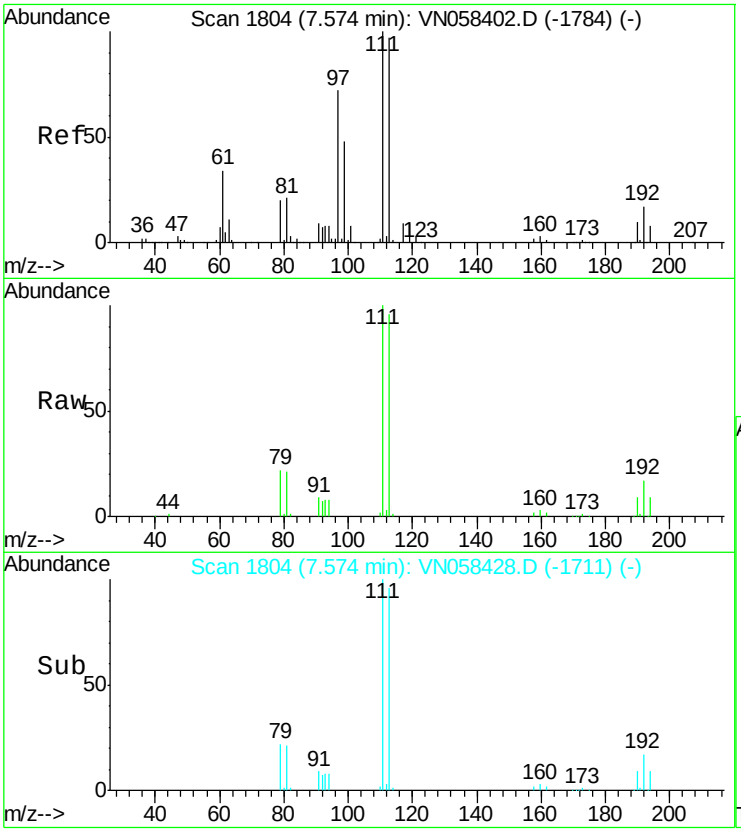


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Tgt Ion:114 Resp: 646887

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	45.0
88	15.8	0.0	32.2



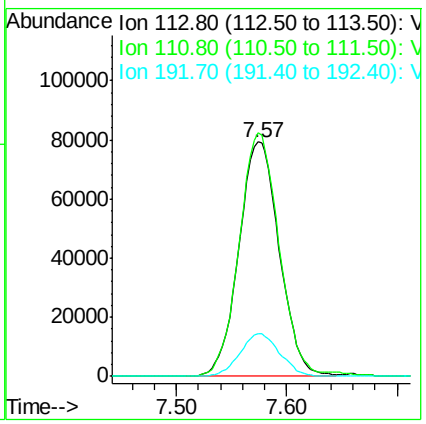


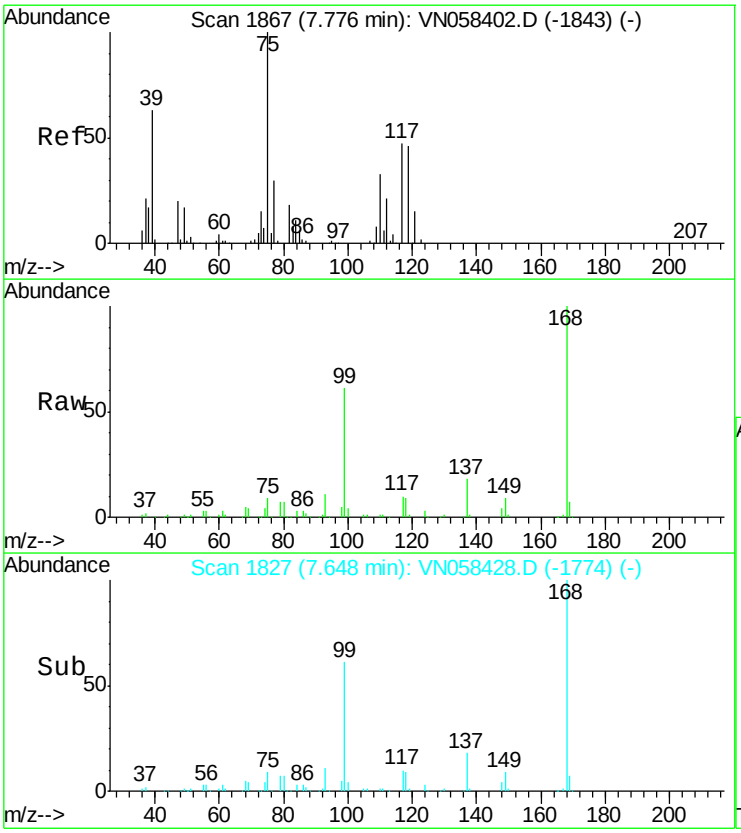
#35
Dibromofluoromethane
Concen: 50.825 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Instrument :
MSVOA_N
ClientSampleId :
FT-PZ461I-20190924

Tgt Ion:113 Resp: 201505

Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.4	125.2
192	18.0	14.9	22.3

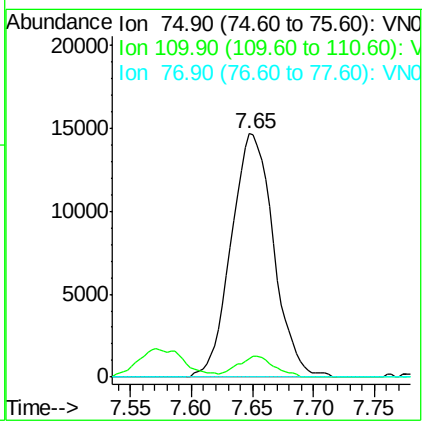


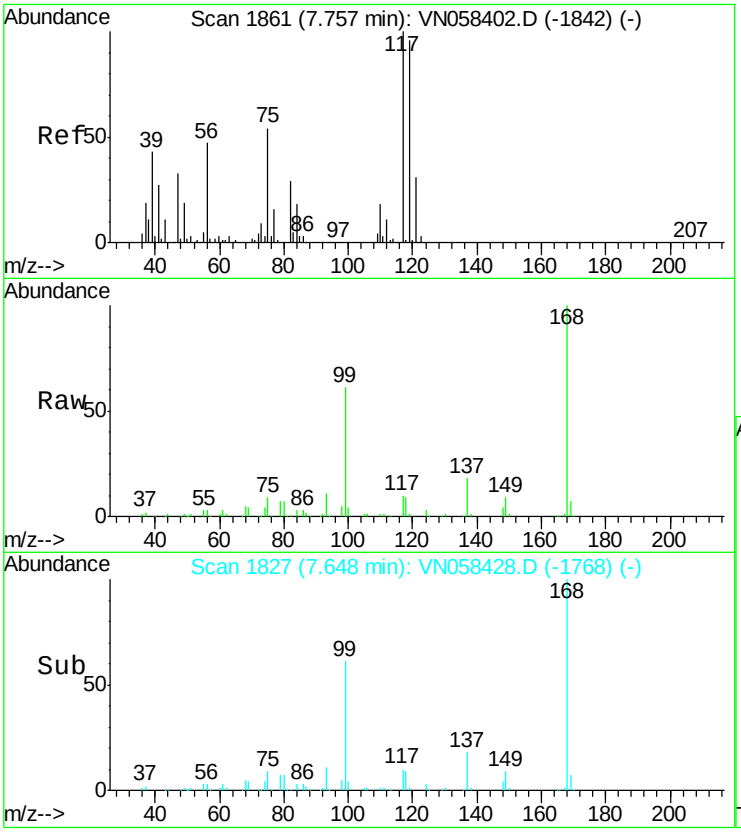


#36
1,1-Dichloropropene
Concen: 5.695 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.13 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Tgt Ion: 75 Resp: 35225

Ion	Ratio	Lower	Upper
75	100		
110	7.4	16.4	49.2#
77	0.0	24.3	36.5#



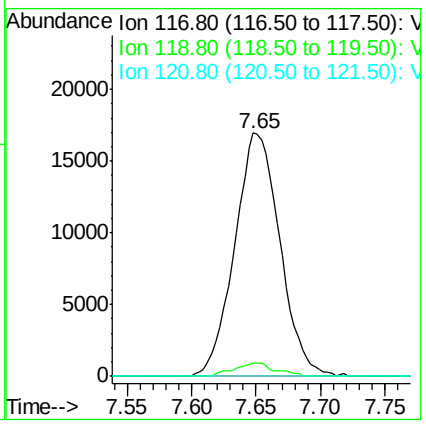


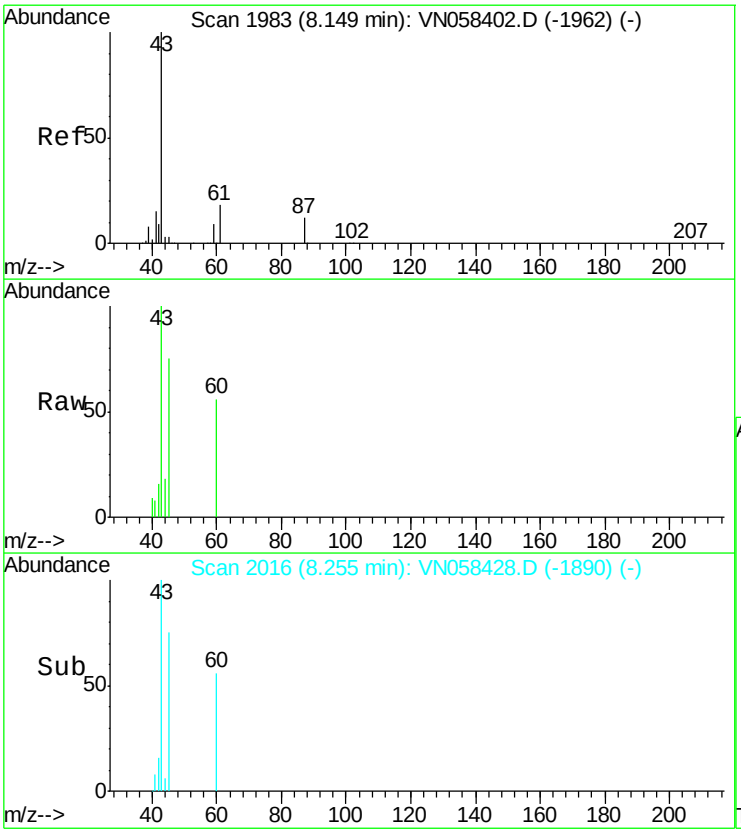
#38
Carbon Tetrachloride
Concen: 7.405 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.11 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Instrument :
MSVOA_N
ClientSampleId :
FT-PZ461I-20190924

Tgt Ion:117 Resp: 41346

Ion	Ratio	Lower	Upper
117	100		
119	5.4	76.6	115.0#
121	0.0	24.7	37.1#

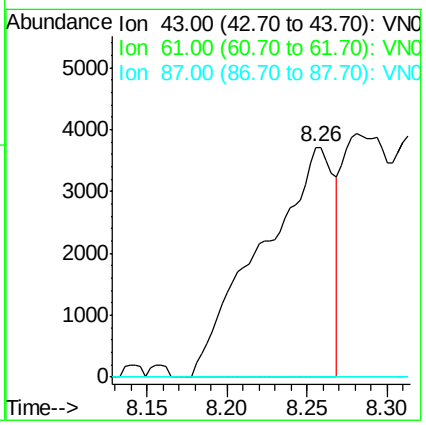


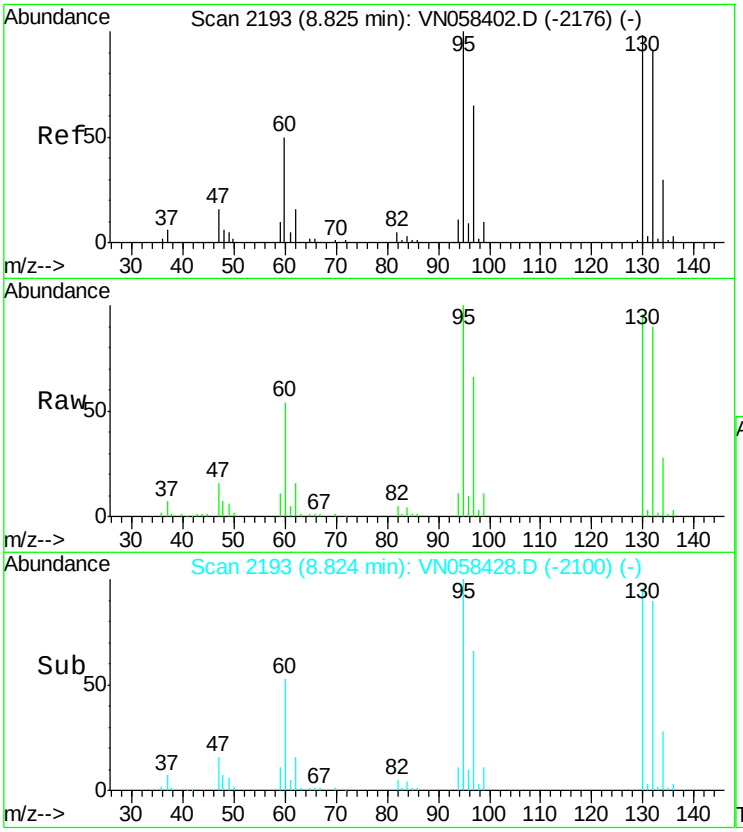


#43
Isopropyl Acetate
Concen: 1.182 ug/l
RT: 8.26 min Scan# 2016
Delta R.T. 0.11 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Tgt Ion: 43 Resp: 11652

Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.8	22.2#
87	0.0	9.7	14.5#



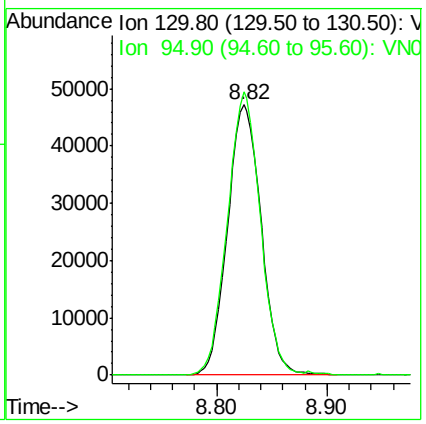


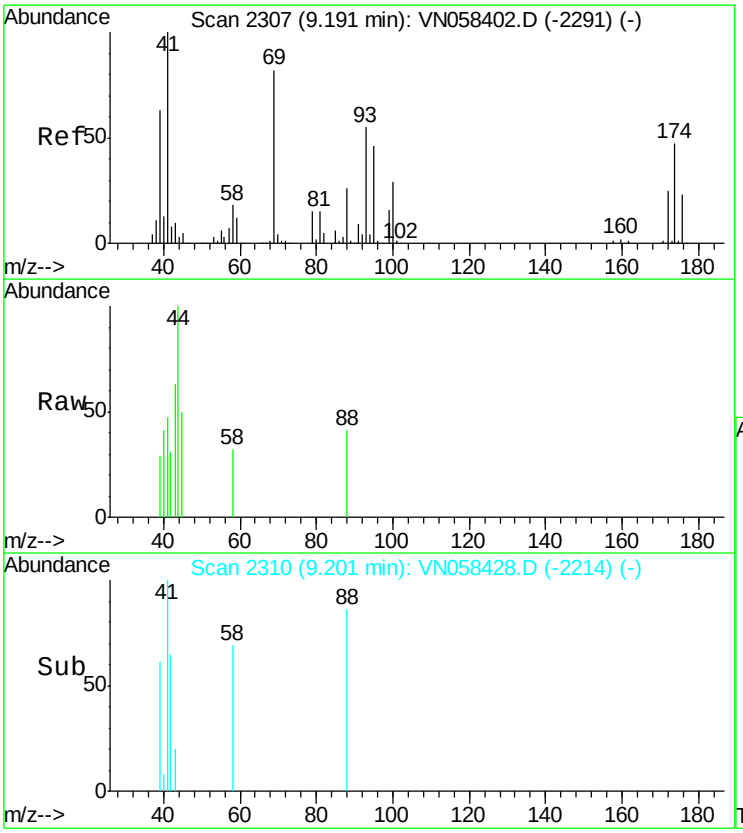
#44
Trichloroethene
Concen: 22.753 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Instrument :
MSVOA_N
ClientSampleId :
FT-PZ461I-20190924

Tgt Ion:130 Resp: 99890

Ion	Ratio	Lower	Upper
130	100		
95	104.6	0.0	204.2

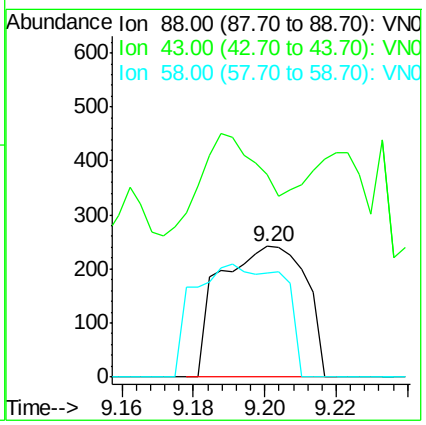


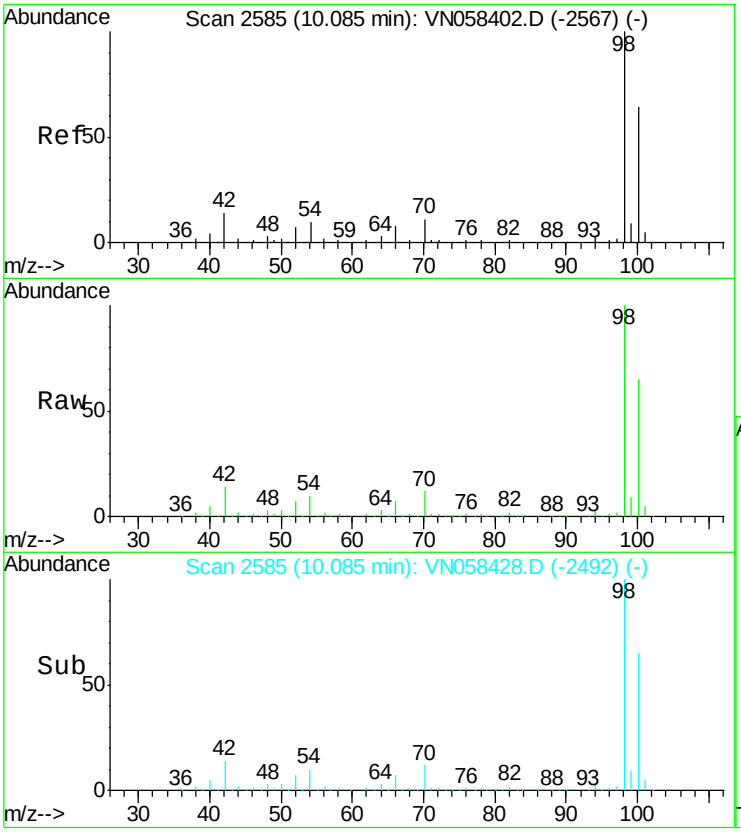


#49
1,4-Dioxane
Concen: 6.679 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.01 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Tgt Ion: 88 Resp: 401

Ion	Ratio	Lower	Upper
88	100		
43	54.6	31.1	46.7#
58	89.8	58.1	87.1#



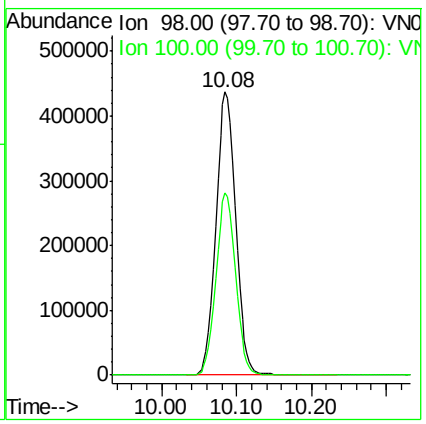


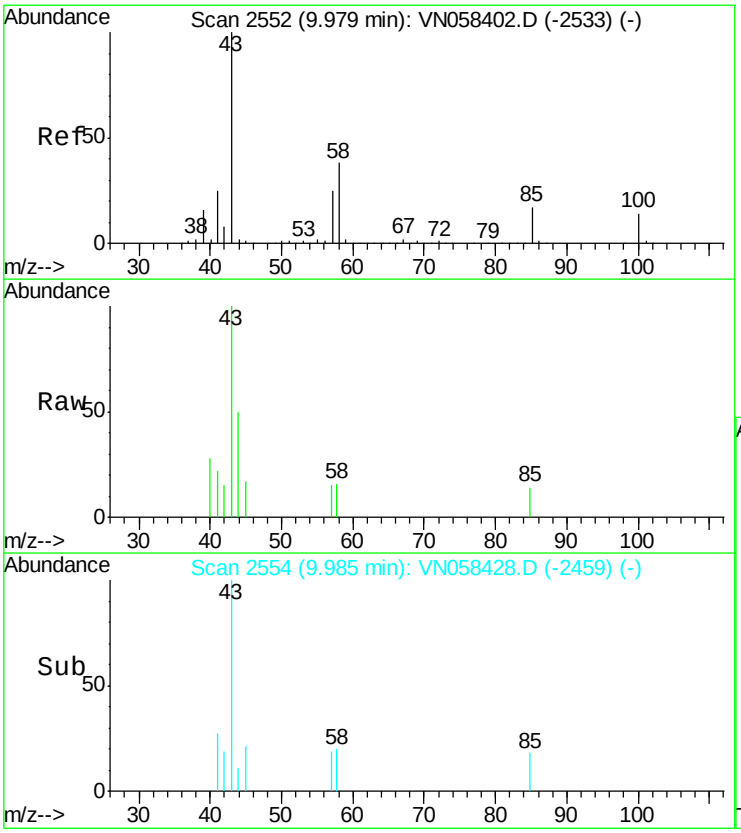
#50
Toluene-d8
Concen: 51.608 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Instrument :
MSVOA_N
ClientSampleId :
FT-PZ461I-20190924

Tgt Ion: 98 Resp: 801543

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.0	76.6

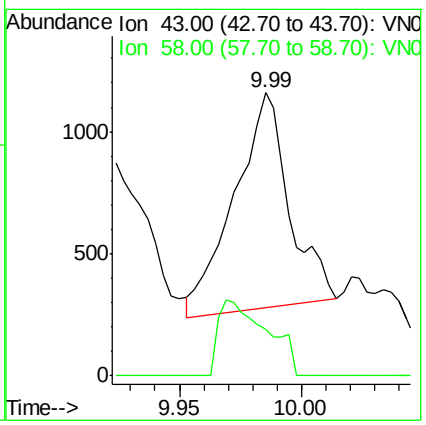


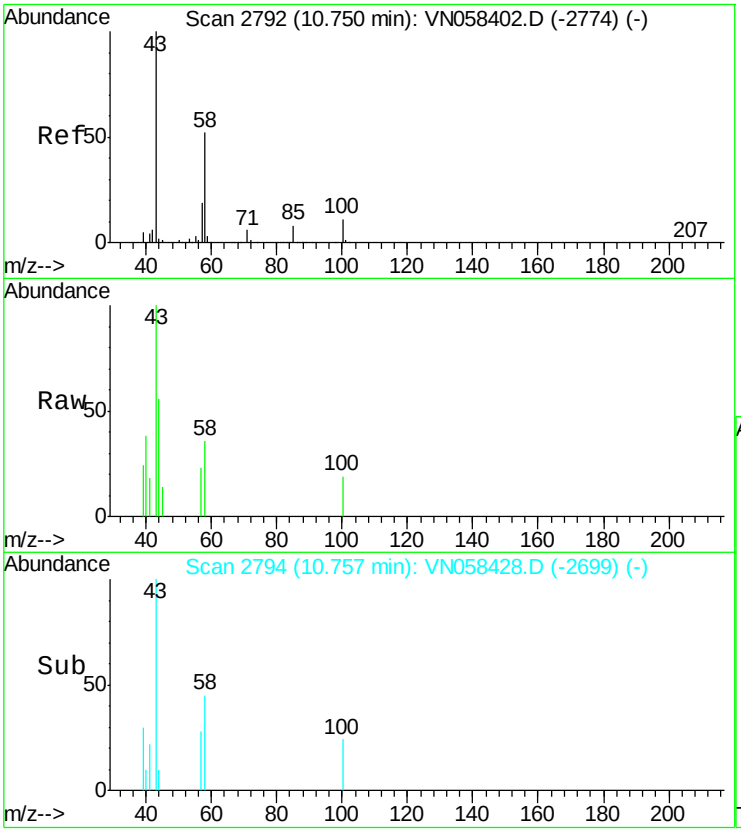


#51
4-Methyl-2-Pentanone
Concen: 0.271 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.01 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Tgt Ion: 43 Resp: 1375

Ion	Ratio	Lower	Upper
43	100		
58	31.4	30.2	45.2



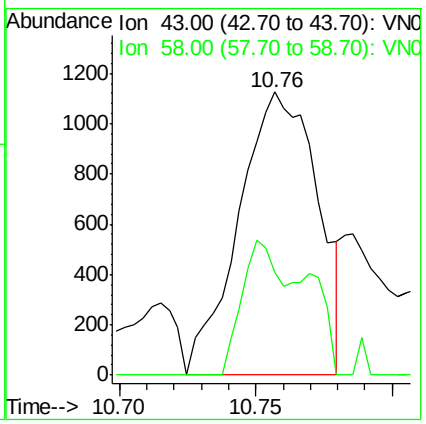


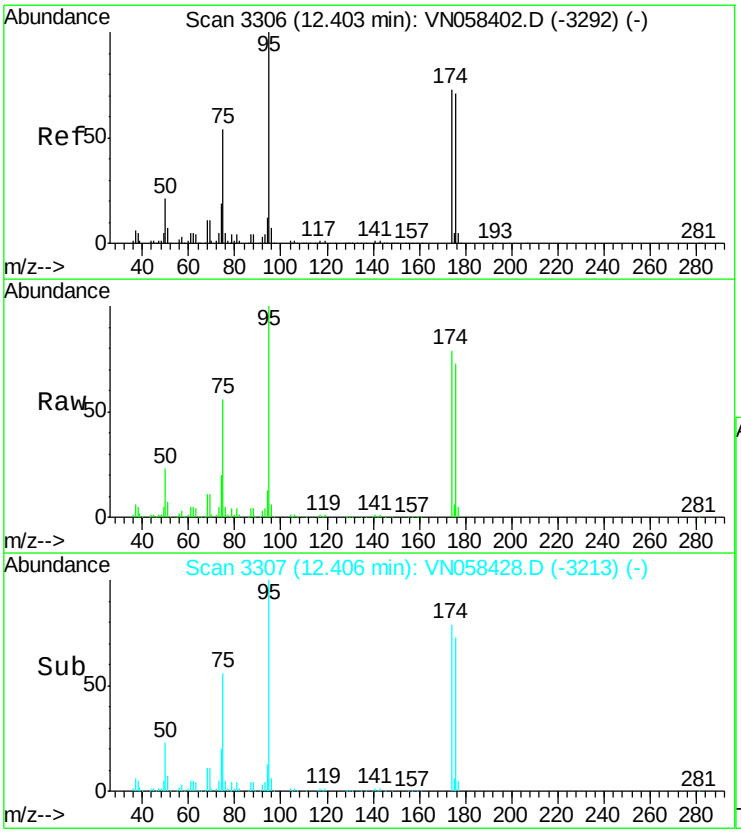
#59
2-Hexanone
Concen: 0.612 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.01 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Instrument :
MSVOA_N
ClientSampleId :
FT-PZ461I-20190924

Tgt Ion: 43 Resp: 2259

Ion	Ratio	Lower	Upper
43	100		
58	25.7	25.8	77.3#

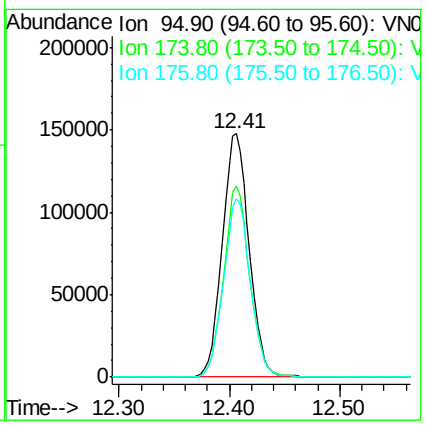


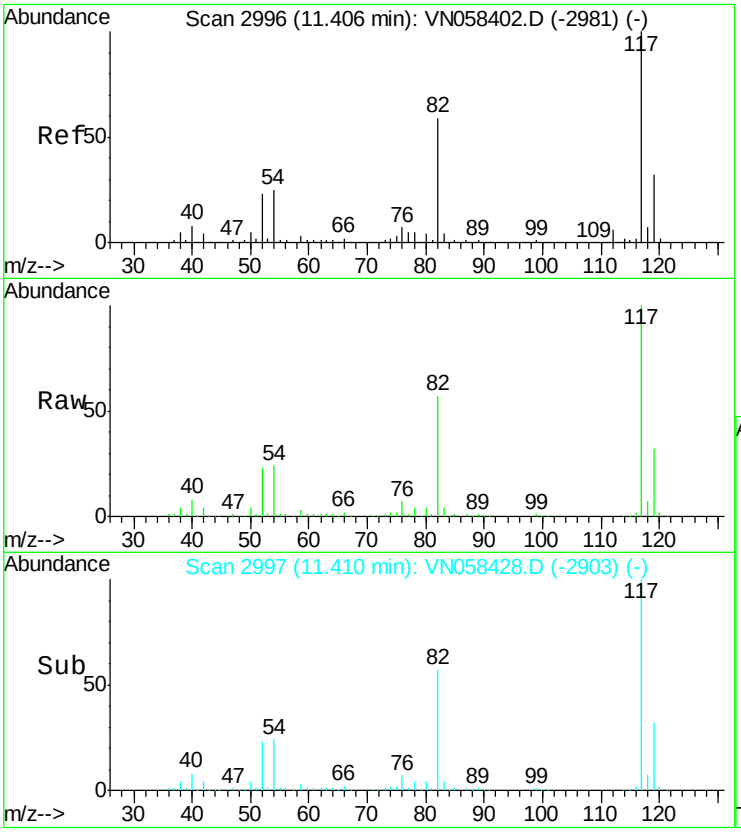


#62
4-Bromofluorobenzene
Concen: 44.326 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Tgt Ion: 95 Resp: 248927

Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	150.6
176	73.0	0.0	146.2



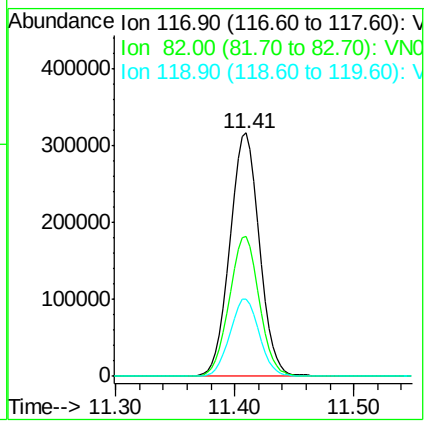


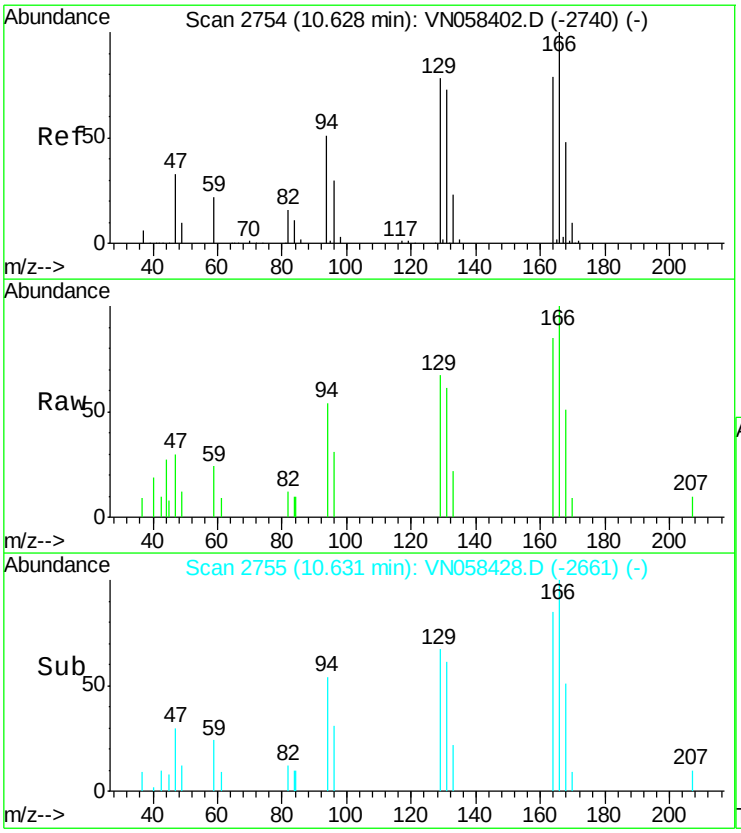
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Instrument : MSVOA_N
ClientSampleId : FT-PZ461I-20190924

Tgt Ion:117 Resp: 545322

Ion	Ratio	Lower	Upper
117	100		
82	57.3	47.4	71.0
119	31.9	25.5	38.3

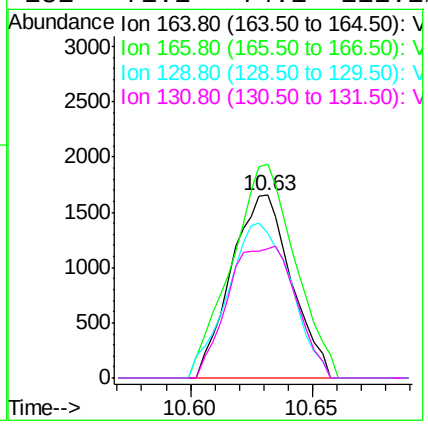


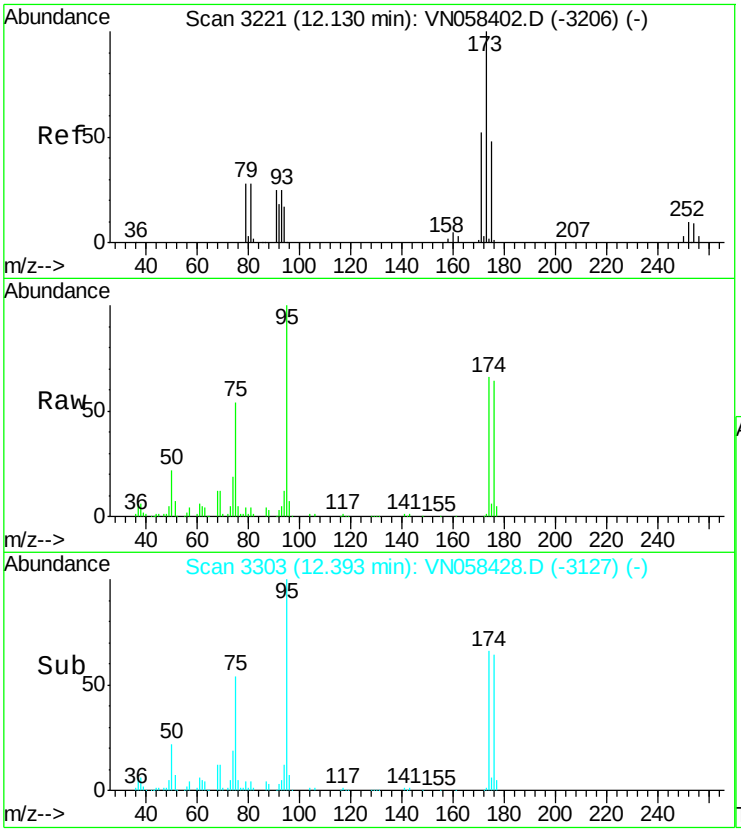


#64
Tetrachloroethene
Concen: 0.813 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Tgt Ion:164 Resp: 2815

Ion	Ratio	Lower	Upper
164	100		
166	117.0	101.1	151.7
129	78.9	79.2	118.8#
131	71.1	74.1	111.1#



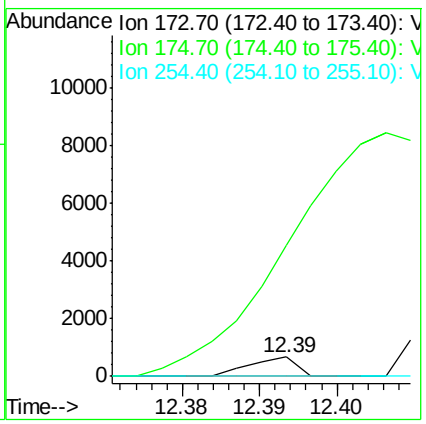


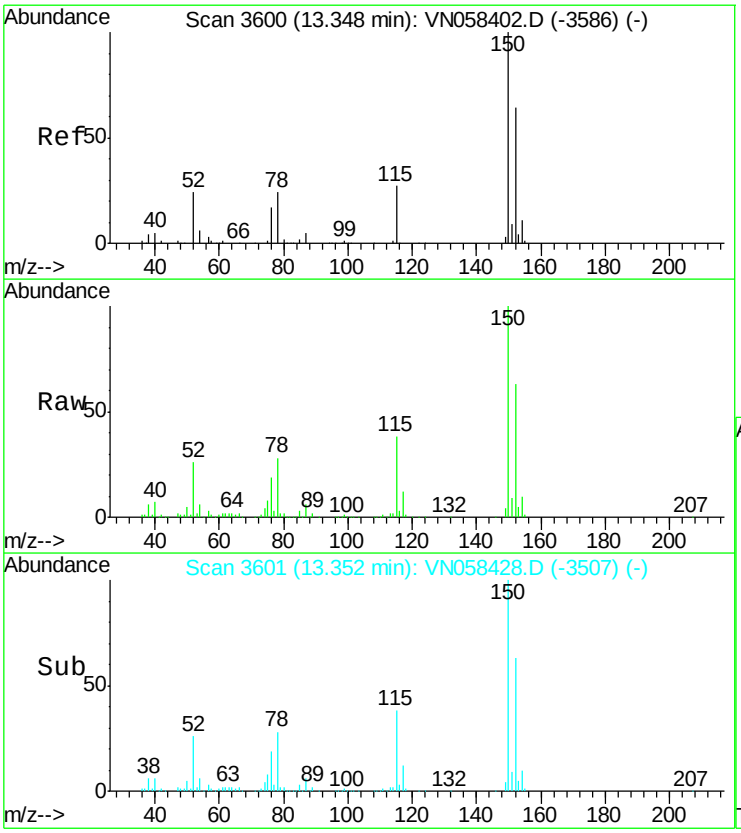
#71
Bromoform
Concen: 0.805 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.26 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Instrument :
MSVOA_N
ClientSampleId :
FT-PZ461I-20190924

Tgt Ion:173 Resp: 281

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

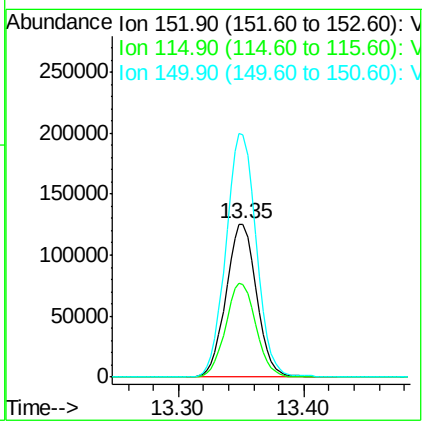


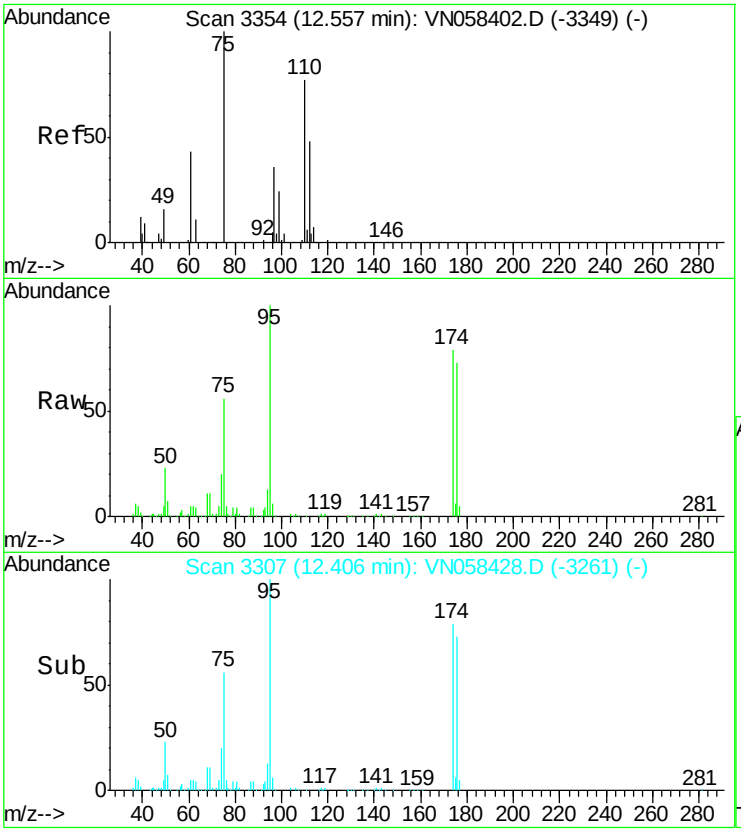


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Tgt Ion:152 Resp: 211588

Ion	Ratio	Lower	Upper
152	100		
115	60.9	30.0	90.0
150	158.8	0.0	348.2



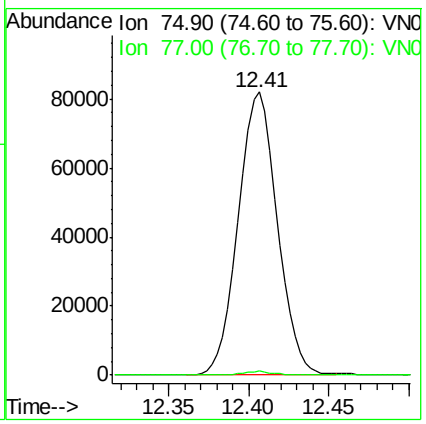


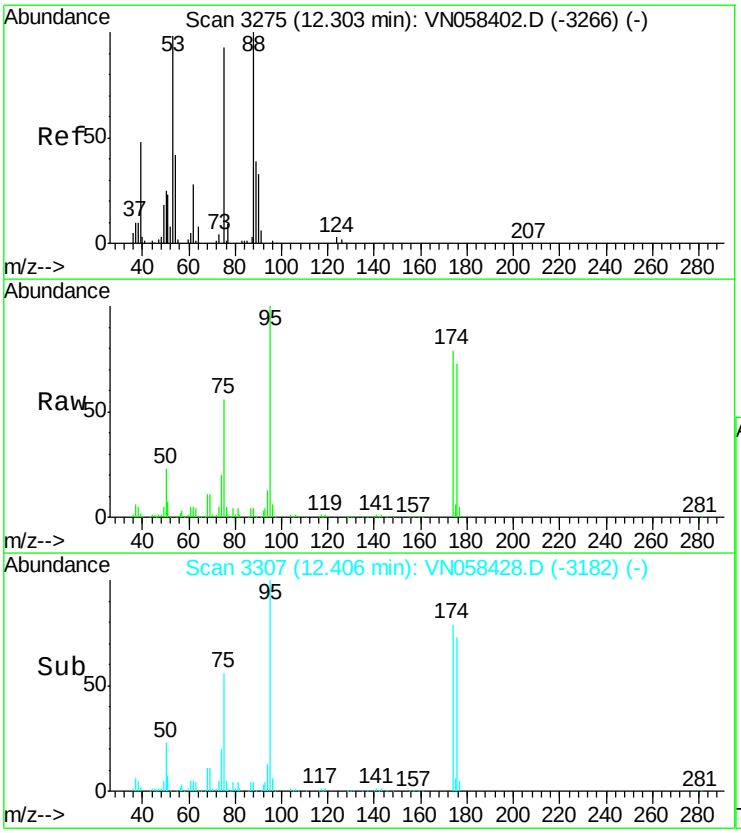
#76
1,2,3-Trichloropropane
Concen: 35.375 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. -0.15 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Instrument :
MSVOA_N
ClientSampleId :
FT-PZ461I-20190924

Tgt Ion: 75 Resp: 136713

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

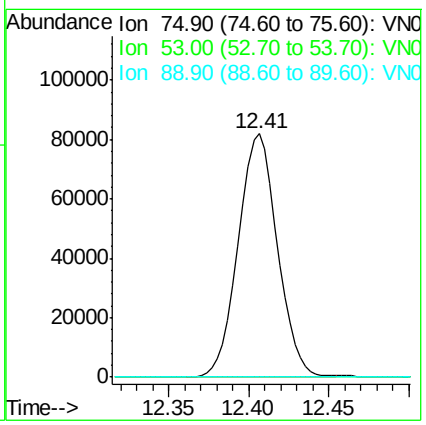


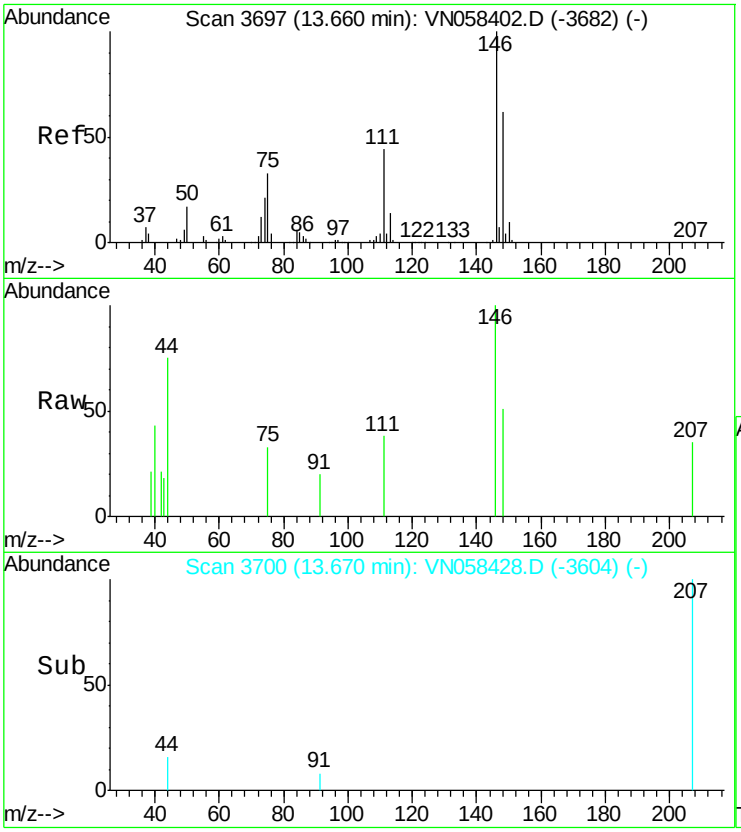


#81
trans-1,4-Dichloro-2-butene
Concen: 107.438 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.10 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Tgt Ion: 75 Resp: 136713

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



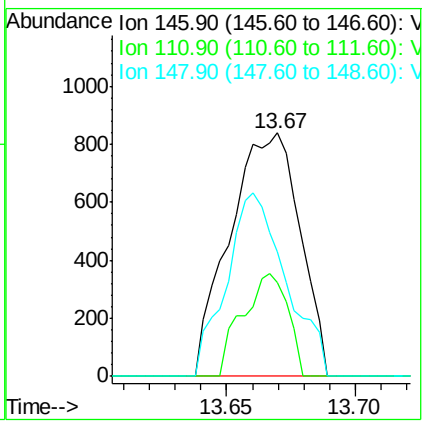


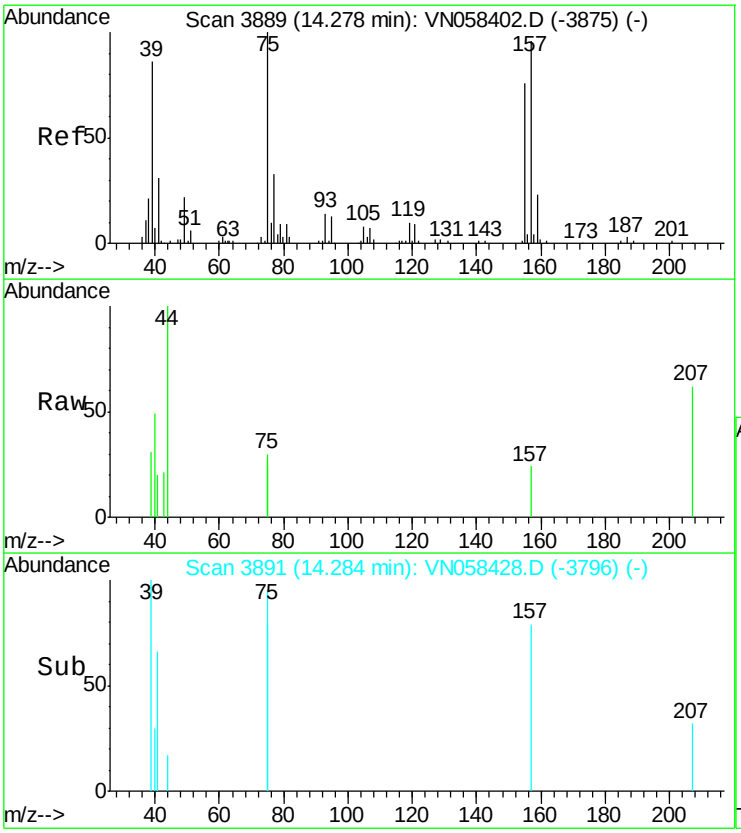
#91
1,2-Dichlorobenzene
Concen: 0.248 ug/l
RT: 13.67 min Scan# 3700
Delta R.T. 0.01 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Instrument :
MSVOA_N
ClientSampleId :
FT-PZ461I-20190924

Tgt Ion:146 Resp: 1587

Ion	Ratio	Lower	Upper
146	100		
111	27.5	21.8	65.3
148	63.9	31.5	94.5

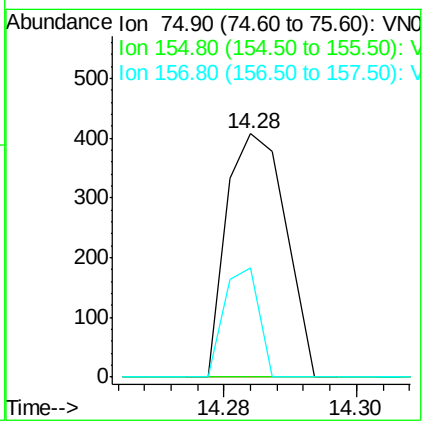


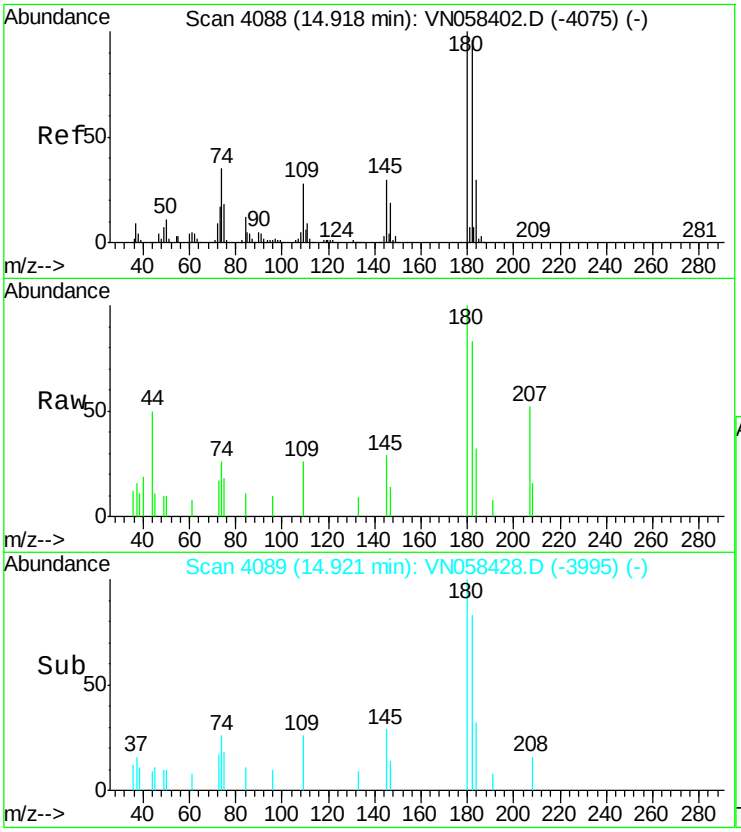


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.308 ug/l
RT: 14.28 min Scan# 3891
Delta R.T. 0.01 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Tgt Ion: 75 Resp: 251

Ion	Ratio	Lower	Upper
75	100		
155	0.0	39.2	117.6#
157	26.7	48.7	146.1#



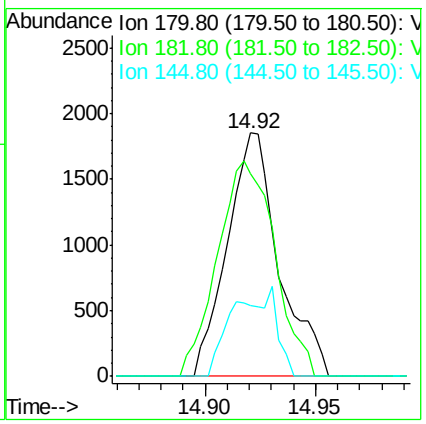


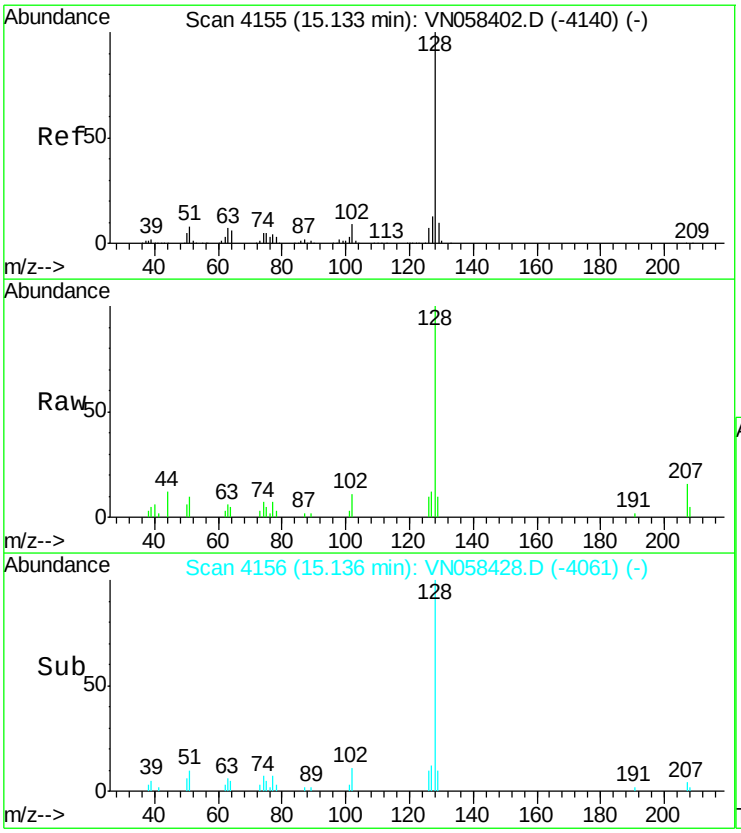
#93
1,2,4-Trichlorobenzene
Concen: 0.854 ug/l
RT: 14.92 min Scan# 4089
Delta R.T. 0.00 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Instrument :
MSVOA_N
ClientSampleId :
FT-PZ461I-20190924

Tgt Ion:180 Resp: 3013

Ion	Ratio	Lower	Upper
180	100		
182	98.1	47.4	142.3
145	20.3	15.3	45.9

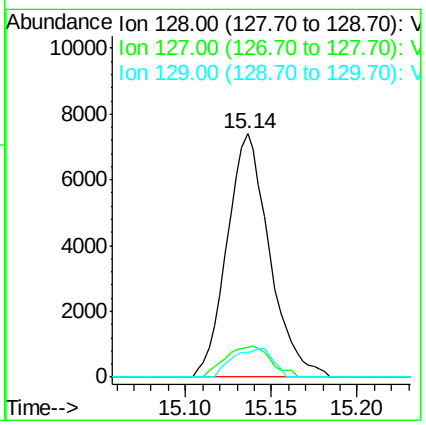


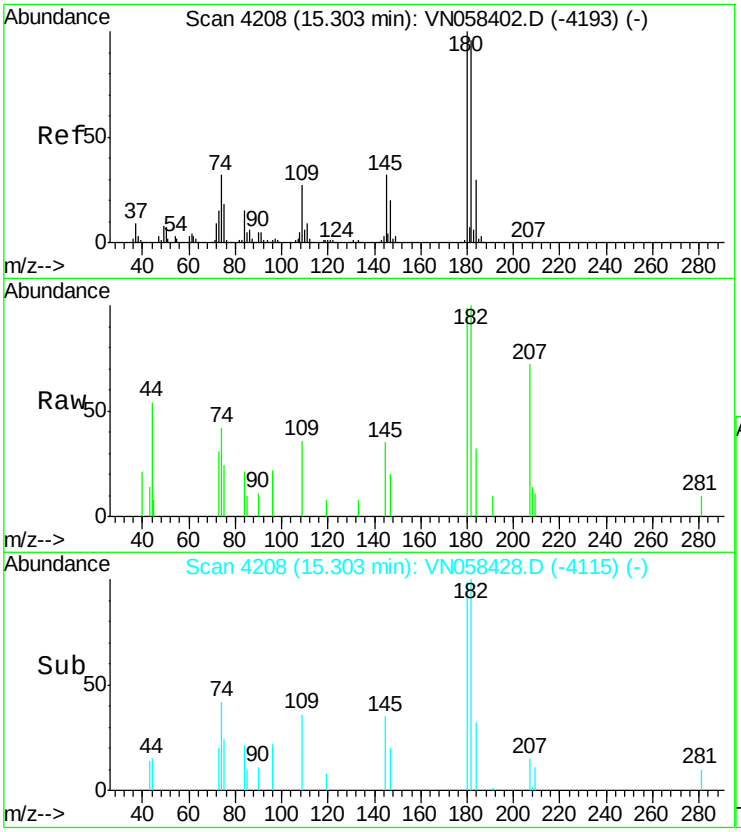


#95
Naphthalene
Concen: 1.197 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Tgt Ion:128 Resp: 12664

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.2	15.4
129	11.0	8.3	12.5





#96
1,2,3-Trichlorobenzene
Concen: 0.871 ug/l
RT: 15.30 min Scan# 4208
Delta R.T. 0.00 min
Lab File: VN058428.D
Acq: 30 Sep 2019 12:37

Instrument :
MSVOA_N
ClientSampleId :
FT-PZ461I-20190924

Tgt Ion:180 Resp: 3172

Ion	Ratio	Lower	Upper
180	100		
182	106.2	48.3	144.9
145	35.5	16.1	48.3