Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060520\
Data File : VN061661.D
Acq On : 5 Jun 2020 12:00
Operator : JC/MD
Sample : L2904-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EB6420

Quant Time: Jun 06 03:19:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.63	168	269340	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.55	114	451189	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.38	117	423588	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	177787	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.99	65	149841	46.69	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.38%				
35) Dibromofluoromethane	7.55	113	117027	51.13	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.26%				
50) Toluene-d8	10.06	98	530630	50.03	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.06%				
62) 4-Bromofluorobenzene	12.38	95	180753	46.71	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.42%				
Target Compounds							Qvalue
3) Chloromethane	2.04	50	1454	0.44	ug/l	#	69
5) Bromomethane	2.55	94	1214	0.47	ug/l	#	58
8) Diethyl Ether	3.38	74	850	0.48	ug/l		68
10) Methyl Iodide	3.92	142	1347	0.38	ug/l	#	66
11) Tert butyl alcohol	4.74	59	120	0.28	ug/l	#	72
16) Acetone	3.78	43	9926	5.15	ug/l		94
17) Carbon Disulfide	4.02	76	1976	0.33	ug/l	#	74
20) Methylene Chloride	4.50	84	3199	Below Cal		#	86
25) 2-Butanone	6.78	43	1440	0.95	ug/l	#	84
29) Tetrahydrofuran	7.16	42	444	0.44	ug/l	#	69
31) Cyclohexane	7.63	56	4861	1.07	ug/l	#	12
36) 1,1-Dichloropropene	7.63	75	18994	4.76	ug/l	#	43
38) Carbon Tetrachloride	7.62	117	26289	6.82	ug/l	#	16
49) 1,4-Dioxane	9.17	88	266	6.59	ug/l	#	29
51) 4-Methyl-2-Pentanone	9.95	43	3399	1.04	ug/l	#	86
59) 2-Hexanone	10.73	43	1778	0.76	ug/l		83
71) Bromoform	12.38	173	1342	0.53	ug/l	#	1
74) N-amyl acetate	12.05	43	883	0.22	ug/l	#	59
76) 1,2,3-Trichloropropane	12.38	75	88230	27.29	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.38	75	88230	69.79	ug/l	#	15
82) 4-Chlorotoluene	12.75	91	2044	0.22	ug/l		92
87) 1,3-Dichlorobenzene	13.26	146	1811	0.31	ug/l		94
88) 1,4-Dichlorobenzene	13.26	146	1811	0.30	ug/l		95
89) n-Butylbenzene	13.59	91	2775	0.29	ug/l		91
91) 1,2-Dichlorobenzene	13.63	146	1666	0.30	ug/l		97
92) 1,2-Dibromo-3-Chloropropan	14.24	75	212	0.29	ug/l	#	1
93) 1,2,4-Trichlorobenzene	14.89	180	2811	0.86	ug/l		86
94) Hexachlorobutadiene	14.98	225	1030	0.74	ug/l		82
95) Naphthalene	15.11	128	11111	1.11	ug/l		98
96) 1,2,3-Trichlorobenzene	15.29	180	3029	0.94	ug/l		95

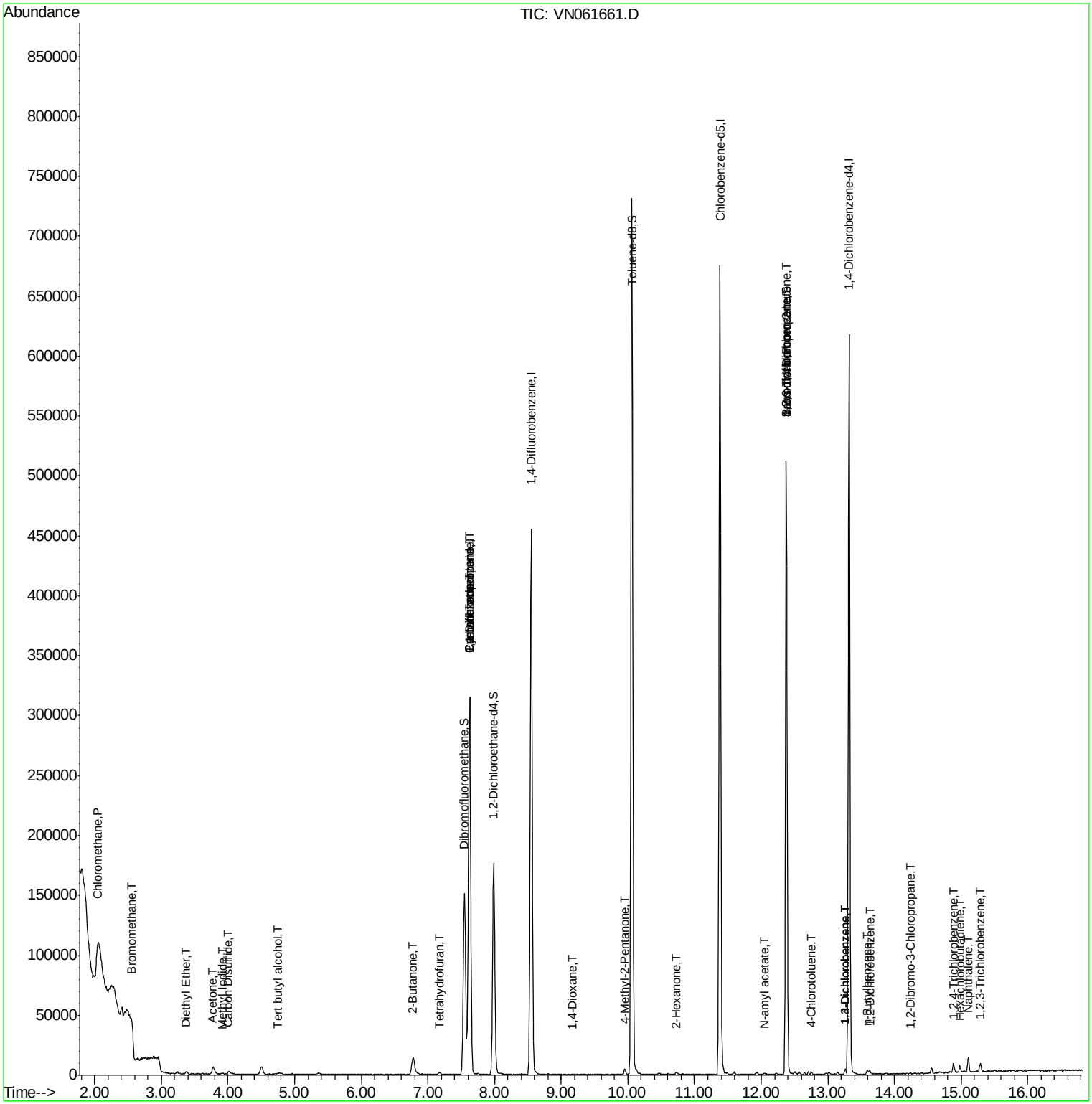
(#) = qualifier out of range (m) = manual integration (+) = signals summed

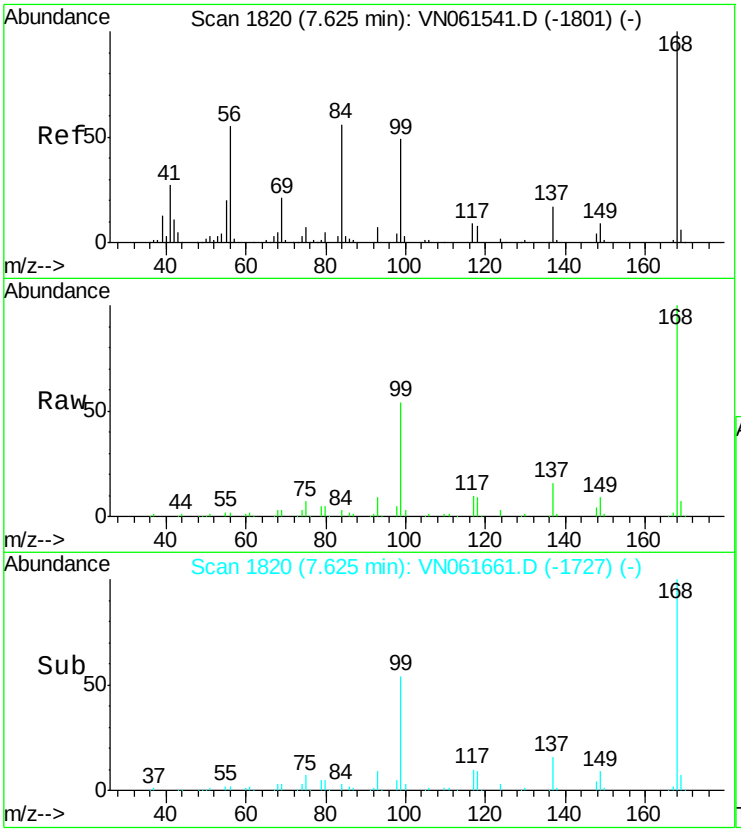
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060520\
Data File : VN061661.D
Acq On : 5 Jun 2020 12:00
Operator : JC/MD
Sample : L2904-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EB6420

Quant Time: Jun 06 03:19:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration



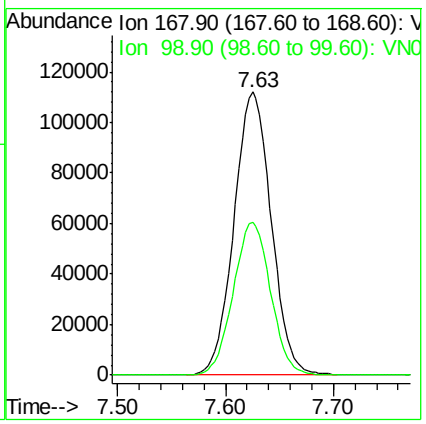


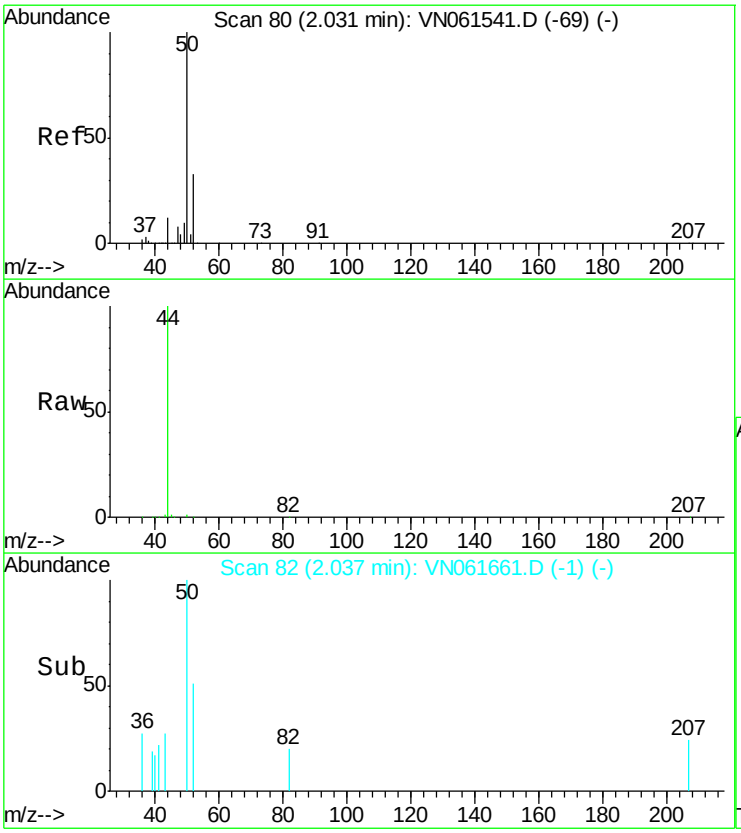
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.00 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
EB6420

Tgt Ion:168 Resp: 269340

Ion	Ratio	Lower	Upper
168	100		
99	54.0	45.0	67.4

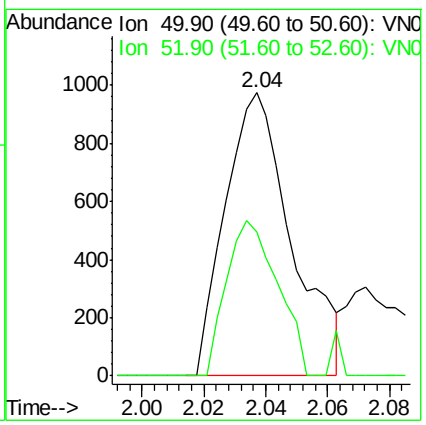


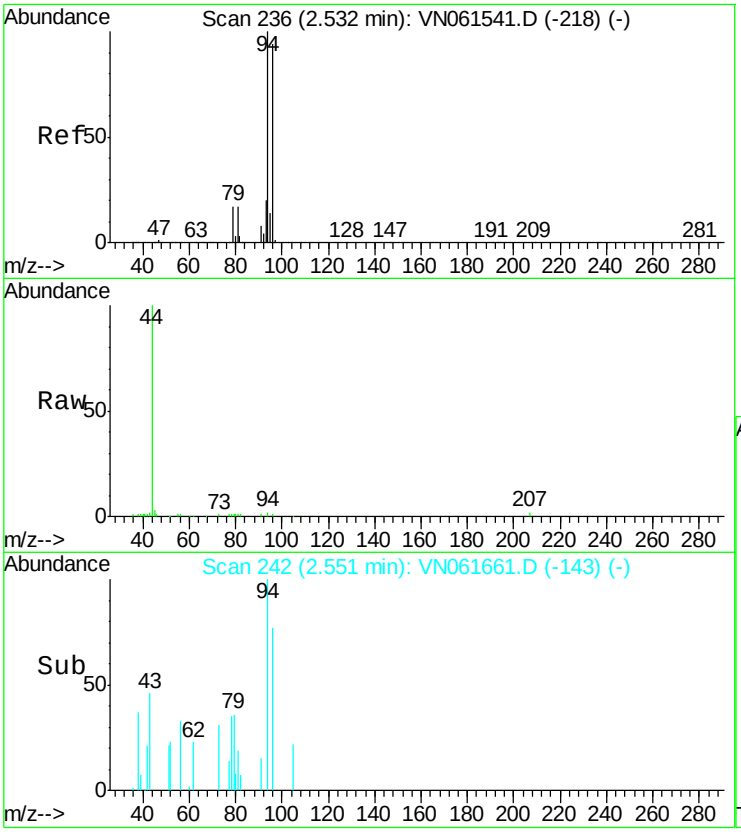


#3
Chloromethane
Concen: 0.44 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.01 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Tgt Ion: 50 Resp: 1454

Ion	Ratio	Lower	Upper
50	100		
52	50.8	26.7	40.1#



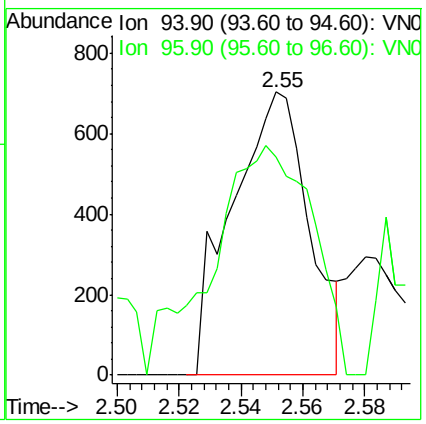


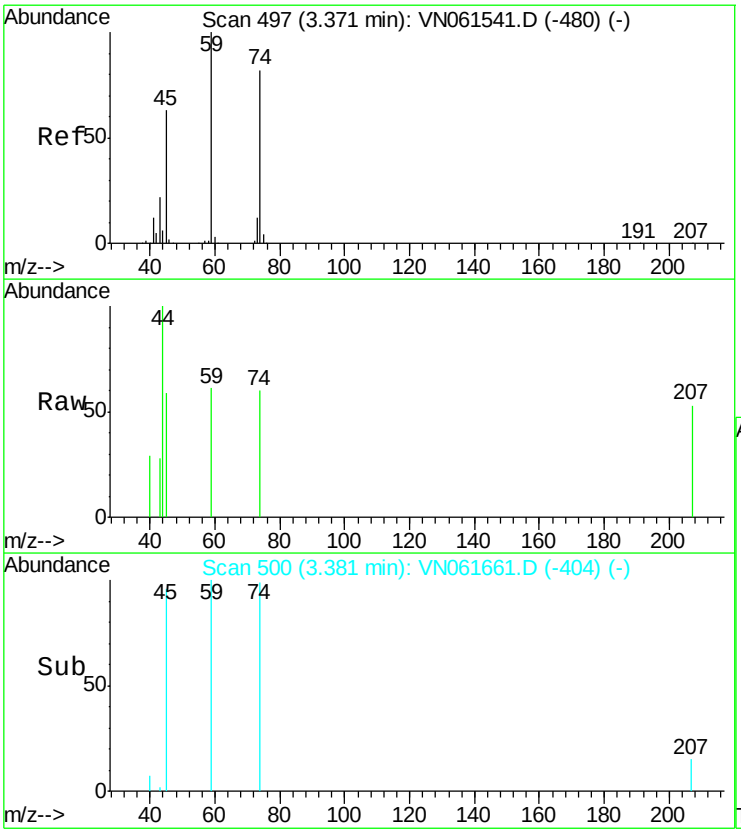
#5
Bromomethane
Concen: 0.47 ug/l
RT: 2.55 min Scan# 242
Delta R.T. 0.02 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
EB6420

Tgt Ion: 94 Resp: 1214

Ion	Ratio	Lower	Upper
94	100		
96	53.1	74.8	112.2#

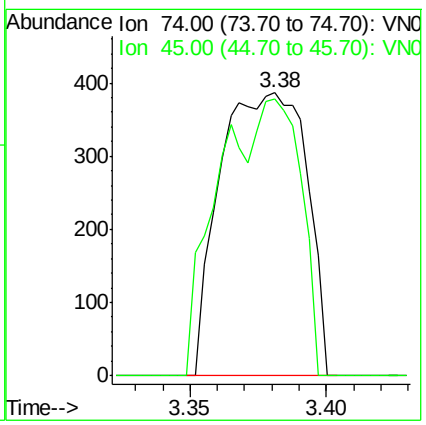


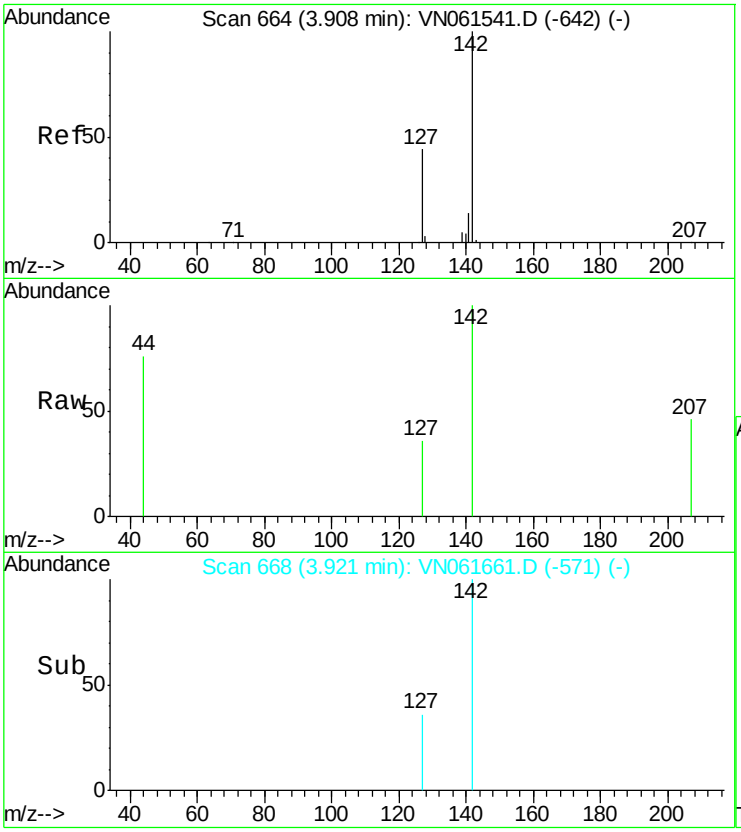


#8
Diethyl Ether
Concen: 0.48 ug/l
RT: 3.38 min Scan# 500
Delta R.T. 0.01 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Tgt Ion: 74 Resp: 850

Ion	Ratio	Lower	Upper
74	100		
45	51.2	39.9	119.7



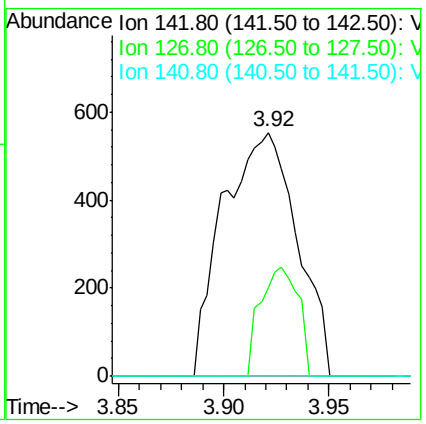


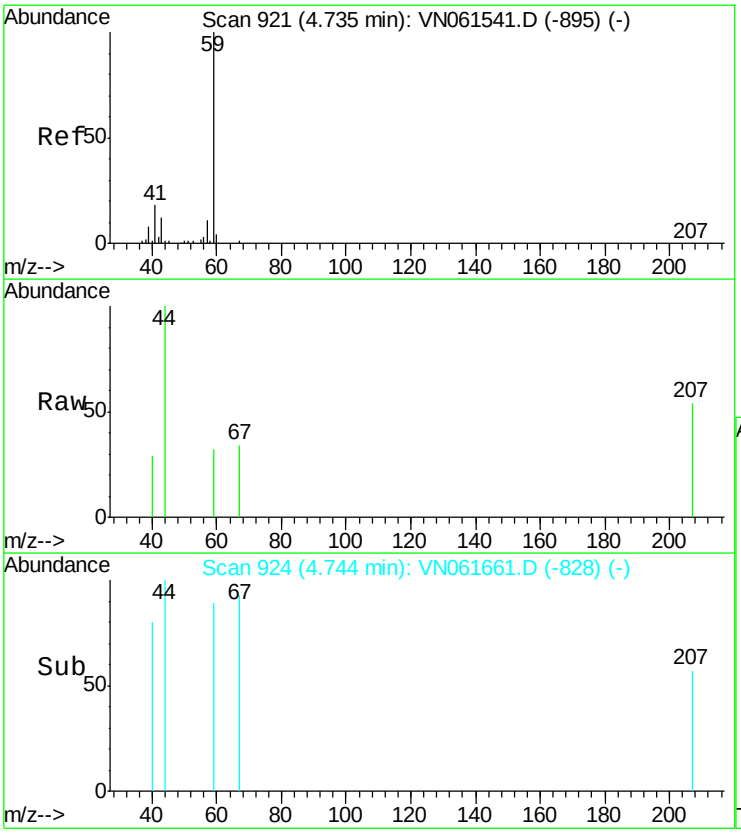
#10
Methyl Iodide
Concen: 0.38 ug/l
RT: 3.92 min Scan# 668
Delta R.T. 0.01 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Instrument : MSVOA_N
ClientSampleId : EB6420

Tgt Ion:142 Resp: 1347

Ion	Ratio	Lower	Upper
142	100		
127	22.9	35.5	53.3#
141	0.0	11.5	17.3#

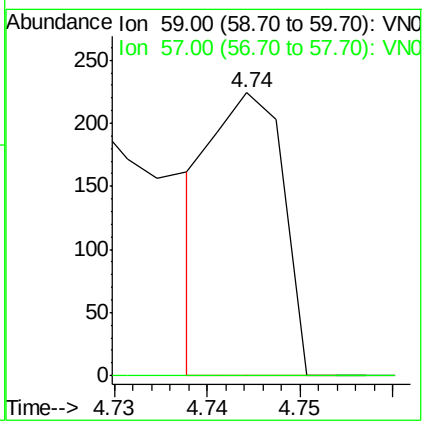


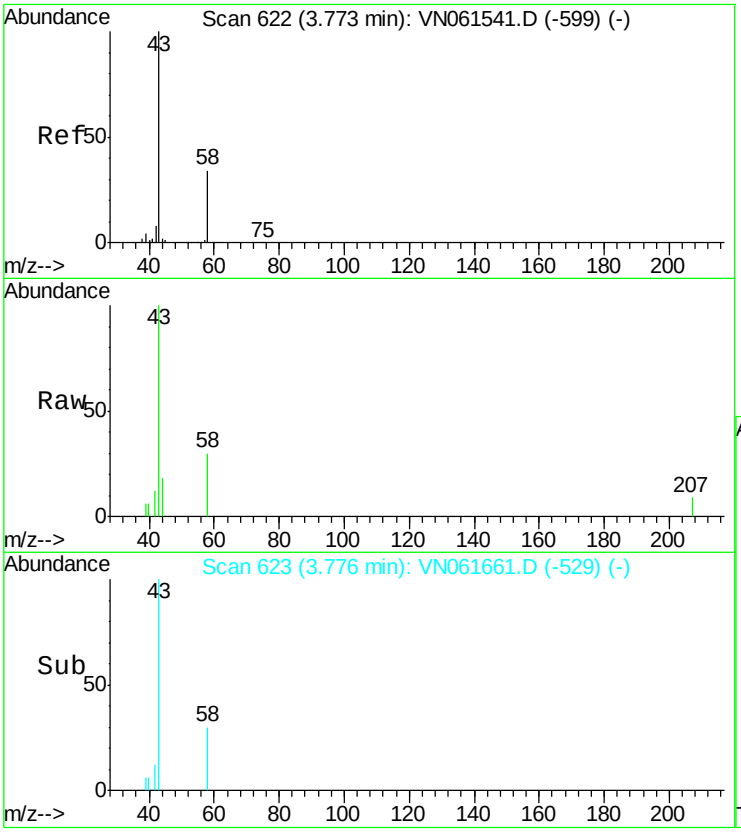


#11
Tert butyl alcohol
Concen: 0.28 ug/l
RT: 4.74 min Scan# 924
Delta R.T. 0.01 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Tgt Ion: 59 Resp: 120

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#



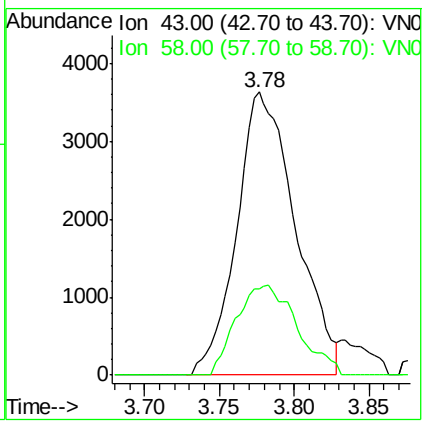


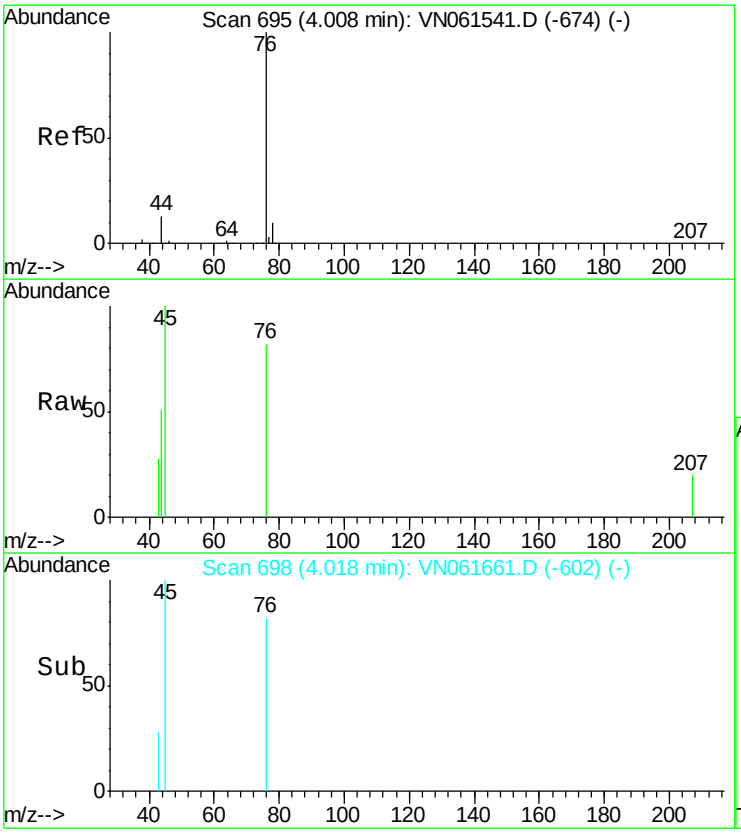
#16
Acetone
Concen: 5.15 ug/l
RT: 3.78 min Scan# 623
Delta R.T. 0.00 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
EB6420

Tgt Ion: 43 Resp: 9926

Ion	Ratio	Lower	Upper
43	100		
58	30.3	27.2	40.8

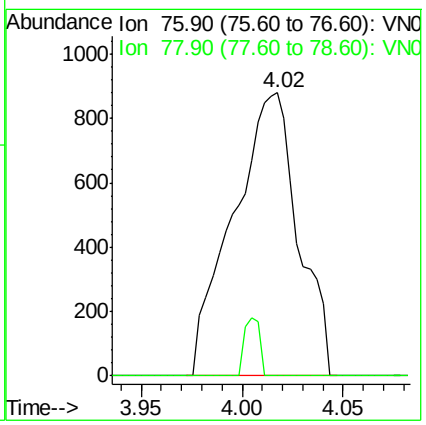


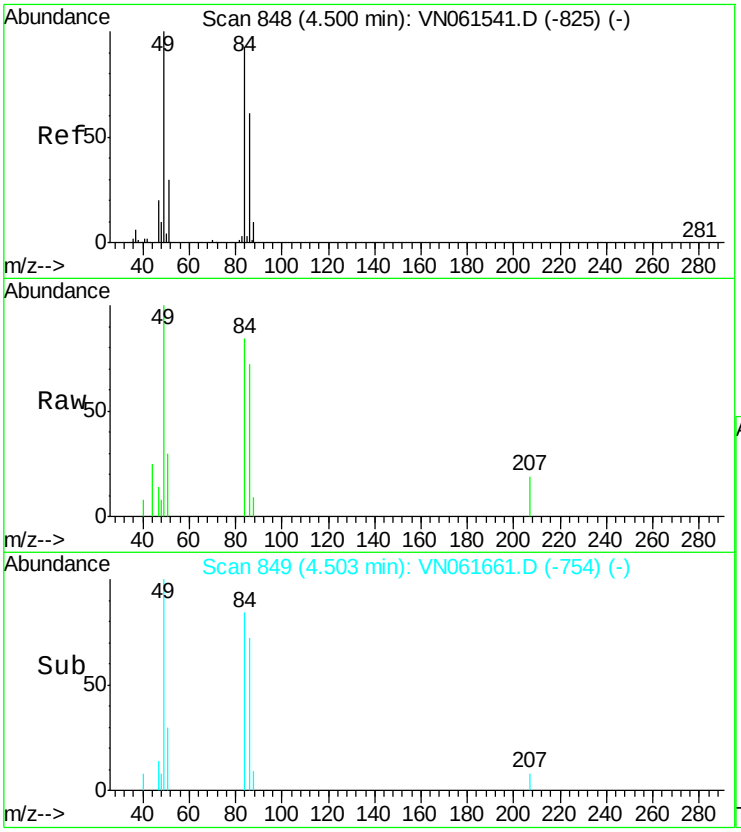


#17
Carbon Disulfide
Concen: 0.33 ug/l
RT: 4.02 min Scan# 698
Delta R.T. 0.01 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Tgt Ion: 76 Resp: 1976

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.8	11.6#



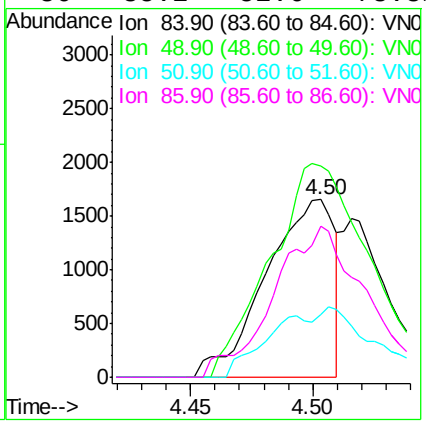


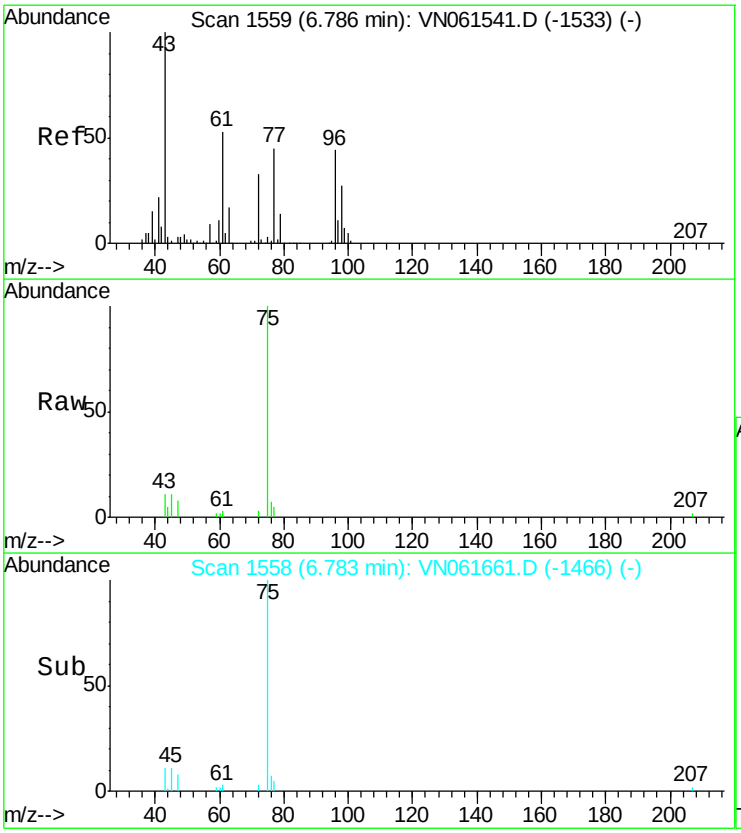
#20
Methylene Chloride
Concen: Below Cal
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
EB6420

Tgt Ion: 84 Resp: 3199

Ion	Ratio	Lower	Upper
84	100		
49	118.9	85.8	128.8
51	35.4	26.2	39.2
86	85.2	52.6	78.8#

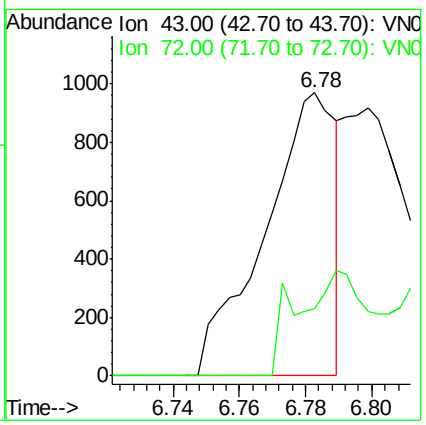


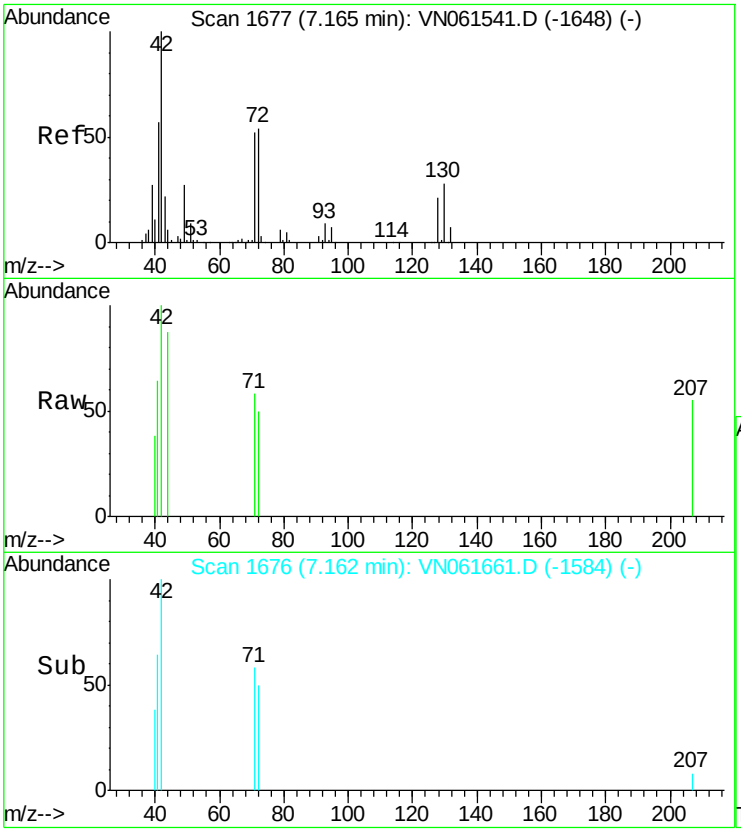


#25
2-Butanone
Concen: 0.95 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Tgt Ion: 43 Resp: 1440

Ion	Ratio	Lower	Upper
43	100		
72	23.6	26.0	39.0#



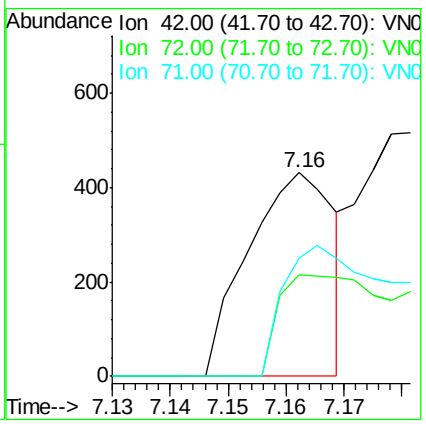


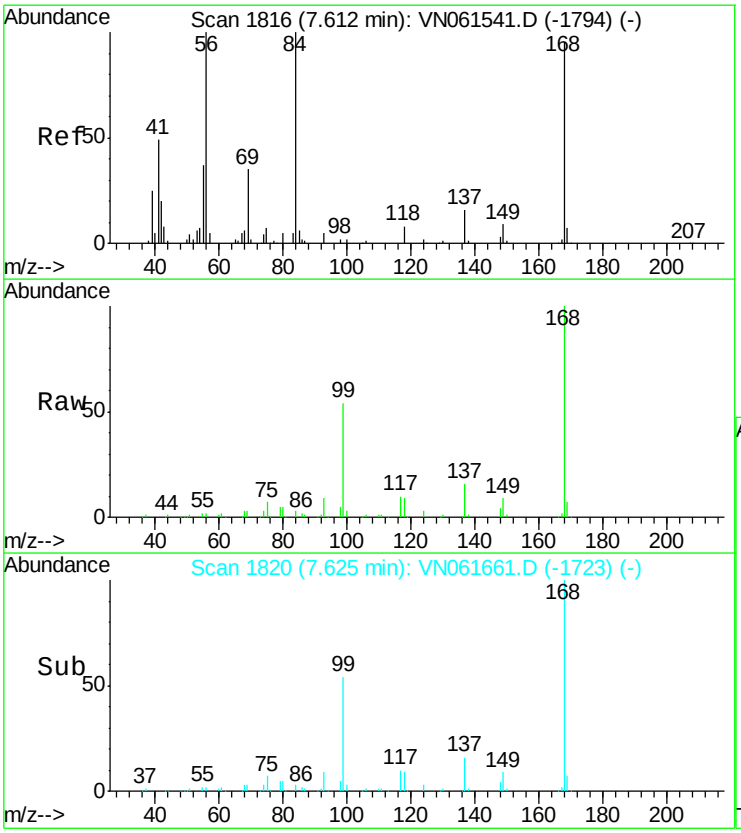
#29
Tetrahydrofuran
Concen: 0.44 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Instrument : MSVOA_N
ClientSampleId : EB6420

Tgt Ion: 42 Resp: 444

Ion	Ratio	Lower	Upper
42	100		
72	58.6	43.6	65.4
71	92.6	41.2	61.8#

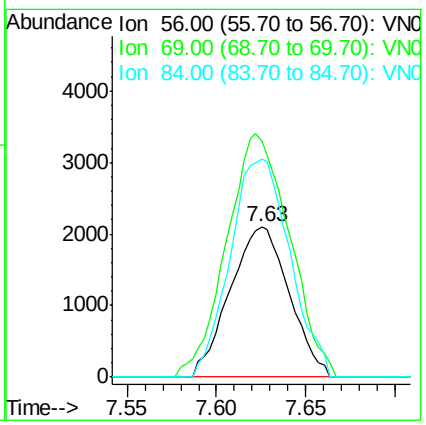


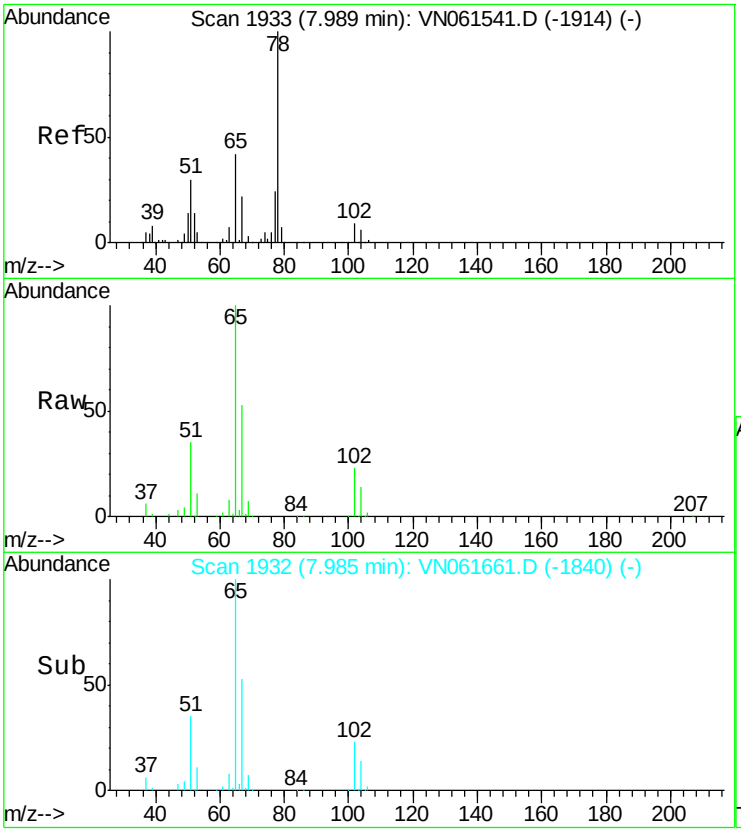


#31
Cyclohexane
Concen: 1.07 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Tgt Ion: 56 Resp: 4861

Ion	Ratio	Lower	Upper
56	100		
69	156.4	27.8	41.8#
84	144.9	79.9	119.9#



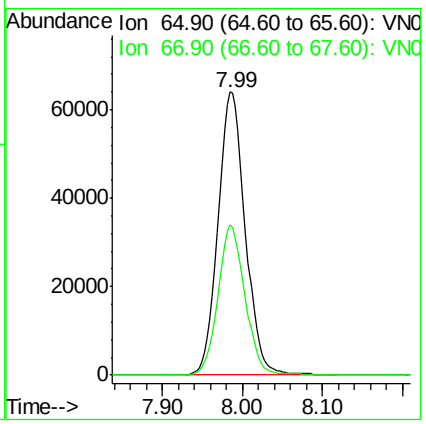


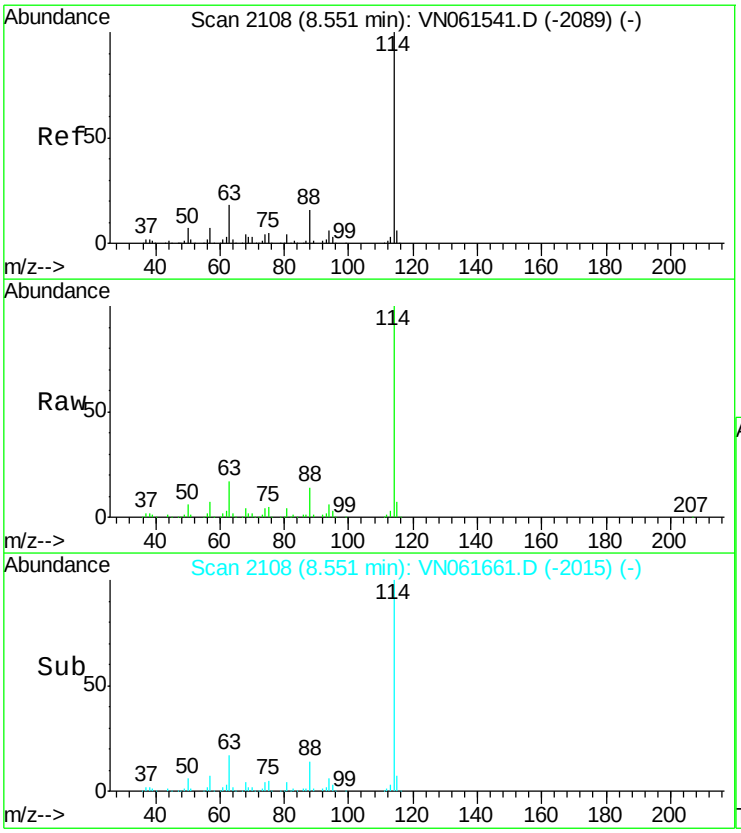
#33
1,2-Dichloroethane-d4
Concen: 46.69 ug/l
RT: 7.99 min Scan# 1932
Delta R.T. -0.00 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
EB6420

Tgt Ion: 65 Resp: 149841

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	104.8

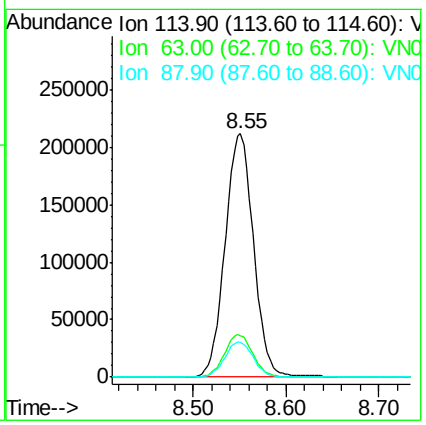


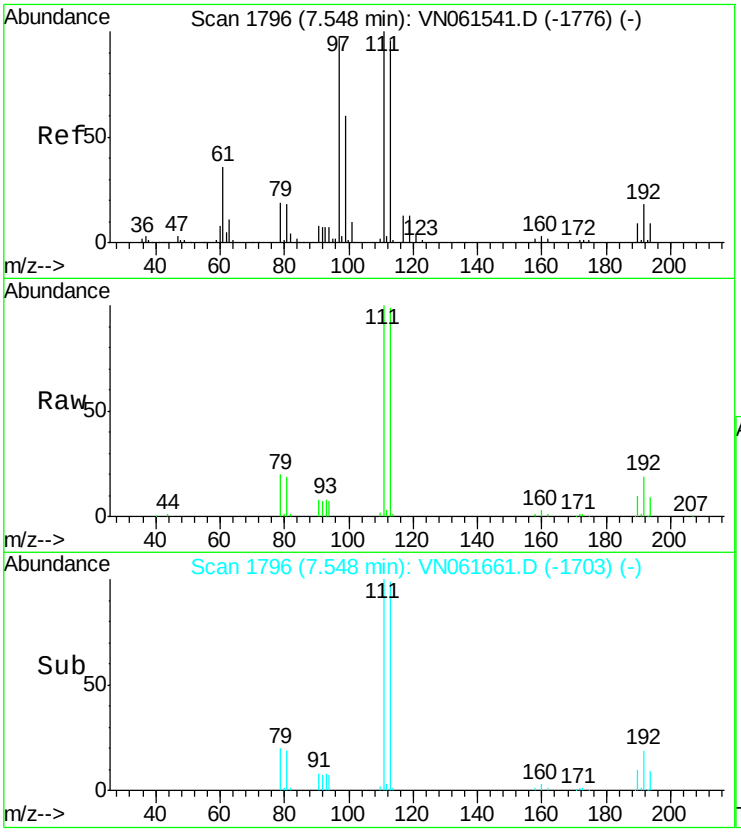


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Tgt Ion:114 Resp: 451189

Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	35.8
88	14.4	0.0	31.0



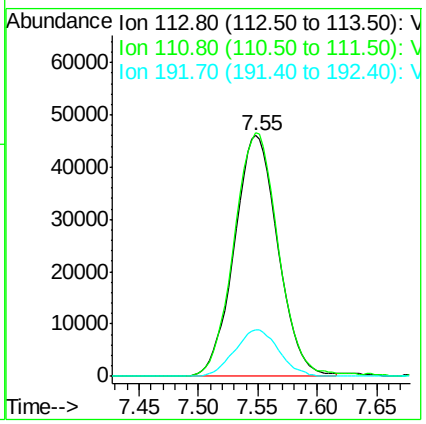


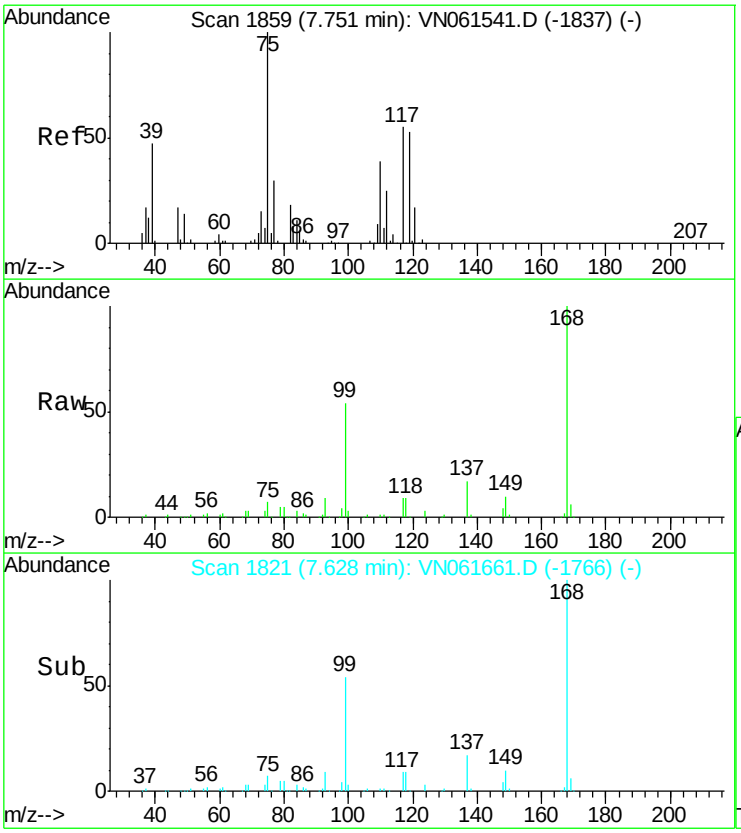
#35
Dibromofluoromethane
Concen: 51.13 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
EB6420

Tgt Ion:113 Resp: 117027

Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.4	125.0
192	19.6	15.4	23.2

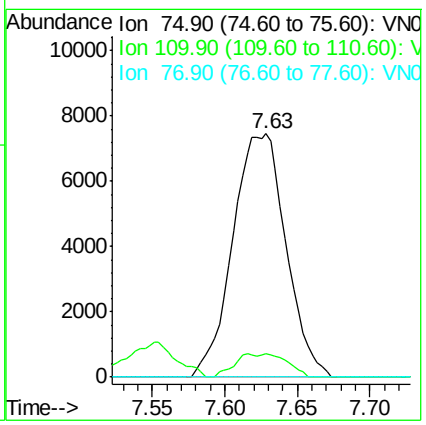


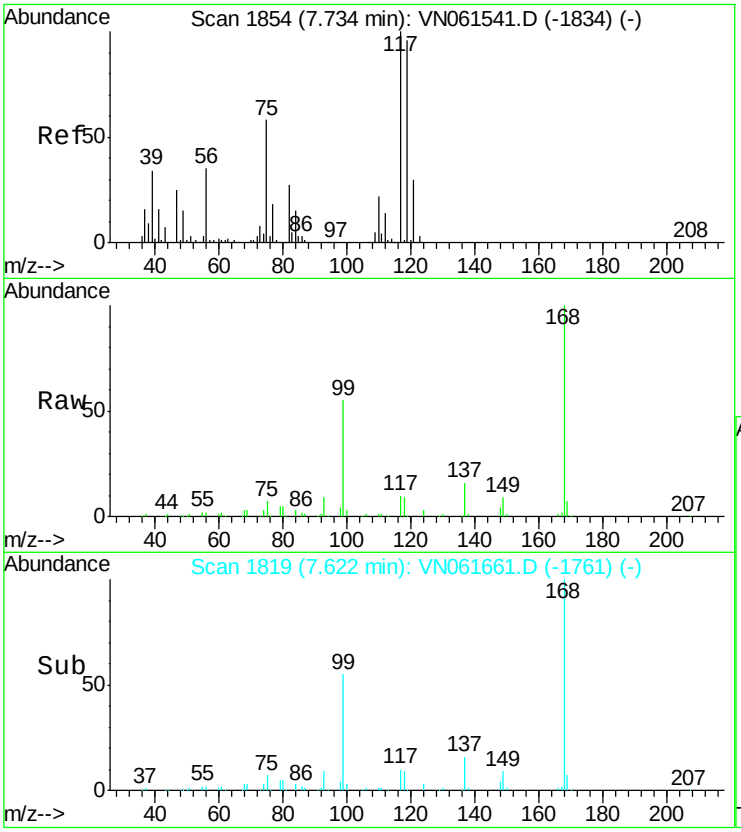


#36
1,1-Dichloropropene
Concen: 4.76 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.12 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Tgt Ion: 75 Resp: 18994

Ion	Ratio	Lower	Upper
75	100		
110	4.3	19.5	58.5#
77	0.0	24.7	37.1#



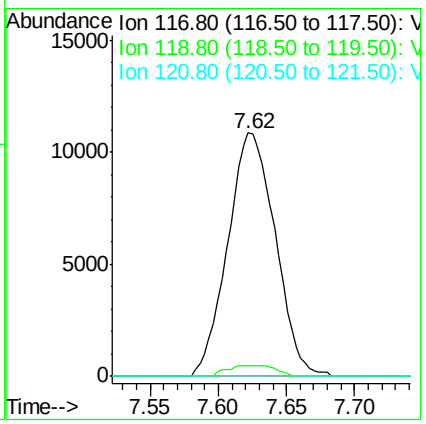


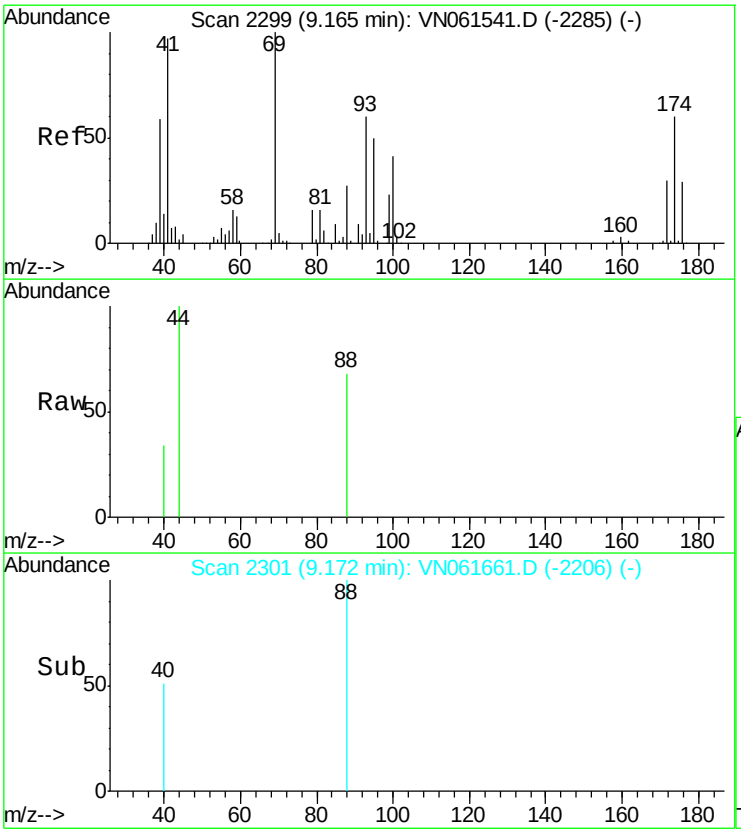
#38
Carbon Tetrachloride
Concen: 6.82 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. -0.11 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Instrument : MSVOA_N
ClientSampleId : EB6420

Tgt Ion:117 Resp: 26289

Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.5	114.7#
121	0.0	24.1	36.1#

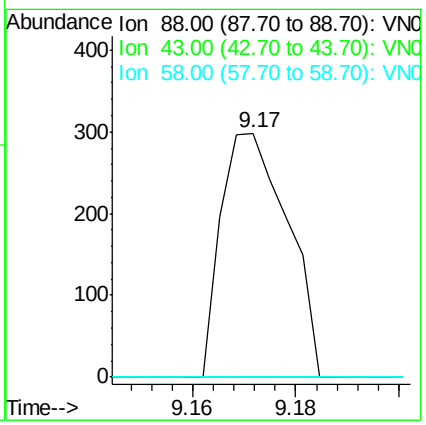


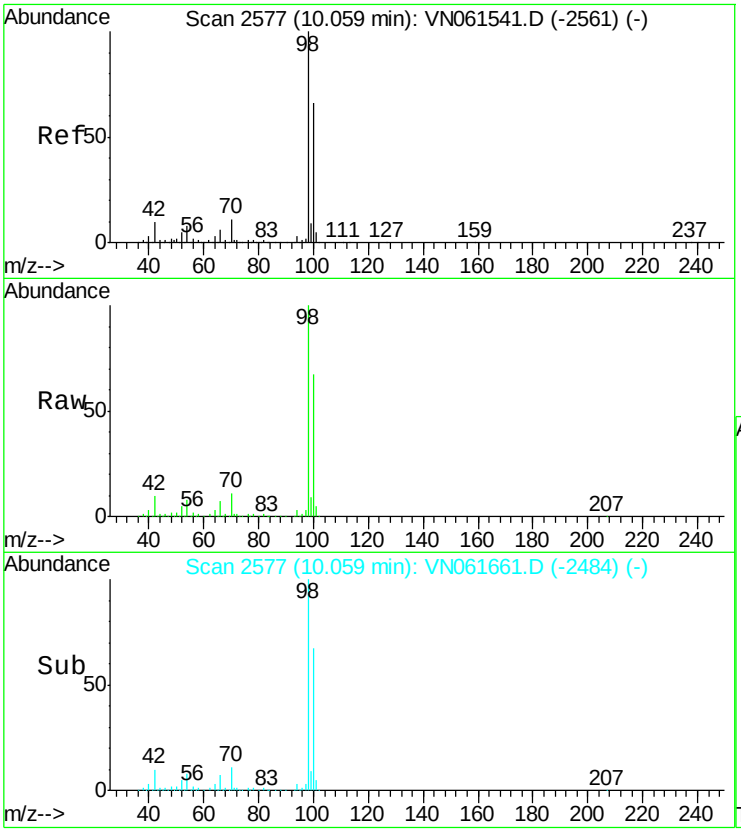


#49
1,4-Dioxane
Concen: 6.59 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. 0.01 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Tgt Ion: 88 Resp: 266

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.1	34.7#
58	0.0	48.3	72.5#



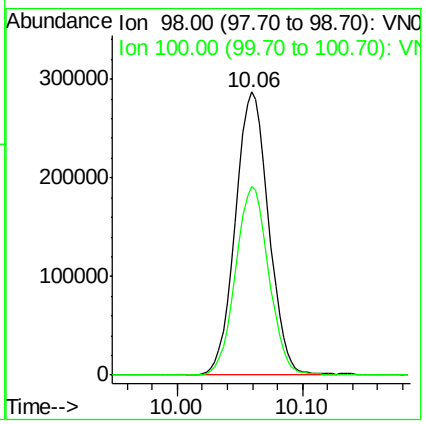


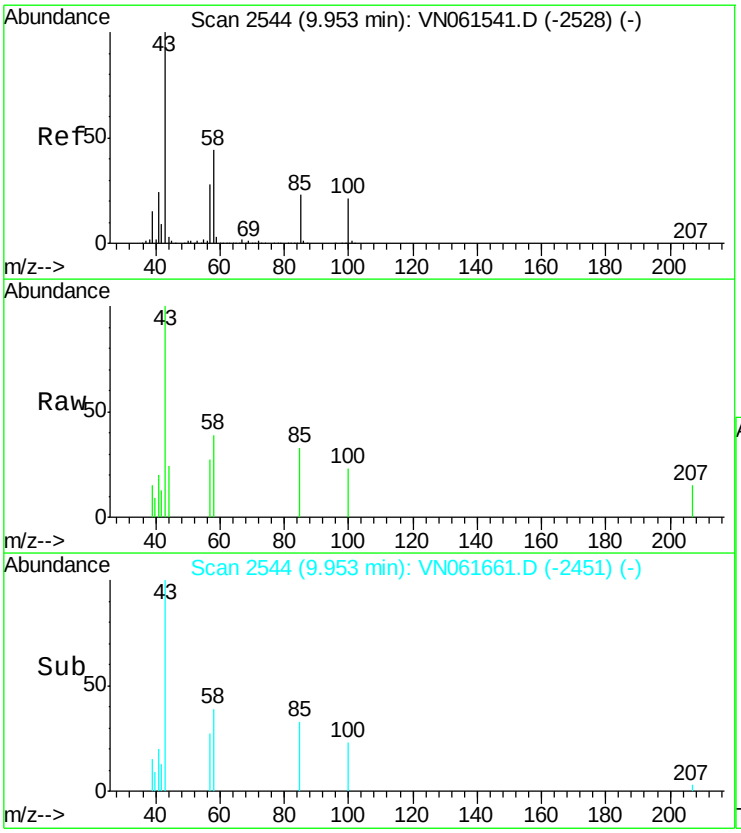
#50
Toluene-d8
Concen: 50.03 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Instrument : MSVOA_N
ClientSampleId : EB6420

Tgt Ion: 98 Resp: 530630

Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.8	79.2

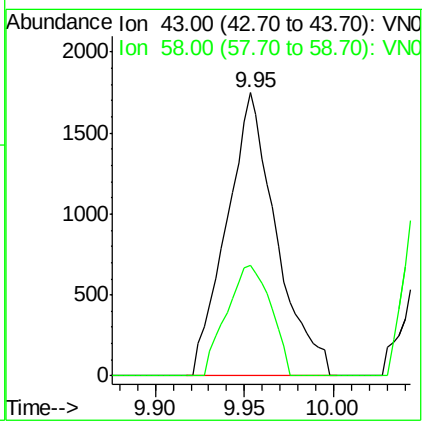


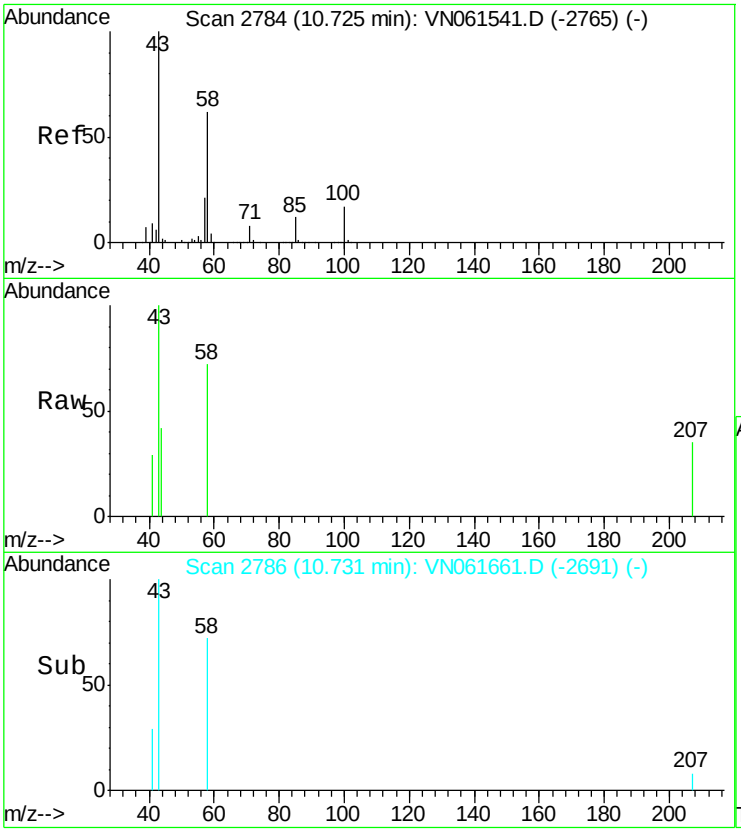


#51
4-Methyl-2-Pentanone
Concen: 1.04 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Tgt Ion: 43 Resp: 3399

Ion	Ratio	Lower	Upper
43	100		
58	34.8	35.0	52.6#



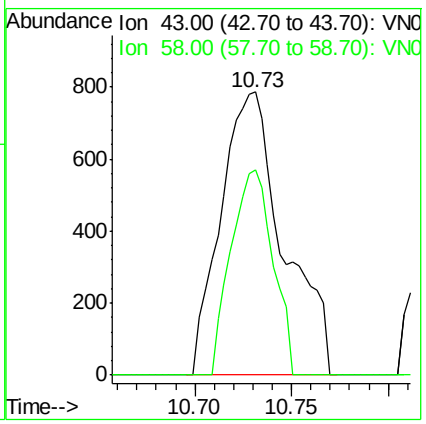


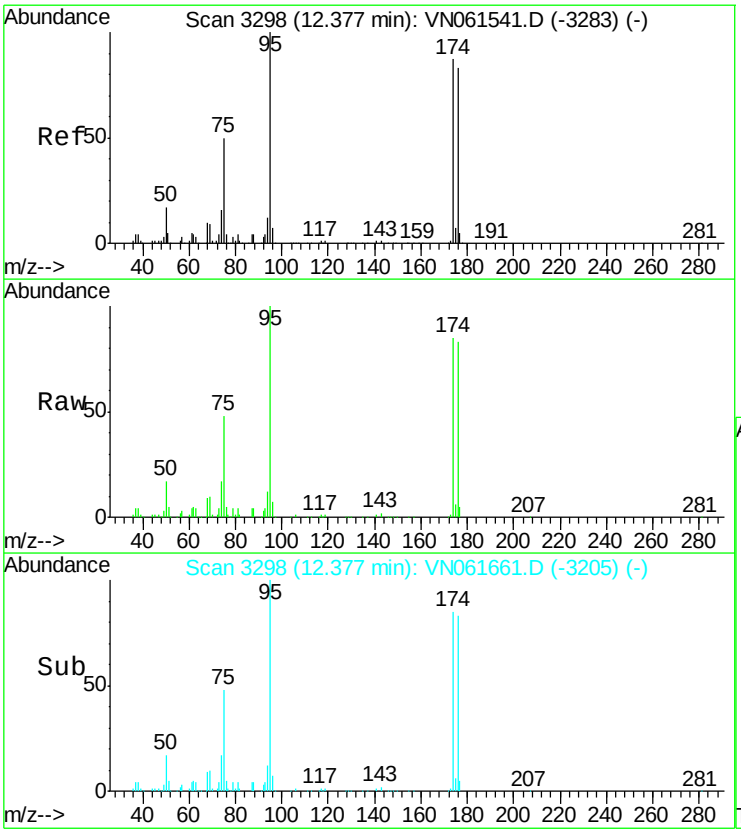
#59
2-Hexanone
Concen: 0.76 ug/l
RT: 10.73 min Scan# 2786
Delta R.T. 0.01 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Instrument : MSVOA_N
ClientSampleId : EB6420

Tgt Ion: 43 Resp: 1778

Ion	Ratio	Lower	Upper
43	100		
58	48.4	30.7	92.1

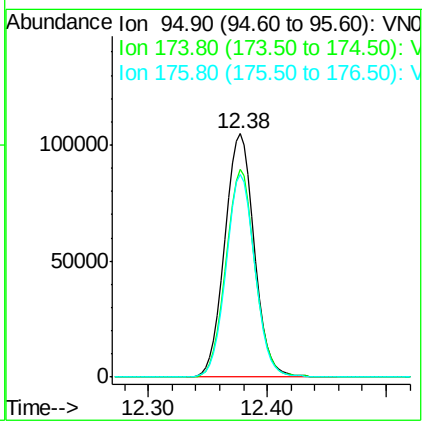


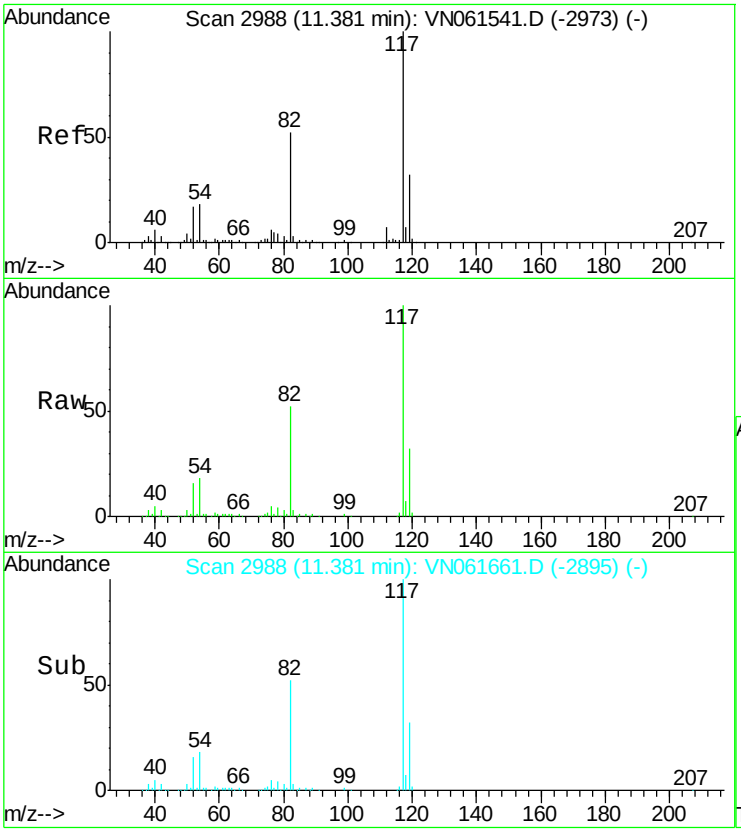


#62
4-Bromofluorobenzene
Concen: 46.71 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Tgt Ion: 95 Resp: 180753

Ion	Ratio	Lower	Upper
95	100		
174	84.1	0.0	172.8
176	81.6	0.0	164.8



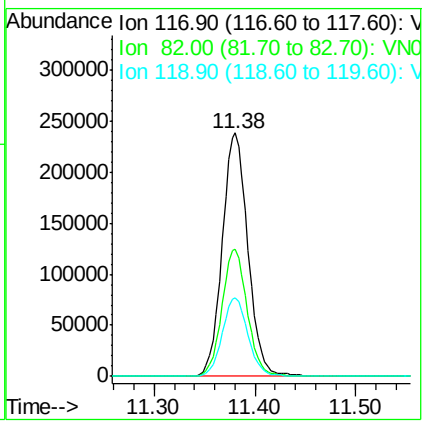


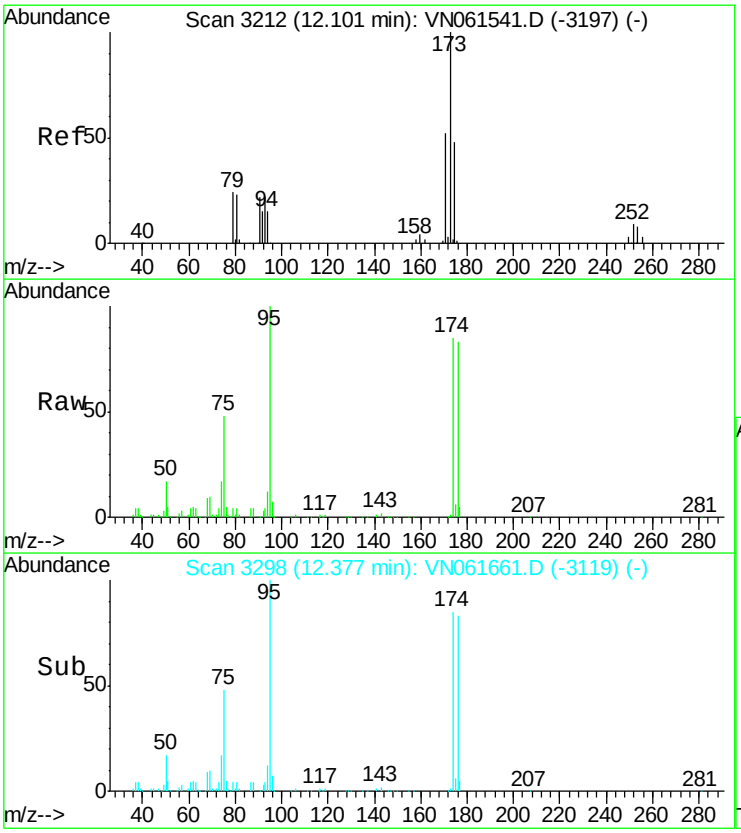
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Instrument : MSVOA_N
ClientSampleId : EB6420

Tgt Ion:117 Resp: 423588

Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.5	62.3
119	32.2	25.6	38.4

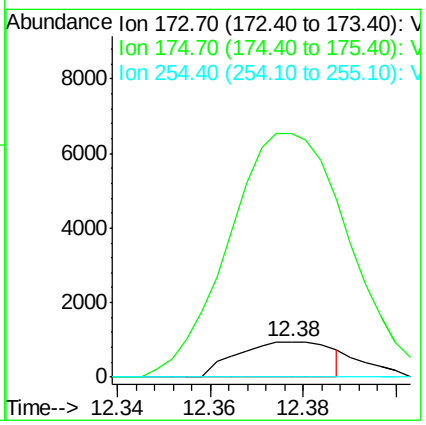


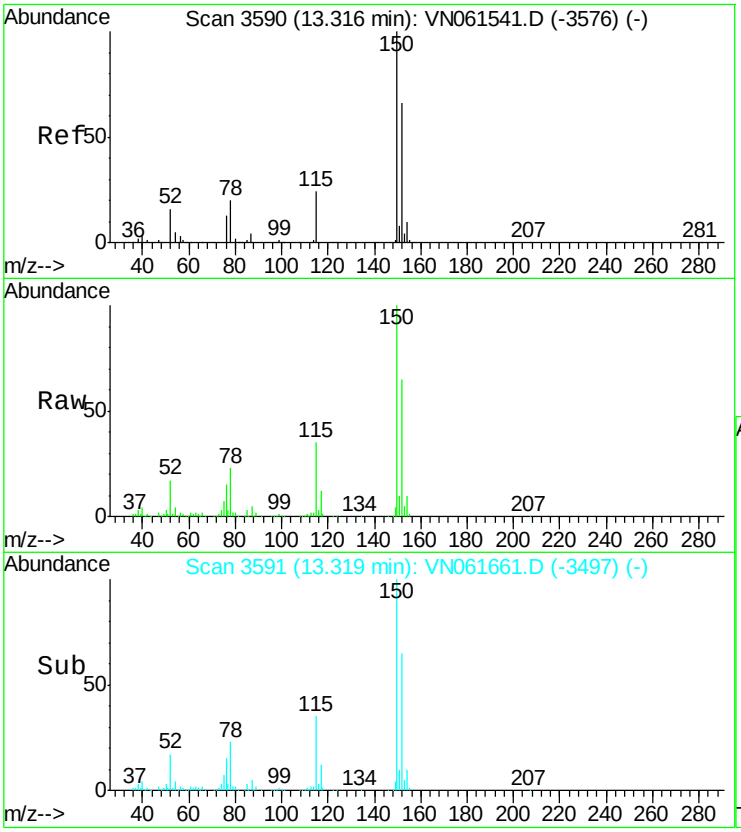


#71
Bromoform
Concen: 0.53 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.28 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Tgt Ion:173 Resp: 1342

Ion	Ratio	Lower	Upper
173	100		
175	738.9	24.4	73.2#
254	0.0	0.0	0.0



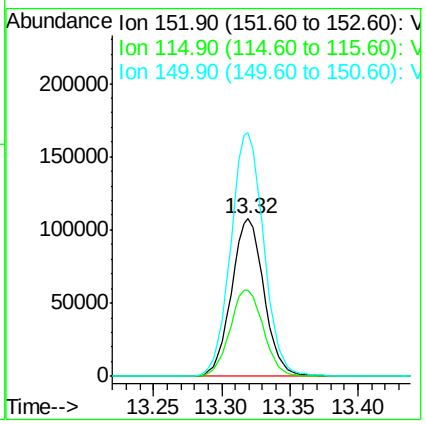


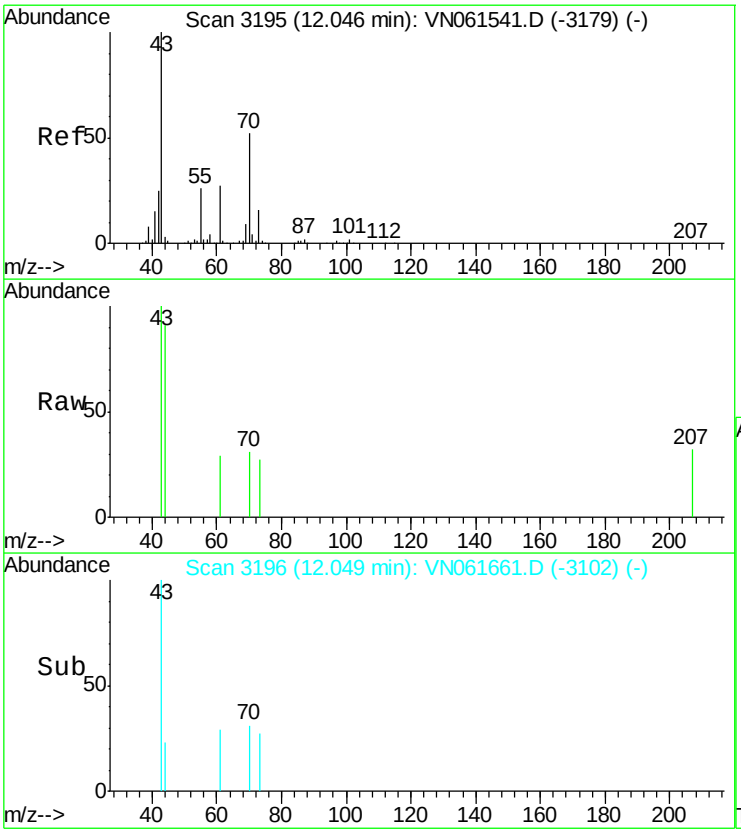
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Instrument : MSVOA_N
ClientSampleId : EB6420

Tgt Ion:152 Resp: 177787

Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.0	84.0
150	156.9	0.0	344.0

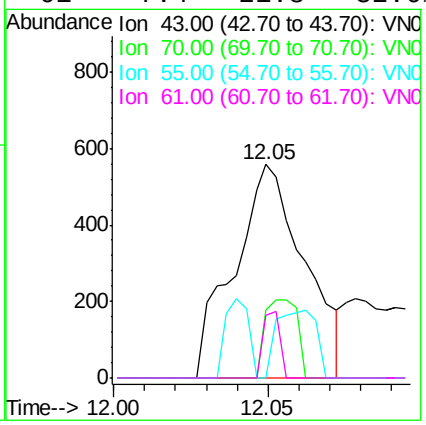


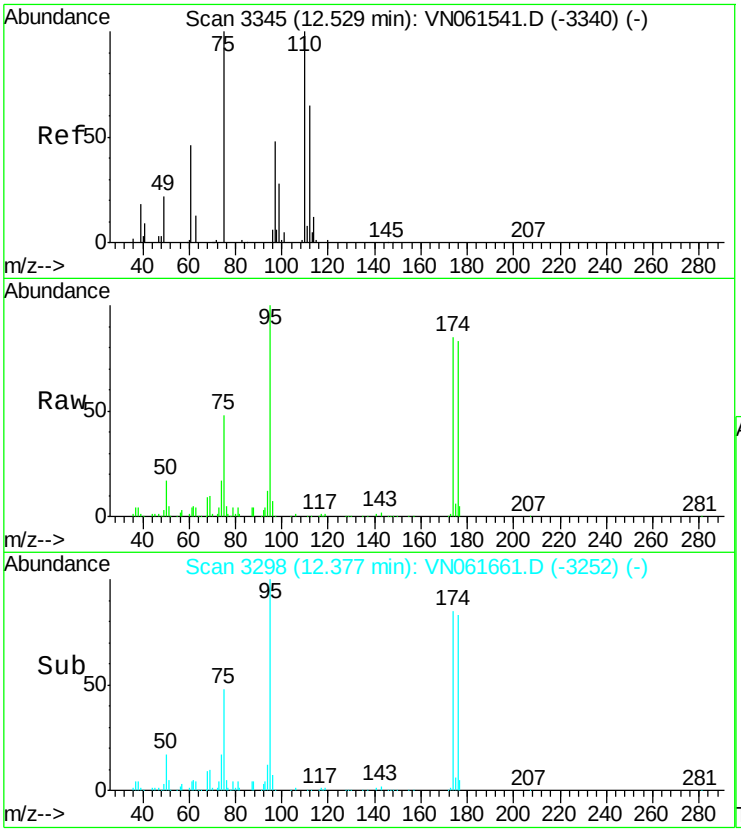


#74
N-amyl acetate
Concen: 0.22 ug/l
RT: 12.05 min Scan# 3196
Delta R.T. 0.00 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Tgt Ion: 43 Resp: 883

Ion	Ratio	Lower	Upper
43	100		
70	16.8	40.5	60.7#
55	12.1	20.6	31.0#
61	7.4	21.8	32.6#



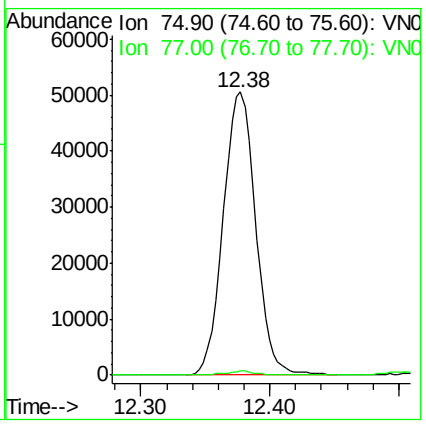


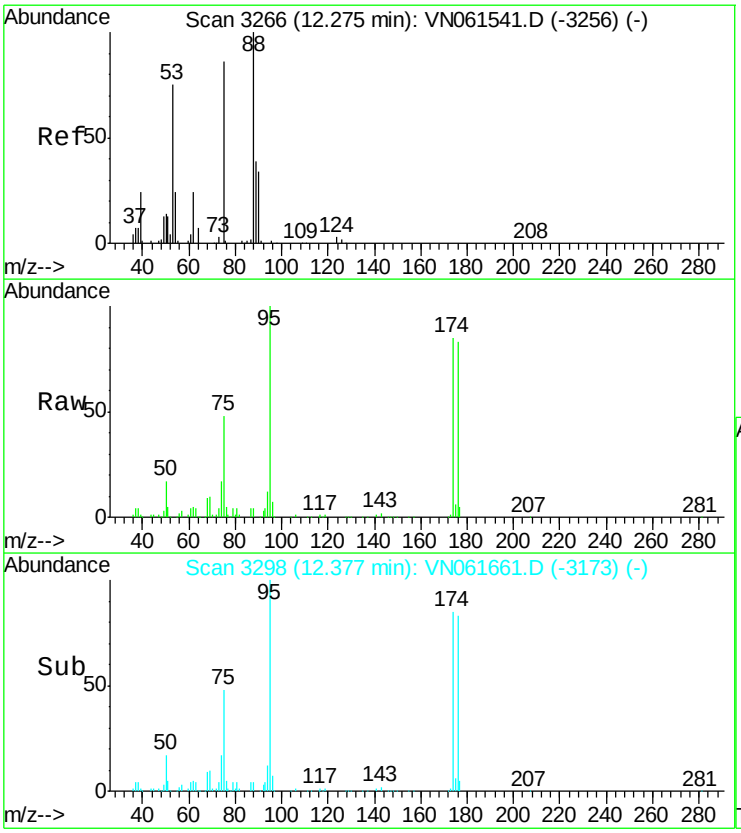
#76
1,2,3-Trichloropropane
Concen: 27.29 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.15 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
EB6420

Tgt Ion: 75 Resp: 88230

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

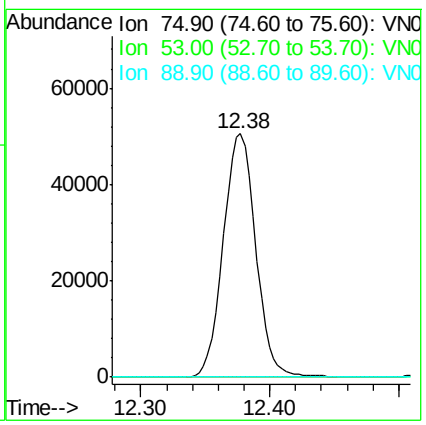


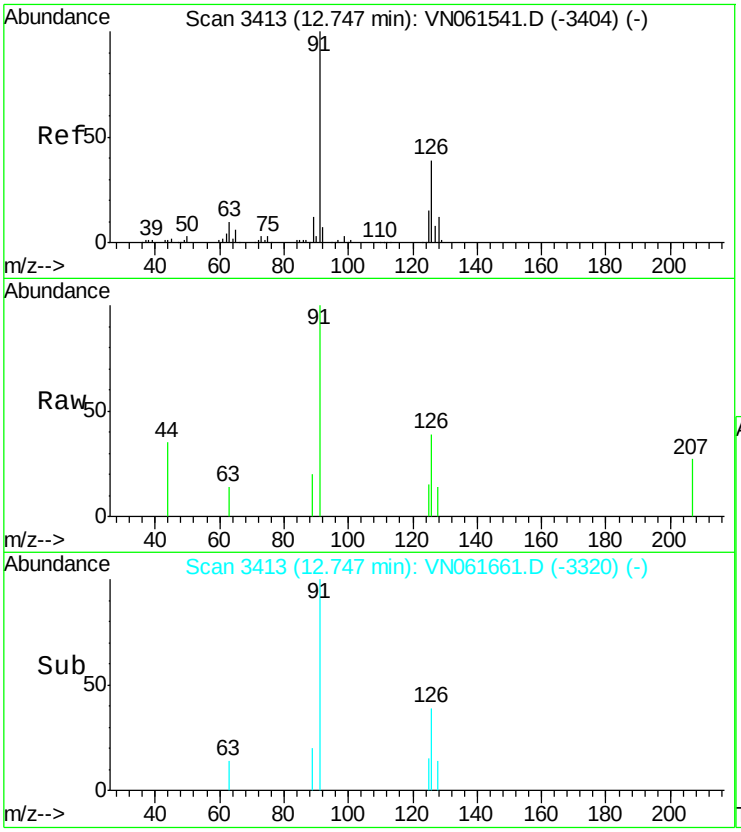


#81
trans-1,4-Dichloro-2-butene
Concen: 69.79 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.10 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Tgt Ion: 75 Resp: 88230

Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.8	101.8#
89	0.0	37.1	55.7#



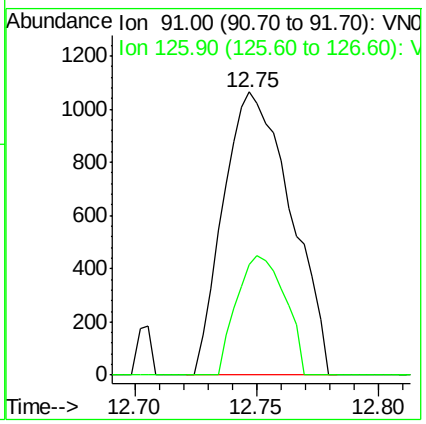


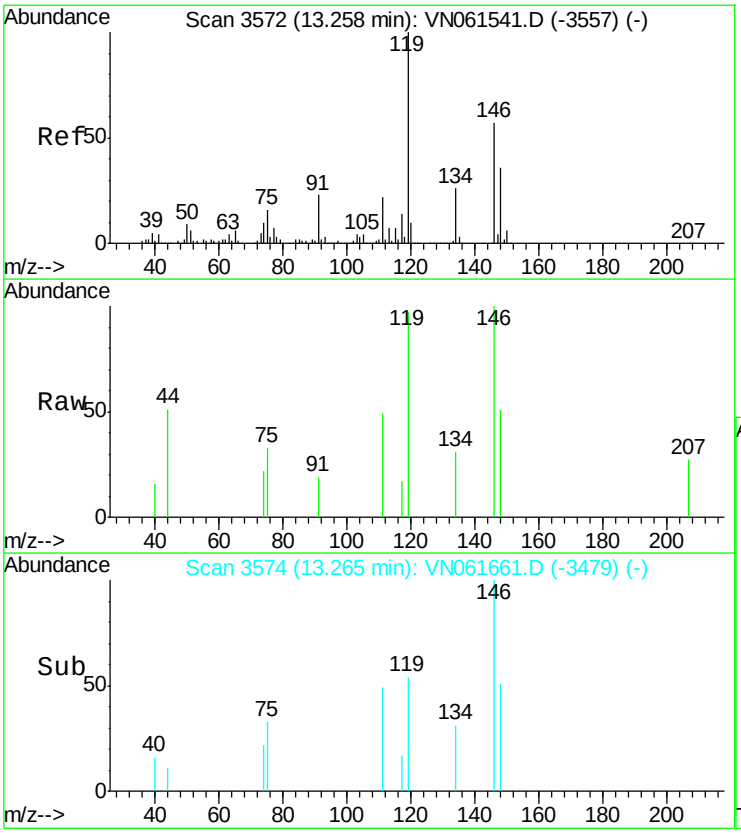
#82
4-Chlorotoluene
Concen: 0.22 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
EB6420

Tgt Ion: 91 Resp: 2044

Ion	Ratio	Lower	Upper
91	100		
126	30.2	17.5	52.6

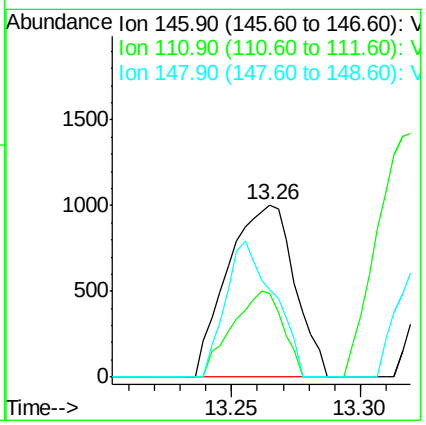


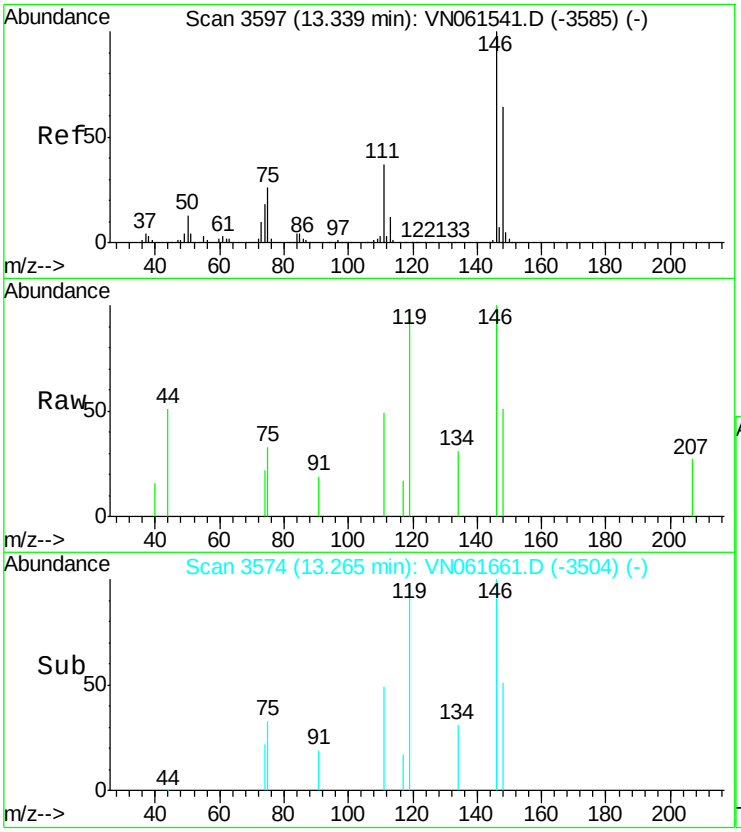


#87
1,3-Dichlorobenzene
Concen: 0.31 ug/l
RT: 13.26 min Scan# 3574
Delta R.T. 0.01 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Tgt Ion:146 Resp: 1811

Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.2	57.6
148	56.8	31.7	95.1



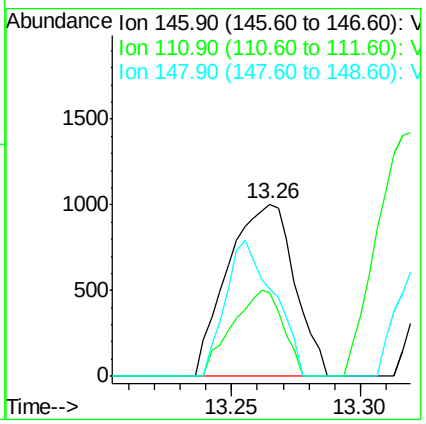


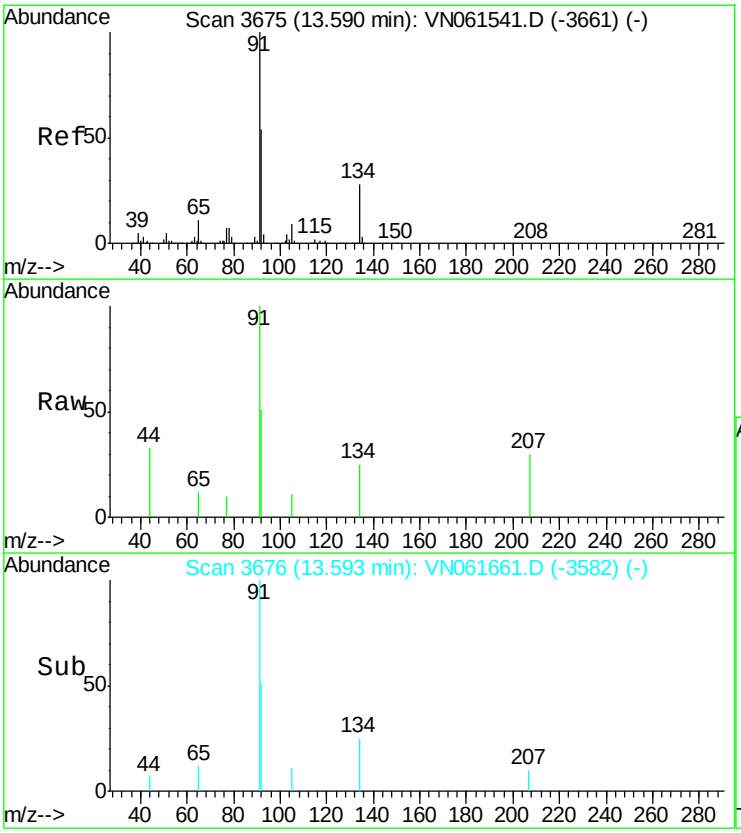
#88
1,4-Dichlorobenzene
Concen: 0.30 ug/l
RT: 13.26 min Scan# 3574
Delta R.T. -0.07 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Instrument : MSVOA_N
ClientSampleId : EB6420

Tgt Ion:146 Resp: 1811

Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.9
148	56.8	31.8	95.3

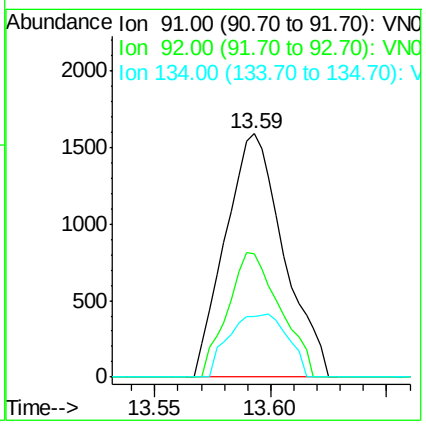


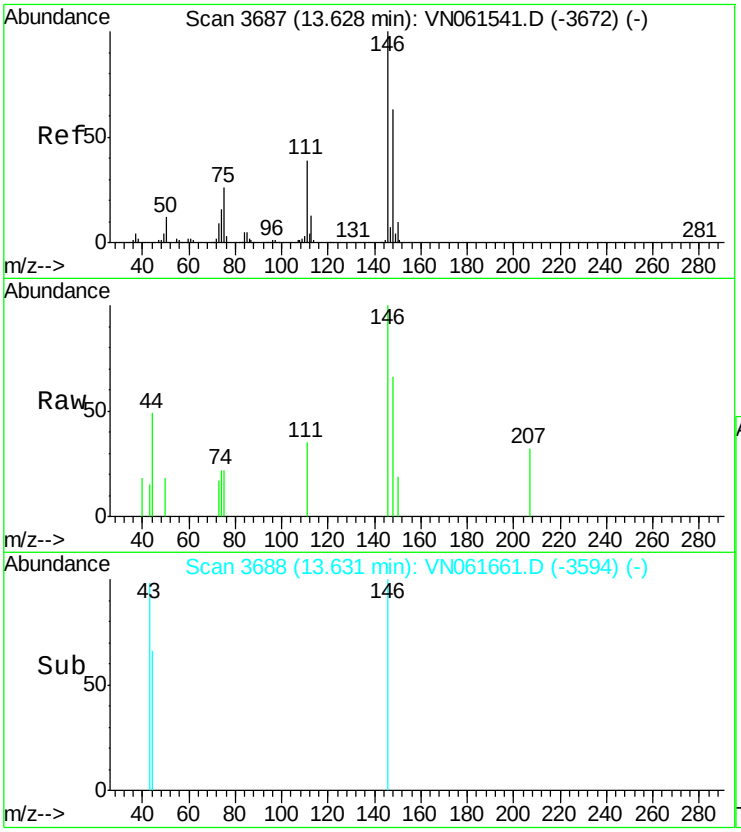


#89
n-Butylbenzene
Concen: 0.29 ug/l
RT: 13.59 min Scan# 3676
Delta R.T. 0.00 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Tgt Ion: 91 Resp: 2775

Ion	Ratio	Lower	Upper
91	100		
92	45.8	27.2	81.6
134	25.9	14.0	42.0



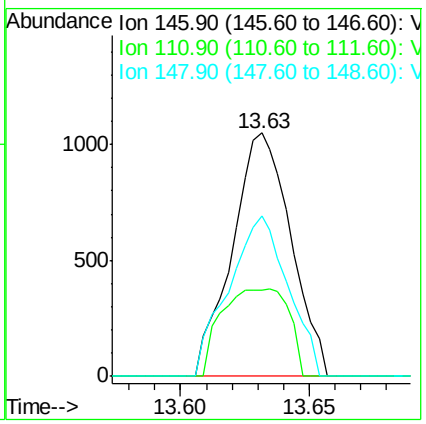


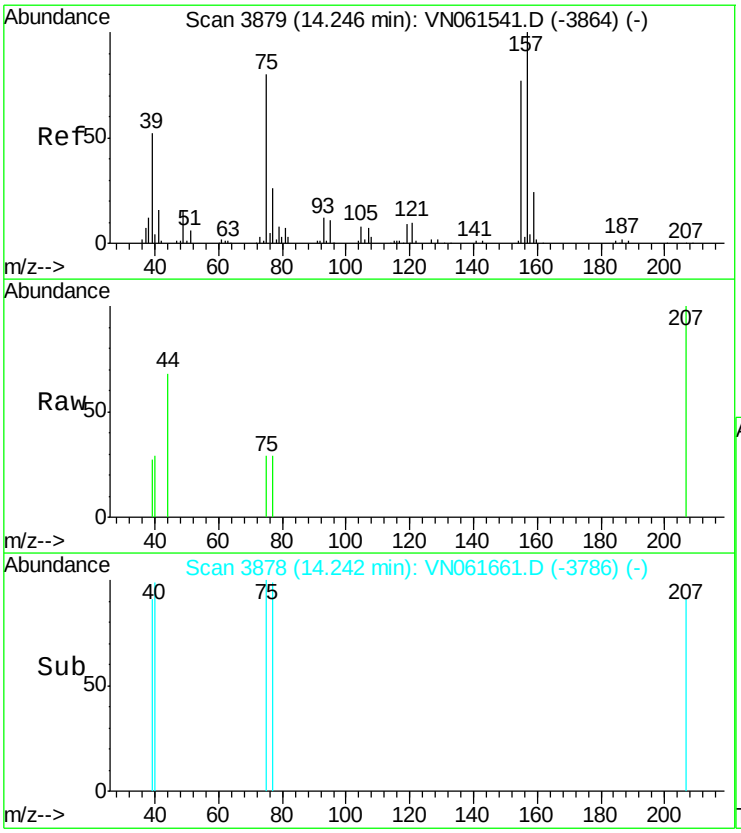
#91
1,2-Dichlorobenzene
Concen: 0.30 ug/l
RT: 13.63 min Scan# 3688
Delta R.T. 0.00 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Instrument : MSVOA_N
ClientSampleId : EB6420

Tgt Ion:146 Resp: 1666

Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.1	60.2
148	66.4	31.9	95.5

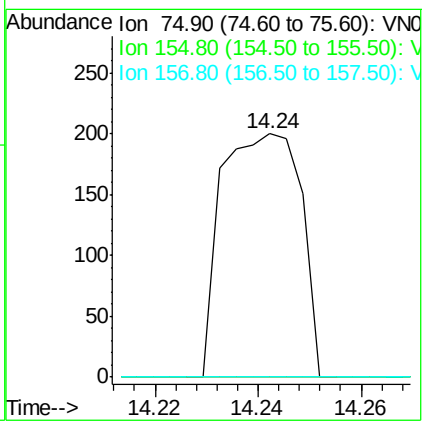


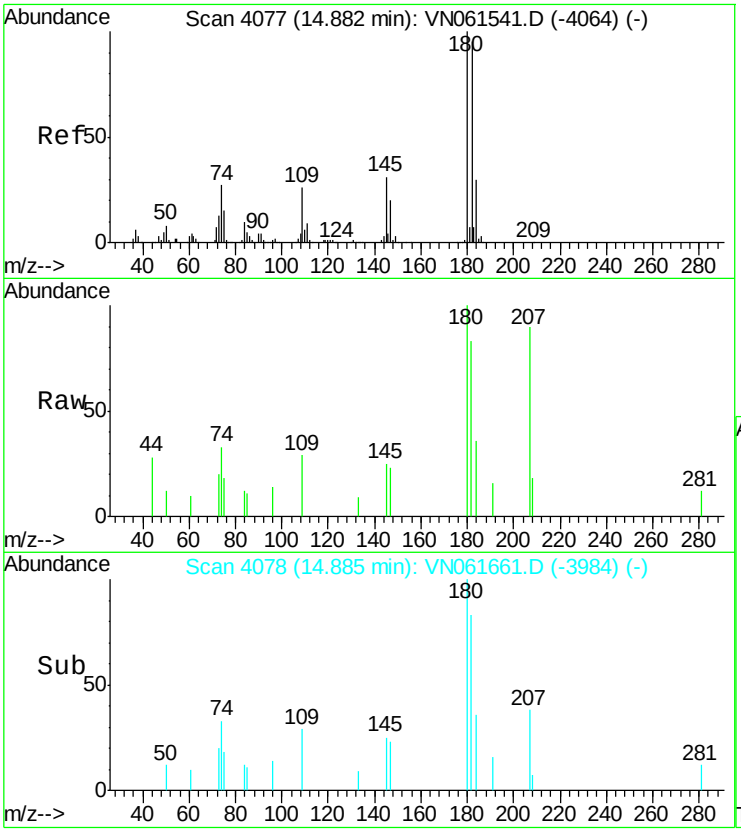


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.29 ug/l
RT: 14.24 min Scan# 3878
Delta R.T. -0.00 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Tgt Ion: 75 Resp: 212

Ion	Ratio	Lower	Upper
75	100		
155	0.0	47.1	141.4#
157	0.0	60.3	180.8#



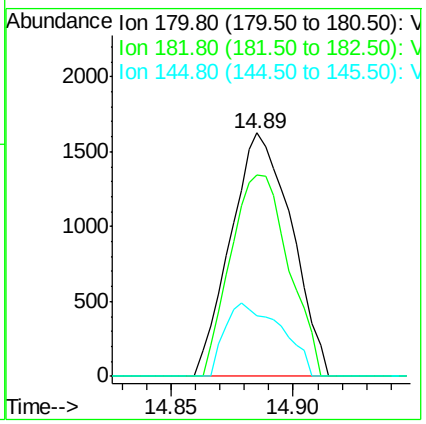


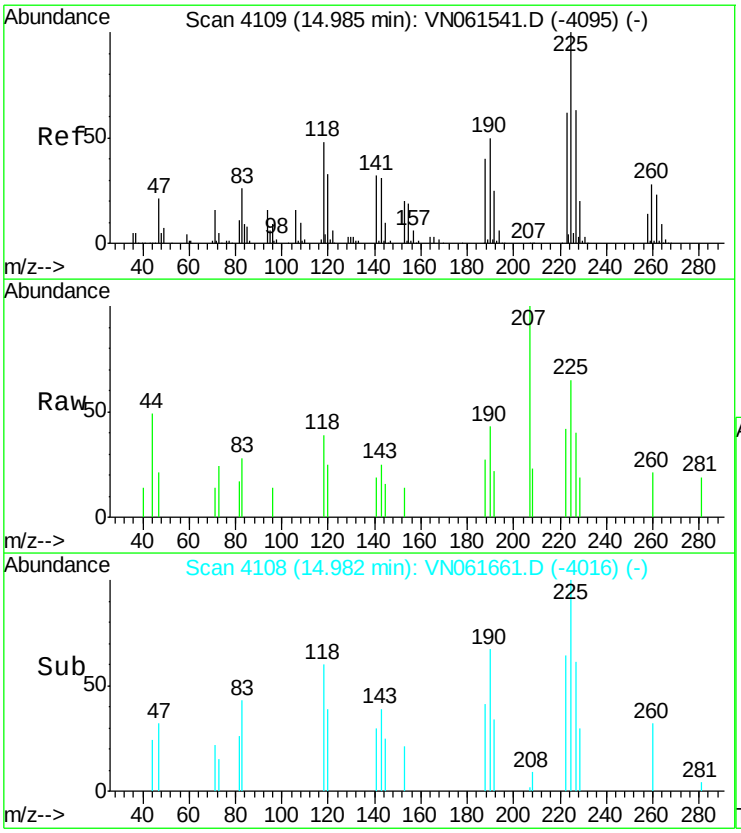
#93
1,2,4-Trichlorobenzene
Concen: 0.86 ug/l
RT: 14.89 min Scan# 4078
Delta R.T. 0.00 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
EB6420

Tgt Ion:180 Resp: 2811

Ion	Ratio	Lower	Upper
180	100		
182	79.2	47.8	143.3
145	28.1	15.5	46.5

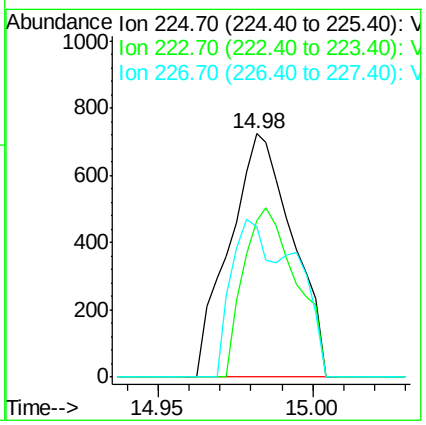


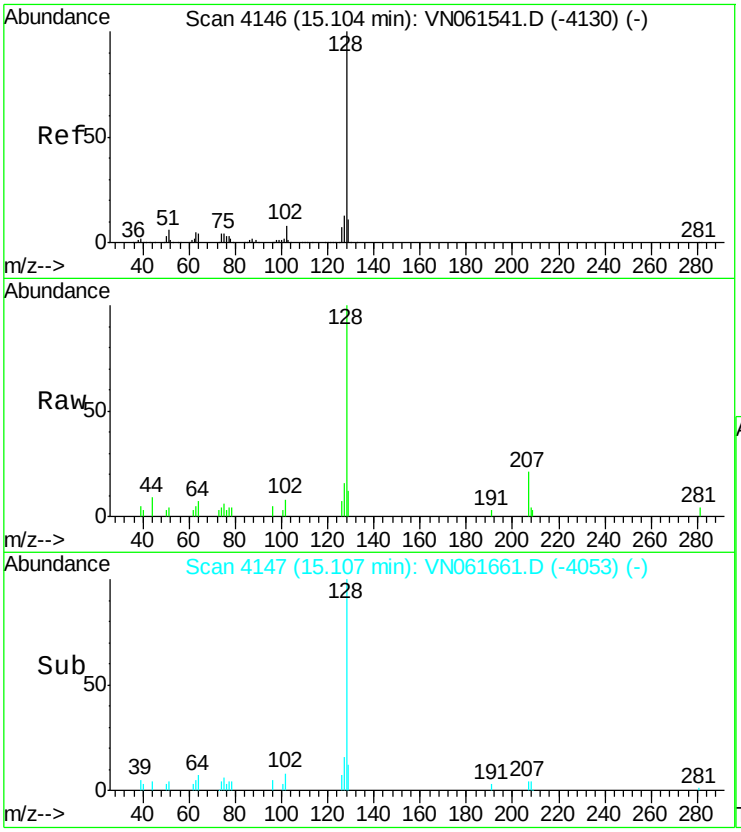


#94
Hexachlorobutadiene
Concen: 0.74 ug/l
RT: 14.98 min Scan# 4108
Delta R.T. -0.00 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Tgt Ion:225 Resp: 1030

Ion	Ratio	Lower	Upper
225	100		
223	57.9	31.9	95.5
227	41.7	31.9	95.9



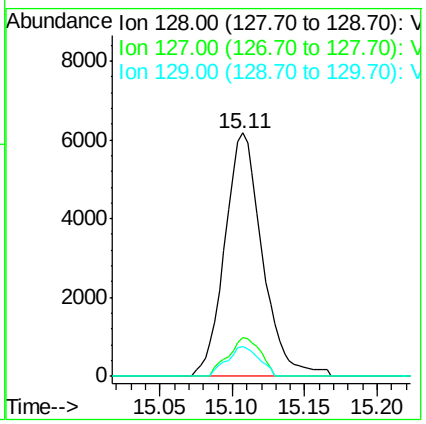


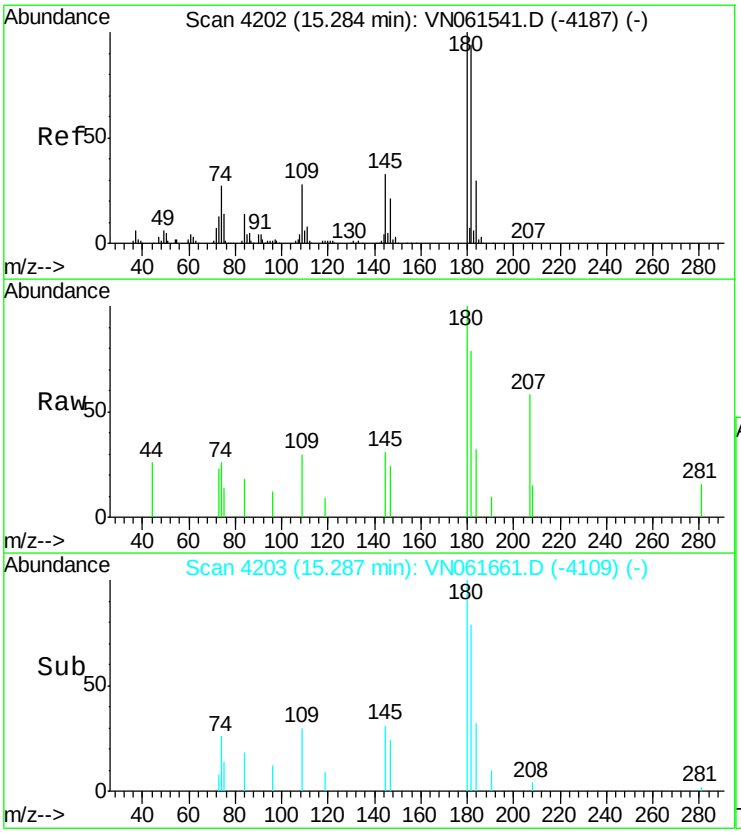
#95
Naphthalene
Concen: 1.11 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
EB6420

Tgt Ion:128 Resp: 11111

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.0	15.0
129	10.4	8.5	12.7





#96
1,2,3-Trichlorobenzene
Concen: 0.94 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061661.D
Acq: 5 Jun 2020 12:00

Tgt Ion:180 Resp: 3029

Ion	Ratio	Lower	Upper
180	100		
182	90.8	47.1	141.3
145	28.3	16.3	48.9