Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN033120\
Data File : VN060781.D
Acq On : 31 Mar 2020 13:26
Operator : JC/MD
Sample : PB127899TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Apr 01 08:22:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	177827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	293078	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	268390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	113239	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	113410	46.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.92%			
35) Dibromofluoromethane	7.56	113	86092	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.16%			
50) Toluene-d8	10.08	98	356760	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.58%			
62) 4-Bromofluorobenzene	12.40	95	128954	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.22%			
Target Compounds						Qvalue
3) Chloromethane	2.04	50	702	0.218	ug/l #	82
16) Acetone	3.78	43	5236	6.055	ug/l	96
17) Carbon Disulfide	4.03	76	1454	0.248	ug/l #	75
20) Methylene Chloride	4.52	84	4390	2.064	ug/l	96
25) 2-Butanone	6.80	43	2722	1.945	ug/l	95
29) Tetrahydrofuran	7.18	42	1151	1.163	ug/l #	59
31) Cyclohexane	7.64	56	3861	0.982	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	13913	4.903	ug/l #	50
37) Ethyl Acetate	6.80	43	2722	0.888	ug/l #	70
38) Carbon Tetrachloride	7.64	117	17176	6.753	ug/l #	16
41) Methacrylonitrile	7.17	41	362	0.277	ug/l #	100
51) 4-Methyl-2-Pentanone	9.97	43	1798	0.625	ug/l #	76
59) 2-Hexanone	10.74	43	1419	0.685	ug/l	81
71) Bromoform	12.39	173	369	1.903	ug/l #	1
74) N-amyl acetate	12.07	43	988	0.252	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	64052	26.214	ug/l #	100
79) 2-Chlorotoluene	12.77	91	1344	0.224	ug/l	78
81) trans-1,4-Dichloro-2-buten	12.40	75	64052	67.324	ug/l #	13
82) 4-Chlorotoluene	12.77	91	1344	0.220	ug/l	79
87) 1,3-Dichlorobenzene	13.28	146	876	0.243	ug/l	99
88) 1,4-Dichlorobenzene	13.28	146	876	0.241	ug/l	98
89) n-Butylbenzene	13.61	91	1970	0.302	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	841	0.244	ug/l	87
92) 1,2-Dibromo-3-Chloropropan	14.26	75	132	Below Cal	#	3
93) 1,2,4-Trichlorobenzene	14.90	180	1715	0.809	ug/l	99
94) Hexachlorobutadiene	15.00	225	589	0.567	ug/l	79
95) Naphthalene	15.13	128	7045	1.104	ug/l	96
96) 1,2,3-Trichlorobenzene	15.31	180	1882	0.901	ug/l	96

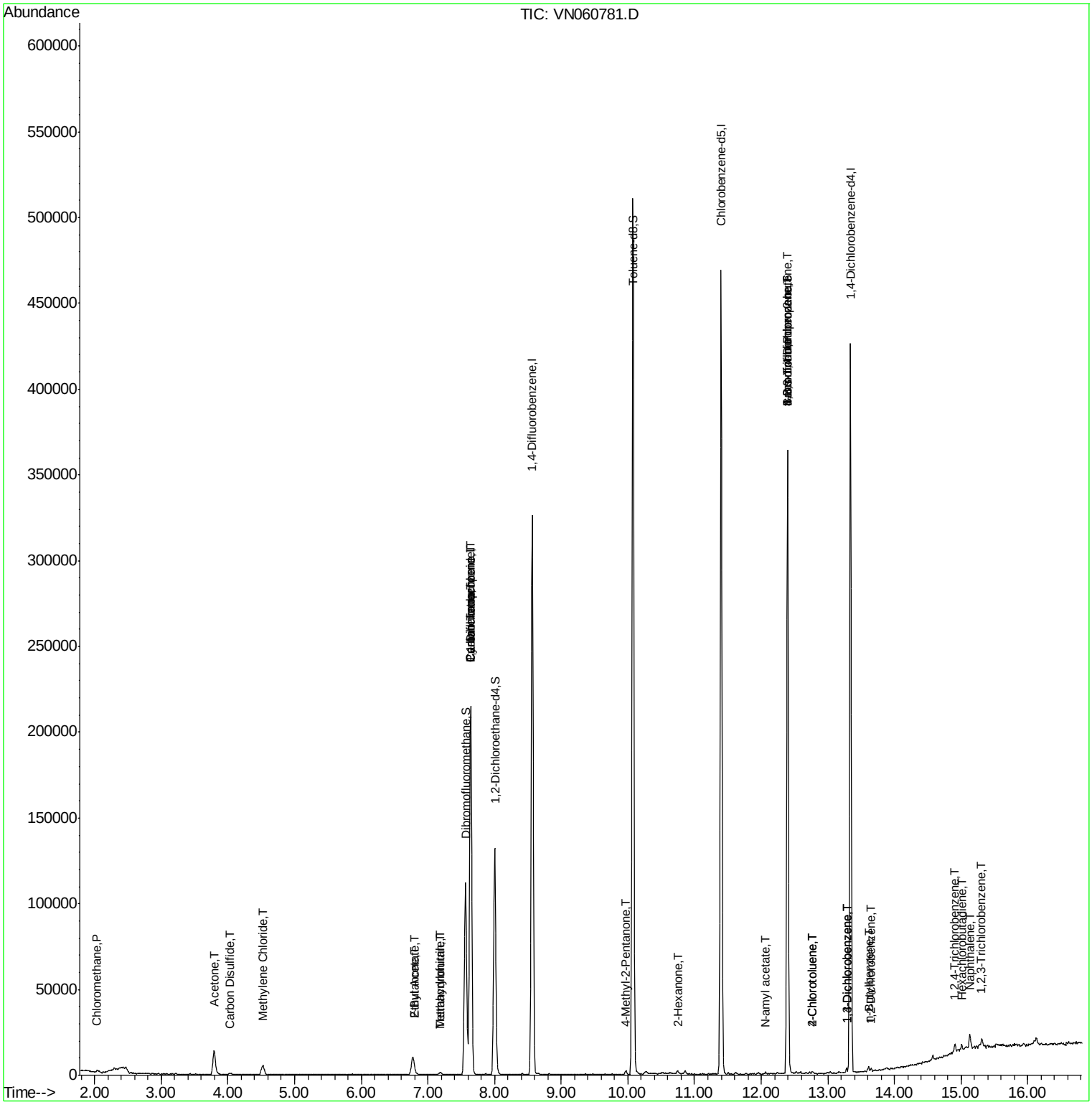
(#) = qualifier out of range (m) = manual integration (+) = signals summed

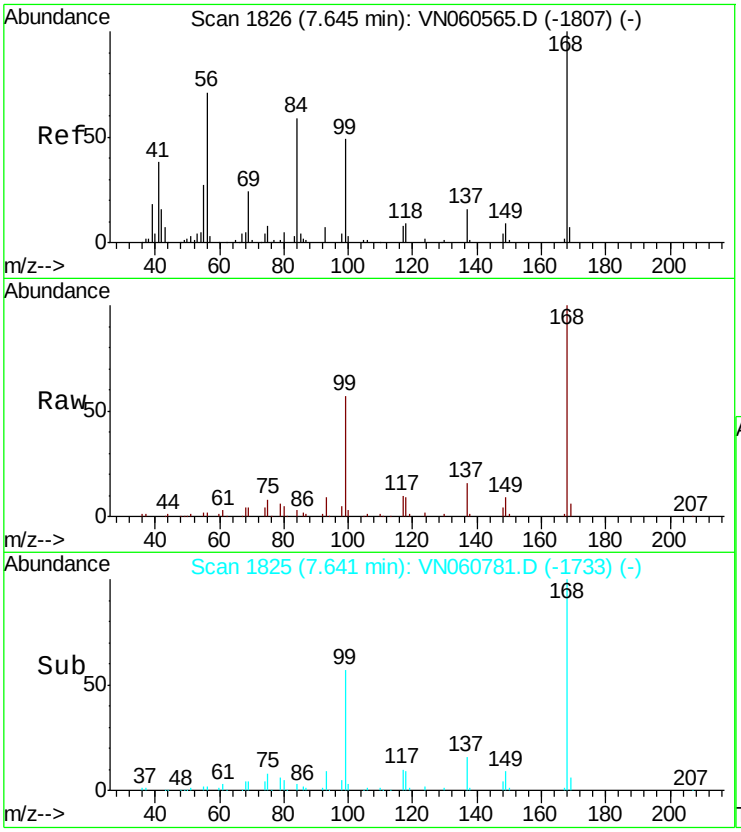
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN033120\
Data File : VN060781.D
Acq On : 31 Mar 2020 13:26
Operator : JC/MD
Sample : PB127899TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Apr 01 08:22:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration



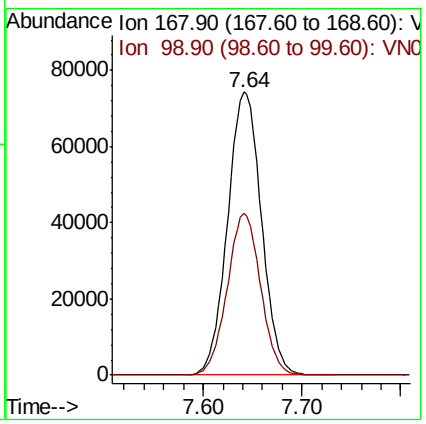


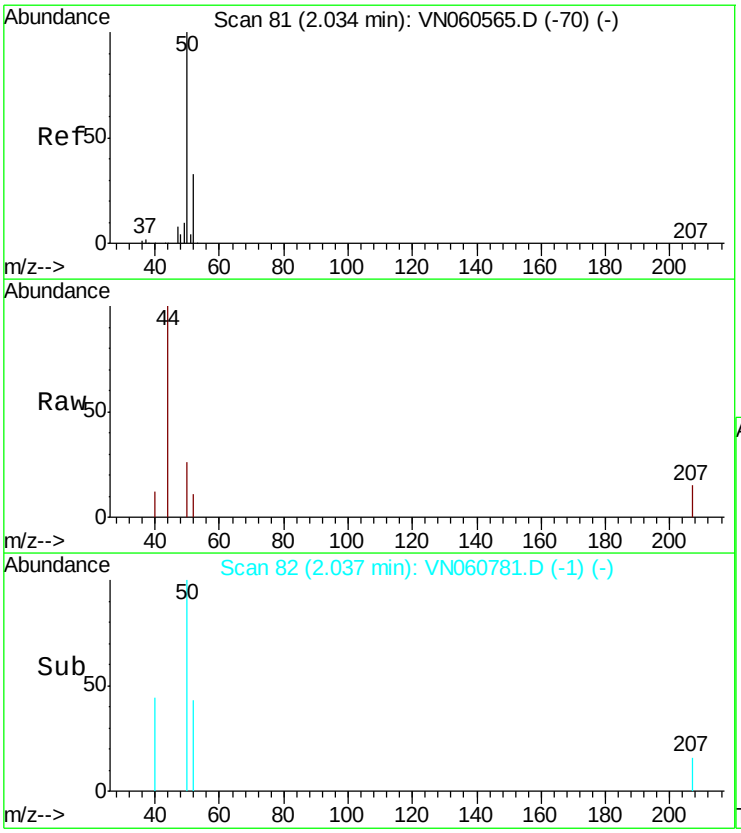
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 177827

Ion	Ratio	Lower	Upper
168	100		
99	57.2	44.0	66.0

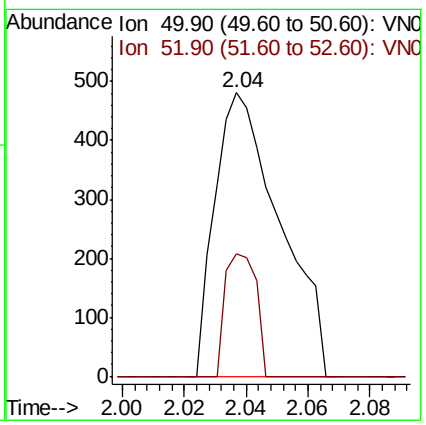


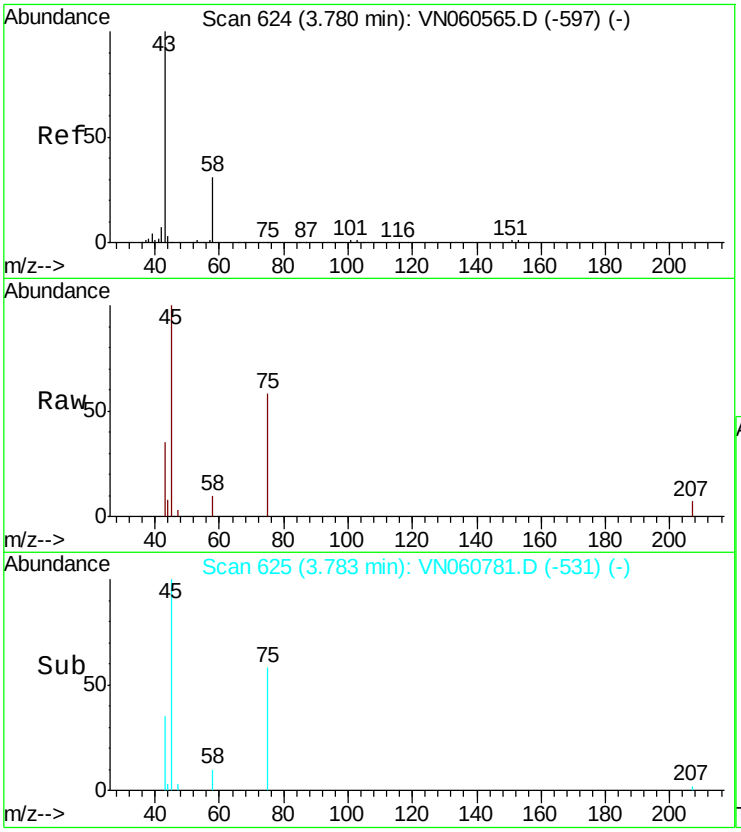


#3
Chloromethane
Concen: 0.218 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Tgt Ion: 50 Resp: 702

Ion	Ratio	Lower	Upper
50	100		
52	43.0	26.2	39.2#



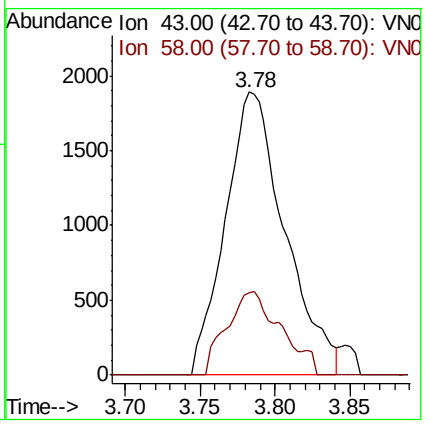


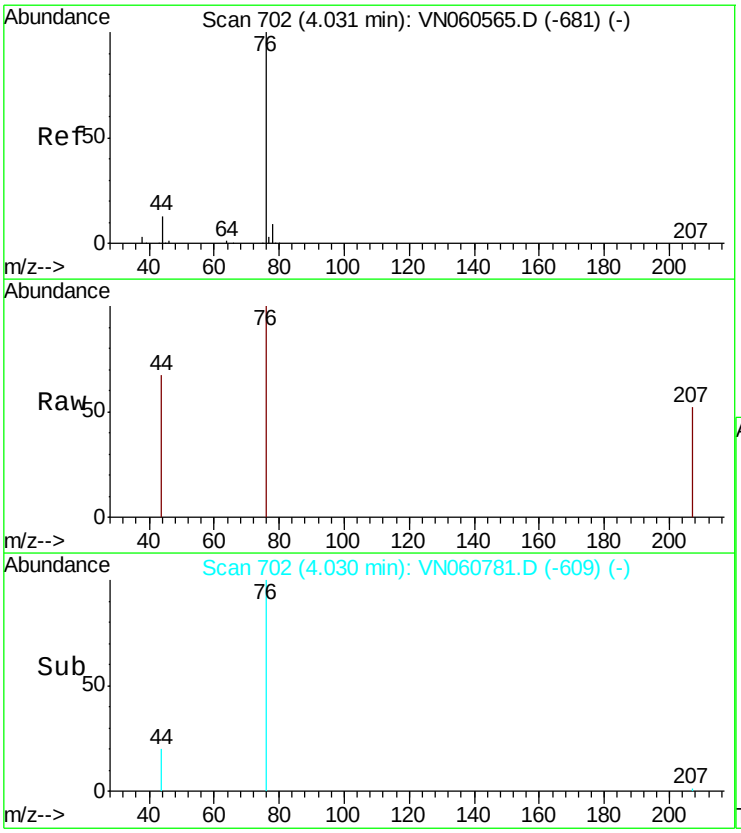
#16
Acetone
Concen: 6.055 ug/l
RT: 3.78 min Scan# 625
Delta R.T. 0.00 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 5236

Ion	Ratio	Lower	Upper
43	100		
58	29.2	25.1	37.7

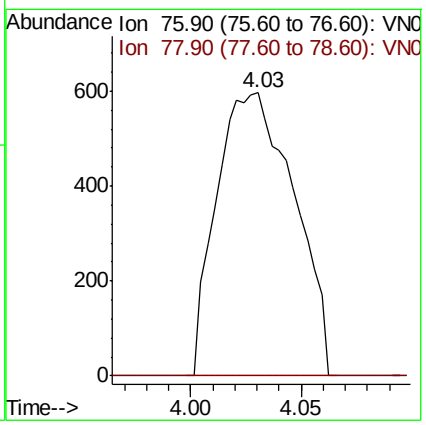


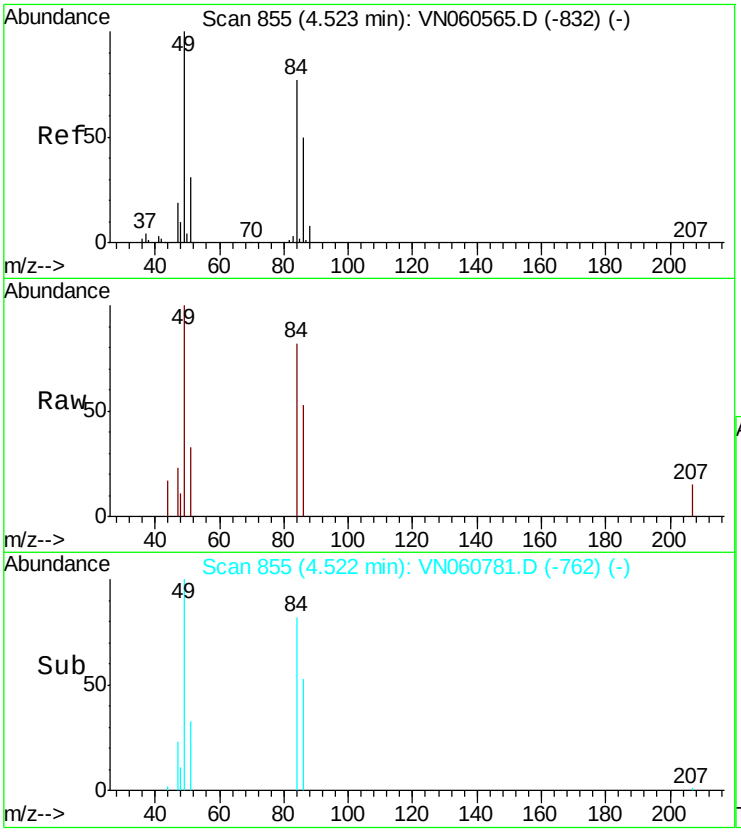


#17
Carbon Disulfide
Concen: 0.248 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Tgt Ion: 76 Resp: 1454

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.2	10.8#



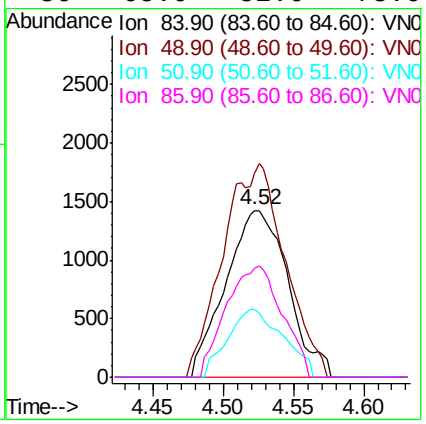


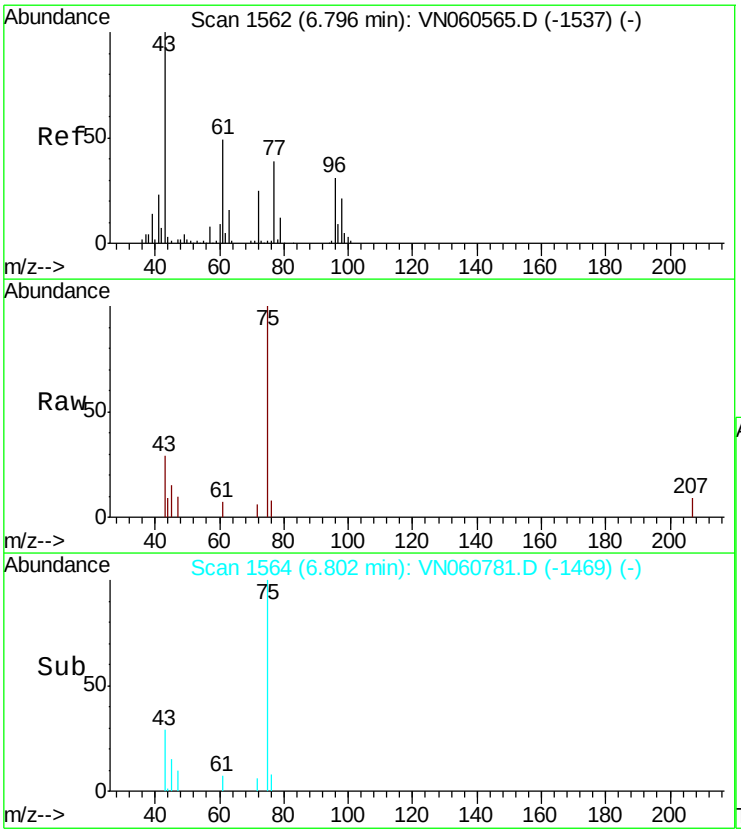
#20
Methylene Chloride
Concen: 2.064 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 4390

Ion	Ratio	Lower	Upper
84	100		
49	121.8	103.3	154.9
51	40.6	31.6	47.4
86	65.0	52.0	78.0

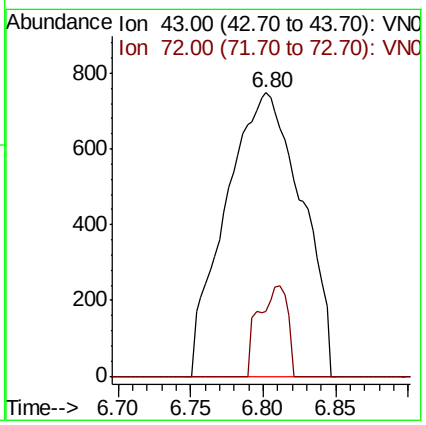


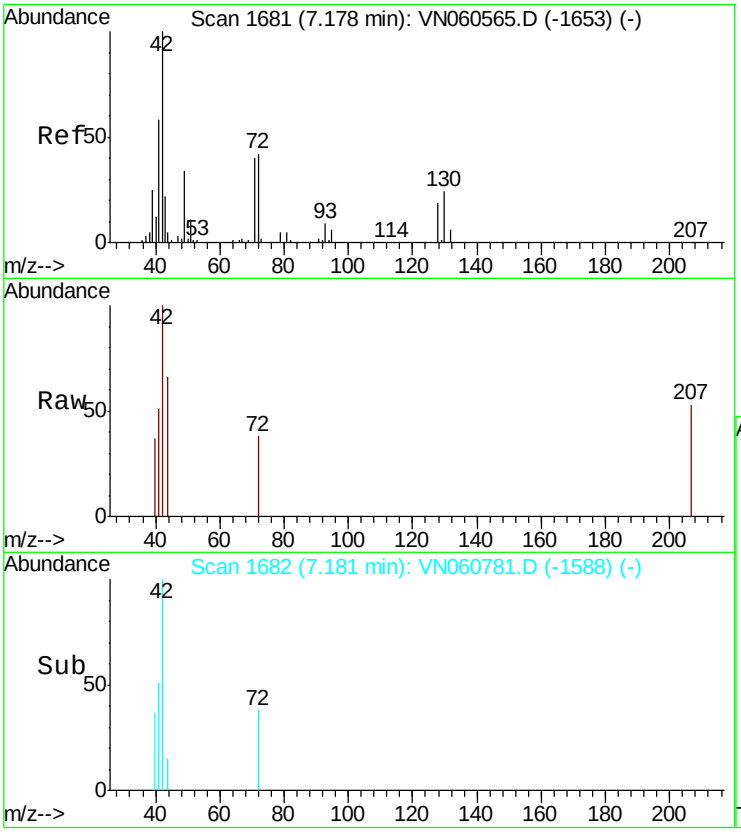


#25
2-Butanone
Concen: 1.945 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Tgt Ion: 43 Resp: 2722

Ion	Ratio	Lower	Upper
43	100		
72	22.7	20.4	30.6



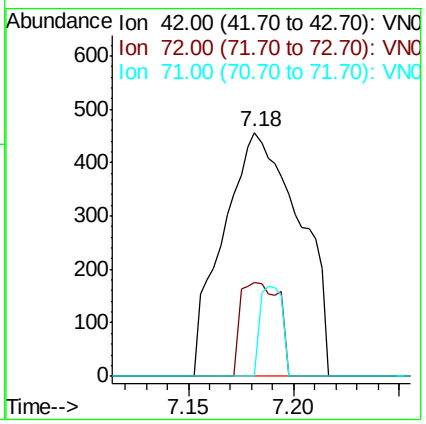


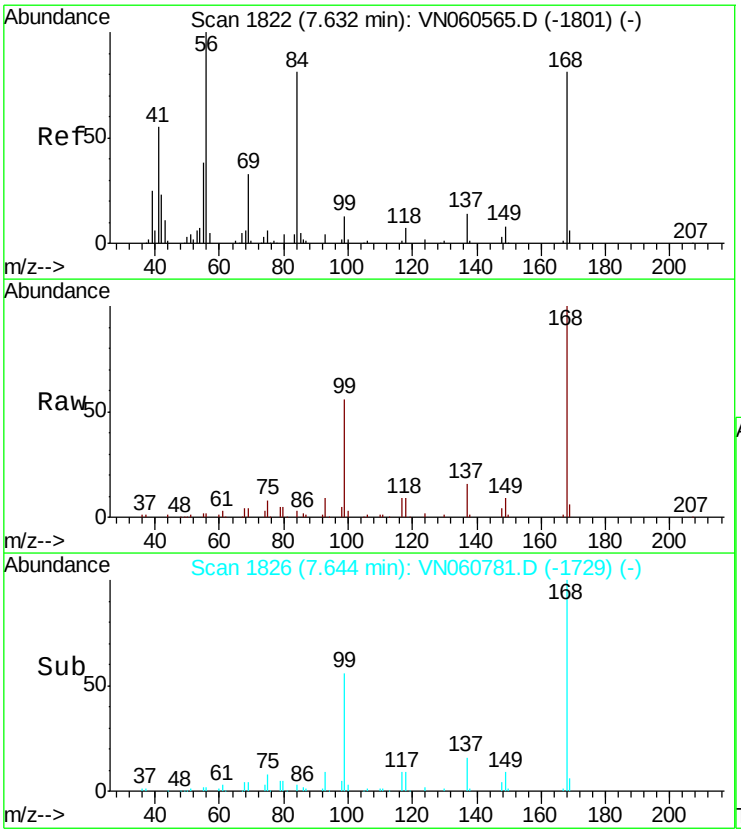
#29
Tetrahydrofuran
Concen: 1.163 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1151

Ion	Ratio	Lower	Upper
42	100		
72	19.1	33.2	49.8#
71	10.8	31.1	46.7#

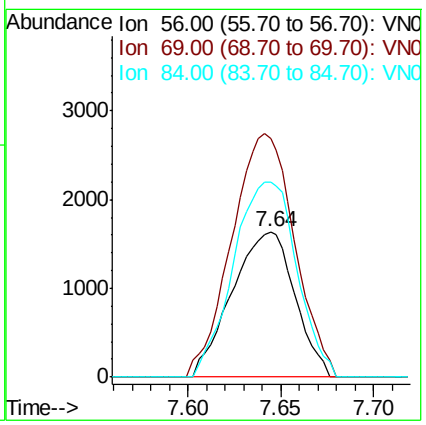


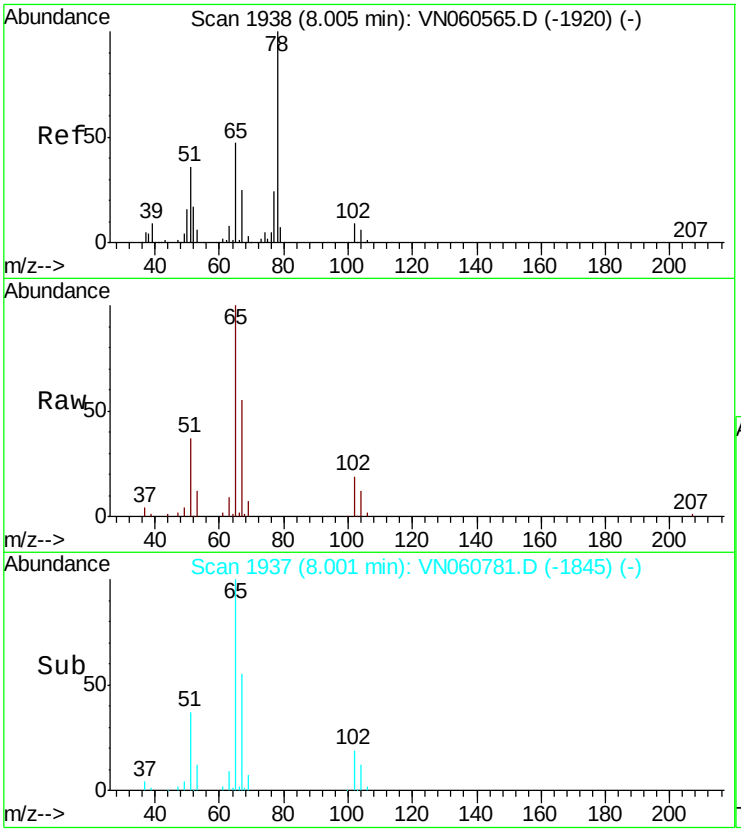


#31
Cyclohexane
Concen: 0.982 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Tgt Ion: 56 Resp: 3861

Ion	Ratio	Lower	Upper
56	100		
69	164.2	26.6	40.0#
84	133.5	64.3	96.5#



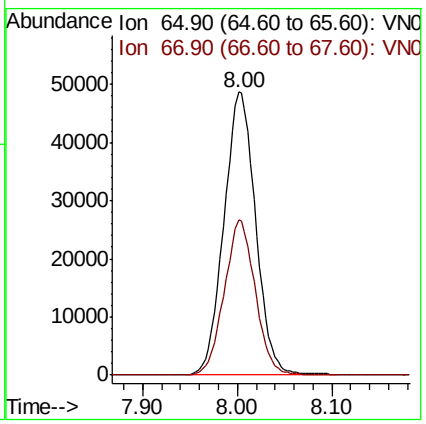


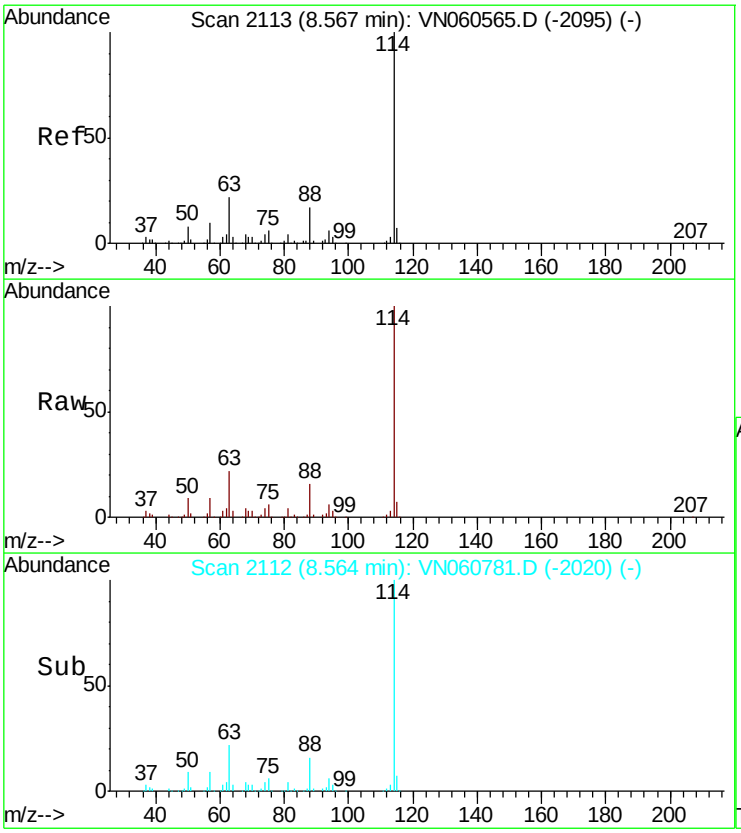
#33
1,2-Dichloroethane-d4
Concen: 46.457 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 113410

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	107.6

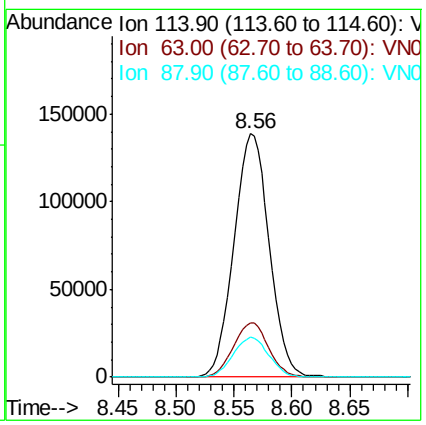


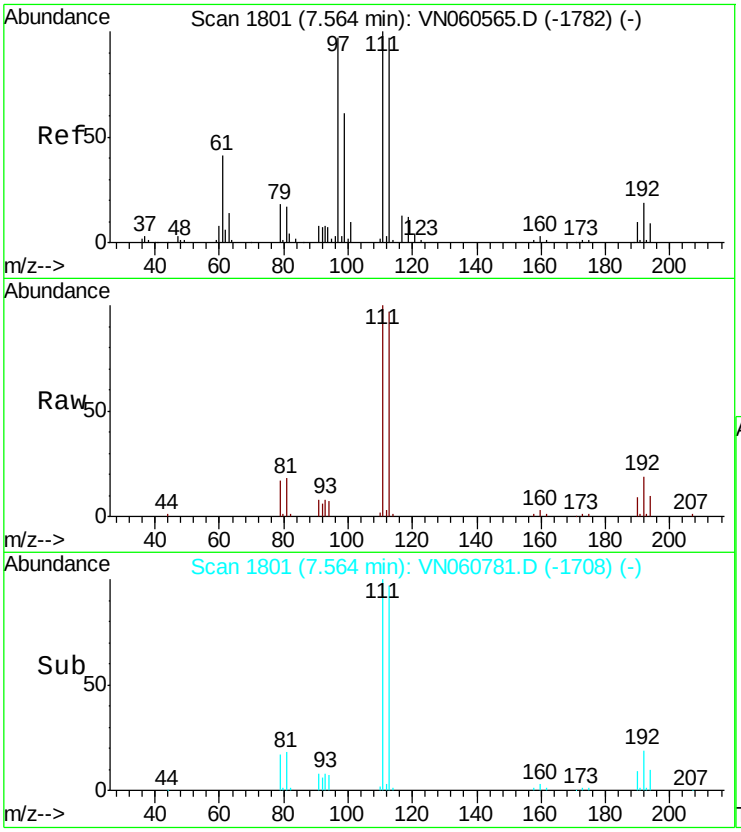


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.56 min Scan# 2112
Delta R.T. -0.00 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Tgt Ion:114 Resp: 293078

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	43.8
88	16.3	0.0	33.0



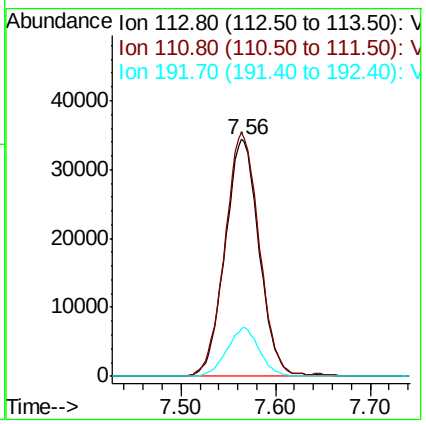


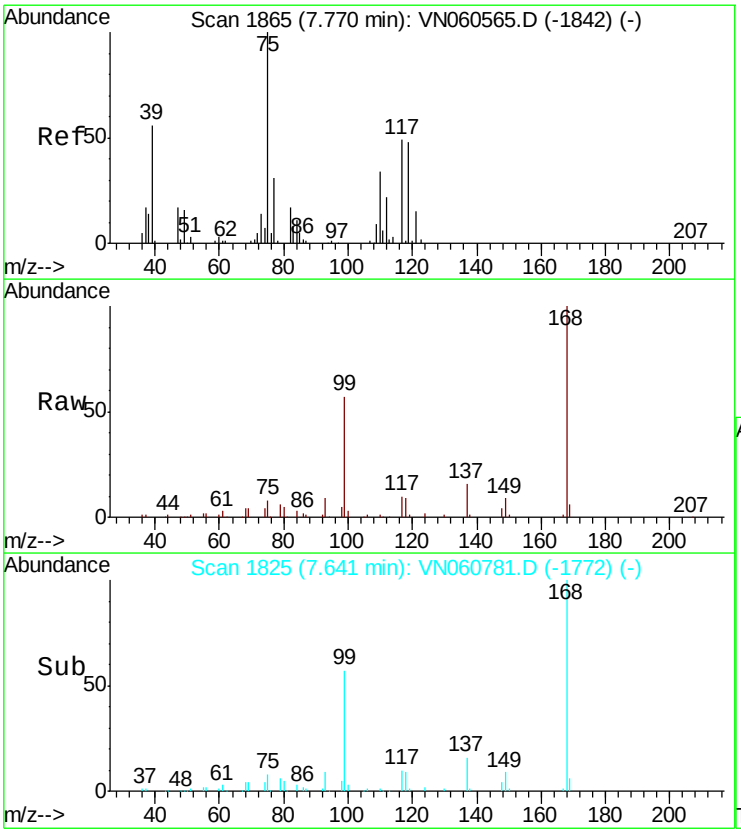
#35
Dibromofluoromethane
Concen: 48.580 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 86092

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	19.5	15.8	23.8

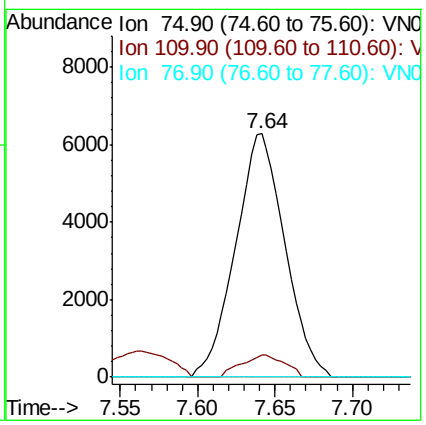


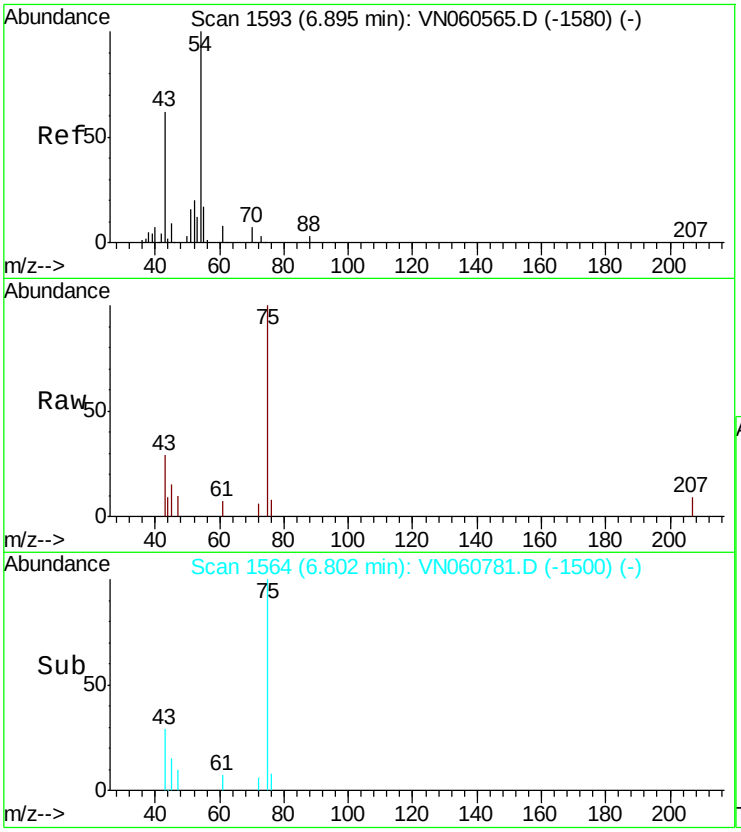


#36
1,1-Dichloropropene
Concen: 4.903 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.13 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Tgt Ion: 75 Resp: 13913

Ion	Ratio	Lower	Upper
75	100		
110	7.8	16.9	50.6#
77	0.0	24.6	36.8#



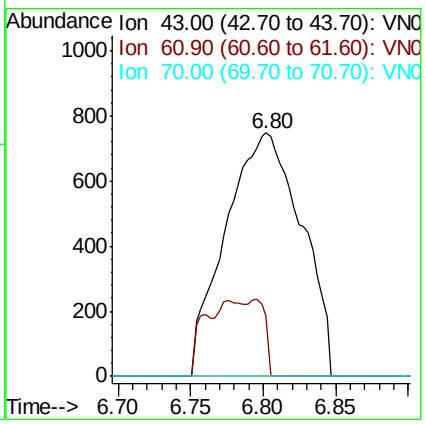


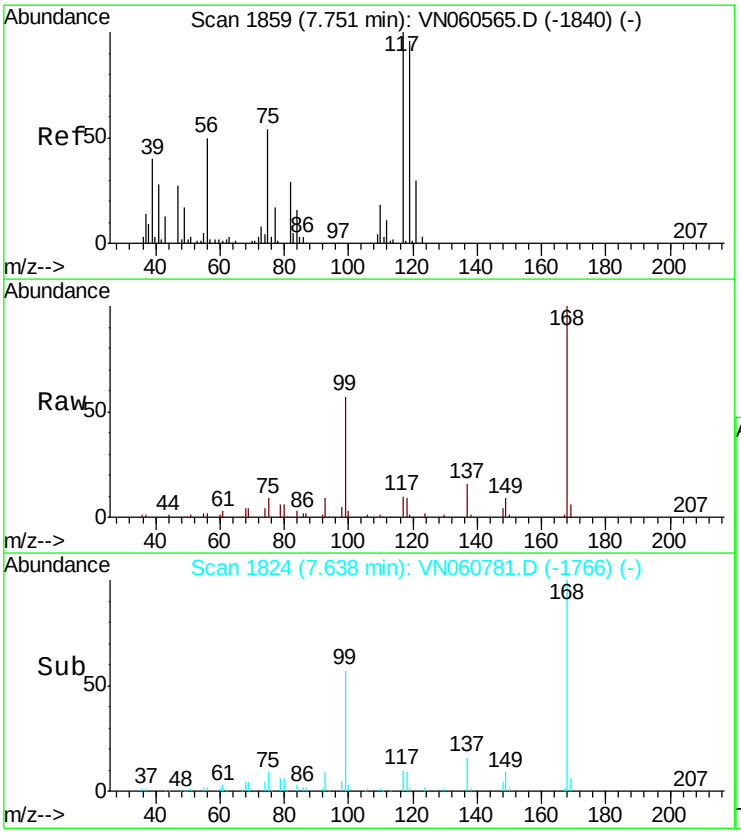
#37
Ethyl Acetate
Concen: 0.888 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. -0.09 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 2722

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	15.8#
70	0.0	7.9	11.9#

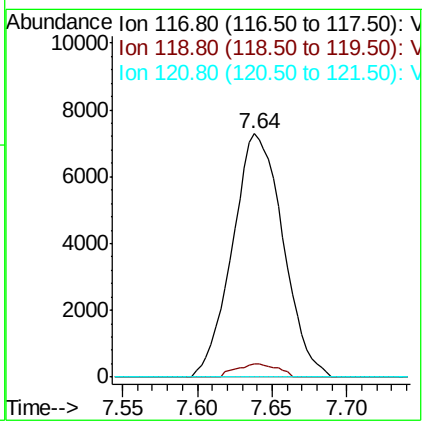


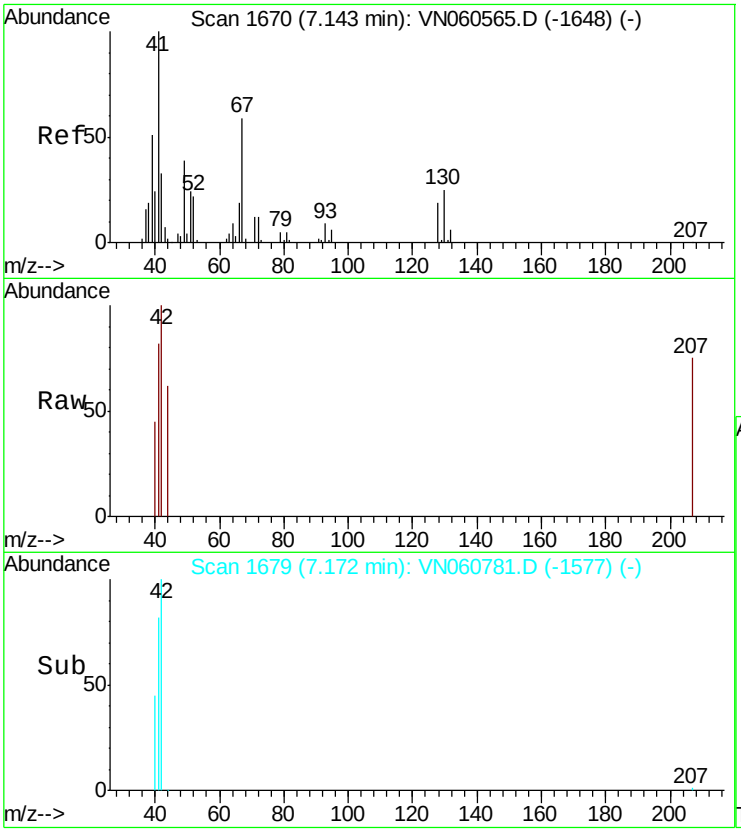


#38
Carbon Tetrachloride
Concen: 6.753 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. -0.11 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Tgt Ion:117 Resp: 17176

Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.2	114.2#
121	0.0	23.7	35.5#



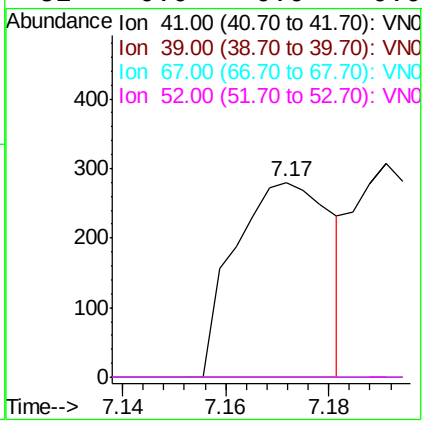


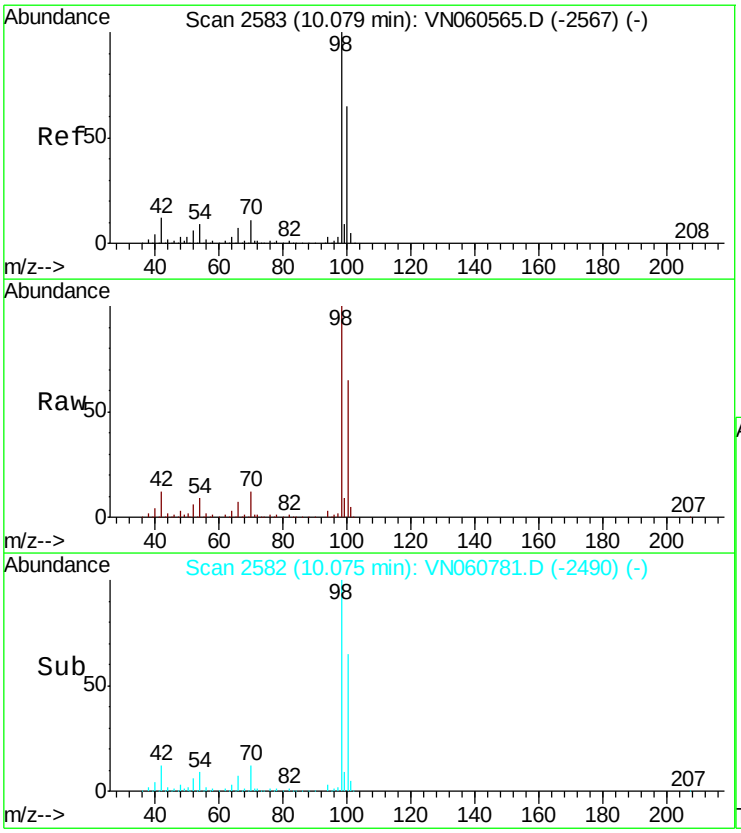
#41
Methacrylonitrile
Concen: 0.277 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.03 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 362

Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

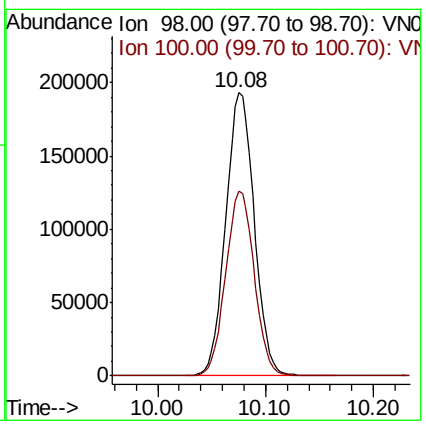


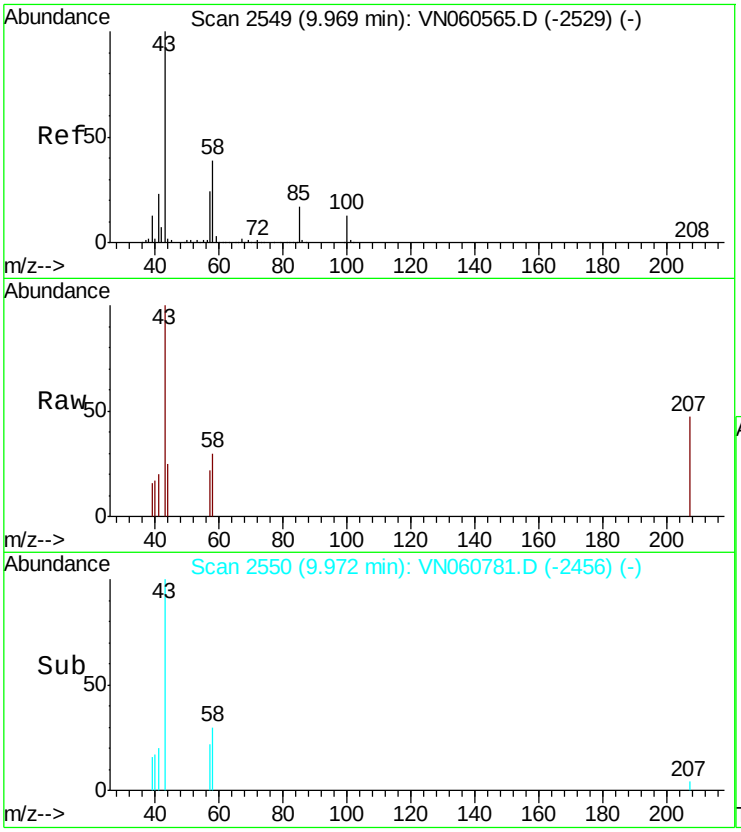


#50
Toluene-d8
Concen: 49.286 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Tgt Ion: 98 Resp: 356760

Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.8	77.8



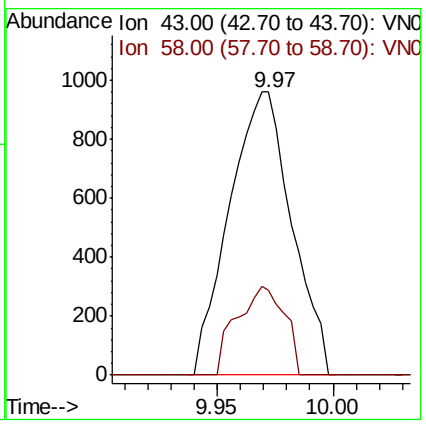


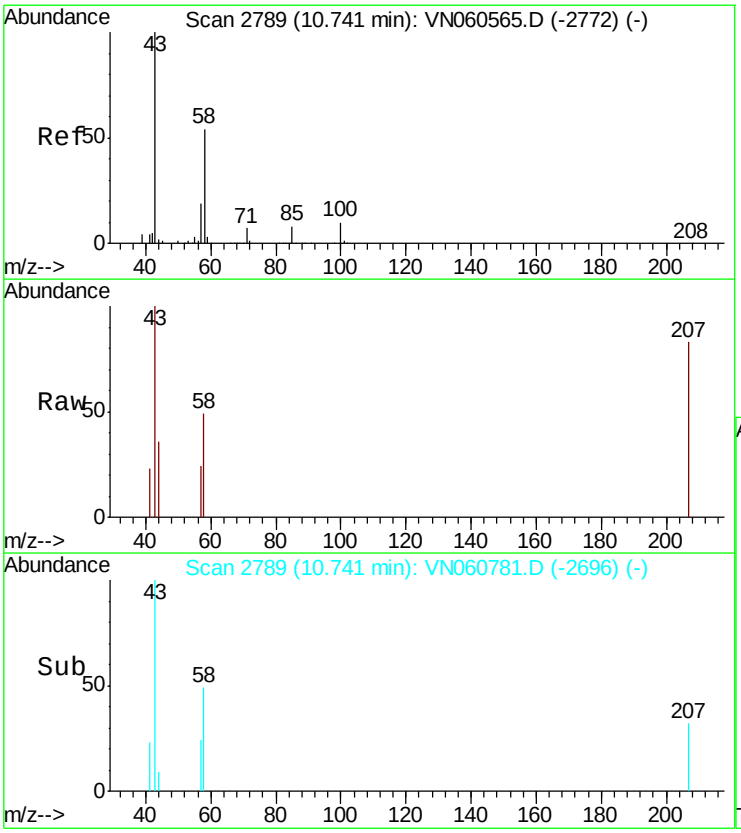
#51
4-Methyl-2-Pentanone
Concen: 0.625 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 1798

Ion	Ratio	Lower	Upper
43	100		
58	23.9	30.8	46.2#

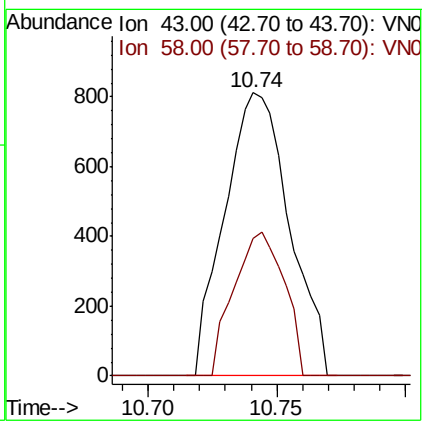


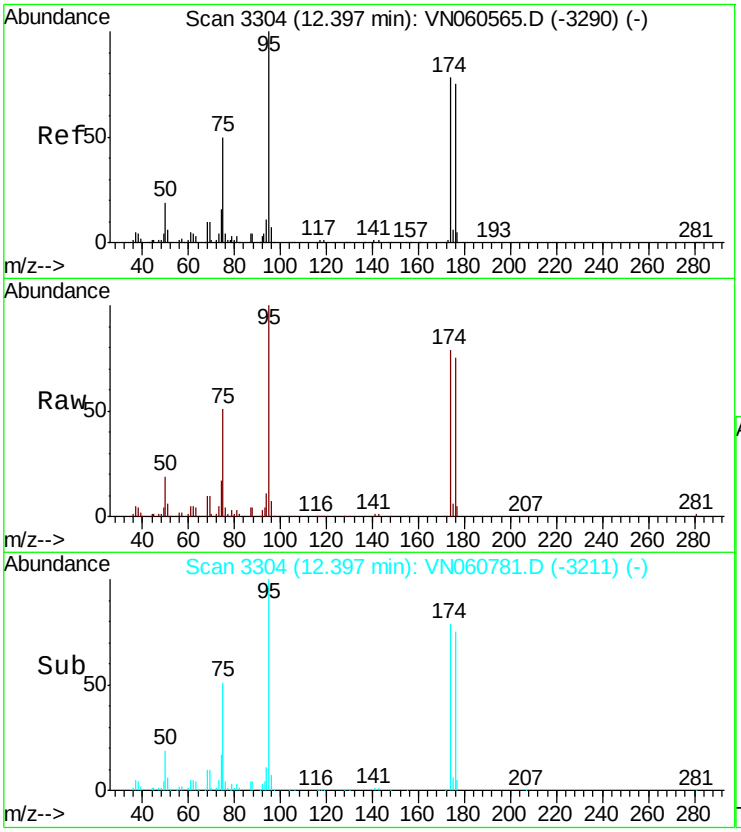


#59
2-Hexanone
Concen: 0.685 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Tgt Ion: 43 Resp: 1419

Ion	Ratio	Lower	Upper
43	100		
58	39.7	26.7	80.1



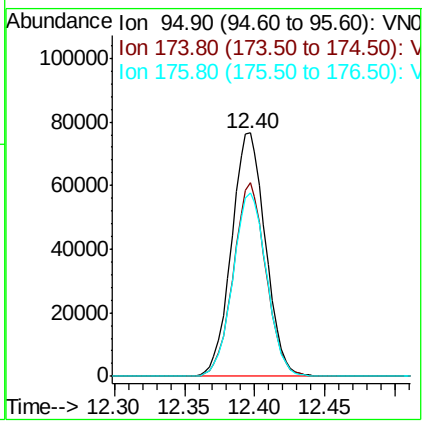


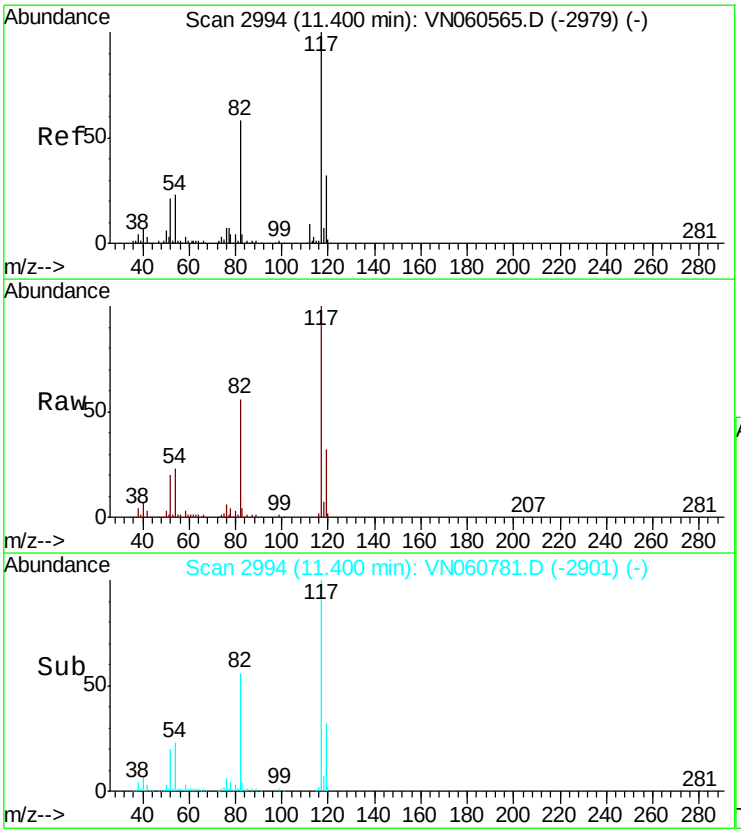
#62
4-Bromofluorobenzene
Concen: 48.610 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 128954

Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	157.6
176	74.6	0.0	150.6

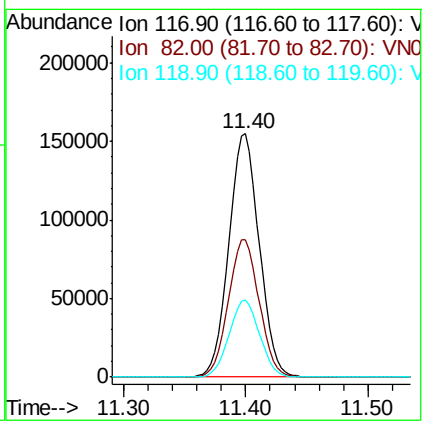


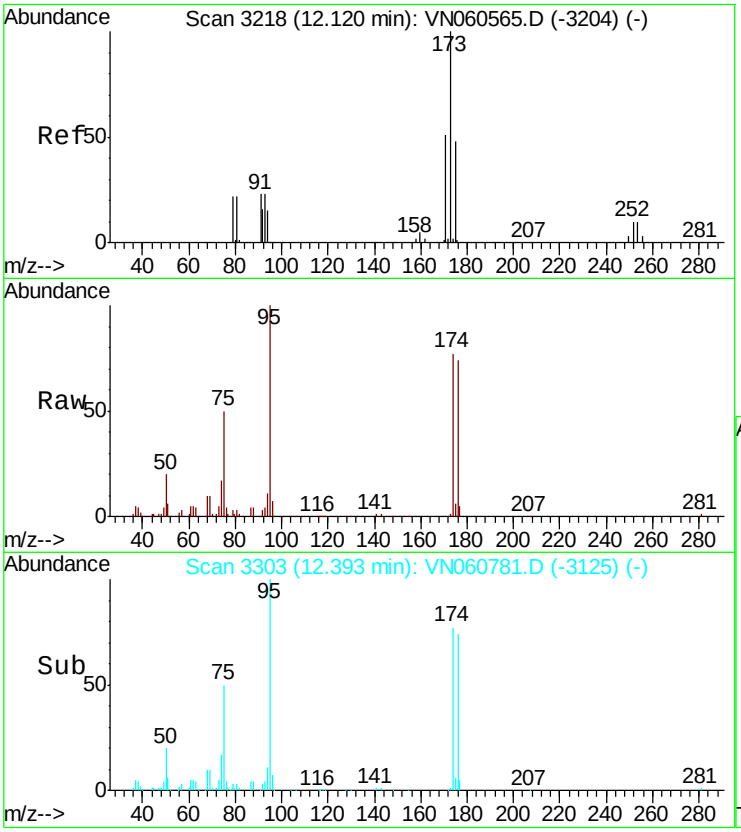


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Tgt Ion:117 Resp: 268390

Ion	Ratio	Lower	Upper
117	100		
82	56.4	46.7	70.1
119	31.6	25.5	38.3



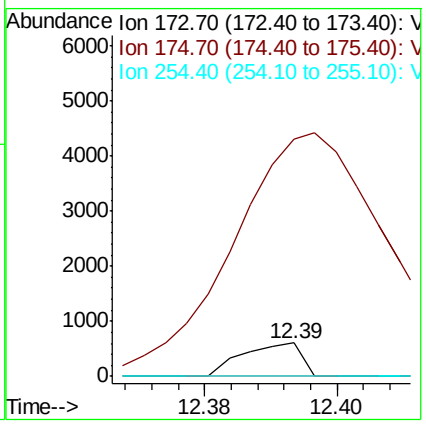


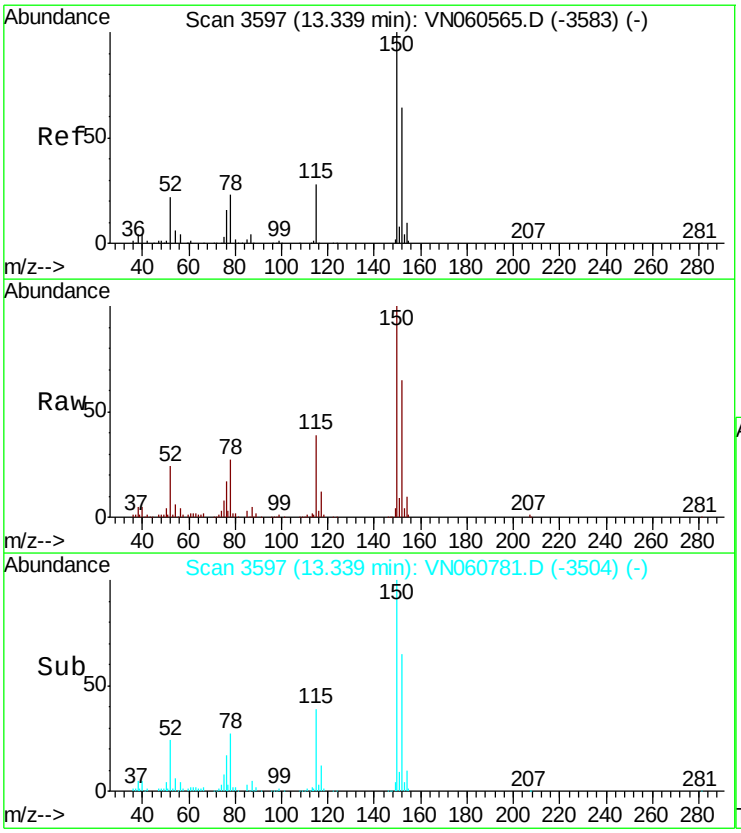
#71
Bromoform
Concen: 1.903 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.27 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:173 Resp: 369

Ion	Ratio	Lower	Upper
173	100		
175	1667.5	24.1	72.4#
254	0.0	0.0	0.0

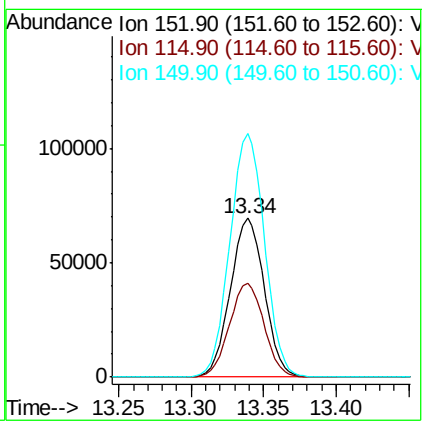


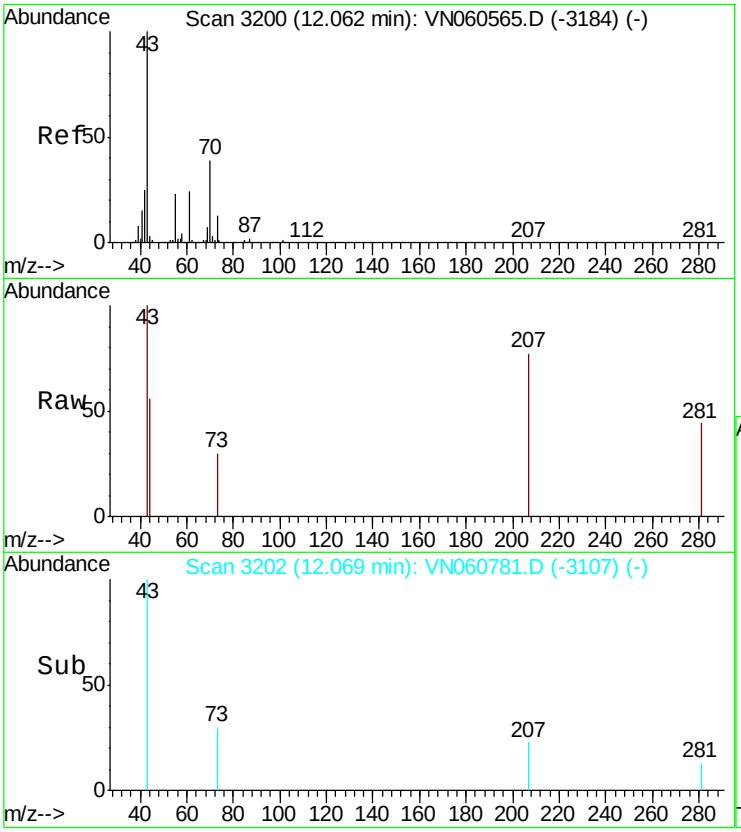


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Tgt Ion:152 Resp: 113239

Ion	Ratio	Lower	Upper
152	100		
115	60.0	30.2	90.6
150	156.3	0.0	350.2



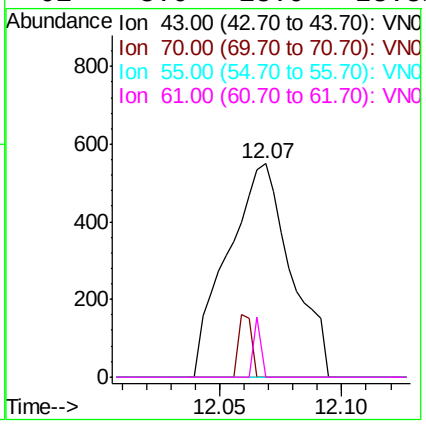


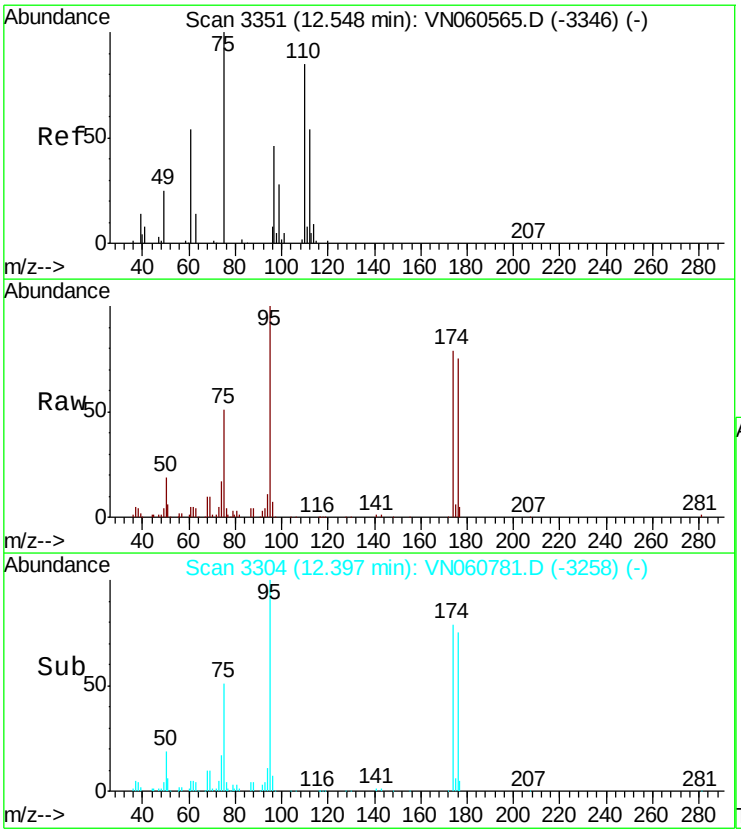
#74
N-amyl acetate
Concen: 0.252 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.01 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 988

Ion	Ratio	Lower	Upper
43	100		
70	6.1	31.1	46.7#
55	0.0	18.6	27.8#
61	3.0	18.9	28.3#

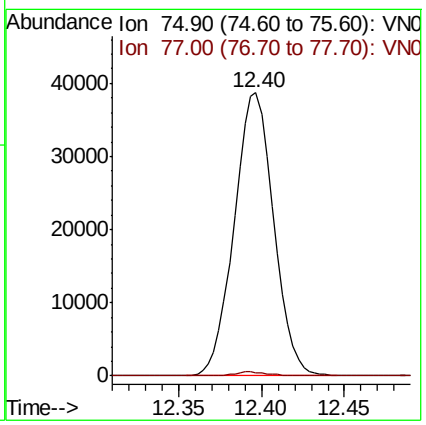


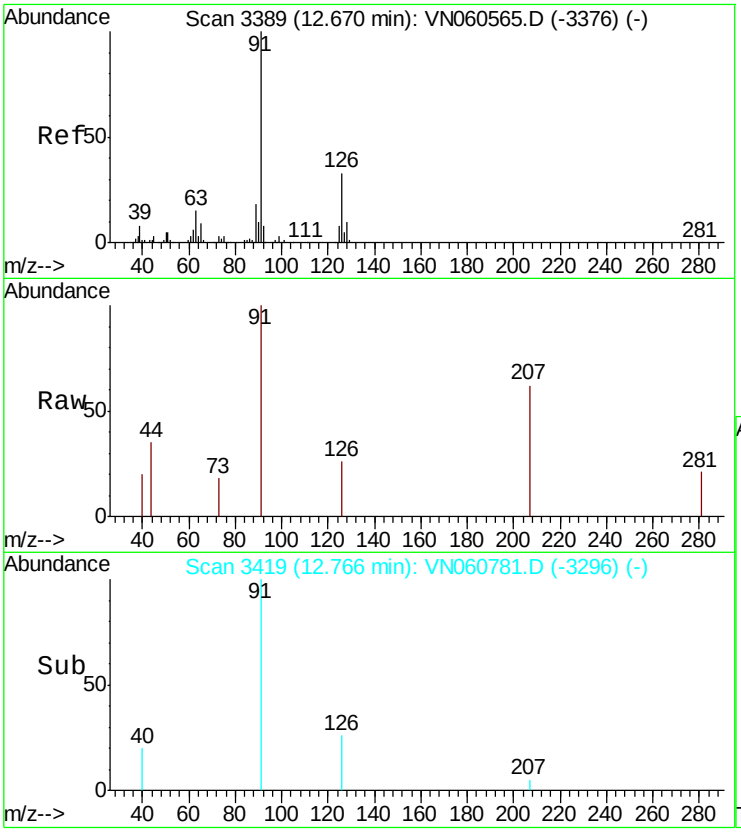


#76
1,2,3-Trichloropropane
Concen: 26.214 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.15 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Tgt Ion: 75 Resp: 64052

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



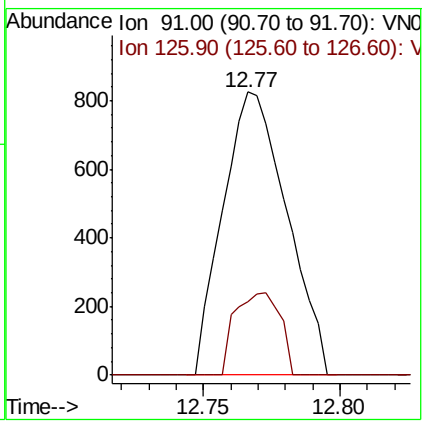


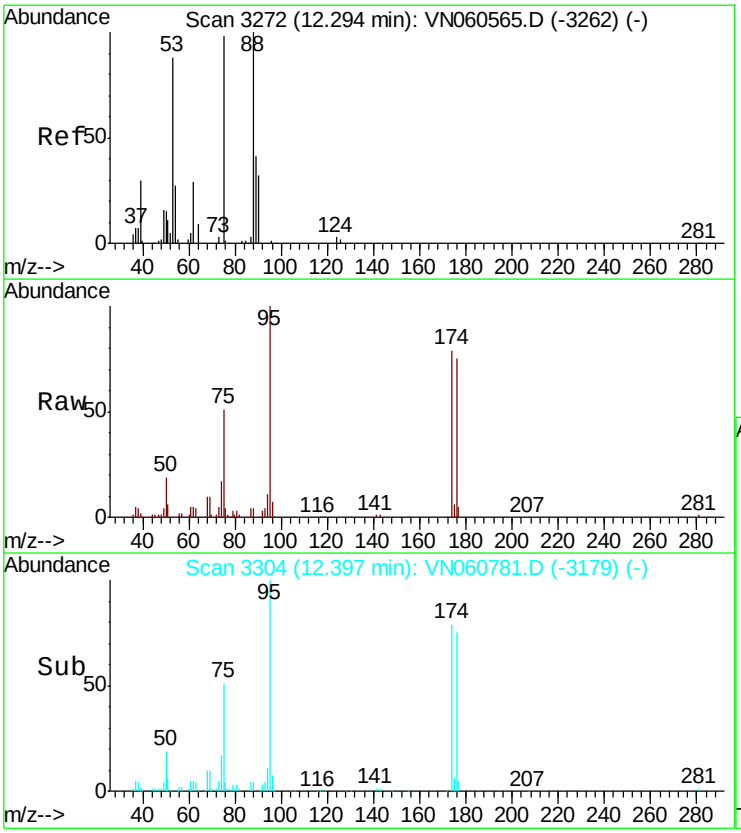
#79
2-Chlorotoluene
Concen: 0.224 ug/l
RT: 12.77 min Scan# 3419
Delta R.T. 0.10 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 1344

Ion	Ratio	Lower	Upper
91	100		
126	20.5	16.4	49.1

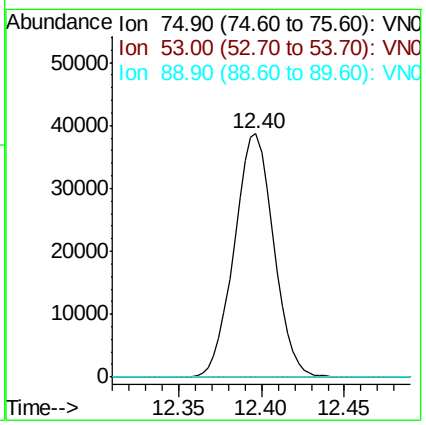


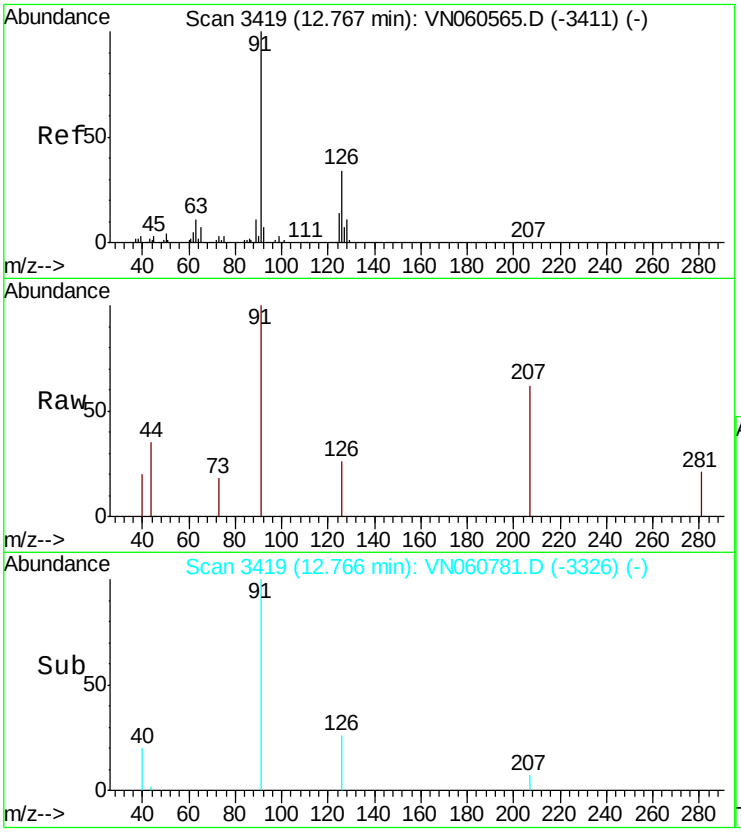


#81
trans-1,4-Dichloro-2-butene
Concen: 67.324 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.10 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Tgt Ion: 75 Resp: 64052

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.0	109.4#
89	0.0	34.8	52.2#



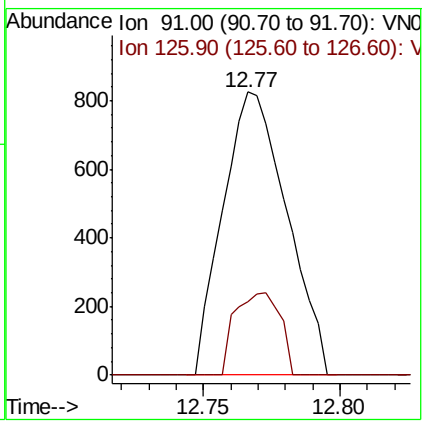


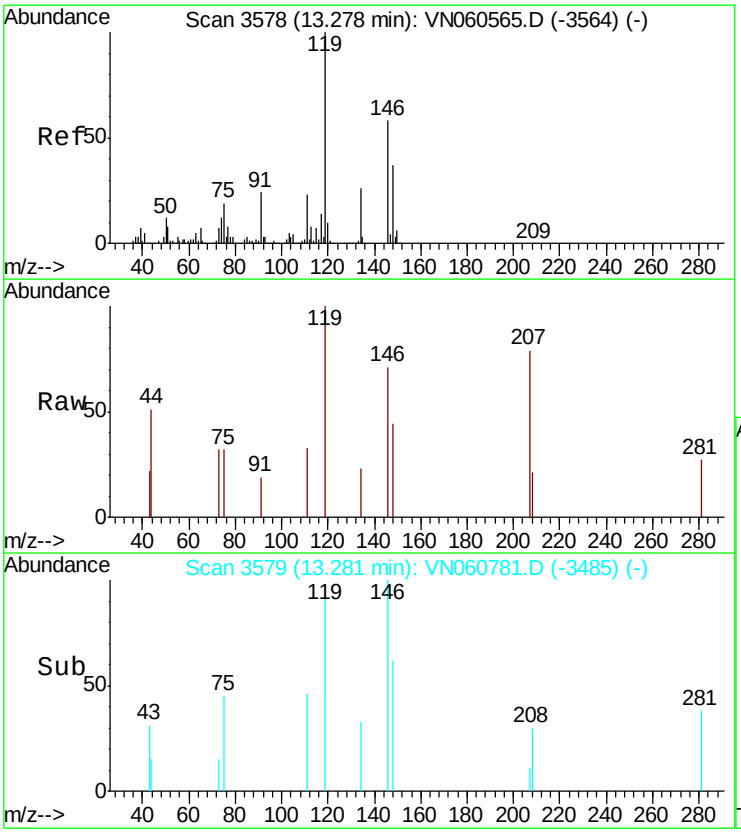
#82
4-Chlorotoluene
Concen: 0.220 ug/l
RT: 12.77 min Scan# 3419
Delta R.T. -0.00 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 1344

Ion	Ratio	Lower	Upper
91	100		
126	20.5	16.2	48.5

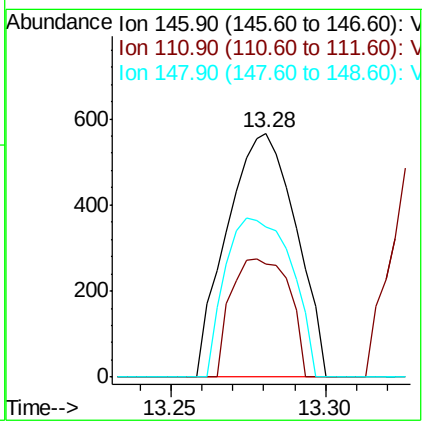


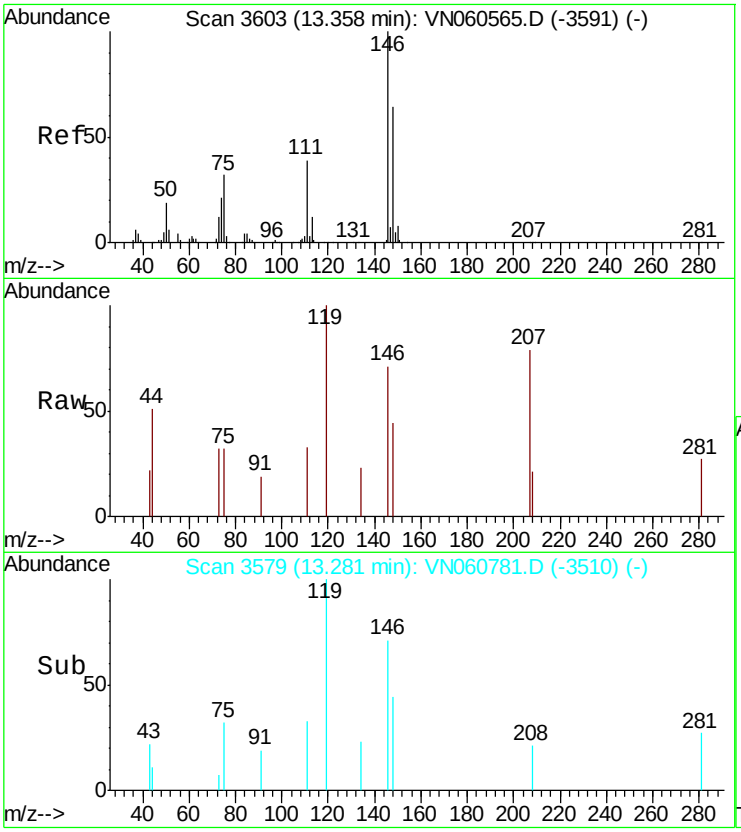


#87
1,3-Dichlorobenzene
Concen: 0.243 ug/l
RT: 13.28 min Scan# 3579
Delta R.T. 0.00 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Tgt Ion:146 Resp: 876

Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	60.8
148	63.1	32.5	97.4



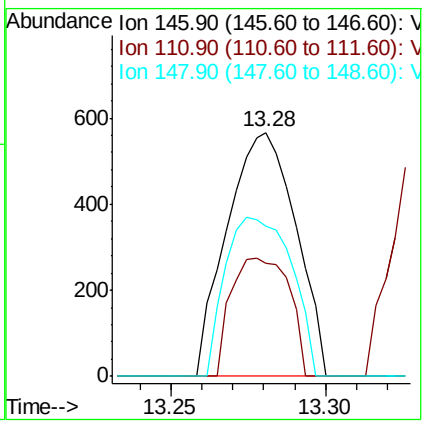


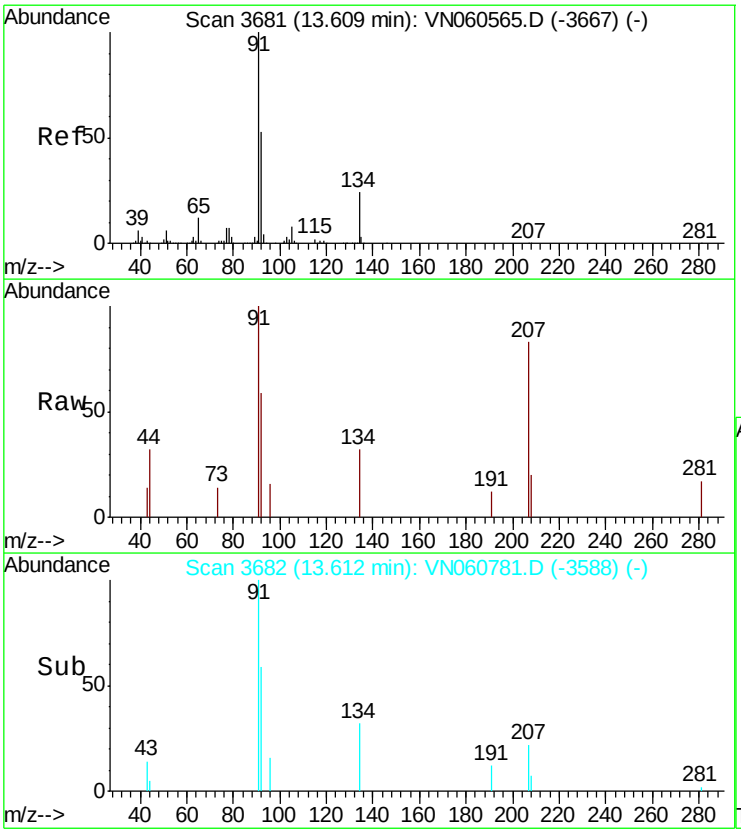
#88
1,4-Dichlorobenzene
Concen: 0.241 ug/l
RT: 13.28 min Scan# 3579
Delta R.T. -0.08 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 876

Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.6	58.7
148	63.1	32.1	96.3

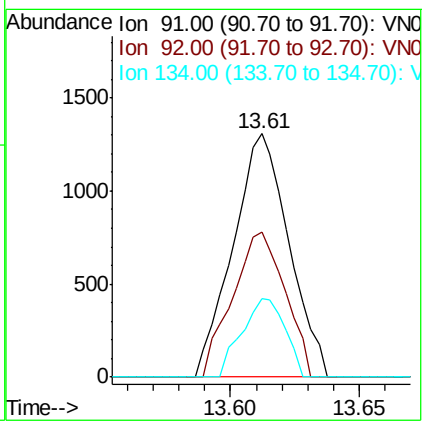


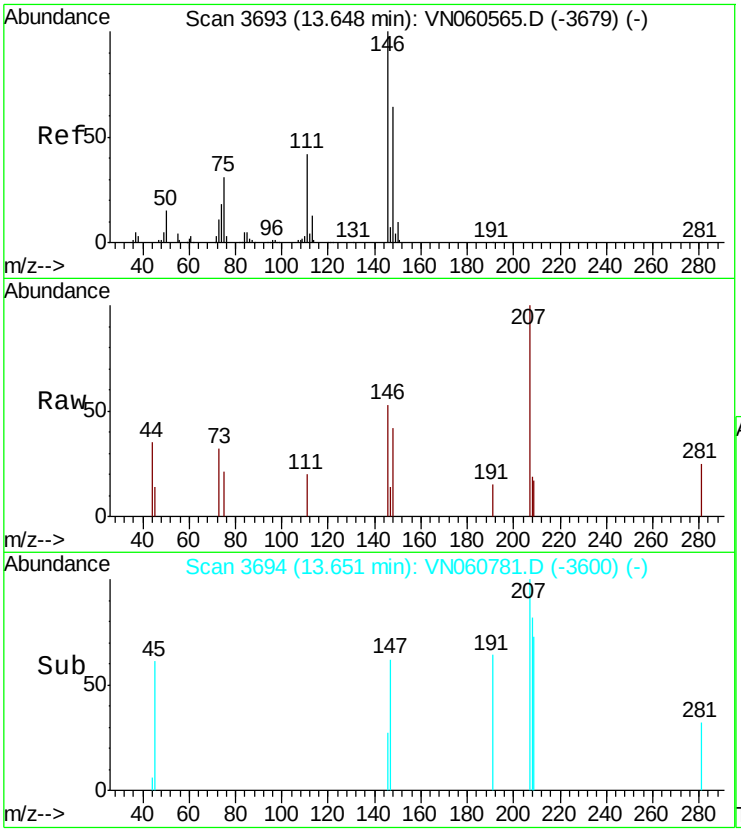


#89
n-Butylbenzene
Concen: 0.302 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Tgt Ion: 91 Resp: 1970

Ion	Ratio	Lower	Upper
91	100		
92	56.0	26.2	78.5
134	24.9	12.3	36.9



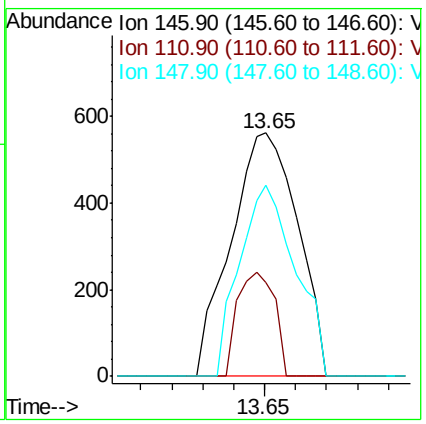


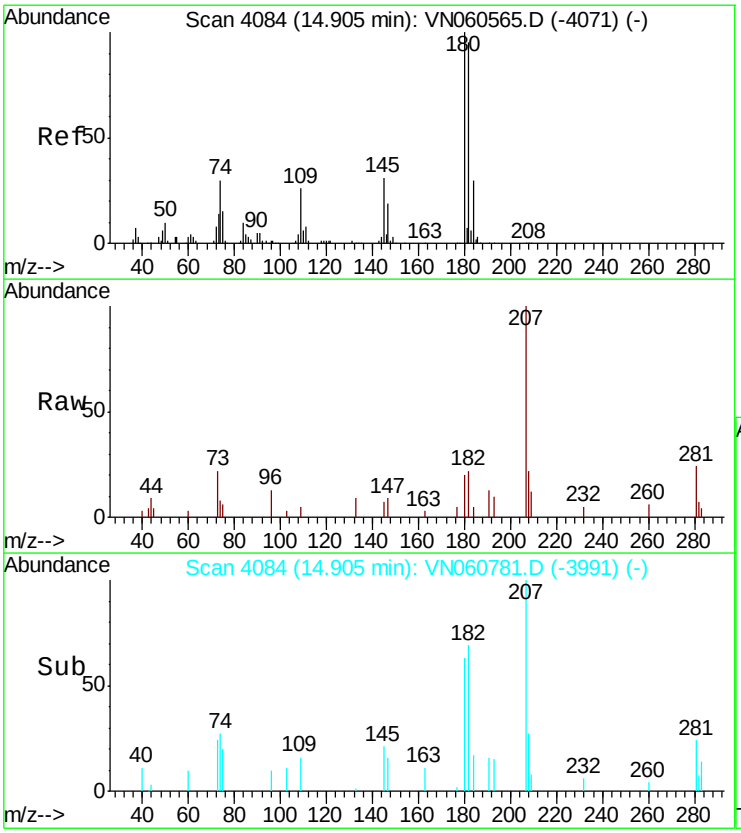
#91
1,2-Dichlorobenzene
Concen: 0.244 ug/l
RT: 13.65 min Scan# 3694
Delta R.T. 0.00 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 841

Ion	Ratio	Lower	Upper
146	100		
111	23.5	21.0	63.0
148	66.0	31.9	95.5

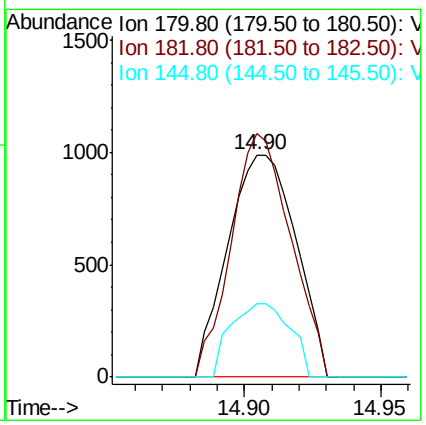


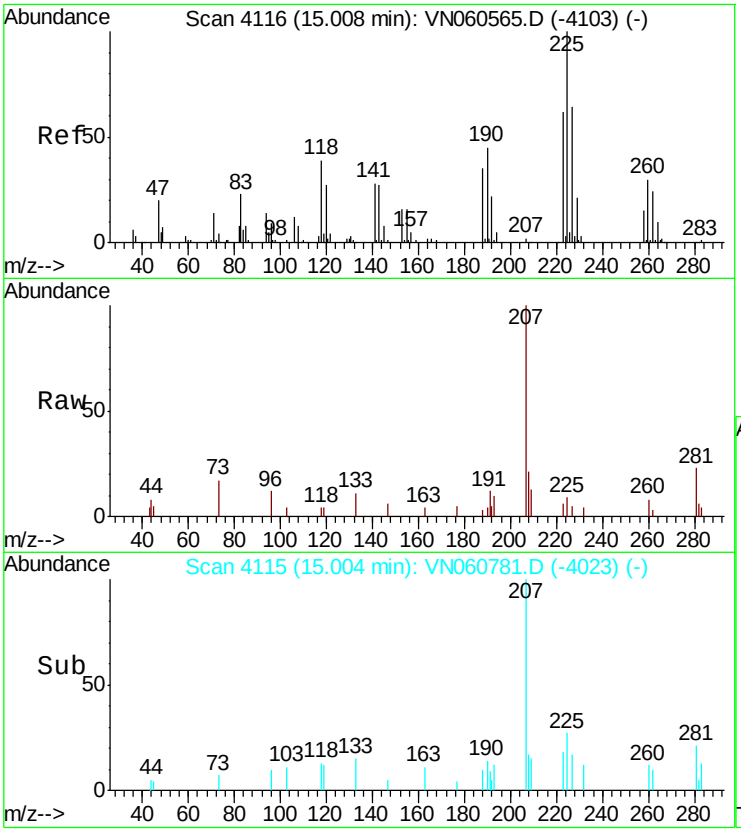


#93
1,2,4-Trichlorobenzene
Concen: 0.809 ug/l
RT: 14.90 min Scan# 4084
Delta R.T. -0.00 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Tgt Ion:180 Resp: 1715

Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.8
145	28.7	15.4	46.2



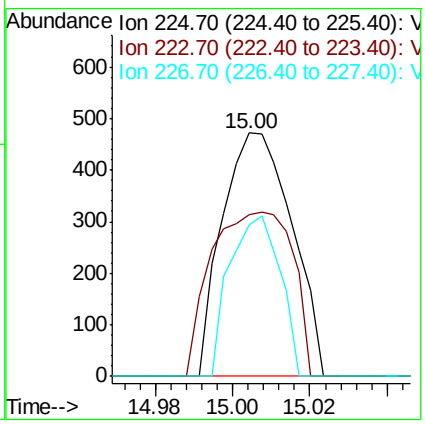


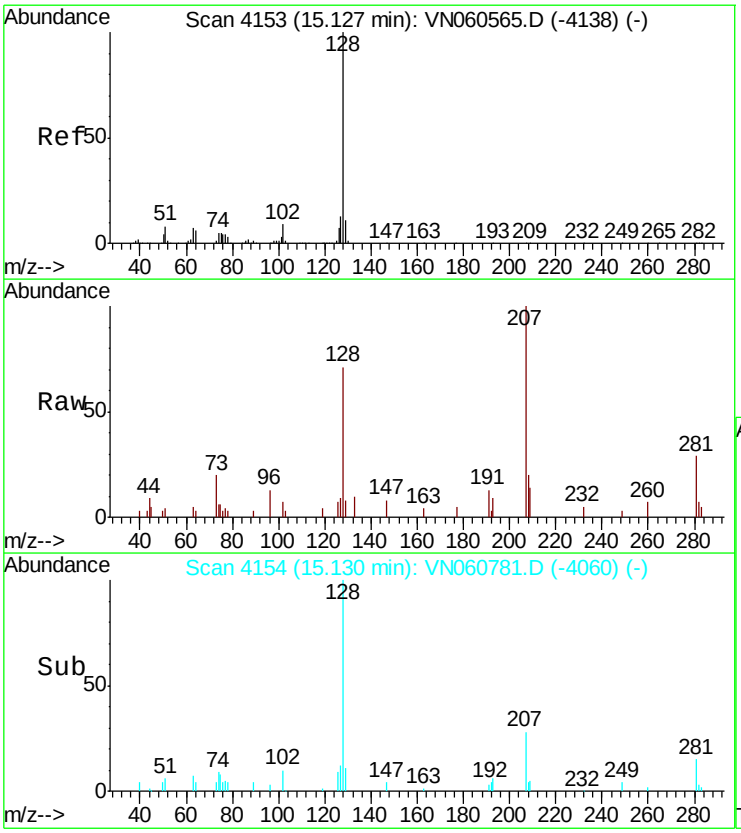
#94
Hexachlorobutadiene
Concen: 0.567 ug/l
RT: 15.00 min Scan# 4115
Delta R.T. -0.00 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:225 Resp: 589

Ion	Ratio	Lower	Upper
225	100		
223	79.1	31.6	95.0
227	47.5	32.3	96.8

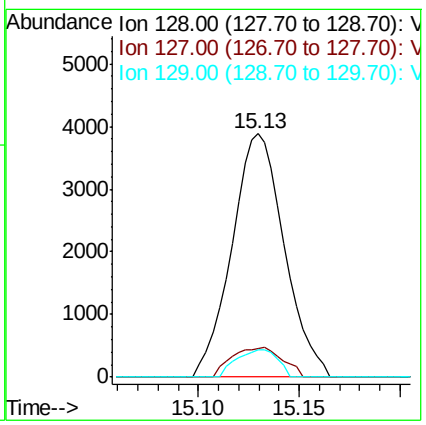


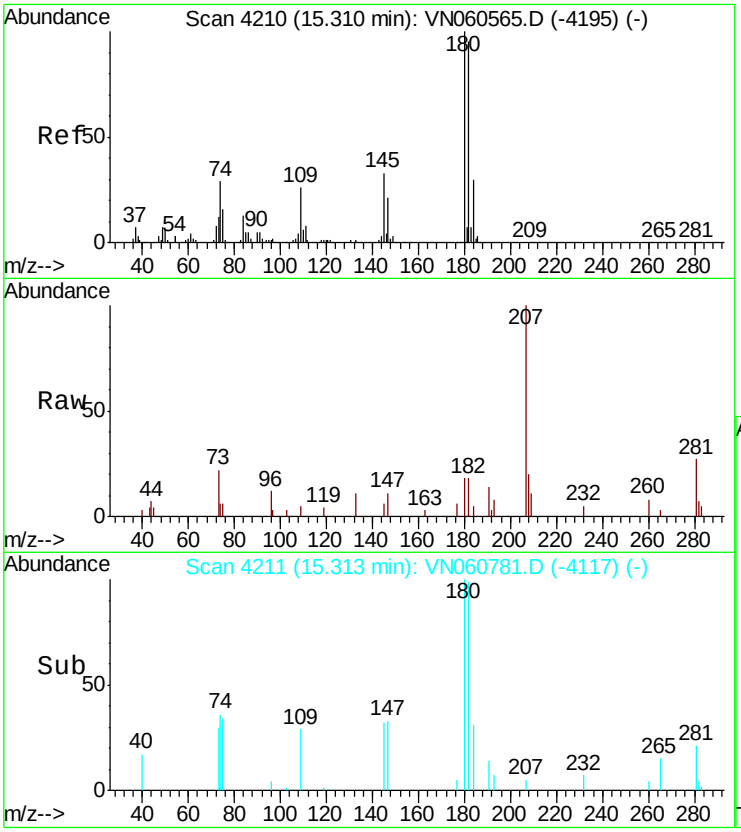


#95
Naphthalene
Concen: 1.104 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Tgt Ion:128 Resp: 7045

Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.2	15.2
129	8.9	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 0.901 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN060781.D
Acq: 31 Mar 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 1882

Ion	Ratio	Lower	Upper
180	100		
182	99.0	47.5	142.6
145	31.1	16.3	48.8