Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090219\
Data File : VN057648.D
Acq On : 1 Sep 2019 16:53
Operator : JC/SP
Sample : K4544-23
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : T16-17-B2-(0)

Quant Time: Sep 02 01:55:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 15:54:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	176894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	309379	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	267638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	90414	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	227596	56.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.92%			
35) Dibromofluoromethane	7.57	113	133432	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.78%			
50) Toluene-d8	10.09	98	521939	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.64%			
62) 4-Bromofluorobenzene	12.40	95	158991	40.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 80.62%			
Target Compounds						Qvalue
5) Bromomethane	2.50	94	707	0.437	ug/l #	35
11) Tert butyl alcohol	4.73	59	5373	12.820	ug/l #	81
13) Acrolein	3.60	56	105	0.630	ug/l #	1
16) Acetone	3.81	43	9546	8.524	ug/l #	86
18) Methyl Acetate	4.31	43	10071	2.619	ug/l #	74
20) Methylene Chloride	4.53	84	12920	4.660	ug/l	92
25) 2-Butanone	6.83	43	472	0.253	ug/l #	53
31) Cyclohexane	7.65	56	6173	1.166	ug/l #	29
36) 1,1-Dichloropropene	7.65	75	19138	4.666	ug/l #	45
38) Carbon Tetrachloride	7.65	117	21258	5.790	ug/l #	14
41) Methacrylonitrile	7.18	41	103	2.328	ug/l #	1
43) Isopropyl Acetate	8.16	43	66362	9.440	ug/l	98
45) 1,2-Dichloropropane	9.27	63	1129	0.339	ug/l #	44
48) Methyl methacrylate	9.18	41	4569	1.273	ug/l #	15
51) 4-Methyl-2-Pentanone	9.98	43	5080	1.261	ug/l	91
53) t-1,3-Dichloropropene	10.27	75	72	3.235	ug/l #	45
54) cis-1,3-Dichloropropene	9.90	75	25600	6.619	ug/l #	66
57) 1,3-Dichloropropane	10.76	76	4193	0.854	ug/l #	43
59) 2-Hexanone	10.76	43	71672	24.224	ug/l #	55
70) Styrene	11.96	104	149	2.601	ug/l #	60
71) Bromoform	12.40	173	169	6.304	ug/l #	1
74) N-amyl acetate	12.03	43	2301	0.534	ug/l #	55
76) 1,2,3-Trichloropropane	12.40	75	92100	38.725	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	92100	132.743	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	283	8.476	ug/l #	61
95) Naphthalene	15.13	128	506	7.013	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.29	180	217	7.904	ug/l #	58

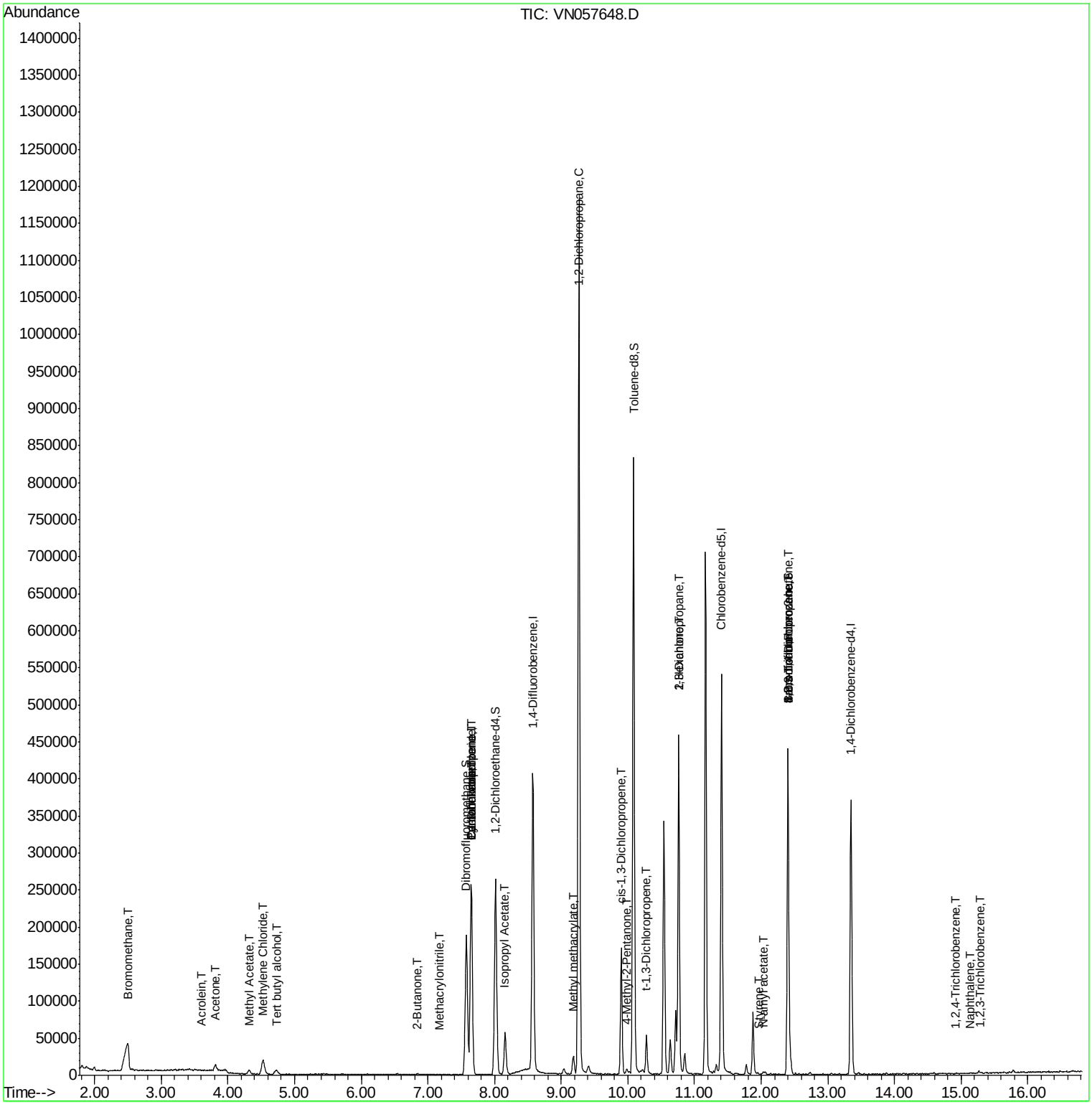
(#) = qualifier out of range (m) = manual integration (+) = signals summed

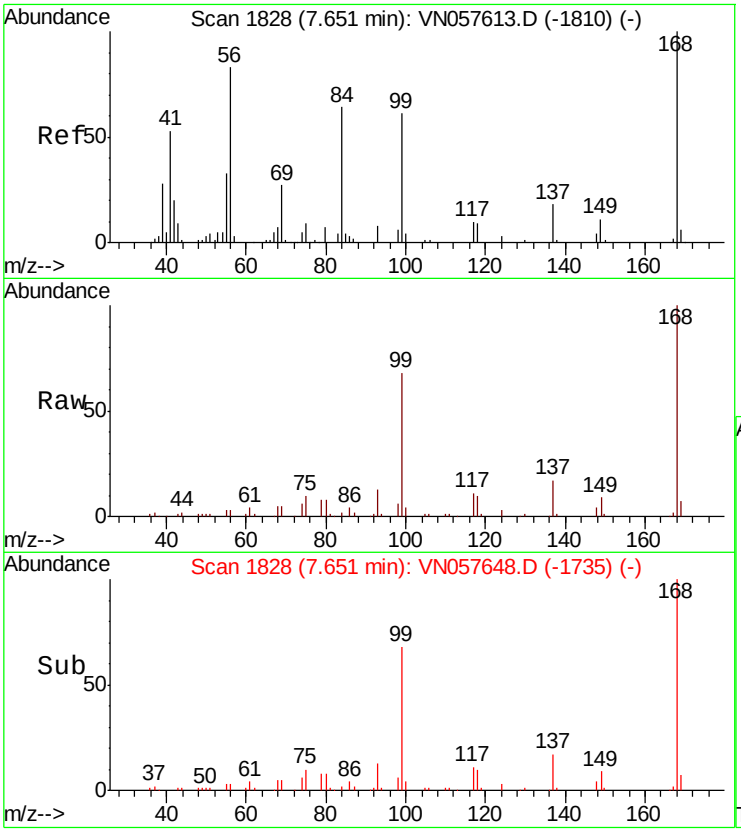
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090219\
Data File : VN057648.D
Acq On : 1 Sep 2019 16:53
Operator : JC/SP
Sample : K4544-23
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T16-17-B2-(0)

Quant Time: Sep 02 01:55:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 15:54:32 2019
Response via : Initial Calibration



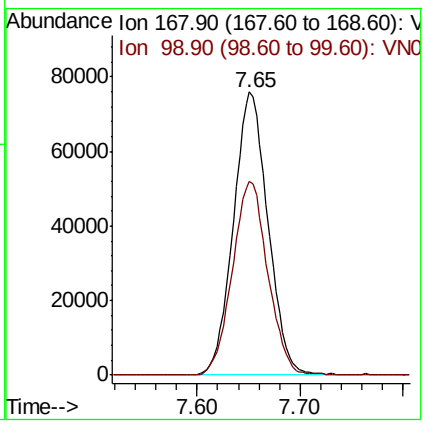


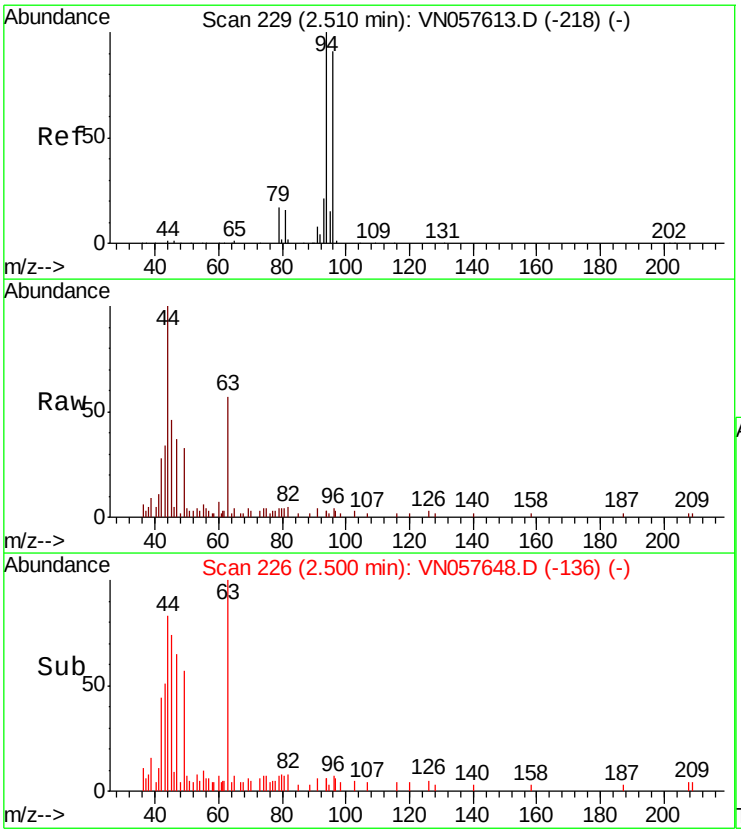
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Instrument :
MSVOA_N
ClientSampleId :
T16-17-B2-(0)

Tgt Ion:168 Resp: 176894

Ion	Ratio	Lower	Upper
168	100		
99	68.3	54.2	81.2

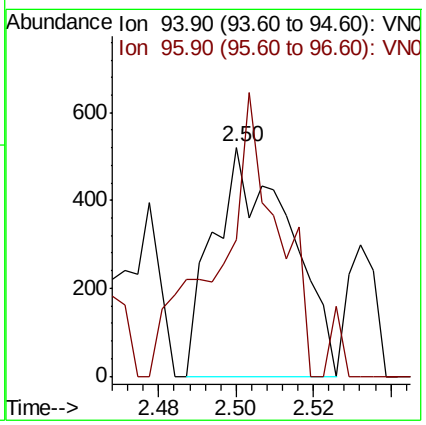


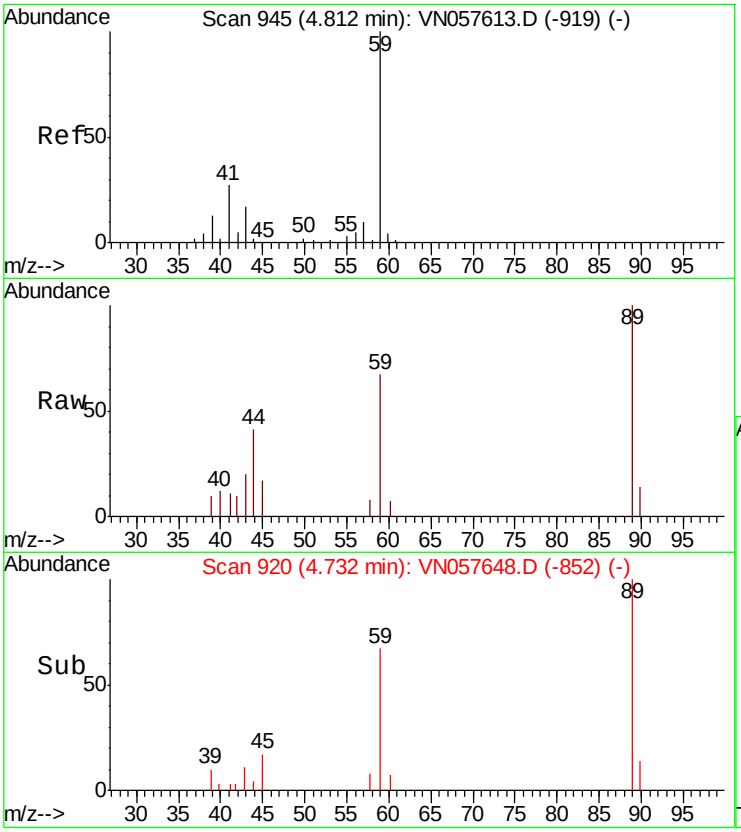


#5
Bromomethane
Concen: 0.437 ug/l
RT: 2.50 min Scan# 226
Delta R.T. -0.01 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Tgt Ion: 94 Resp: 707

Ion	Ratio	Lower	Upper
94	100		
96	29.2	72.9	109.3#



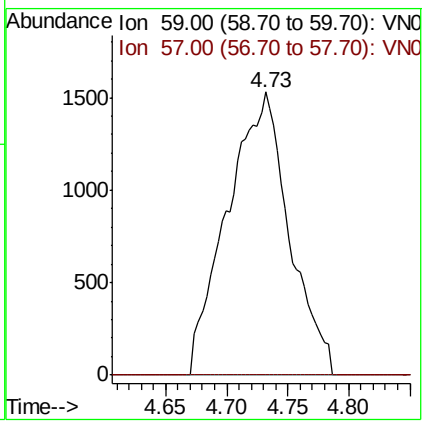


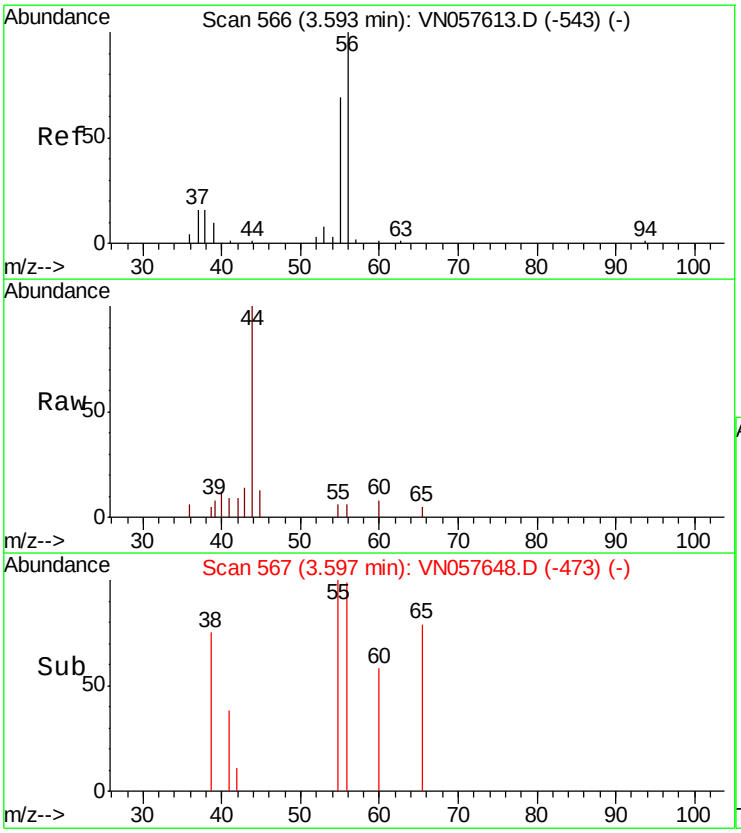
#11
Tert butyl alcohol
Concen: 12.820 ug/l
RT: 4.73 min Scan# 920
Delta R.T. -0.08 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Instrument :
MSVOA_N
ClientSampleId :
T16-17-B2-(0)

Tgt Ion: 59 Resp: 5373

Ion	Ratio	Lower	Upper
59	100		
57	0.0	5.0	7.6#

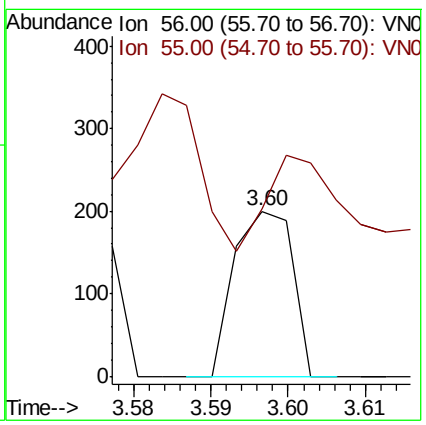


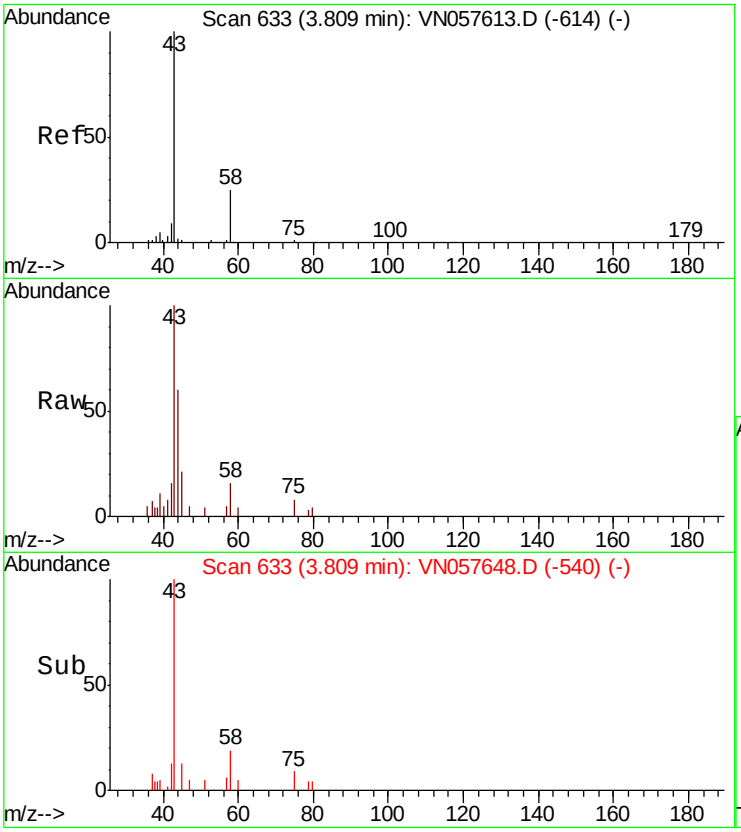


#13
Acrolein
Concen: 0.630 ug/l
RT: 3.60 min Scan# 567
Delta R.T. 0.00 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Tgt Ion: 56 Resp: 105

Ion	Ratio	Lower	Upper
56	100		
55	302.9	56.5	84.7#



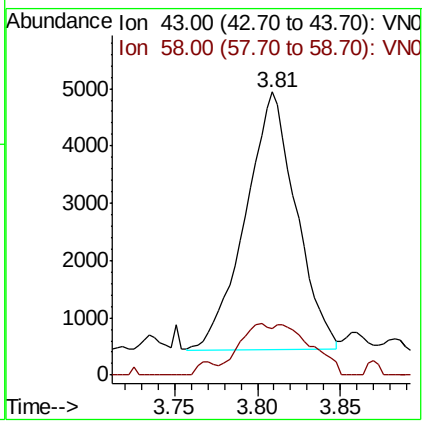


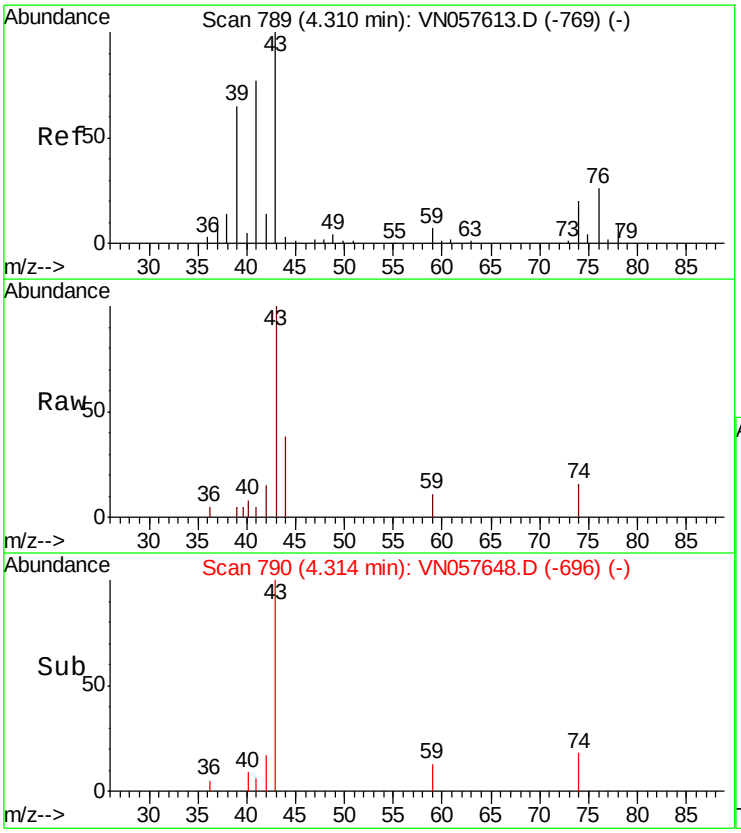
#16
Acetone
Concen: 8.524 ug/l
RT: 3.81 min Scan# 633
Delta R.T. 0.00 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Instrument :
MSVOA_N
ClientSampleId :
T16-17-B2-(0)

Tgt Ion: 43 Resp: 9546

Ion	Ratio	Lower	Upper
43	100		
58	18.2	20.0	30.0#

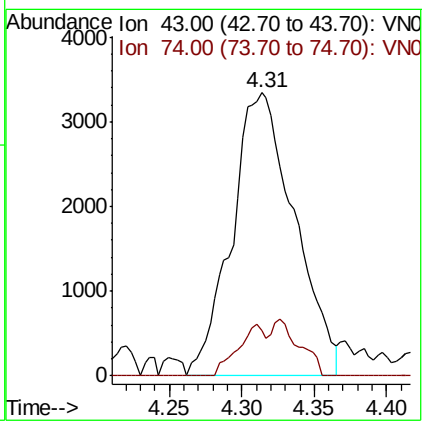


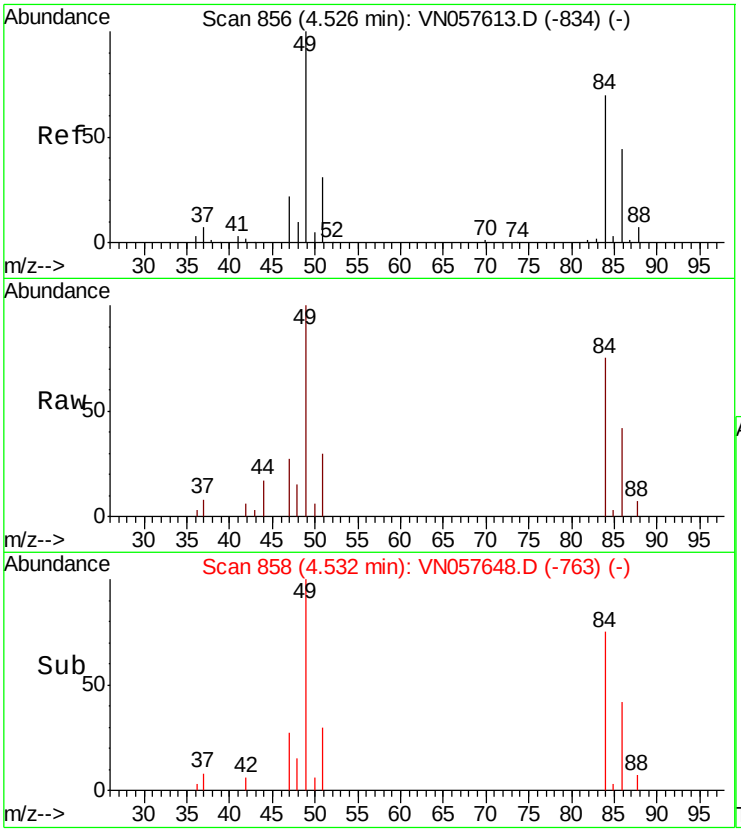


#18
Methyl Acetate
Concen: 2.619 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Tgt Ion: 43 Resp: 10071

Ion	Ratio	Lower	Upper
43	100		
74	7.9	15.7	23.5#



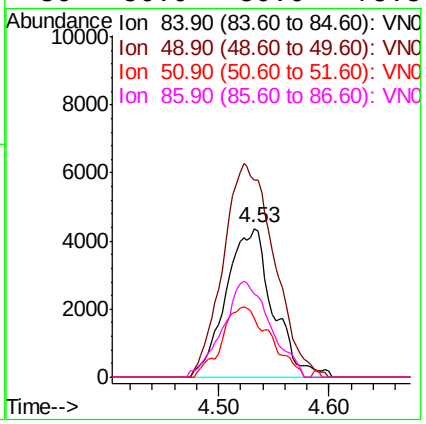


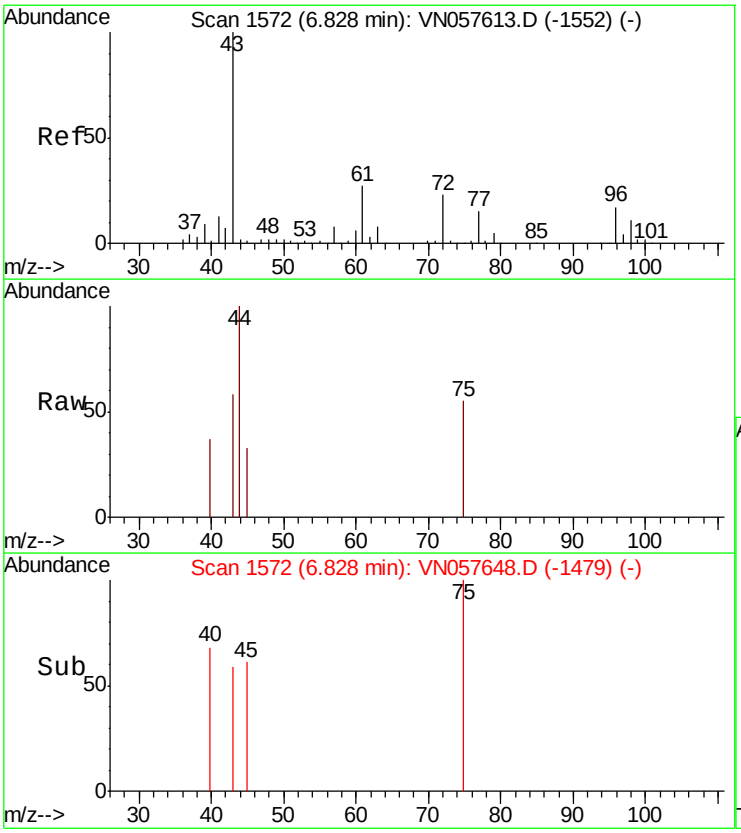
#20
Methylene Chloride
Concen: 4.660 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Instrument :
MSVOA_N
ClientSampleId :
T16-17-B2-(0)

Tgt Ion: 84 Resp: 12920

Ion	Ratio	Lower	Upper
84	100		
49	132.9	113.8	170.6
51	39.4	35.0	52.6
86	56.0	50.6	75.8

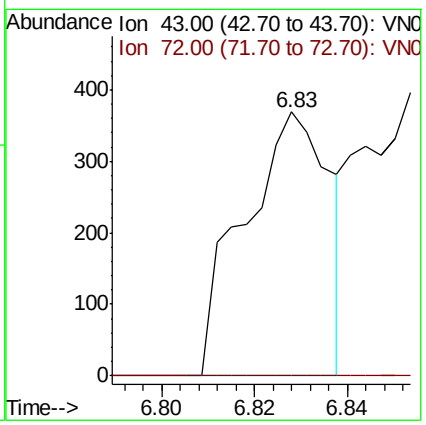


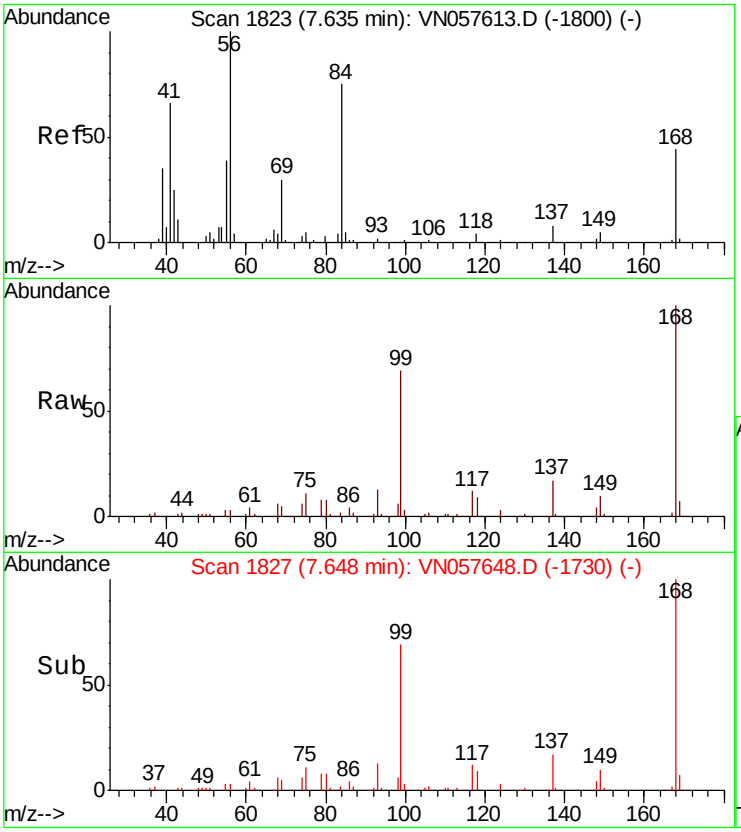


#25
2-Butanone
Concen: 0.253 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Tgt Ion: 43 Resp: 472

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.2	27.4#



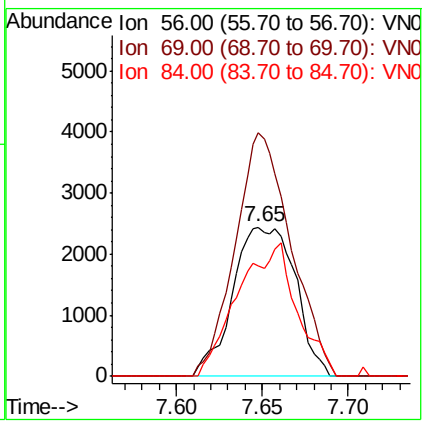


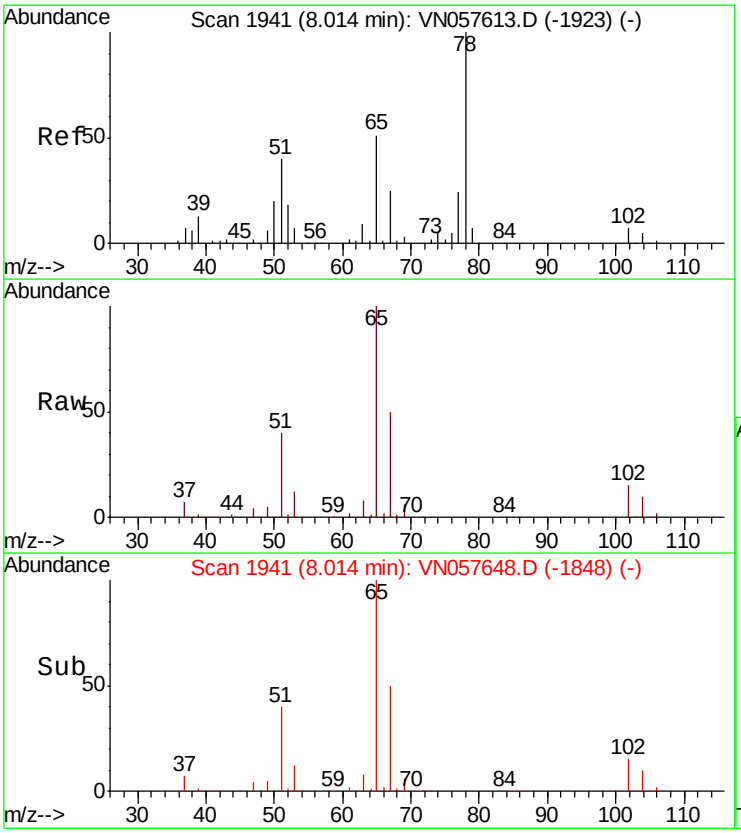
#31
Cyclohexane
Concen: 1.166 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Instrument :
MSVOA_N
ClientSampleId :
T16-17-B2-(0)

Tgt Ion: 56 Resp: 6173

Ion	Ratio	Lower	Upper
56	100		
69	163.0	24.4	36.6#
84	73.8	59.9	89.9

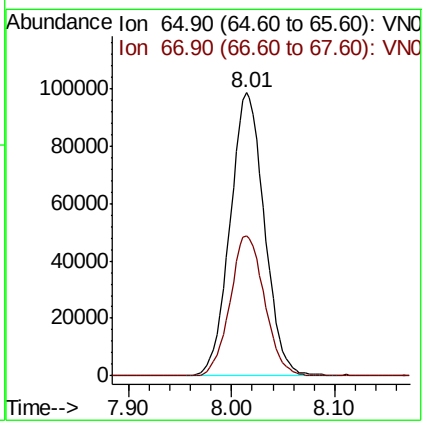


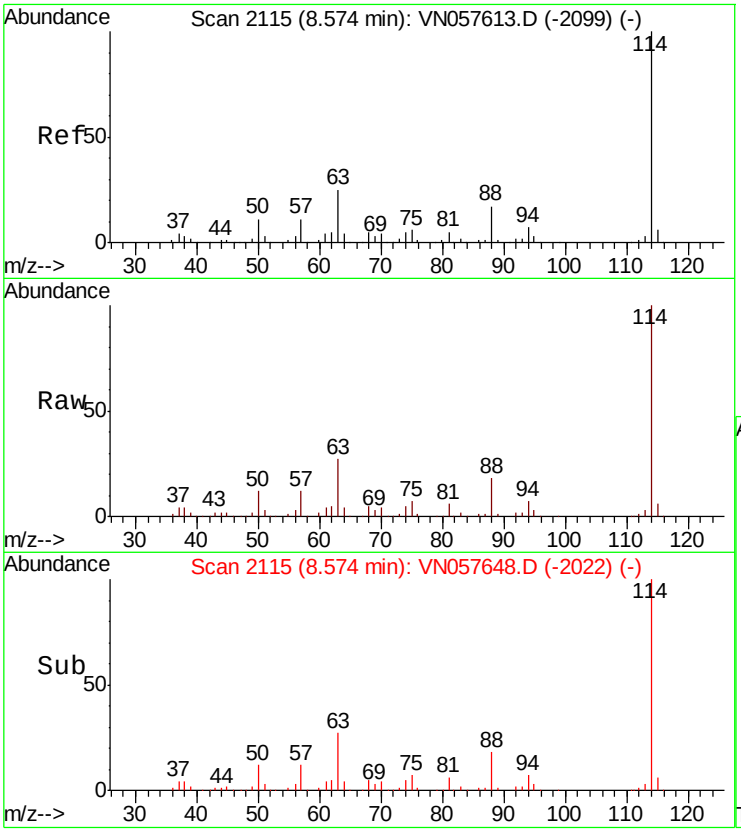


#33
1,2-Dichloroethane-d4
Concen: 56.956 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Tgt Ion: 65 Resp: 227596

Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	102.2



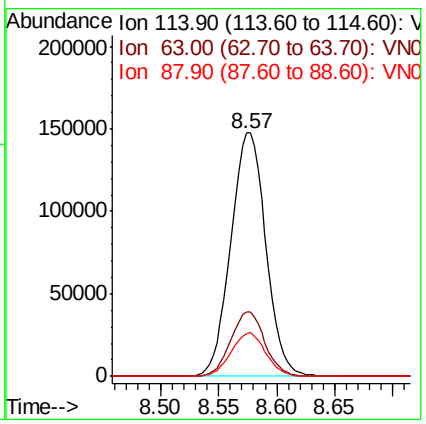


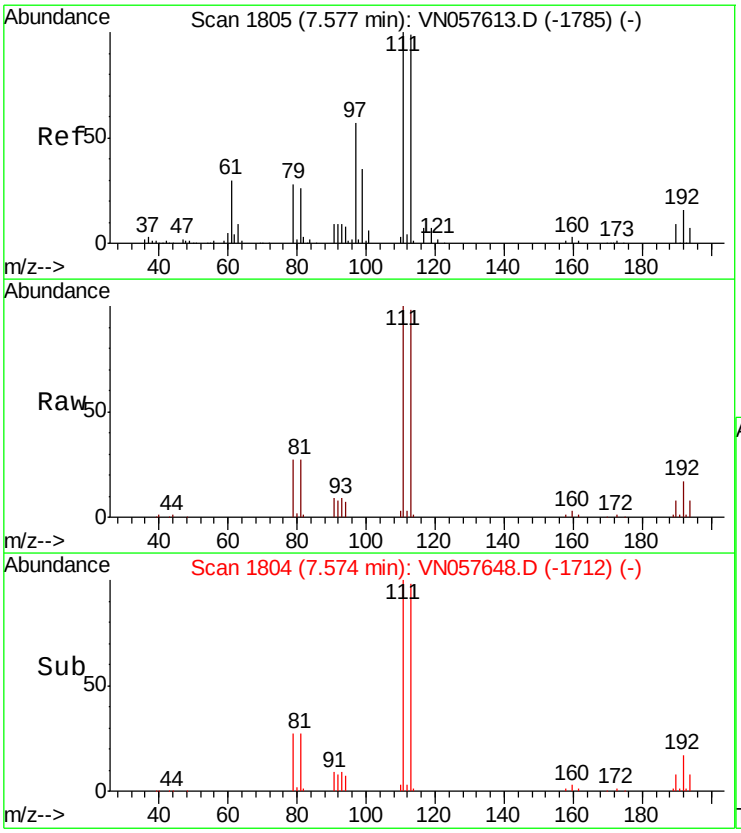
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Instrument :
MSVOA_N
ClientSampleId :
T16-17-B2-(0)

Tgt Ion:114 Resp: 309379

Ion	Ratio	Lower	Upper
114	100		
63	26.6	0.0	49.0
88	17.8	0.0	33.0

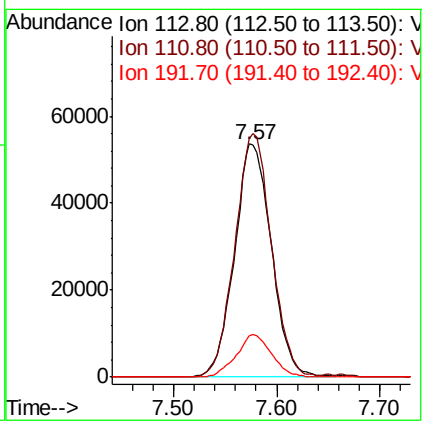


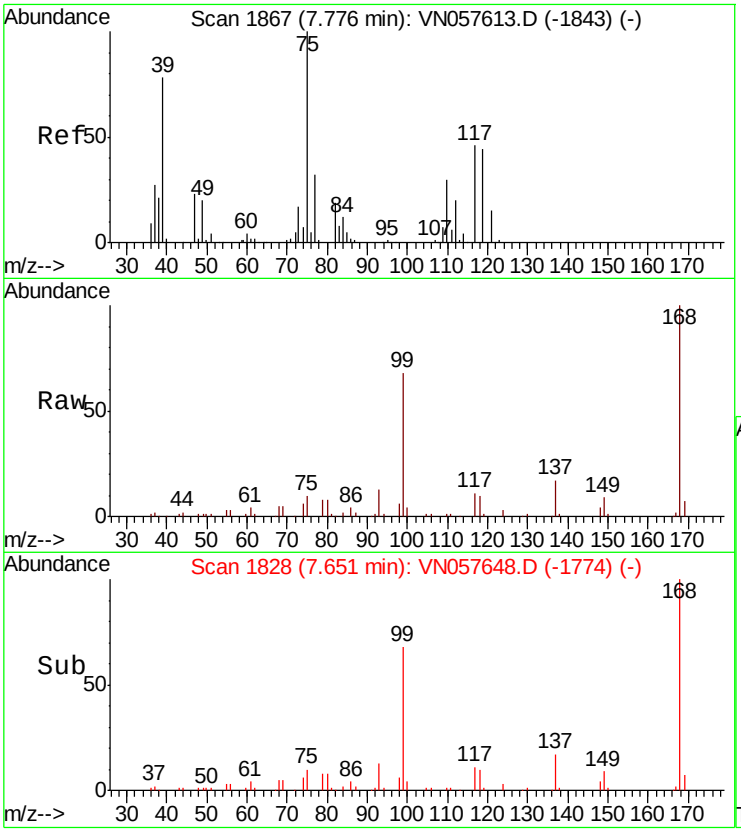


#35
Dibromofluoromethane
Concen: 49.387 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Tgt Ion:113 Resp: 133432

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.3	121.9
192	17.3	13.5	20.3



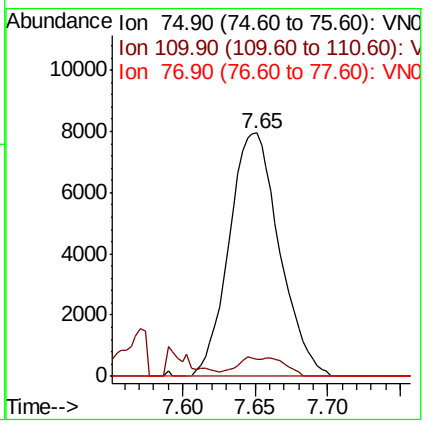


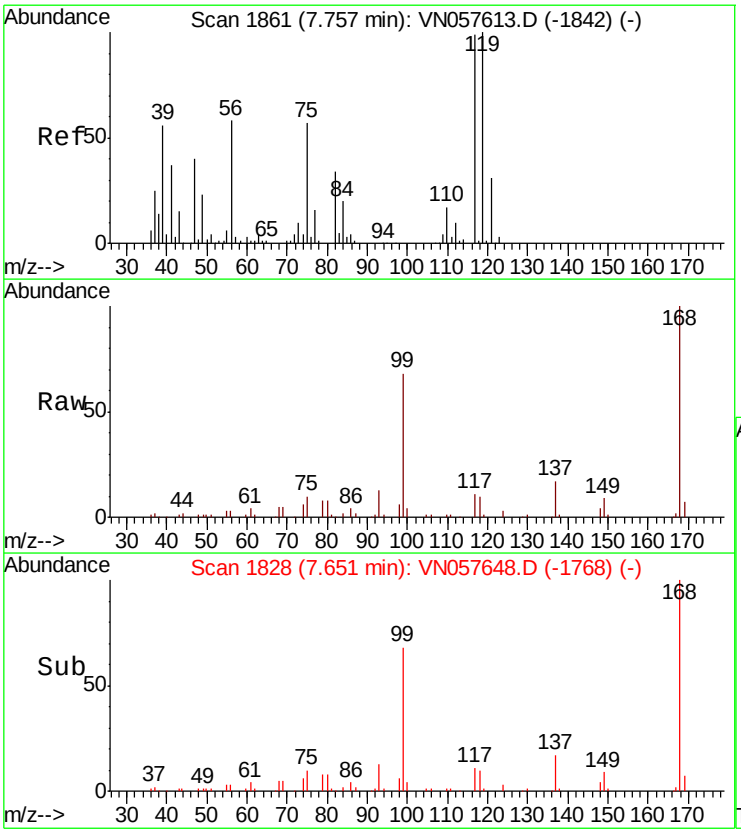
#36
1,1-Dichloropropene
Concen: 4.666 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.13 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Instrument :
MSVOA_N
ClientSampleId :
T16-17-B2-(0)

Tgt Ion: 75 Resp: 19138

Ion	Ratio	Lower	Upper
75	100		
110	2.1	15.6	46.8#
77	0.0	24.9	37.3#

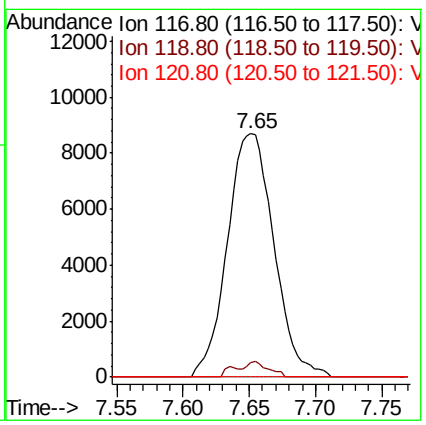


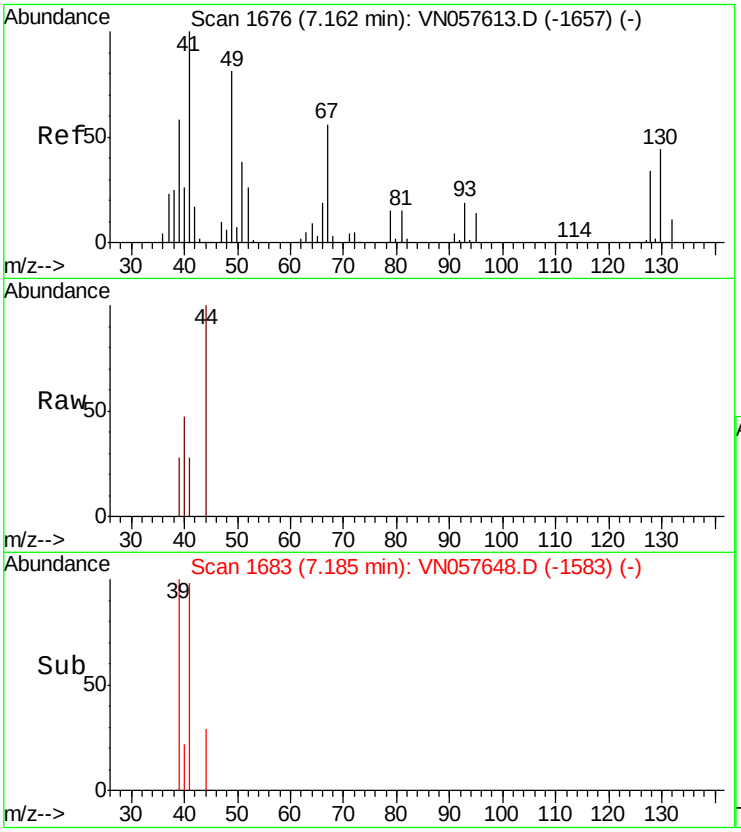


#38
Carbon Tetrachloride
Concen: 5.790 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.11 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Tgt Ion:117 Resp: 21258

Ion	Ratio	Lower	Upper
117	100		
119	5.8	80.6	120.8#
121	0.0	25.1	37.7#



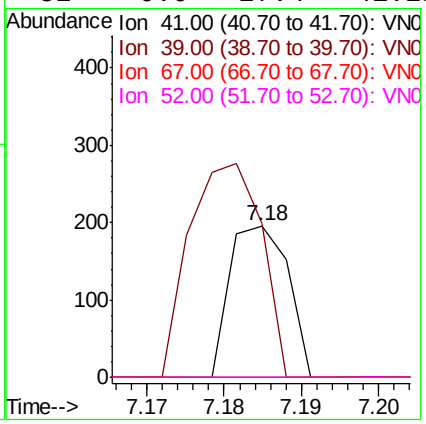


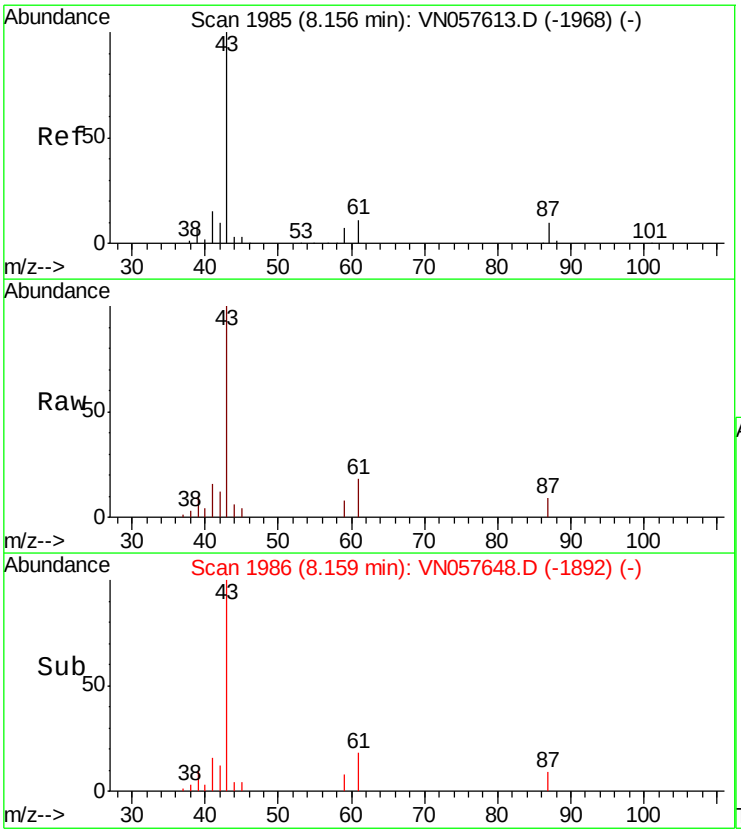
#41
Methacrylonitrile
Concen: 2.328 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.02 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Instrument :
MSVOA_N
ClientSampleId :
T16-17-B2-(0)

Tgt Ion: 41 Resp: 103

Ion	Ratio	Lower	Upper
41	100		
39	172.8	50.6	75.8#
67	0.0	56.9	85.3#
52	0.0	27.4	41.2#

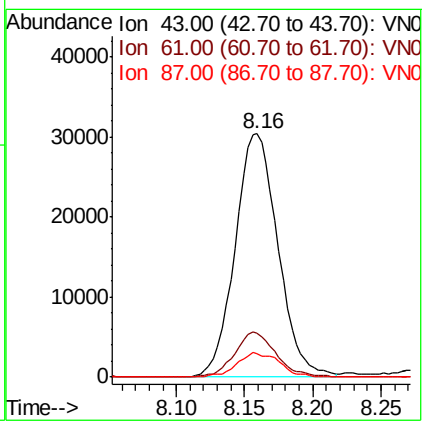


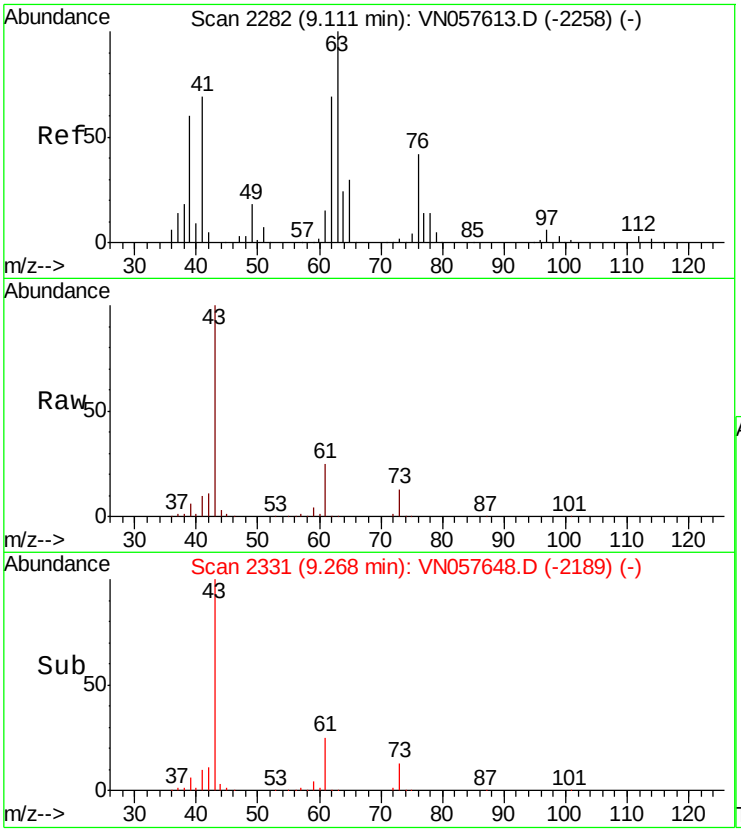


#43
Isopropyl Acetate
Concen: 9.440 ug/l
RT: 8.16 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Tgt Ion: 43 Resp: 66362

Ion	Ratio	Lower	Upper
43	100		
61	17.8	13.1	19.7
87	9.9	8.1	12.1



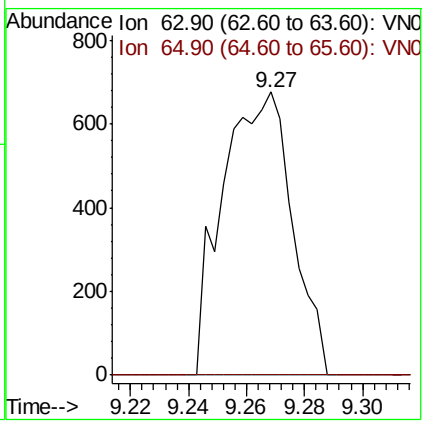


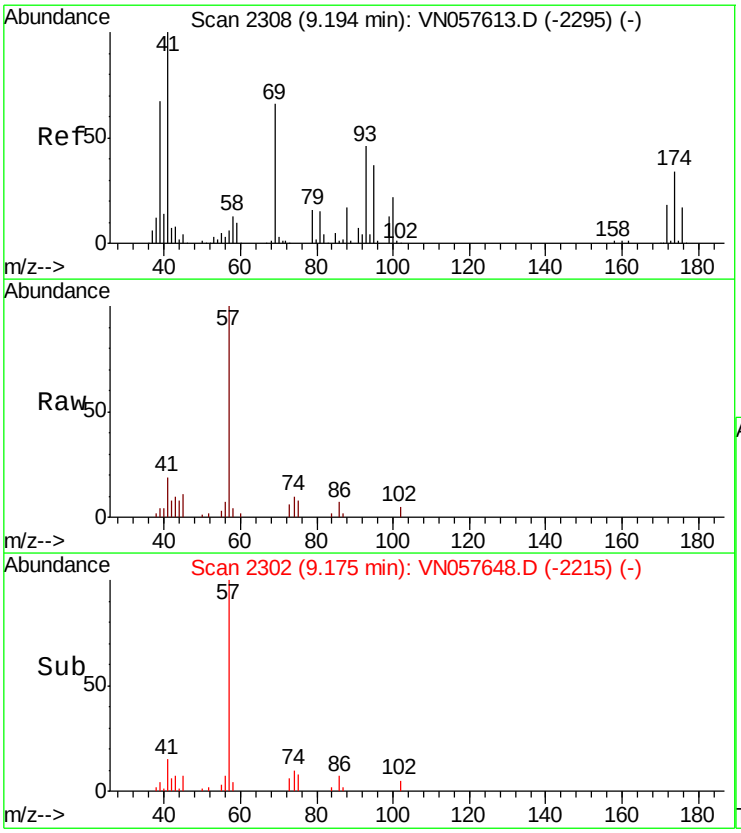
#45
1,2-Dichloropropane
Concen: 0.339 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.16 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Instrument :
MSVOA_N
ClientSampleId :
T16-17-B2-(0)

Tgt Ion: 63 Resp: 1129

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.4	36.6#

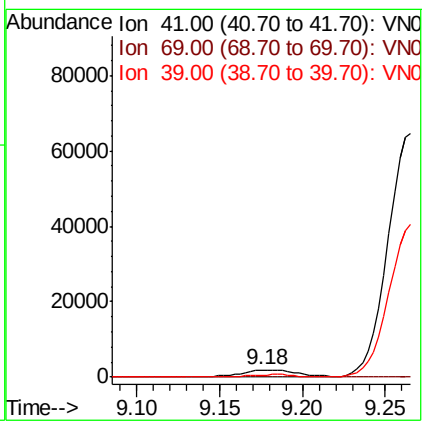


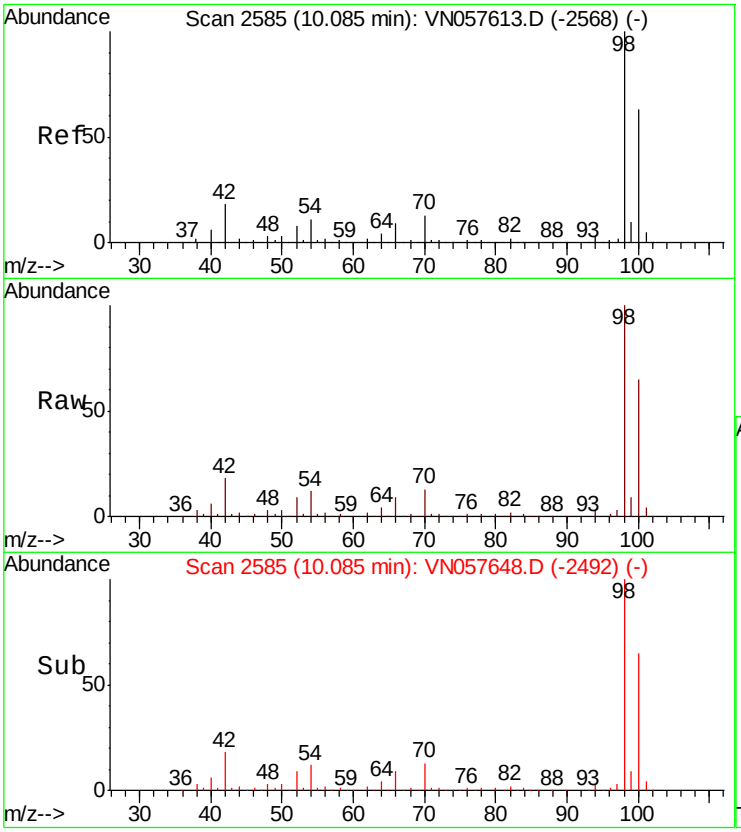


#48
Methyl methacrylate
Concen: 1.273 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Tgt Ion: 41 Resp: 4569

Ion	Ratio	Lower	Upper
41	100		
69	0.0	55.1	82.7#
39	0.0	55.4	83.2#



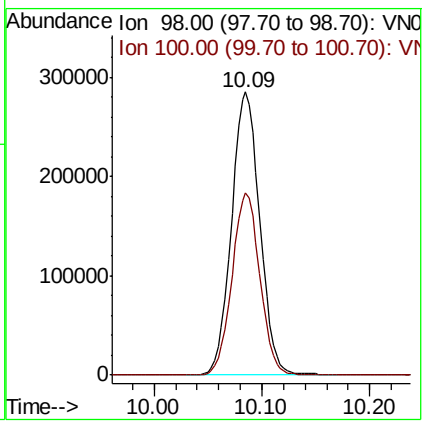


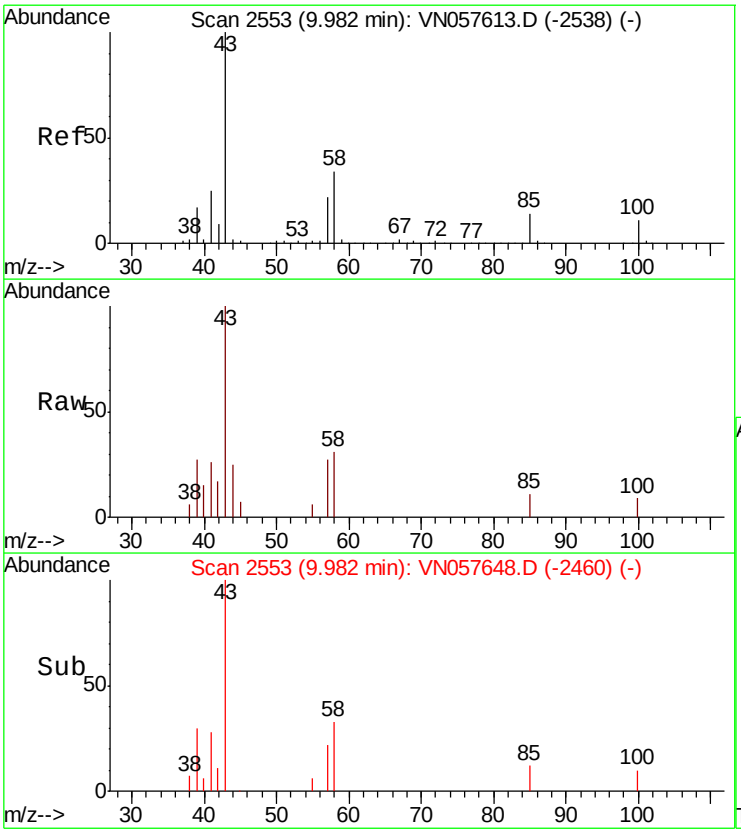
#50
Toluene-d8
Concen: 50.319 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Instrument : MSVOA_N
ClientSampleId : T16-17-B2-(0)

Tgt Ion: 98 Resp: 521939

Ion	Ratio	Lower	Upper
98	100		
100	63.3	49.8	74.8

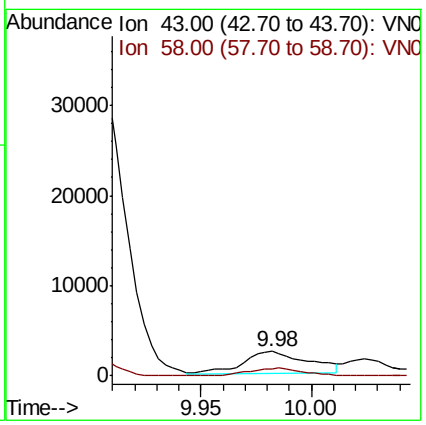


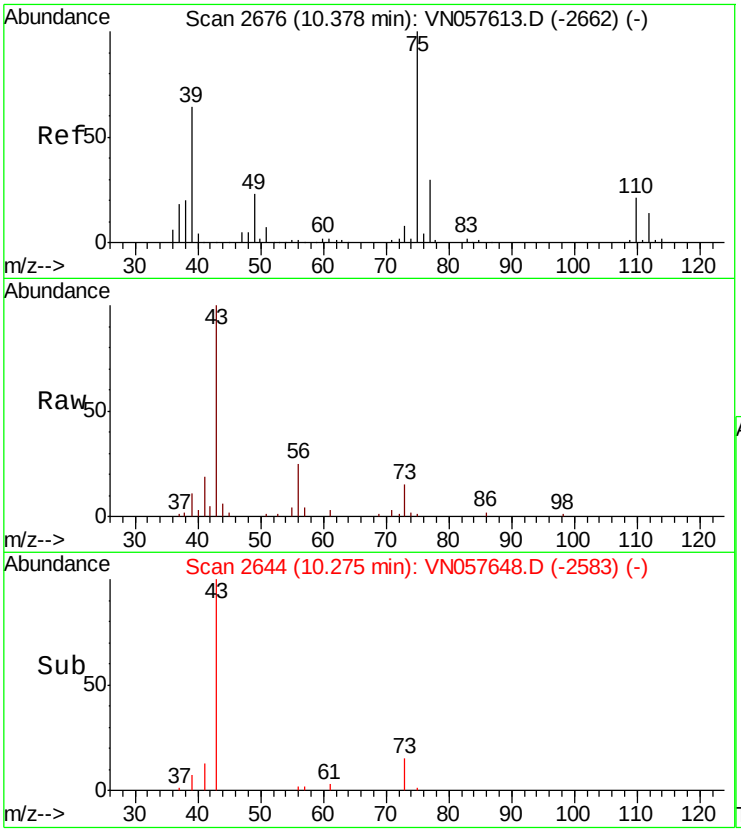


#51
4-Methyl-2-Pentanone
Concen: 1.261 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. 0.00 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Tgt Ion: 43 Resp: 5080

Ion	Ratio	Lower	Upper
43	100		
58	28.5	26.9	40.3



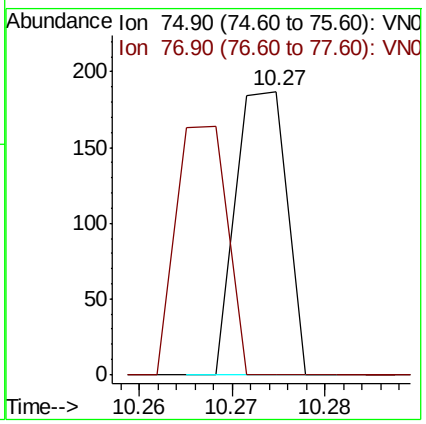


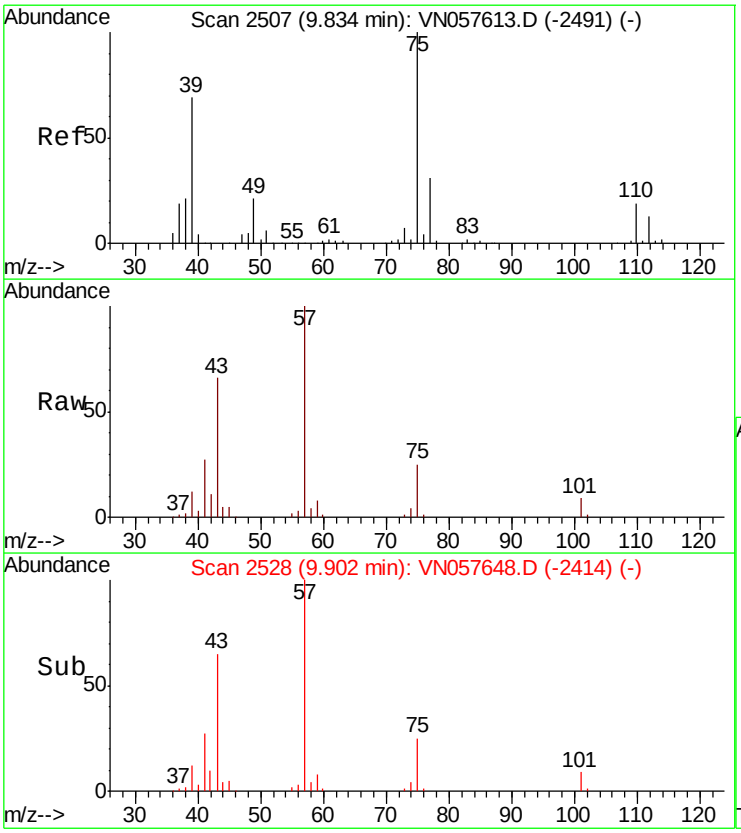
#53
t-1,3-Dichloropropene
Concen: 3.235 ug/l
RT: 10.27 min Scan# 2644
Delta R.T. -0.10 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Instrument :
MSVOA_N
ClientSampleId :
T16-17-B2-(0)

Tgt Ion: 75 Resp: 72

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.1	36.1#

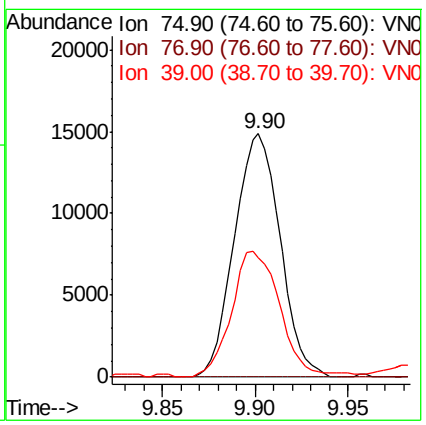


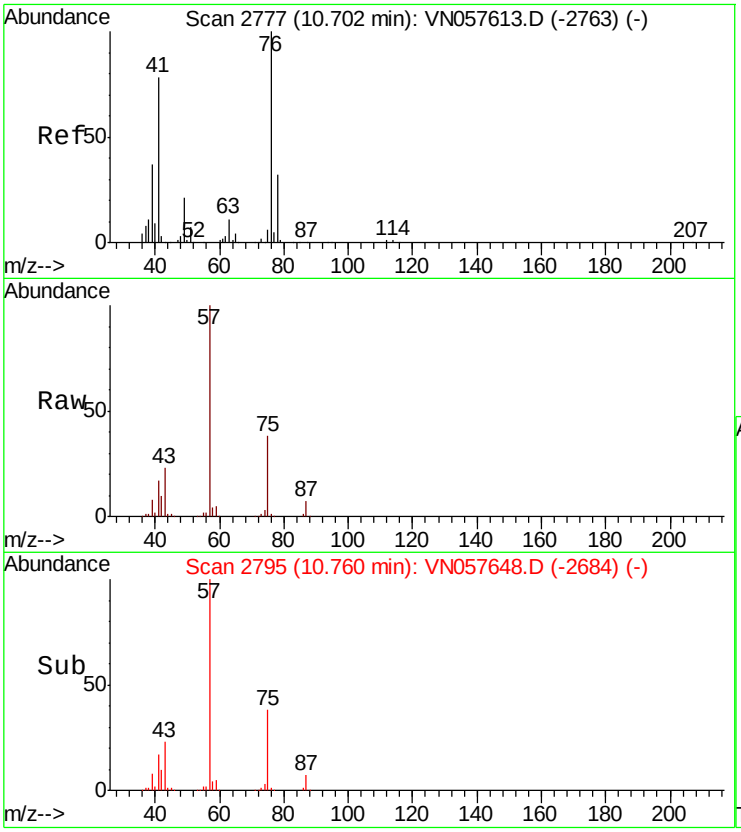


#54
cis-1,3-Dichloropropene
Concen: 6.619 ug/l
RT: 9.90 min Scan# 2528
Delta R.T. 0.07 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Tgt Ion: 75 Resp: 25600

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.8	37.2#
39	49.2	55.0	82.4#



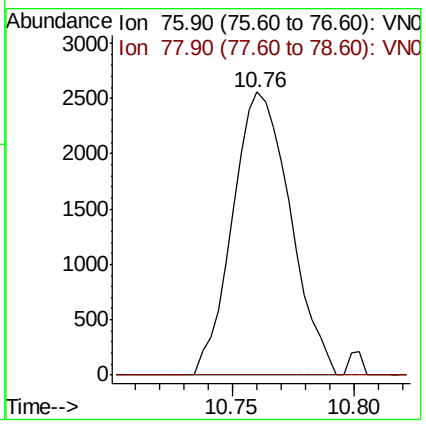


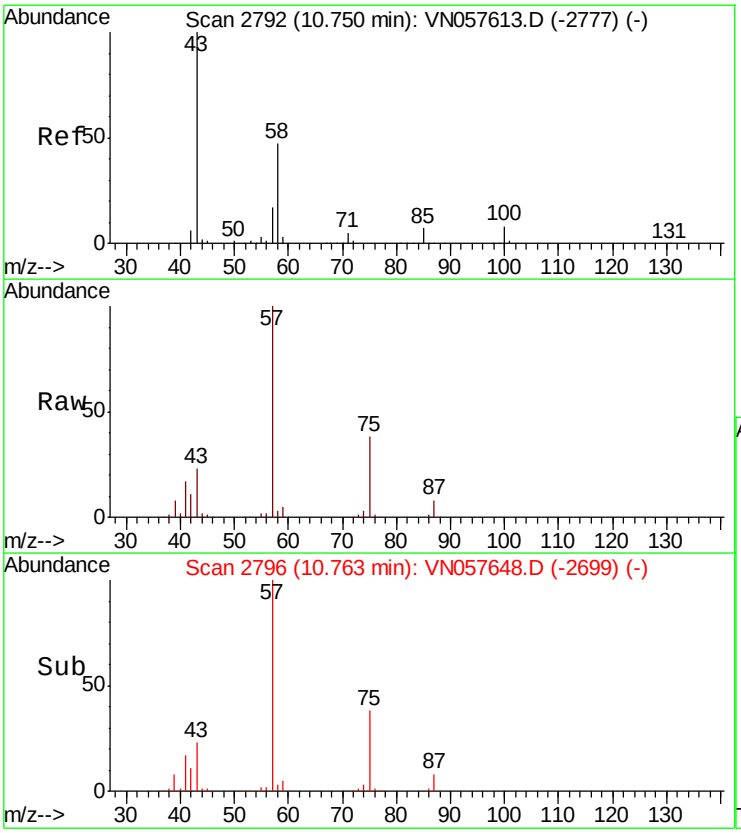
#57
1,3-Dichloropropane
Concen: 0.854 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.06 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Instrument :
MSVOA_N
ClientSampleId :
T16-17-B2-(0)

Tgt Ion: 76 Resp: 4193

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.4	38.2#

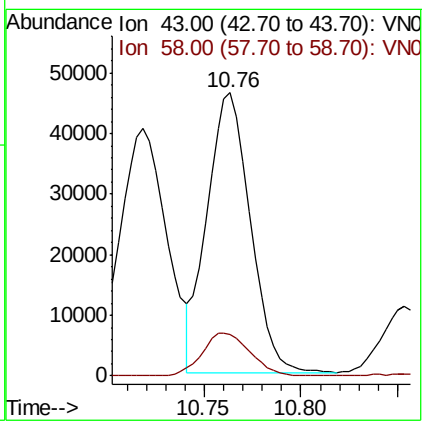


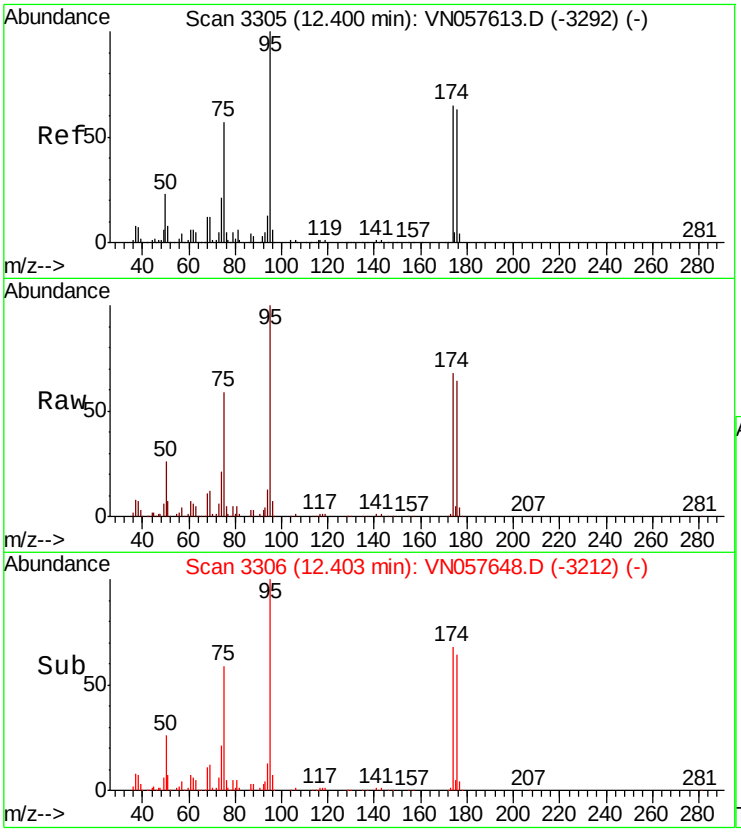


#59
2-Hexanone
Concen: 24.224 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Tgt Ion: 43 Resp: 71672

Ion	Ratio	Lower	Upper
43	100		
58	16.9	23.5	70.5#



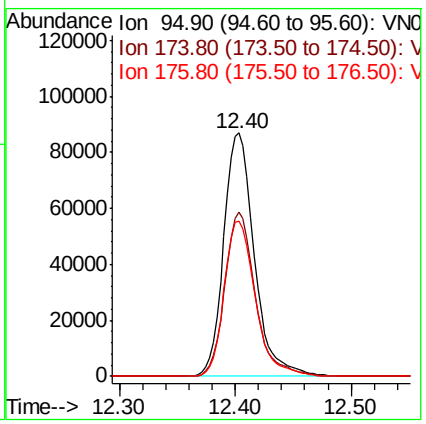


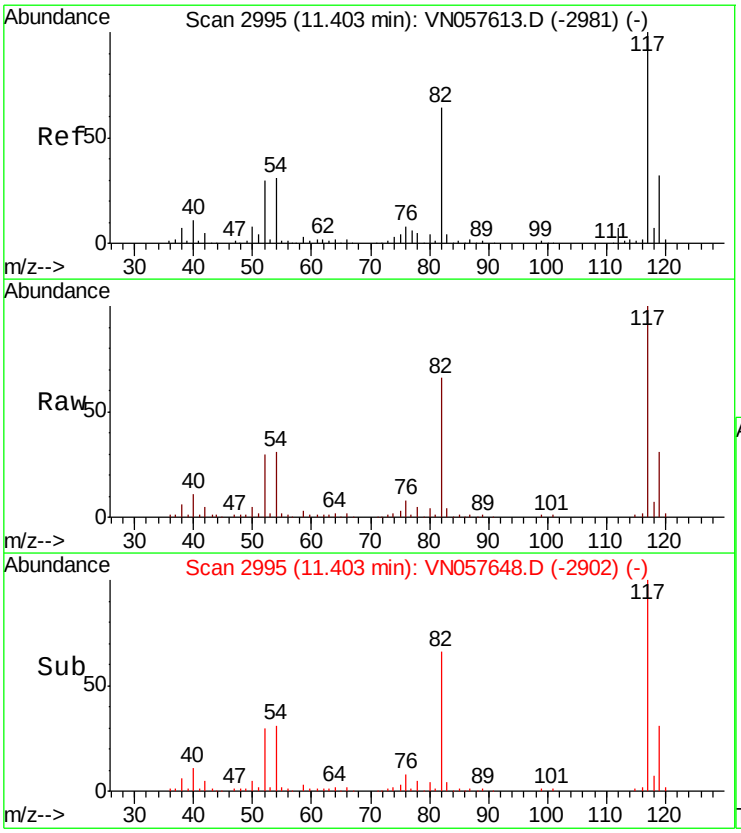
#62
4-Bromofluorobenzene
Concen: 40.309 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Instrument :
MSVOA_N
ClientSampleId :
T16-17-B2-(0)

Tgt Ion: 95 Resp: 158991

Ion	Ratio	Lower	Upper
95	100		
174	67.0	0.0	134.8
176	64.9	0.0	131.6

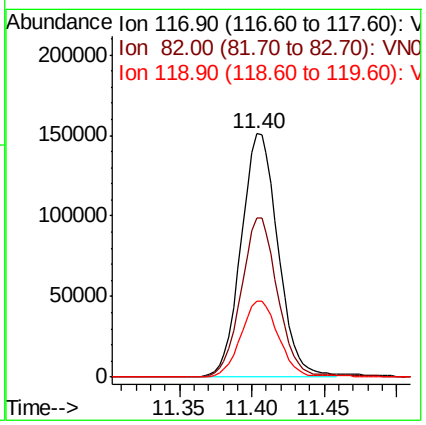


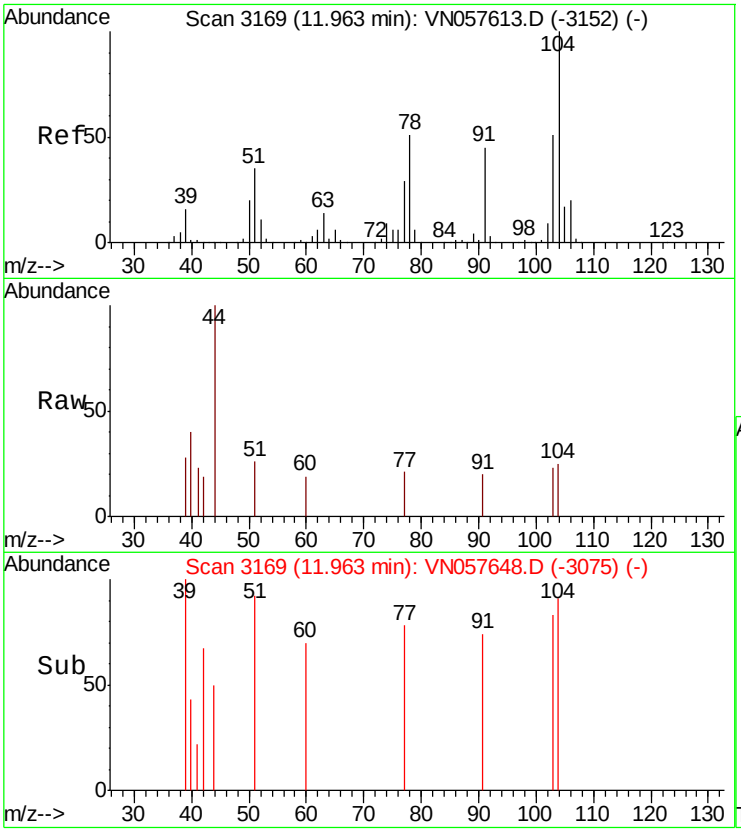


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Tgt Ion:117 Resp: 267638

Ion	Ratio	Lower	Upper
117	100		
82	65.5	51.6	77.4
119	31.3	25.8	38.6



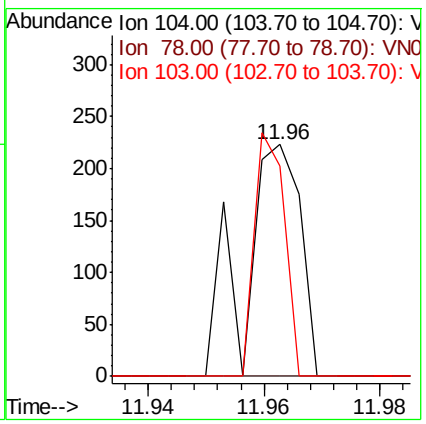


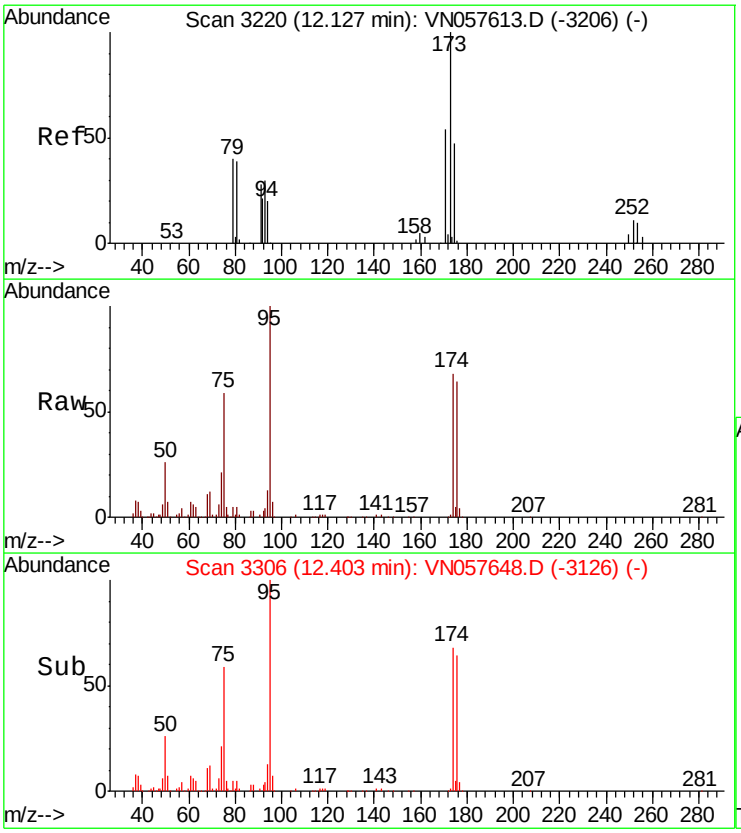
#70
Styrene
Concen: 2.601 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Instrument :
MSVOA_N
ClientSampleId :
T16-17-B2-(0)

Tgt Ion:104 Resp: 149

Ion	Ratio	Lower	Upper
104	100		
78	0.0	46.6	70.0#
103	56.4	44.7	67.1

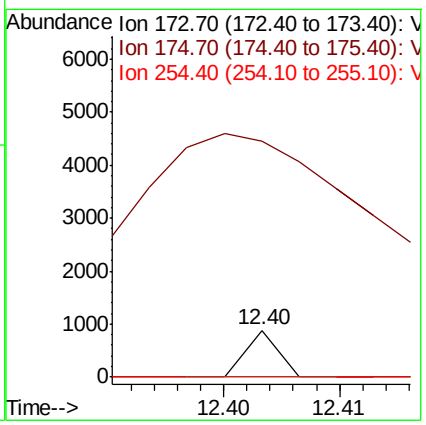


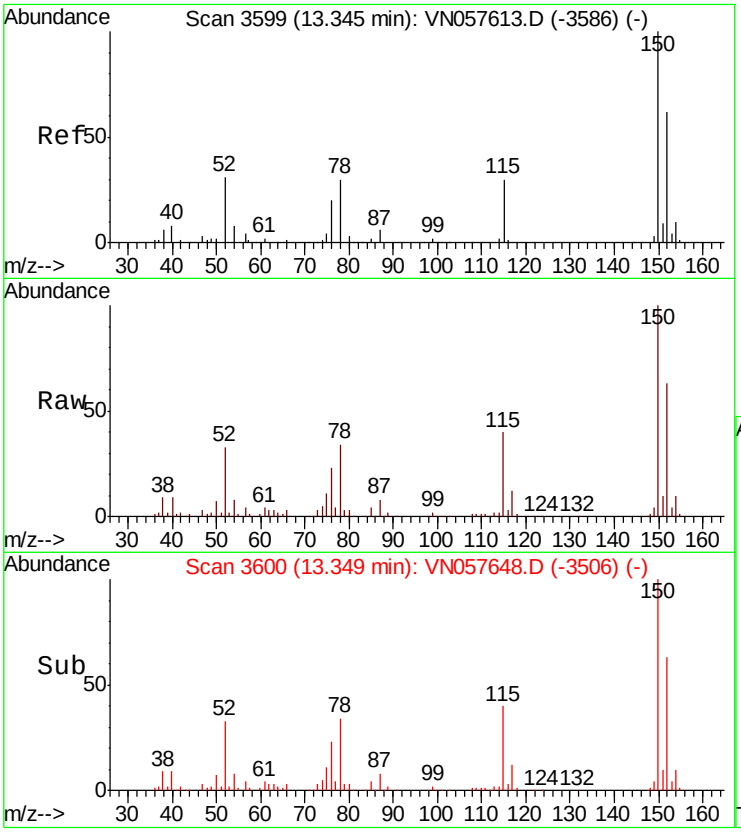


#71
Bromoform
Concen: 6.304 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Tgt Ion:173 Resp: 169

Ion	Ratio	Lower	Upper
173	100		
175	3948.5	24.4	73.4#
254	0.0	0.0	0.0



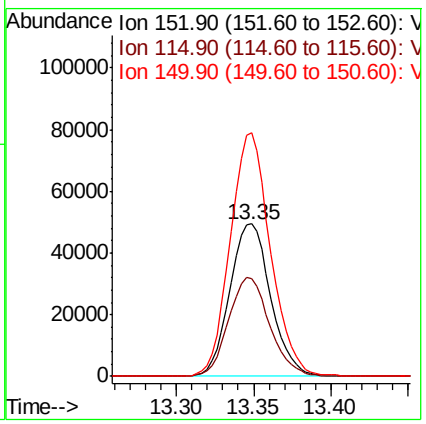


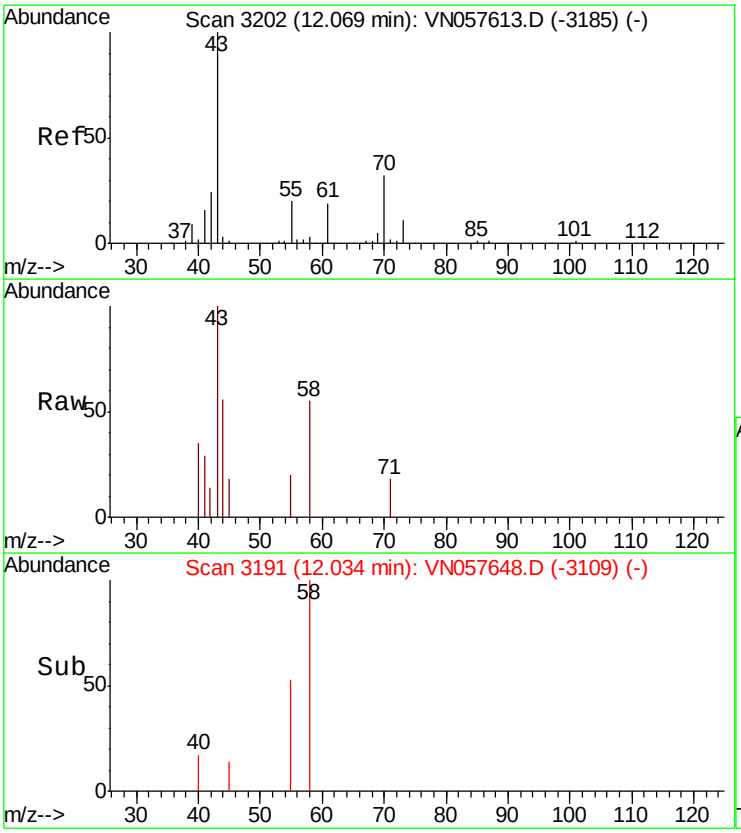
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Instrument :
MSVOA_N
ClientSampleId :
T16-17-B2-(0)

Tgt Ion:152 Resp: 90414

Ion	Ratio	Lower	Upper
152	100		
115	65.0	33.2	99.6
150	157.4	0.0	365.2

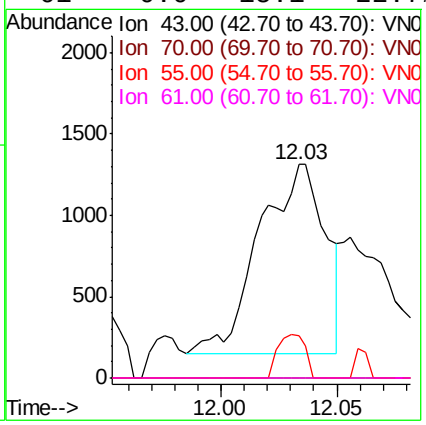


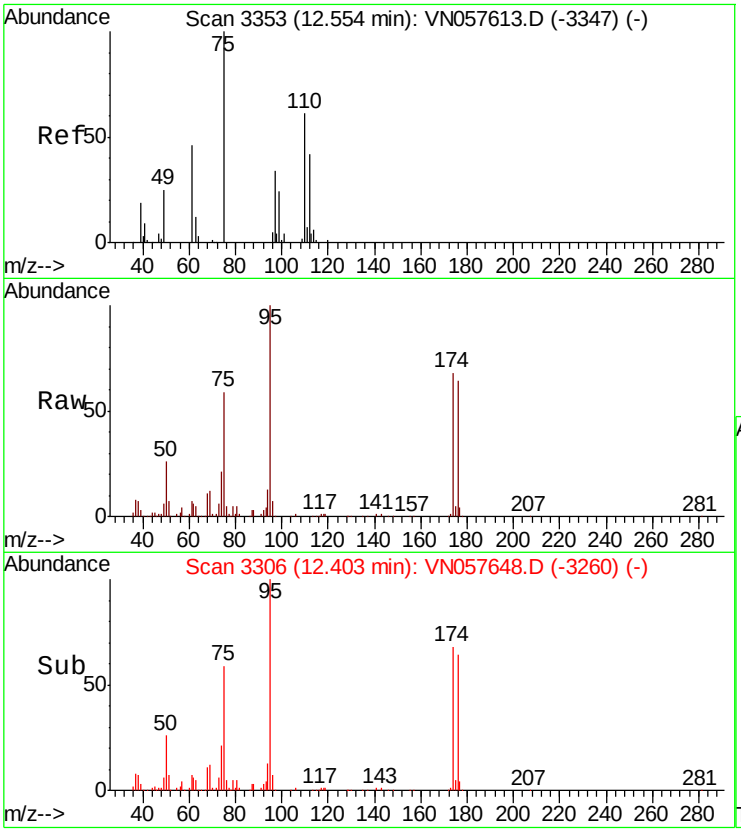


#74
N-amyl acetate
Concen: 0.534 ug/l
RT: 12.03 min Scan# 3191
Delta R.T. -0.04 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Tgt Ion: 43 Resp: 2301

Ion	Ratio	Lower	Upper
43	100		
70	0.0	26.9	40.3#
55	9.5	16.8	25.2#
61	0.0	15.1	22.7#



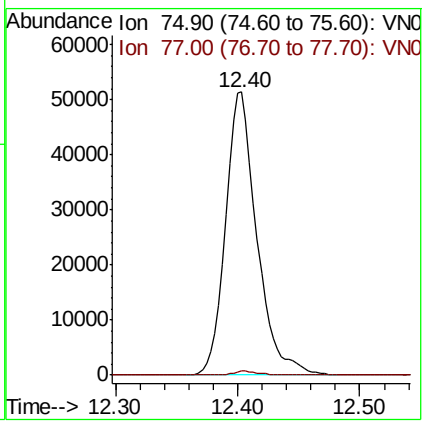


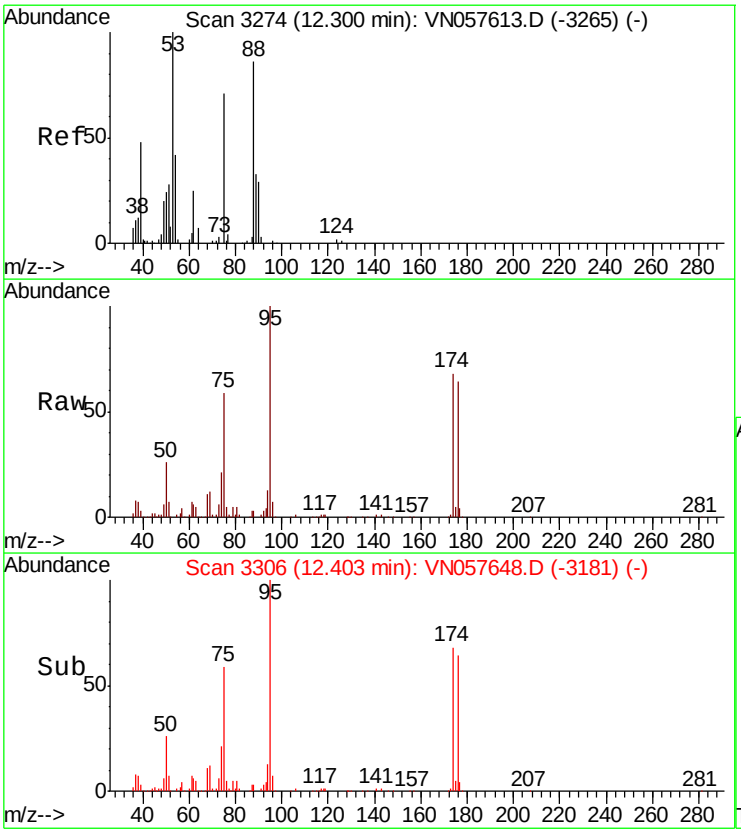
#76
1,2,3-Trichloropropane
Concen: 38.725 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Instrument :
MSVOA_N
ClientSampleId :
T16-17-B2-(0)

Tgt Ion: 75 Resp: 92100

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

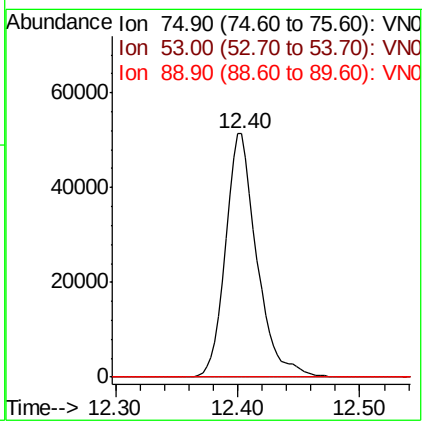


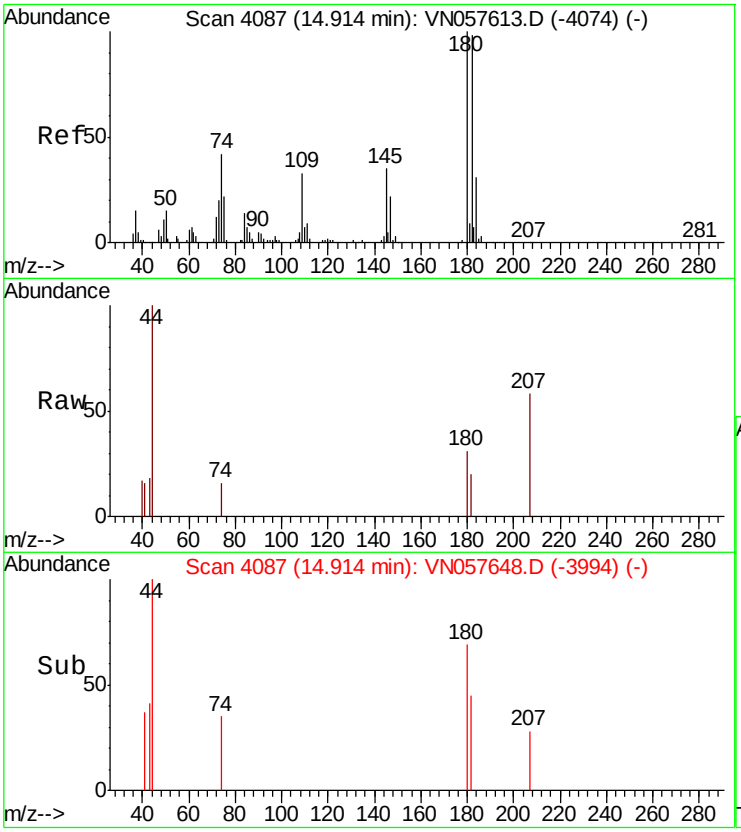


#81
trans-1,4-Dichloro-2-butene
Concen: 132.743 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Tgt Ion: 75 Resp: 92100

Ion	Ratio	Lower	Upper
75	100		
53	0.0	111.0	166.6#
89	0.0	38.3	57.5#



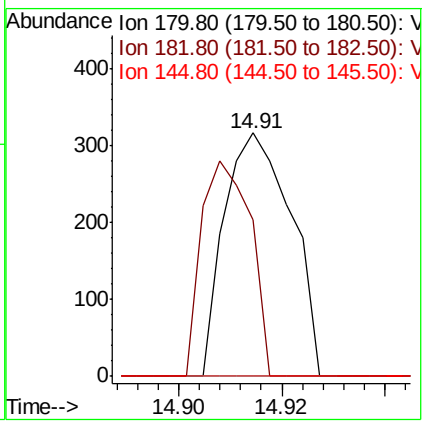


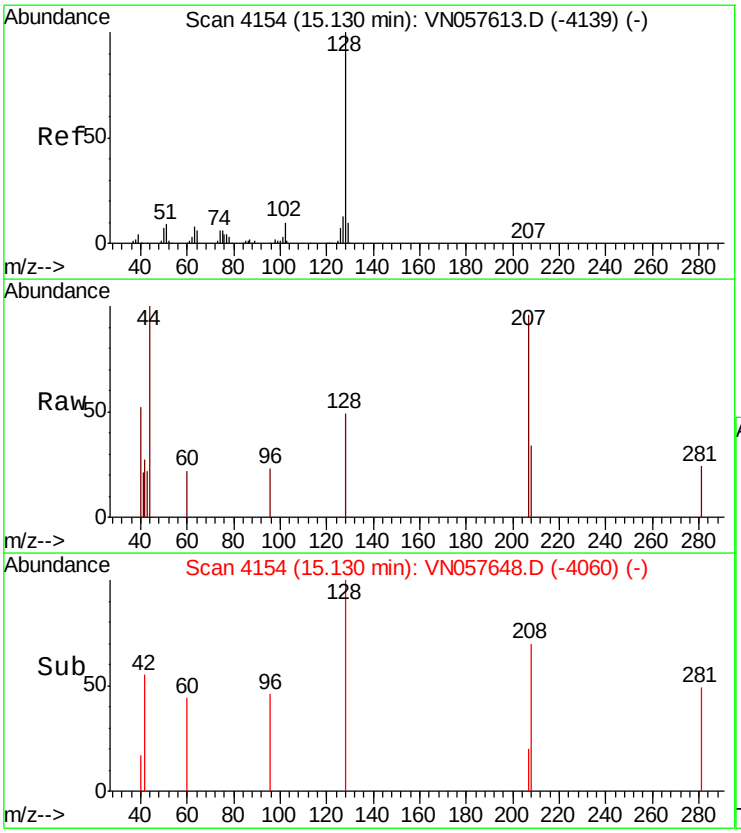
#93
1,2,4-Trichlorobenzene
Concen: 8.476 ug/l
RT: 14.91 min Scan# 4087
Delta R.T. 0.00 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Instrument :
MSVOA_N
ClientSampleId :
T16-17-B2-(0)

Tgt Ion:180 Resp: 283

Ion	Ratio	Lower	Upper
180	100		
182	65.0	47.8	143.3
145	0.0	16.9	50.7#

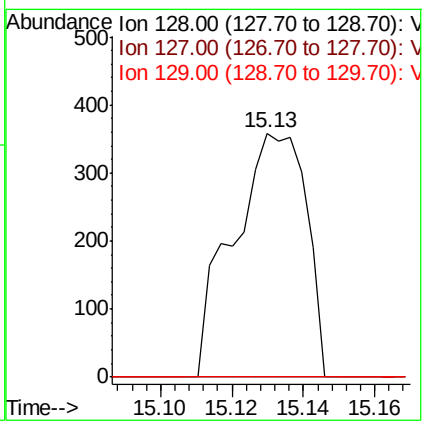


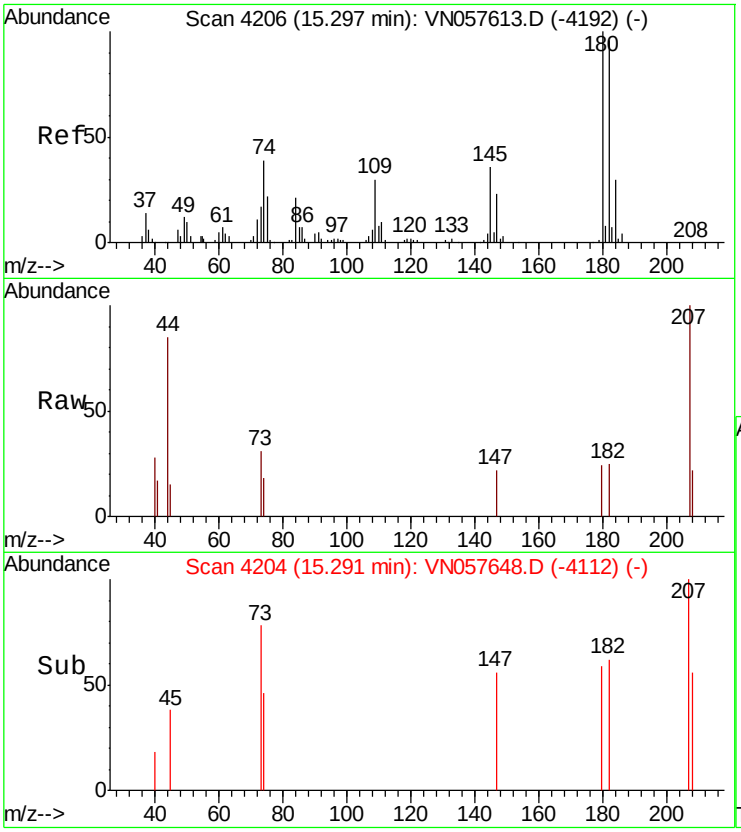


#95
Naphthalene
Concen: 7.013 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Tgt Ion:128 Resp: 506

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.6	12.8#





#96
1,2,3-Trichlorobenzene
Concen: 7.904 ug/l
RT: 15.29 min Scan# 4204
Delta R.T. -0.01 min
Lab File: VN057648.D
Acq: 1 Sep 2019 16:53

Instrument :
MSVOA_N
ClientSampleId :
T16-17-B2-(0)

Tgt Ion:180 Resp: 217

Ion	Ratio	Lower	Upper
180	100		
182	126.3	46.3	138.9
145	0.0	17.8	53.3#