Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN041620\
Data File : VN061017.D
Acq On : 16 Apr 2020 17:27
Operator : JC/MD
Sample : L2245-40
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : TP-5-13-14

Quant Time: Apr 17 03:59:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	157723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	266317	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	250830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	110743	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	105869	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.92%			
35) Dibromofluoromethane	7.56	113	79589	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.34%			
50) Toluene-d8	10.08	98	330996	56.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.64%			
62) 4-Bromofluorobenzene	12.39	95	124071	53.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.72%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.73	59	454	1.268	ug/l #	73
16) Acetone	3.78	43	37938	42.713	ug/l	99
17) Carbon Disulfide	4.03	76	1924	0.356	ug/l #	74
18) Methyl Acetate	4.28	43	787	0.283	ug/l #	54
20) Methylene Chloride	4.52	84	3807	1.963	ug/l	92
25) 2-Butanone	6.80	43	12821	9.420	ug/l	94
29) Tetrahydrofuran	7.18	42	455	0.492	ug/l #	36
31) Cyclohexane	7.63	56	3672	0.977	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	12955	4.714	ug/l #	49
37) Ethyl Acetate	6.80	43	12821	4.297	ug/l #	72
38) Carbon Tetrachloride	7.64	117	15658	6.845	ug/l #	15
43) Isopropyl Acetate	8.14	43	55294	11.393	ug/l #	92
45) 1,2-Dichloropropane	9.25	63	925	0.420	ug/l #	43
48) Methyl methacrylate	9.16	41	3304	1.541	ug/l #	14
51) 4-Methyl-2-Pentanone	9.97	43	7301	2.610	ug/l	96
54) cis-1,3-Dichloropropene	9.89	75	22084	6.497	ug/l #	59
57) 1,3-Dichloropropane	10.75	76	2968	0.899	ug/l #	43
59) 2-Hexanone	10.75	43	44390	22.001	ug/l #	52
71) Bromoform	12.40	173	673	0.487	ug/l #	1
74) N-amyl acetate	12.02	43	1997	0.484	ug/l #	45
76) 1,2,3-Trichloropropane	12.39	75	63110	25.908	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	63110	63.905	ug/l #	12
95) Naphthalene	15.13	128	1442	0.237	ug/l #	69

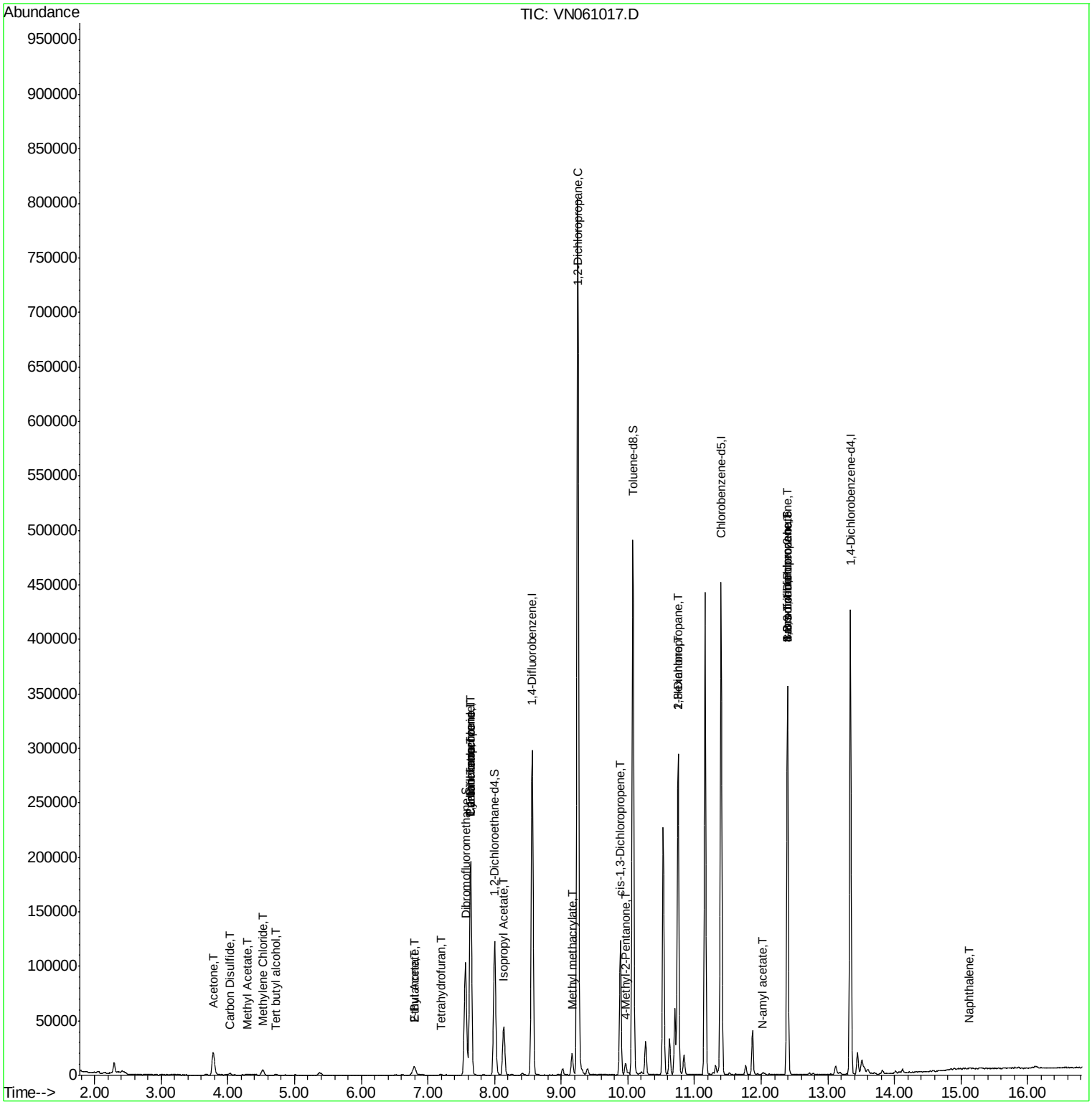
(#) = qualifier out of range (m) = manual integration (+) = signals summed

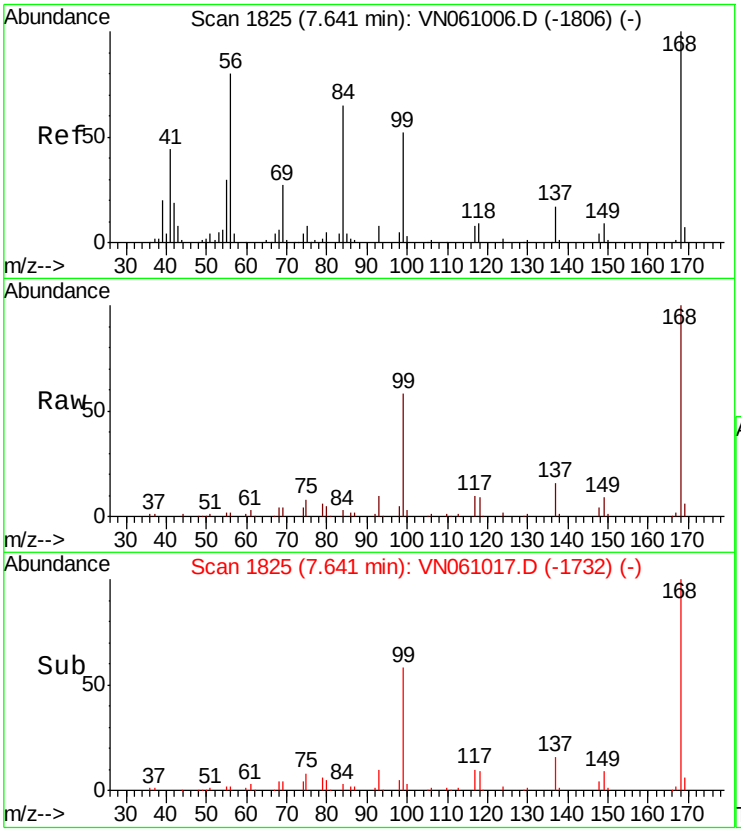
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN041620\
Data File : VN061017.D
Acq On : 16 Apr 2020 17:27
Operator : JC/MD
Sample : L2245-40
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-5-13-14

Quant Time: Apr 17 03:59:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration



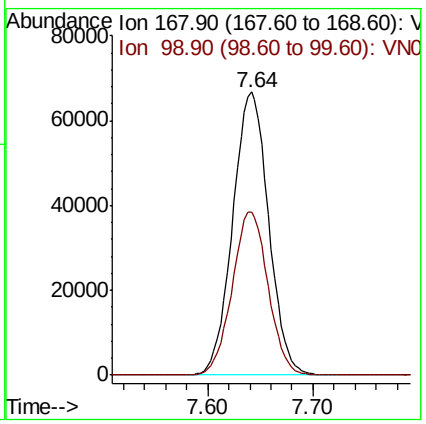


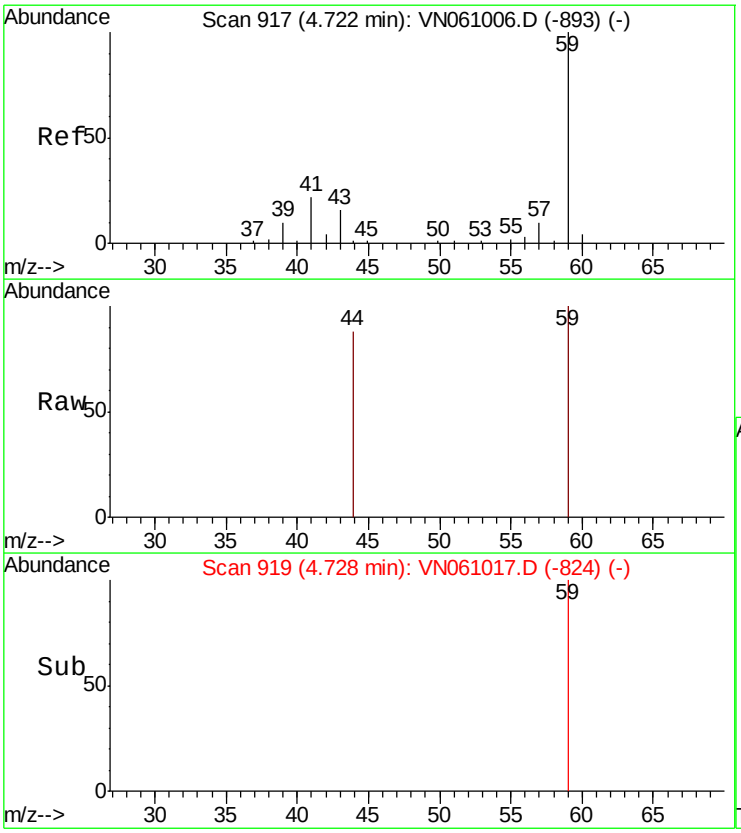
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VN061017.D
Acq: 16 Apr 2020 17:27

Instrument :
MSVOA_N
ClientSampleId :
TP-5-13-14

Tgt Ion:168 Resp: 157723

Ion	Ratio	Lower	Upper
168	100		
99	57.7	47.4	71.2

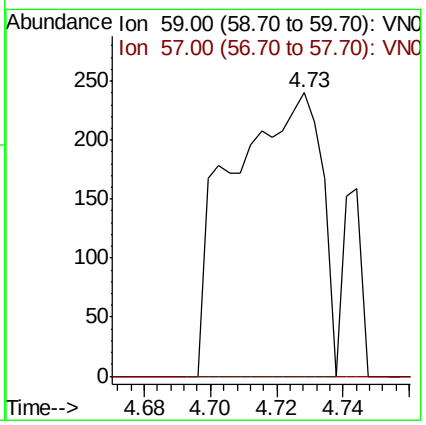


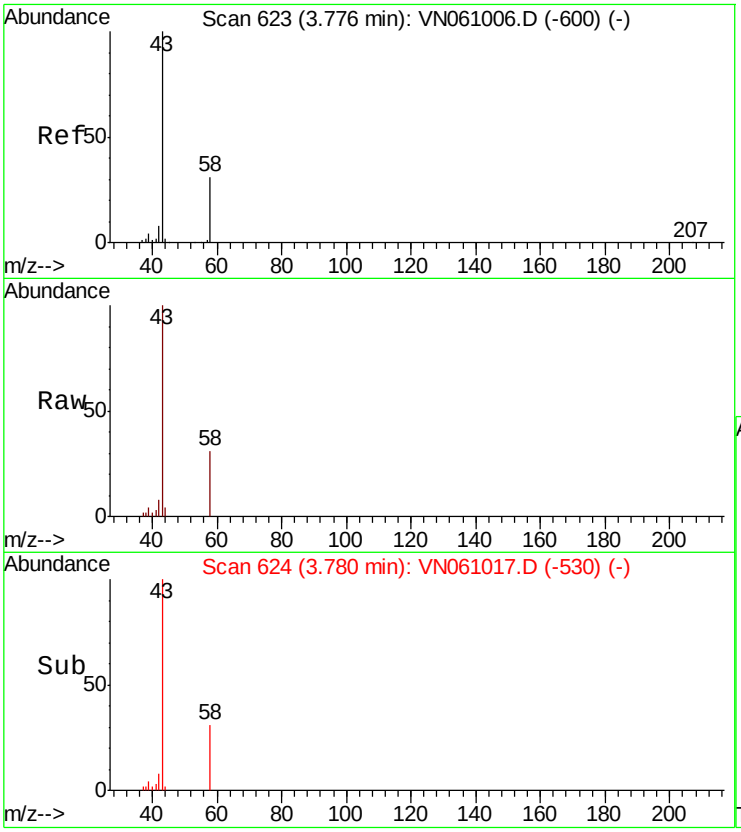


#11
Tert butyl alcohol
Concen: 1.268 ug/l
RT: 4.73 min Scan# 919
Delta R.T. 0.01 min
Lab File: VN061017.D
Acq: 16 Apr 2020 17:27

Tgt Ion: 59 Resp: 454

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.1	12.1#



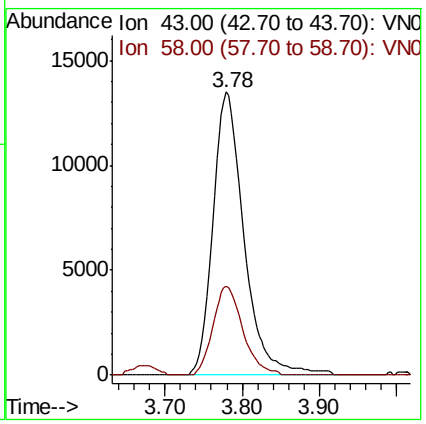


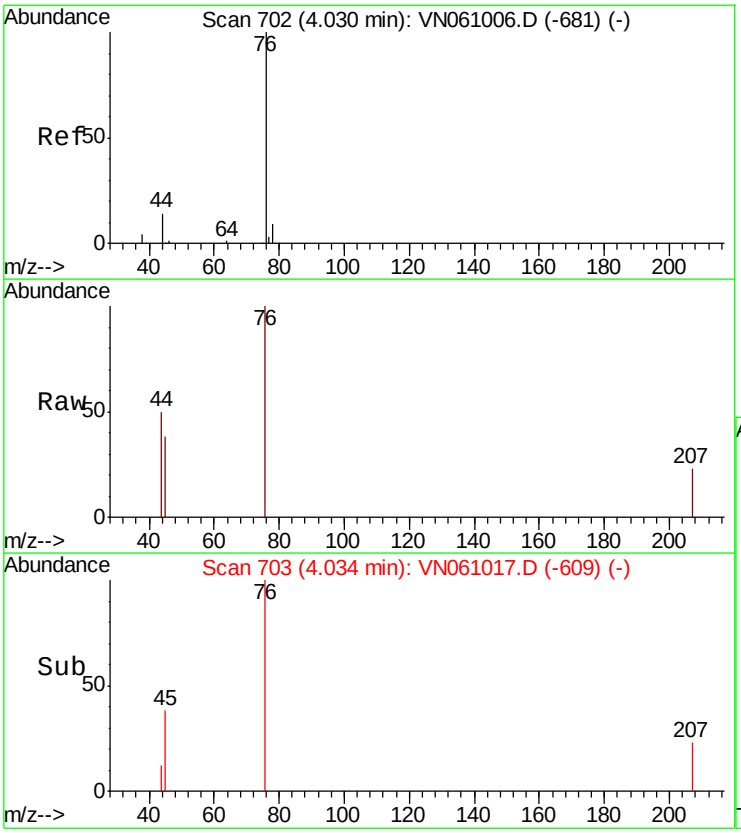
#16
Acetone
Concen: 42.713 ug/l
RT: 3.78 min Scan# 624
Delta R.T. 0.00 min
Lab File: VN061017.D
Acq: 16 Apr 2020 17:27

Instrument : MSVOA_N
ClientSampleId : TP-5-13-14

Tgt Ion: 43 Resp: 37938

Ion	Ratio	Lower	Upper
43	100		
58	31.5	24.6	37.0

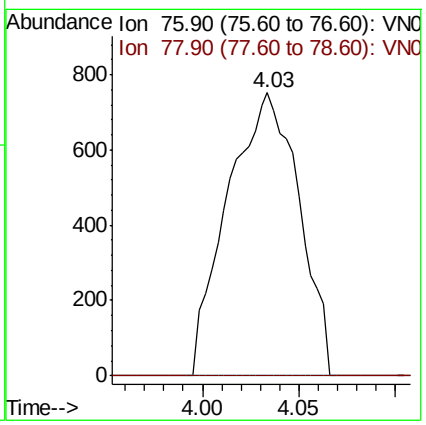


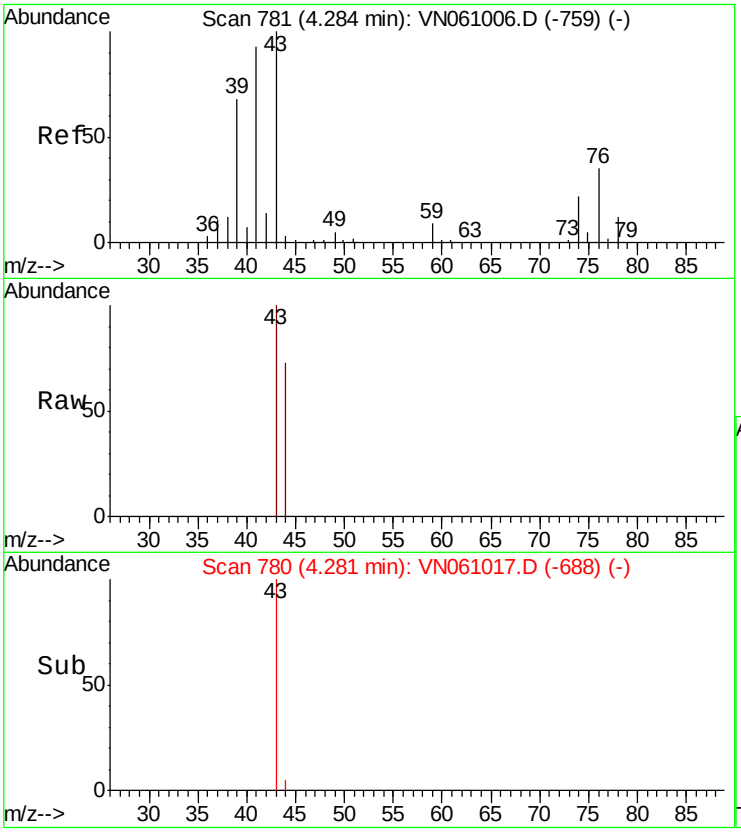


#17
Carbon Disulfide
Concen: 0.356 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.00 min
Lab File: VN061017.D
Acq: 16 Apr 2020 17:27

Tgt Ion: 76 Resp: 1924

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.6	11.4#



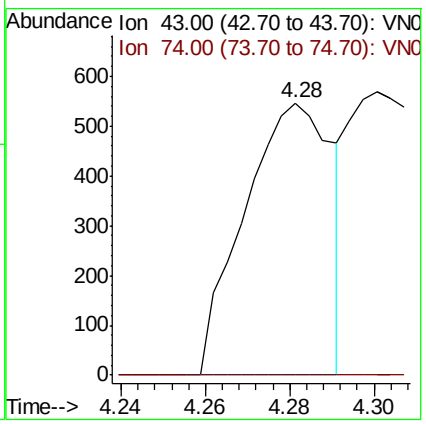


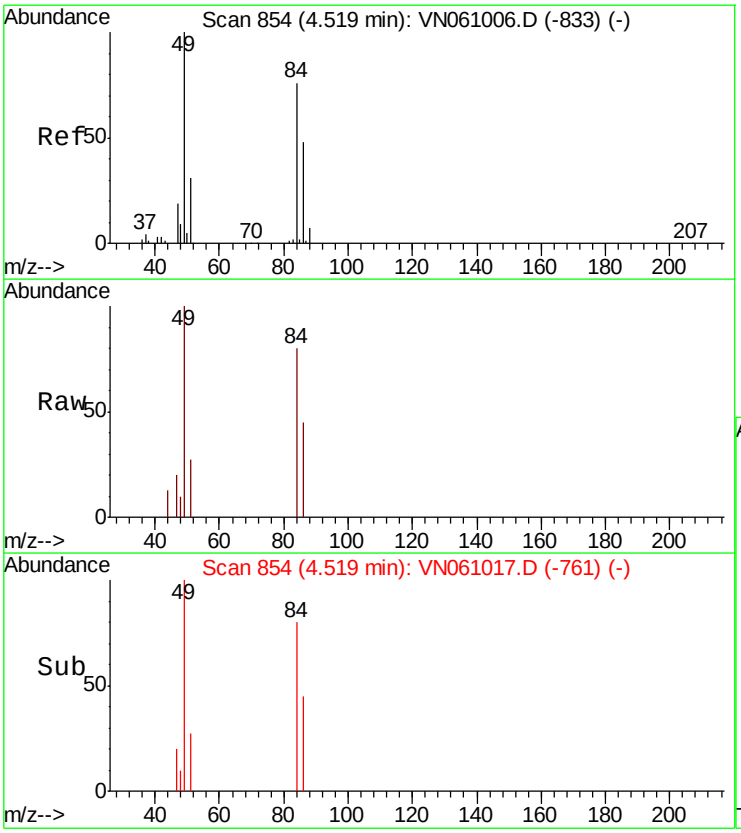
#18
Methyl Acetate
Concen: 0.283 ug/l
RT: 4.28 min Scan# 780
Delta R.T. -0.00 min
Lab File: VN061017.D
Acq: 16 Apr 2020 17:27

Instrument : MSVOA_N
ClientSampleId : TP-5-13-14

Tgt Ion: 43 Resp: 787

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.4	26.0#

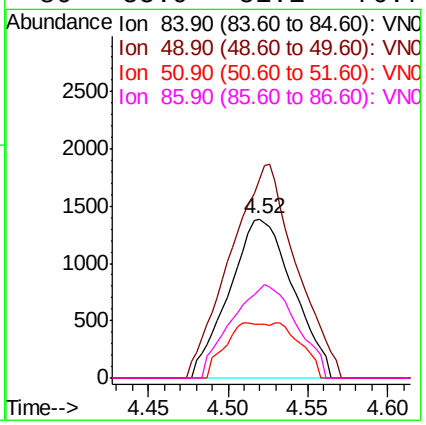


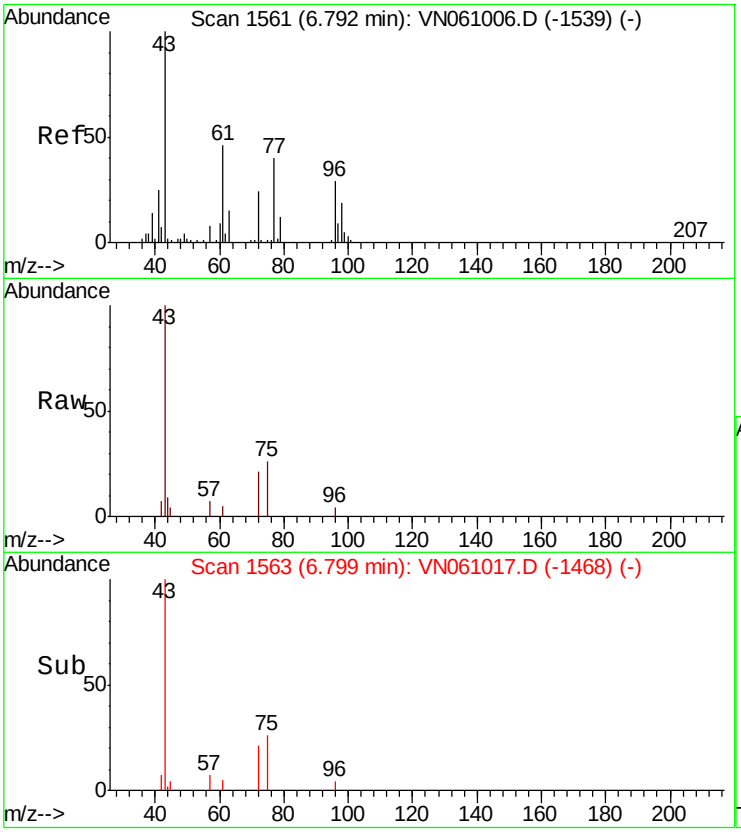


#20
Methylene Chloride
Concen: 1.963 ug/l
RT: 4.52 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN061017.D
Acq: 16 Apr 2020 17:27

Tgt Ion: 84 Resp: 3807

Ion	Ratio	Lower	Upper
84	100		
49	124.8	105.8	158.6
51	34.1	32.4	48.6
86	55.9	51.1	76.7



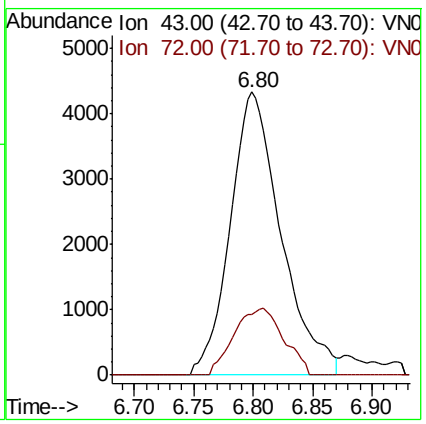


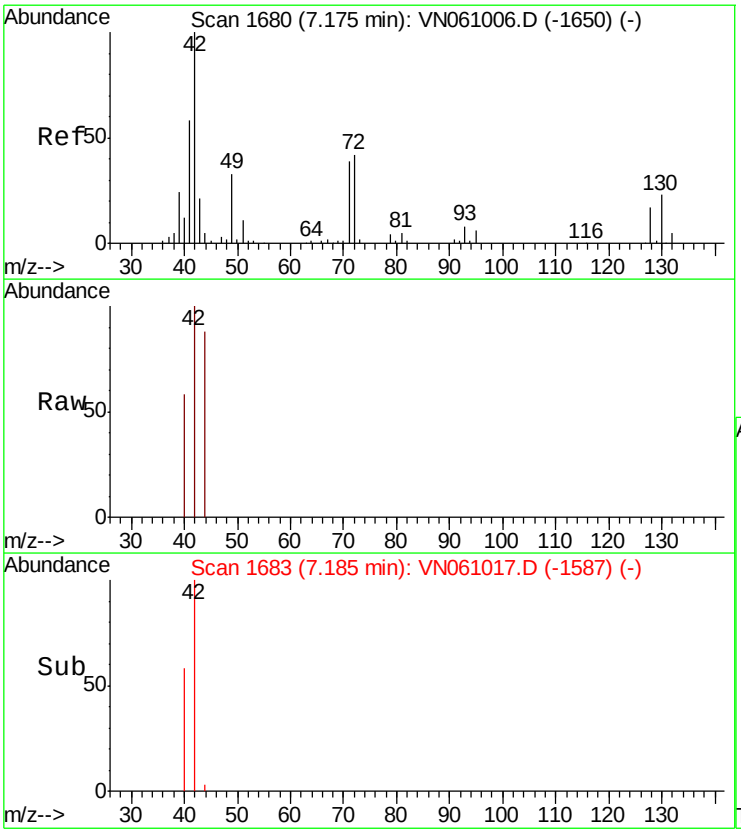
#25
2-Butanone
Concen: 9.420 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.01 min
Lab File: VN061017.D
Acq: 16 Apr 2020 17:27

Instrument : MSVOA_N
ClientSampleId : TP-5-13-14

Tgt Ion: 43 Resp: 12821

Ion	Ratio	Lower	Upper
43	100		
72	21.4	19.6	29.4

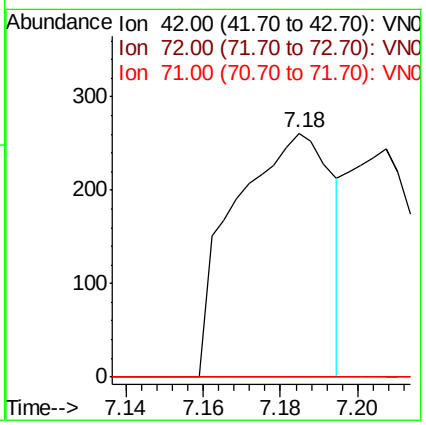


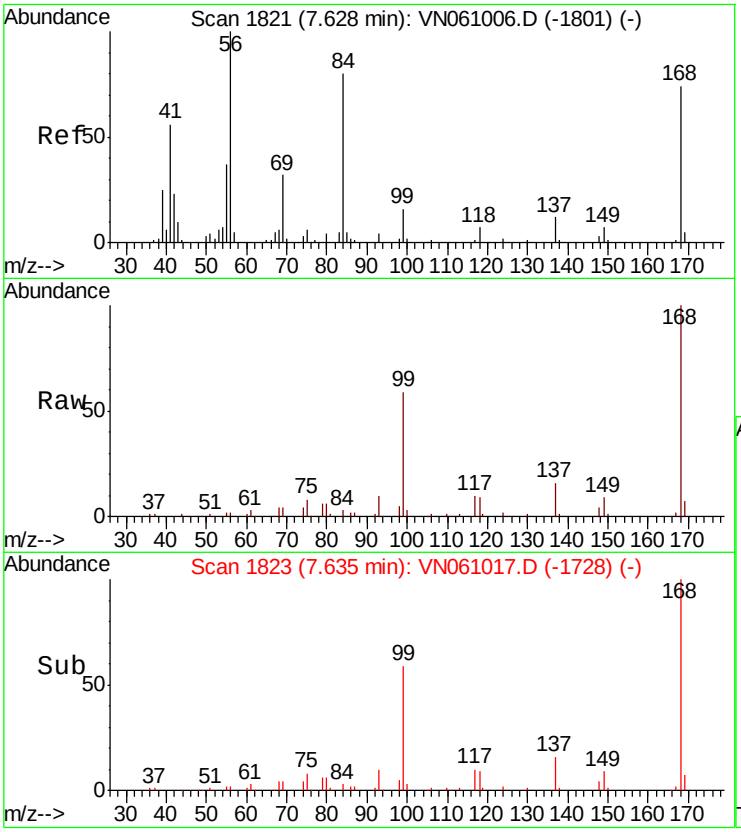


#29
Tetrahydrofuran
Concen: 0.492 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VN061017.D
Acq: 16 Apr 2020 17:27

Tgt Ion: 42 Resp: 455

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.1	48.1#
71	0.0	30.5	45.7#



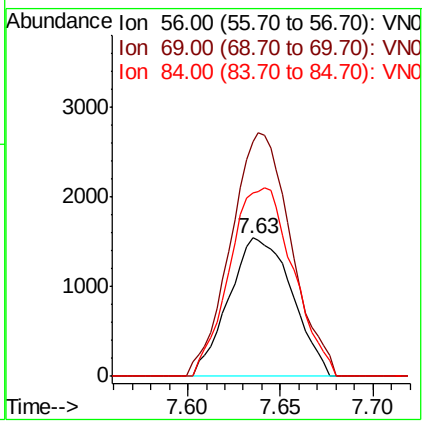


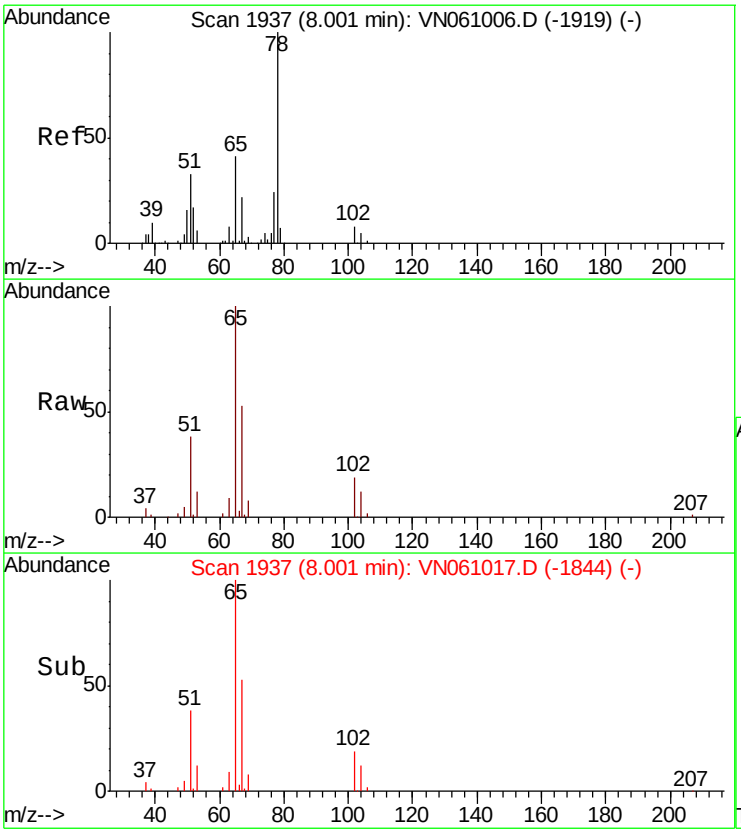
#31
Cyclohexane
Concen: 0.977 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VN061017.D
Acq: 16 Apr 2020 17:27

Instrument : MSVOA_N
ClientSampleId : TP-5-13-14

Tgt Ion: 56 Resp: 3672

Ion	Ratio	Lower	Upper
56	100		
69	169.5	25.6	38.4#
84	132.7	63.4	95.2#

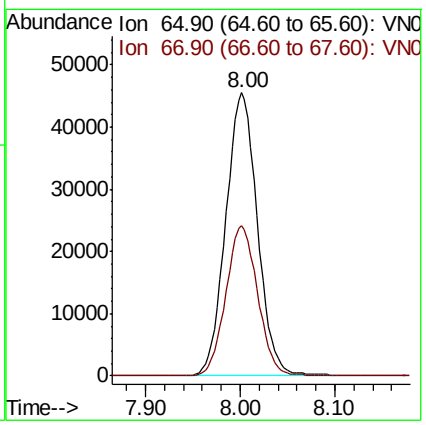


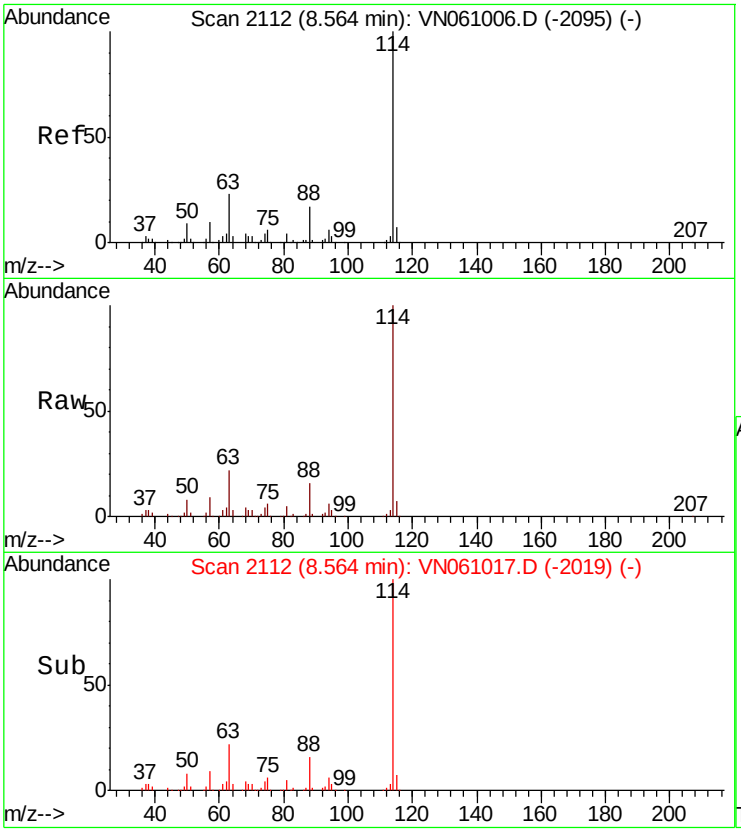


#33
1,2-Dichloroethane-d4
Concen: 52.463 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061017.D
Acq: 16 Apr 2020 17:27

Tgt Ion: 65 Resp: 105869

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	107.0



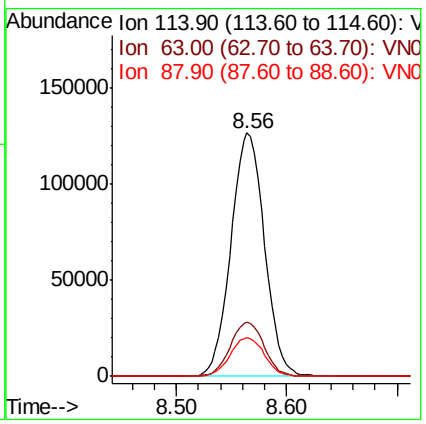


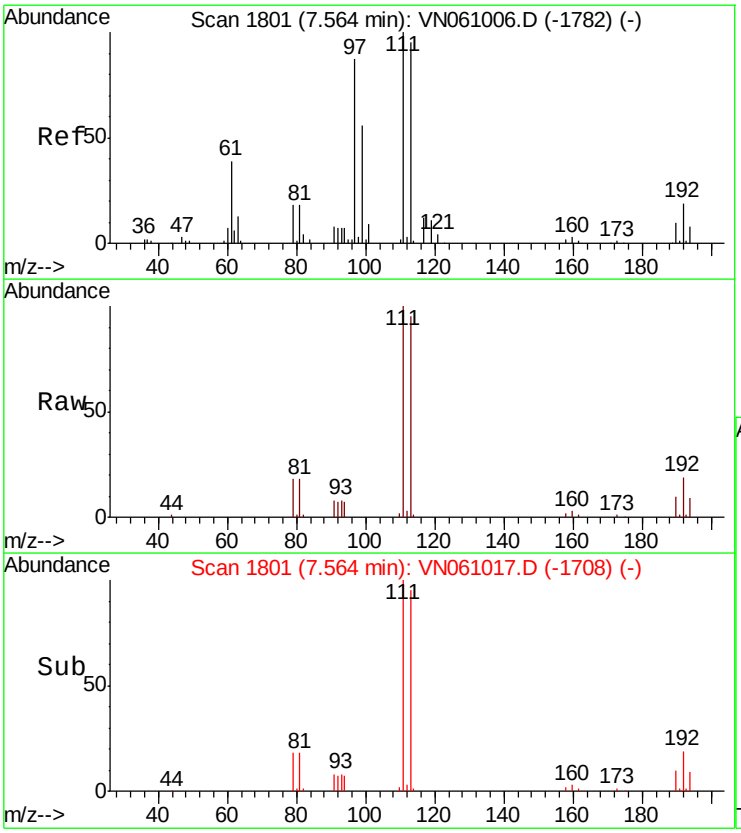
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.56 min Scan# 2112
Delta R.T. 0.00 min
Lab File: VN061017.D
Acq: 16 Apr 2020 17:27

Instrument :
MSVOA_N
ClientSampleId :
TP-5-13-14

Tgt Ion:114 Resp: 266317

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	46.2
88	15.7	0.0	33.4

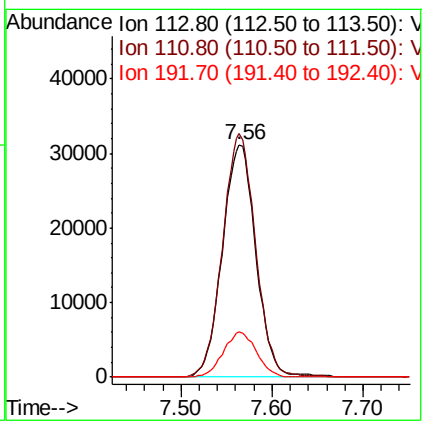


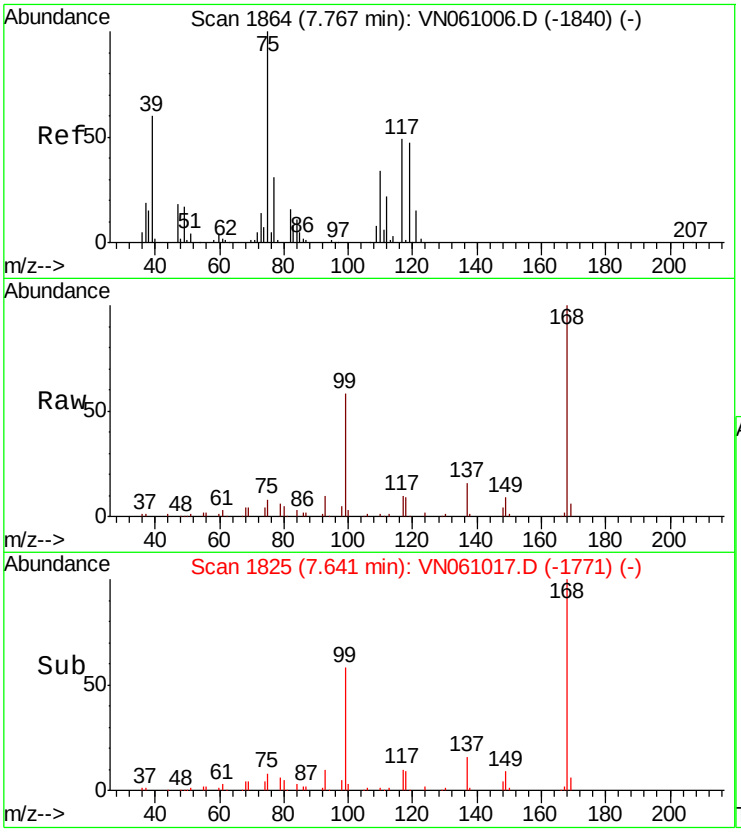


#35
Dibromofluoromethane
Concen: 51.174 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN061017.D
Acq: 16 Apr 2020 17:27

Tgt Ion:113 Resp: 79589

Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.4	125.2
192	19.1	15.5	23.3



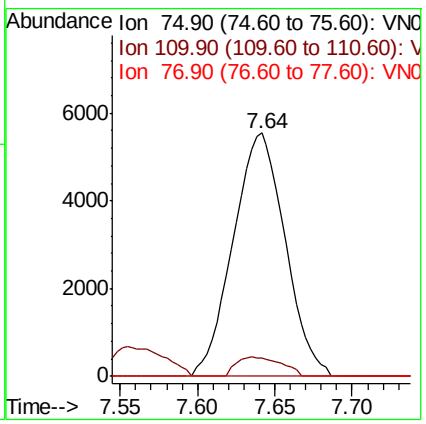


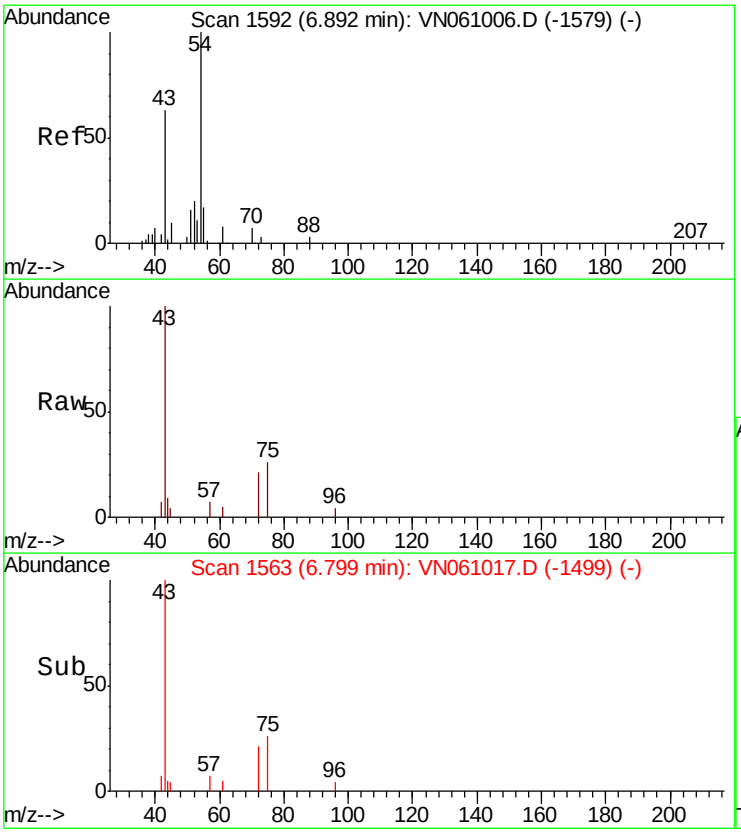
#36
1,1-Dichloropropene
Concen: 4.714 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.13 min
Lab File: VN061017.D
Acq: 16 Apr 2020 17:27

Instrument :
MSVOA_N
ClientSampleId :
TP-5-13-14

Tgt Ion: 75 Resp: 12955

Ion	Ratio	Lower	Upper
75	100		
110	6.8	16.8	50.3#
77	0.0	24.7	37.1#

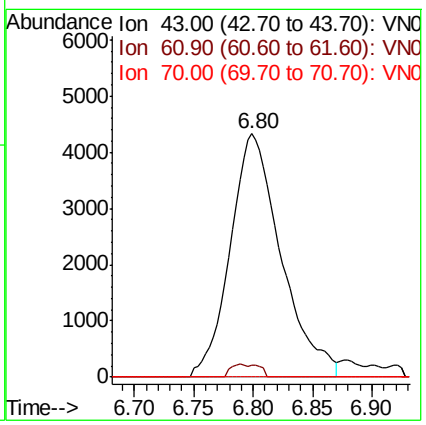


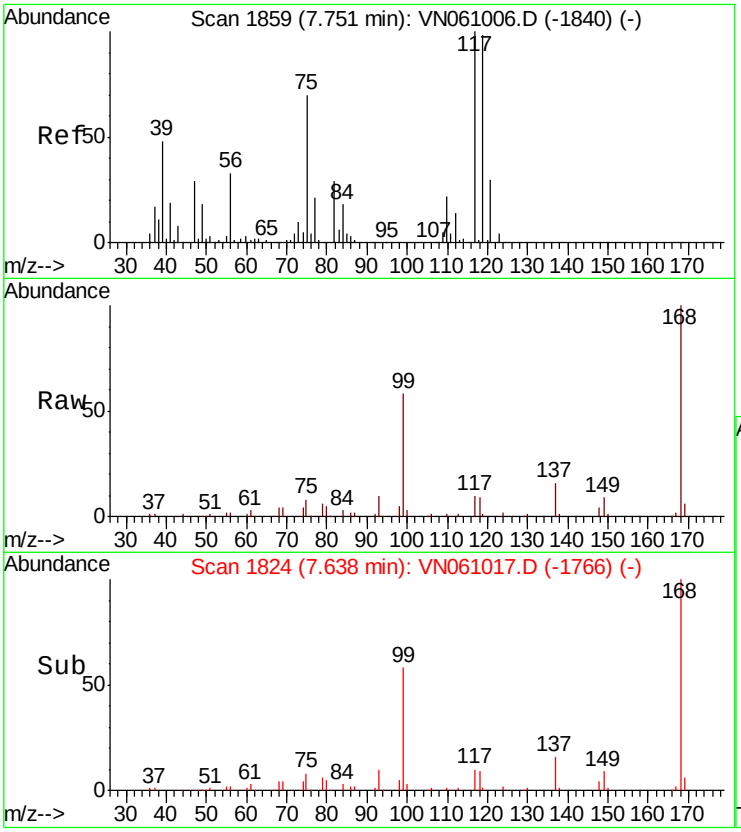


#37
Ethyl Acetate
Concen: 4.297 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. -0.09 min
Lab File: VN061017.D
Acq: 16 Apr 2020 17:27

Tgt Ion: 43 Resp: 12821

Ion	Ratio	Lower	Upper
43	100		
61	1.8	10.9	16.3#
70	0.0	7.7	11.5#



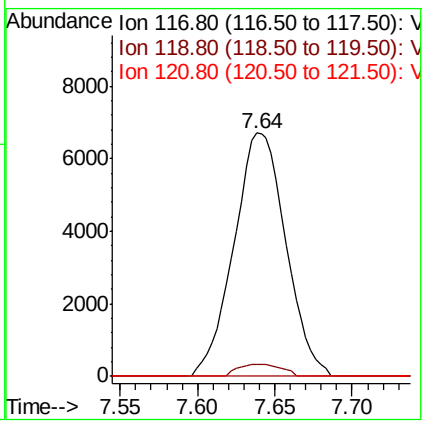


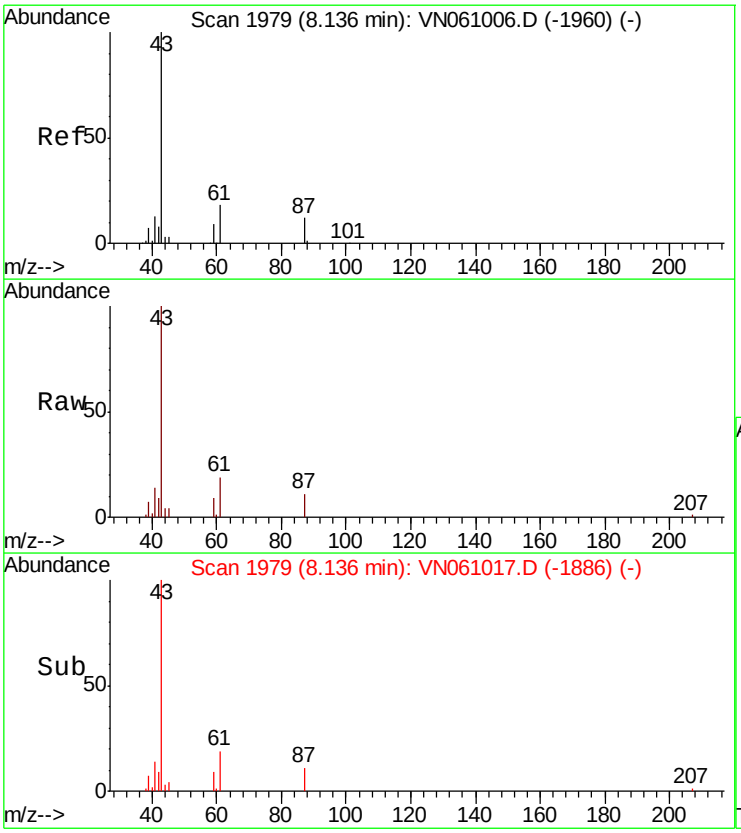
#38
Carbon Tetrachloride
Concen: 6.845 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. -0.11 min
Lab File: VN061017.D
Acq: 16 Apr 2020 17:27

Instrument :
MSVOA_N
ClientSampleId :
TP-5-13-14

Tgt Ion:117 Resp: 15658

Ion	Ratio	Lower	Upper
117	100		
119	5.1	78.1	117.1#
121	0.0	24.0	36.0#

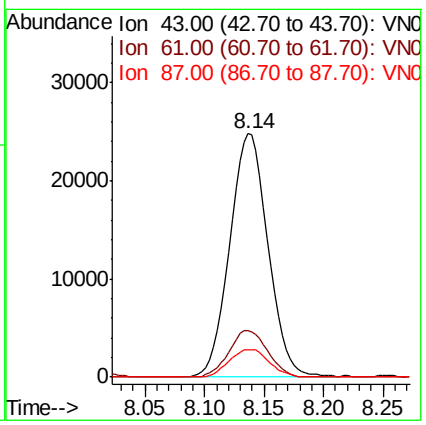


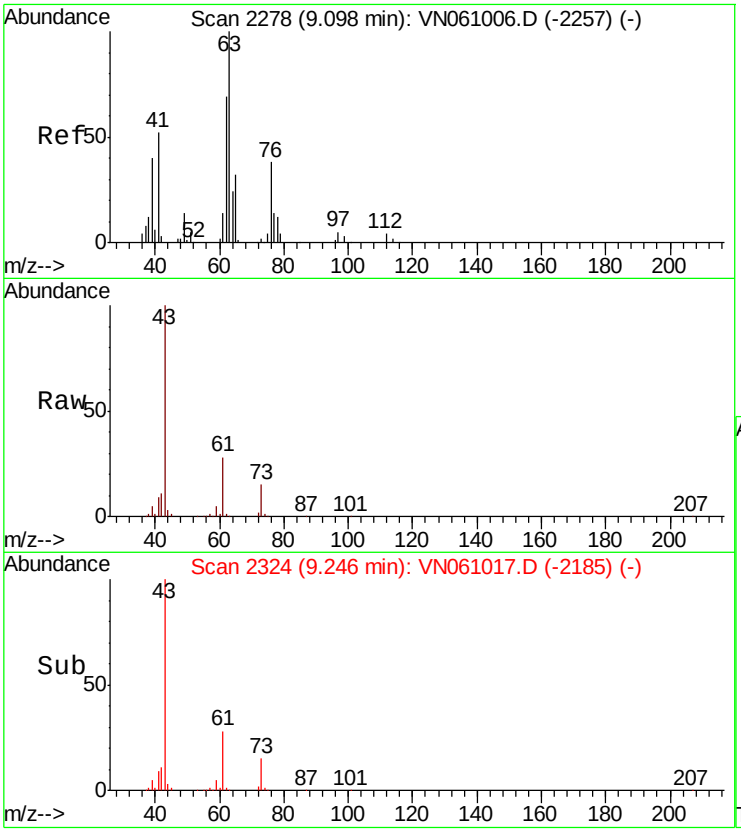


#43
Isopropyl Acetate
Concen: 11.393 ug/l
RT: 8.14 min Scan# 1979
Delta R.T. 0.00 min
Lab File: VN061017.D
Acq: 16 Apr 2020 17:27

Tgt Ion: 43 Resp: 55294

Ion	Ratio	Lower	Upper
43	100		
61	19.2	20.3	30.5#
87	11.8	9.4	14.2



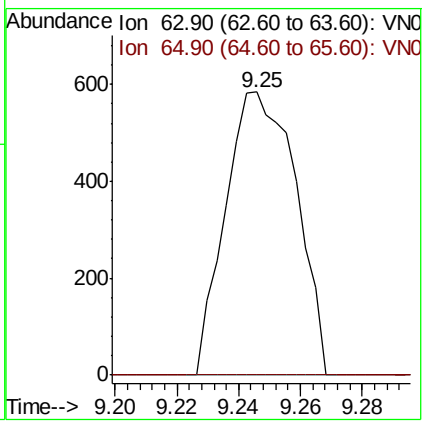


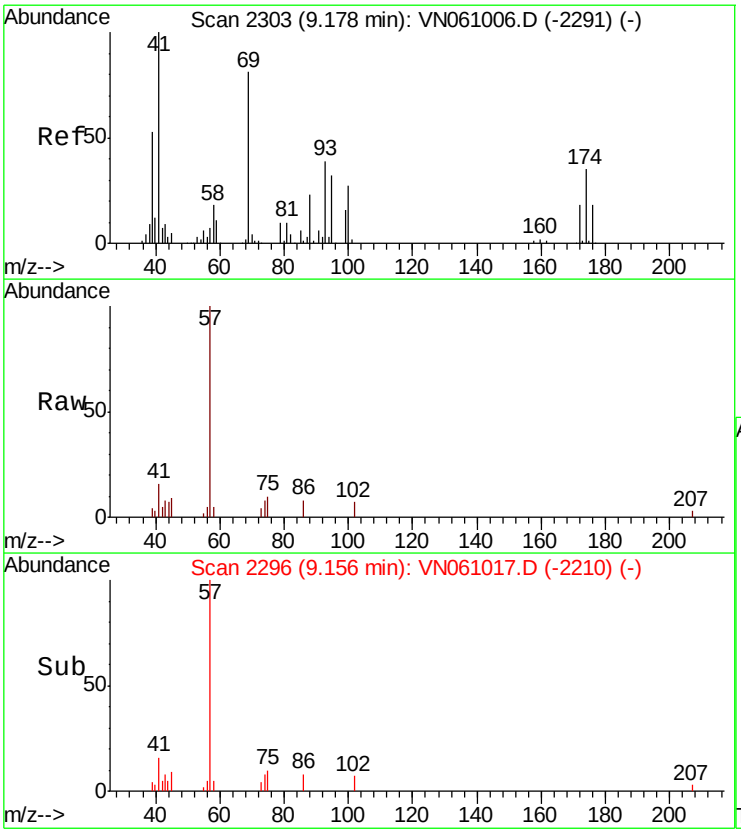
#45
1,2-Dichloropropane
Concen: 0.420 ug/l
RT: 9.25 min Scan# 2324
Delta R.T. 0.15 min
Lab File: VN061017.D
Acq: 16 Apr 2020 17:27

Instrument : MSVOA_N
ClientSampleId : TP-5-13-14

Tgt Ion: 63 Resp: 925

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.2	37.8#

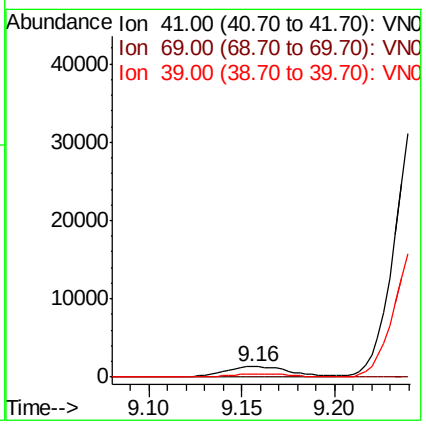


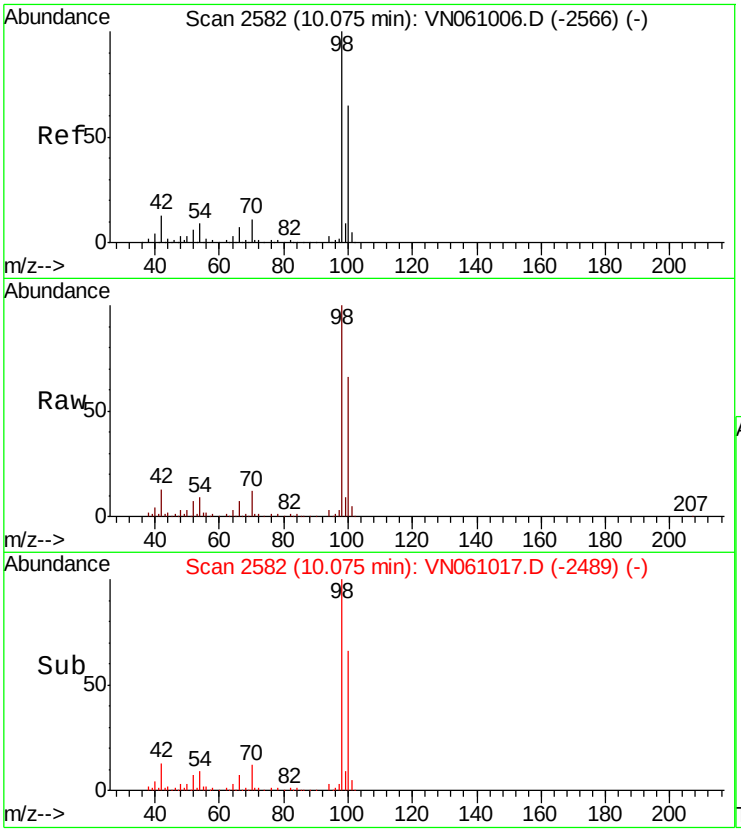


#48
Methyl methacrylate
Concen: 1.541 ug/l
RT: 9.16 min Scan# 2296
Delta R.T. -0.02 min
Lab File: VN061017.D
Acq: 16 Apr 2020 17:27

Tgt Ion: 41 Resp: 3304

Ion	Ratio	Lower	Upper
41	100		
69	0.0	65.3	97.9#
39	0.0	45.2	67.8#



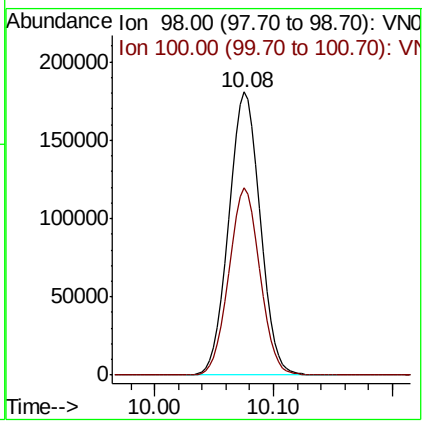


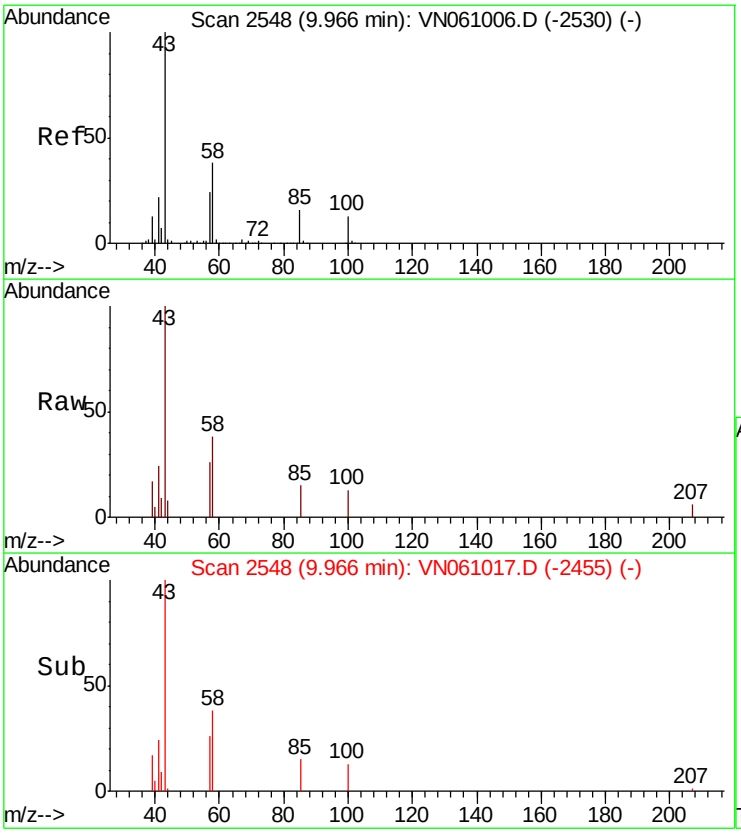
#50
Toluene-d8
Concen: 56.321 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. 0.00 min
Lab File: VN061017.D
Acq: 16 Apr 2020 17:27

Instrument : MSVOA_N
ClientSampleId : TP-5-13-14

Tgt Ion: 98 Resp: 330996

Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.9	77.9

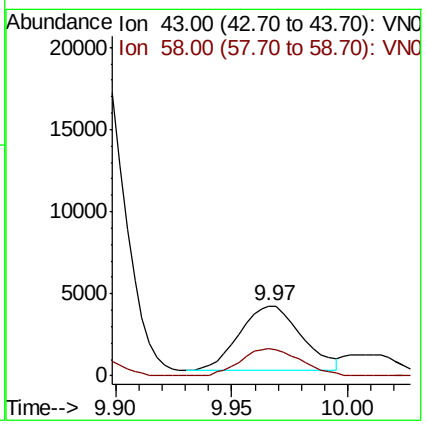


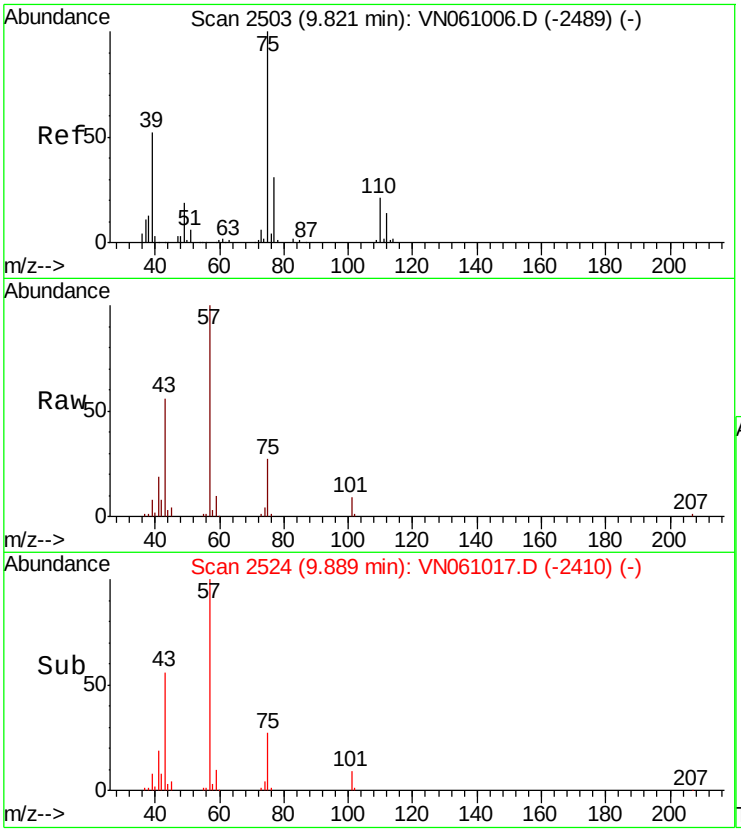


#51
4-Methyl-2-Pentanone
Concen: 2.610 ug/l
RT: 9.97 min Scan# 2548
Delta R.T. 0.00 min
Lab File: VN061017.D
Acq: 16 Apr 2020 17:27

Tgt Ion: 43 Resp: 7301

Ion	Ratio	Lower	Upper
43	100		
58	40.4	30.3	45.5



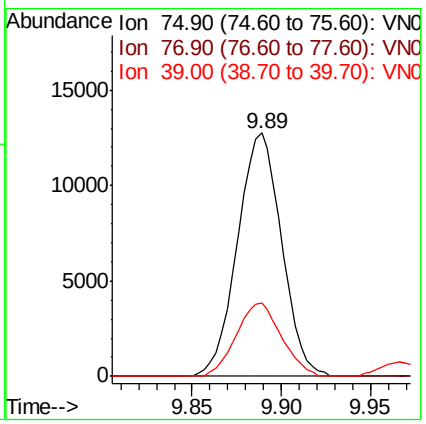


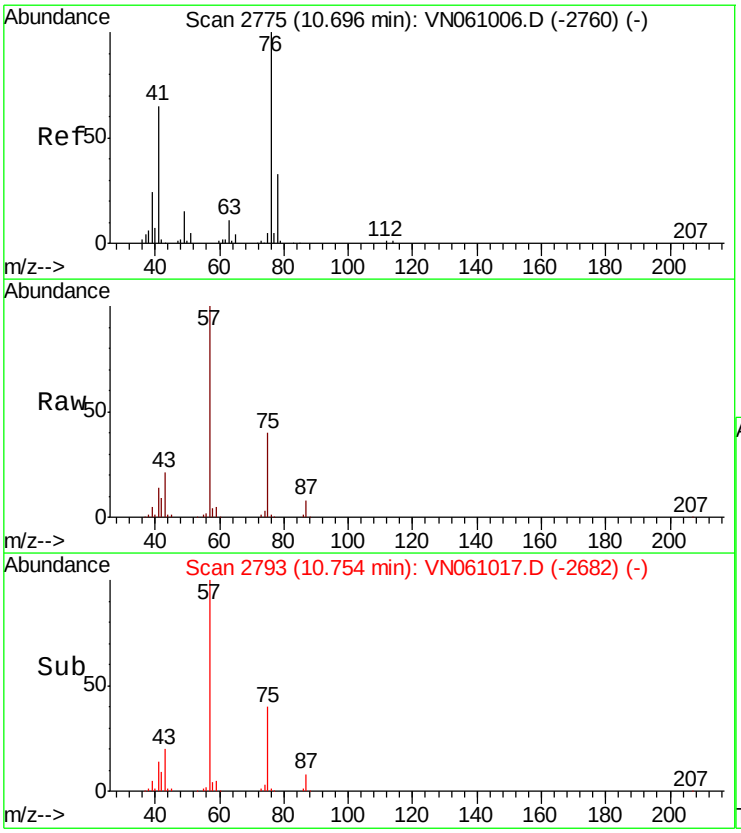
#54
cis-1,3-Dichloropropene
Concen: 6.497 ug/l
RT: 9.89 min Scan# 2524
Delta R.T. 0.07 min
Lab File: VN061017.D
Acq: 16 Apr 2020 17:27

Instrument :
MSVOA_N
ClientSampleId :
TP-5-13-14

Tgt Ion: 75 Resp: 22084

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.6#
39	30.1	41.4	62.2#

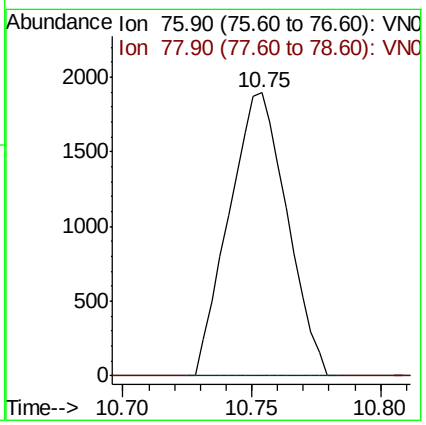


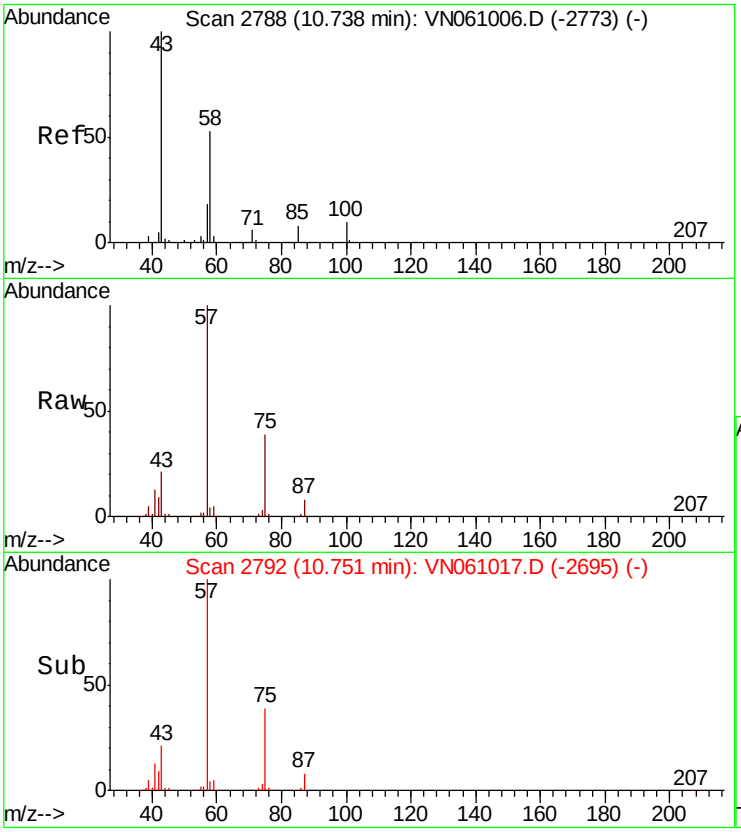


#57
1,3-Dichloropropane
Concen: 0.899 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.06 min
Lab File: VN061017.D
Acq: 16 Apr 2020 17:27

Tgt Ion: 76 Resp: 2968

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.4	38.0#



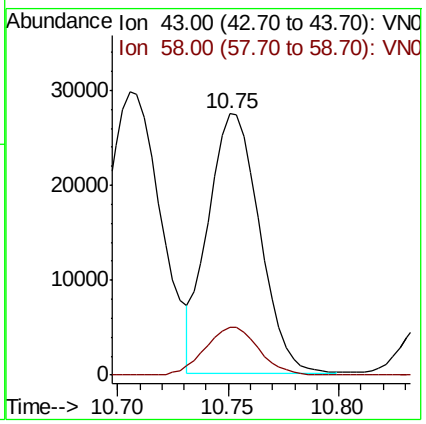


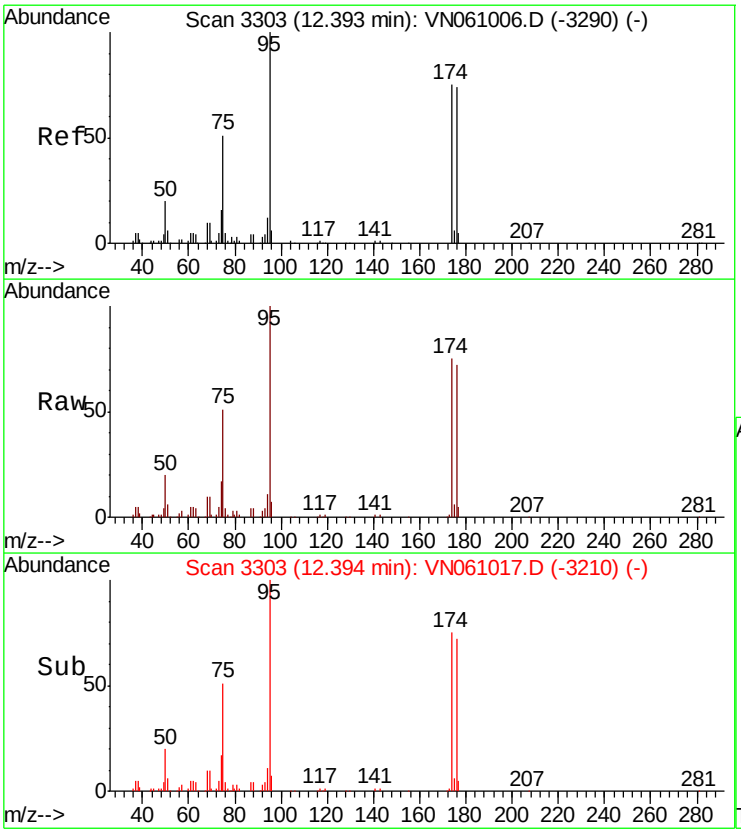
#59
2-Hexanone
Concen: 22.001 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.01 min
Lab File: VN061017.D
Acq: 16 Apr 2020 17:27

Instrument :
MSVOA_N
ClientSampleId :
TP-5-13-14

Tgt Ion: 43 Resp: 44390

Ion	Ratio	Lower	Upper
43	100		
58	19.1	26.4	79.0#

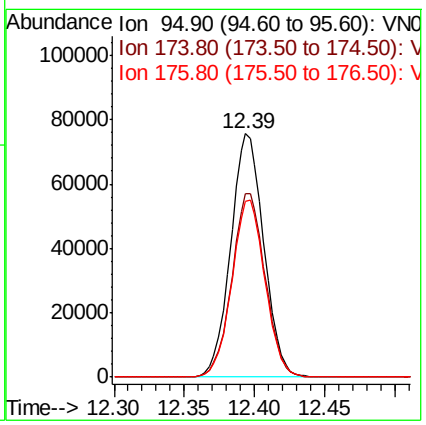


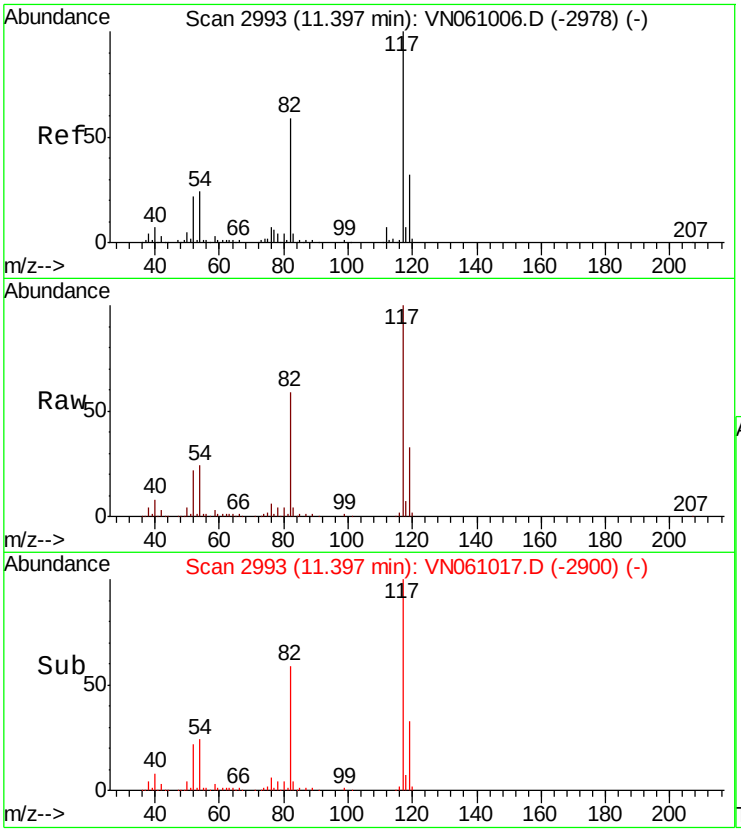


#62
4-Bromofluorobenzene
Concen: 53.865 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.00 min
Lab File: VN061017.D
Acq: 16 Apr 2020 17:27

Tgt Ion: 95 Resp: 124071

Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	151.2
176	73.0	0.0	148.2



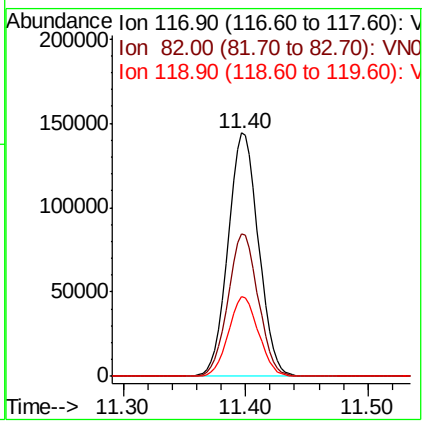


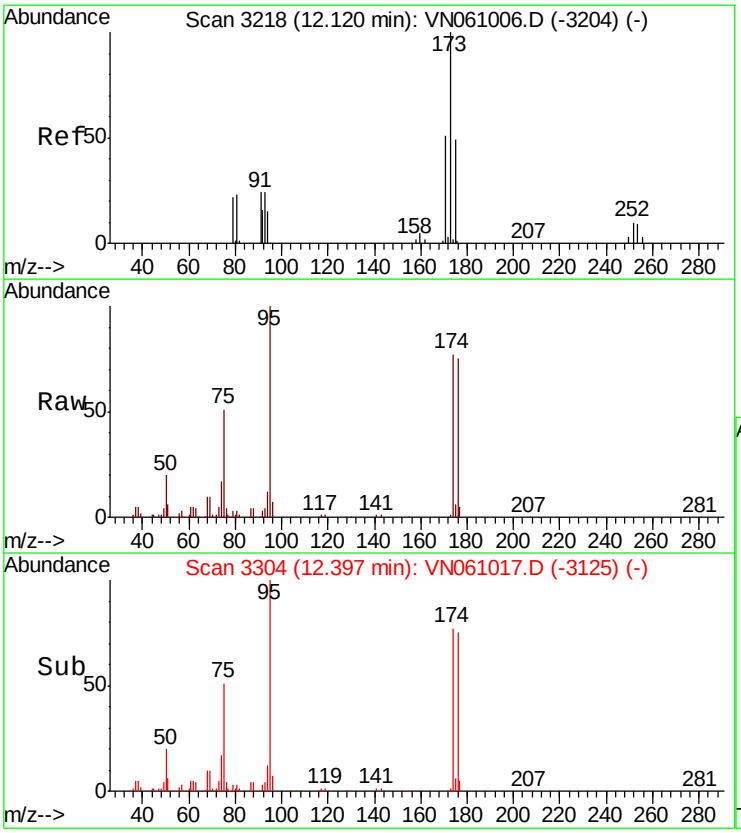
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061017.D
Acq: 16 Apr 2020 17:27

Instrument : MSVOA_N
ClientSampleId : TP-5-13-14

Tgt Ion:117 Resp: 250830

Ion	Ratio	Lower	Upper
117	100		
82	58.7	47.1	70.7
119	32.6	25.7	38.5

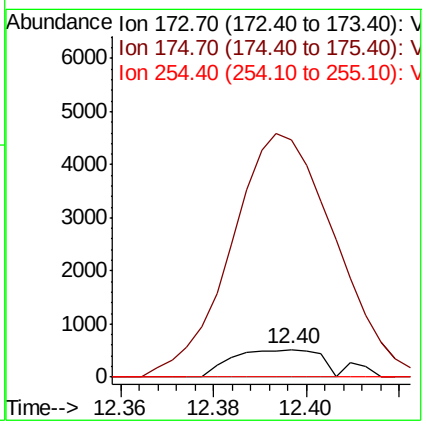


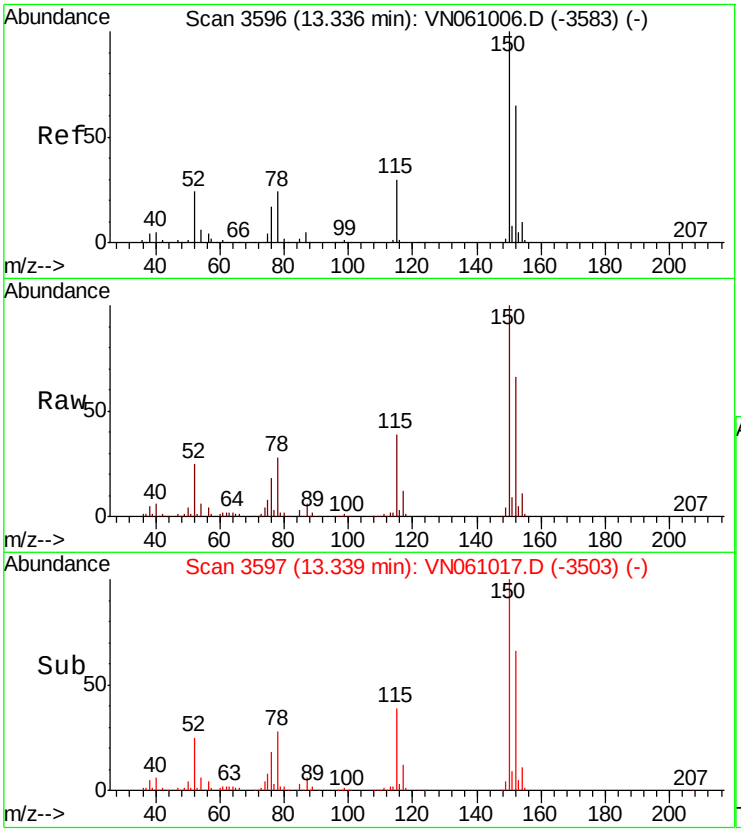


#71
Bromoform
Concen: 0.487 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.28 min
Lab File: VN061017.D
Acq: 16 Apr 2020 17:27

Tgt Ion:173 Resp: 673

Ion	Ratio	Lower	Upper
173	100		
175	941.3	24.5	73.5#
254	0.0	0.0	0.0



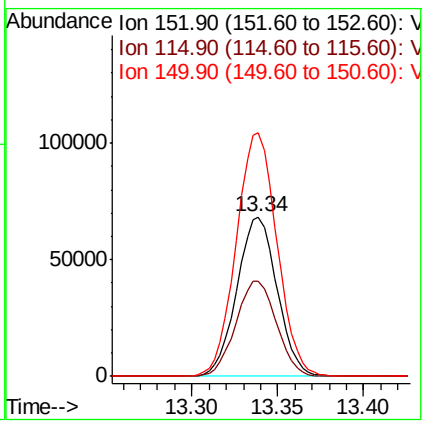


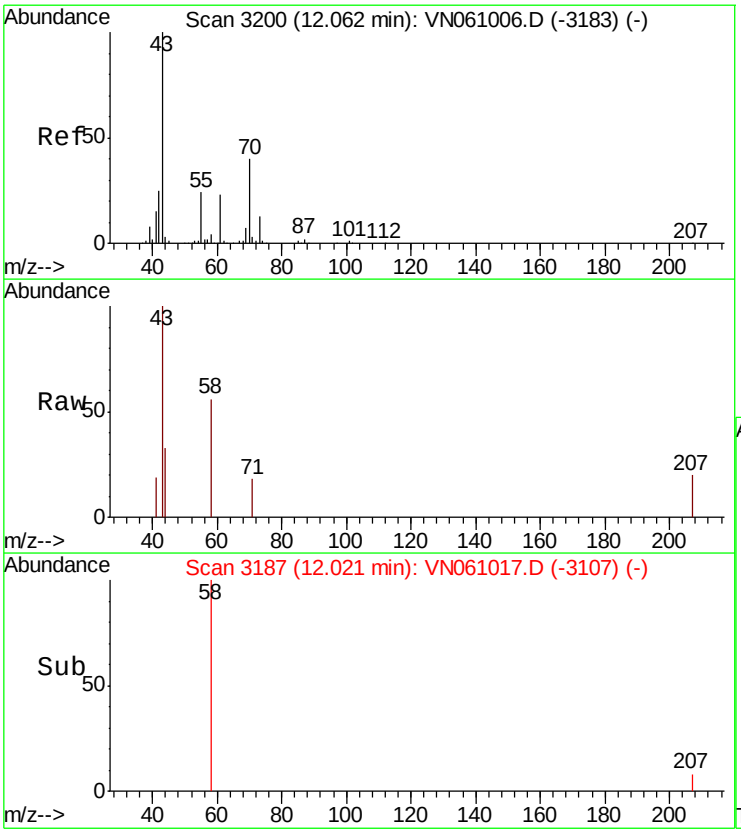
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN061017.D
Acq: 16 Apr 2020 17:27

Instrument :
MSVOA_N
ClientSampleId :
TP-5-13-14

Tgt Ion:152 Resp: 110743

Ion	Ratio	Lower	Upper
152	100		
115	60.7	30.8	92.4
150	155.2	0.0	349.0

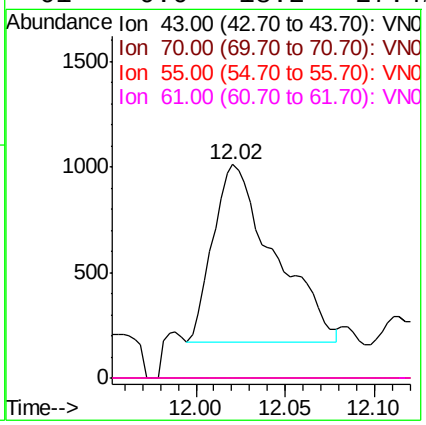


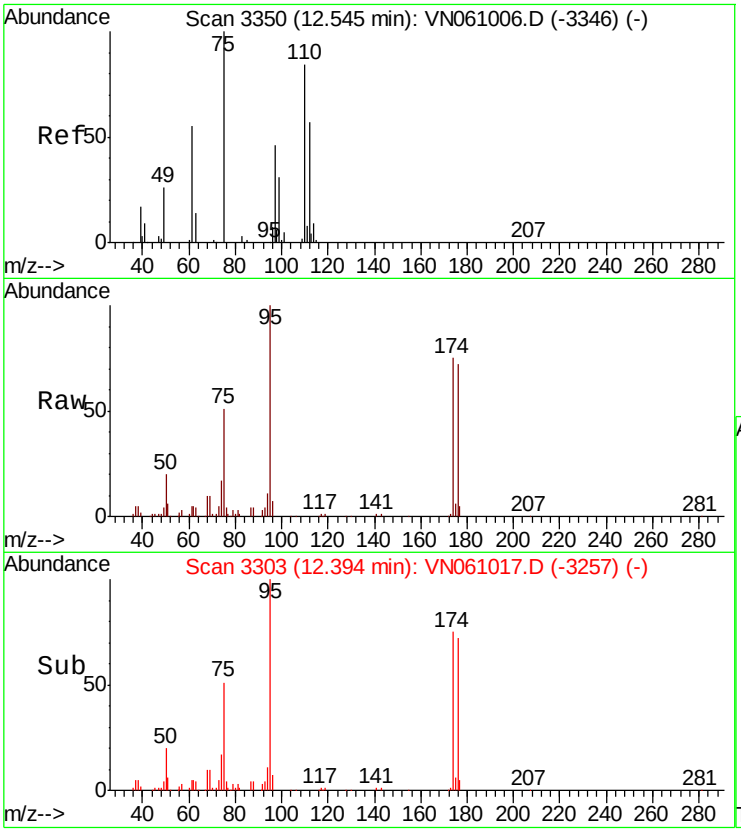


#74
N-amyl acetate
Concen: 0.484 ug/l
RT: 12.02 min Scan# 3187
Delta R.T. -0.04 min
Lab File: VN061017.D
Acq: 16 Apr 2020 17:27

Tgt Ion: 43 Resp: 1997

Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.0	46.6#
55	0.0	18.6	27.8#
61	0.0	18.2	27.4#



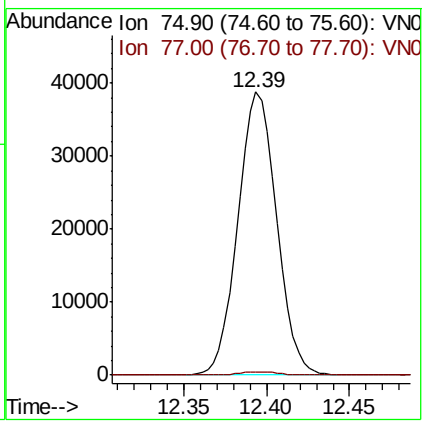


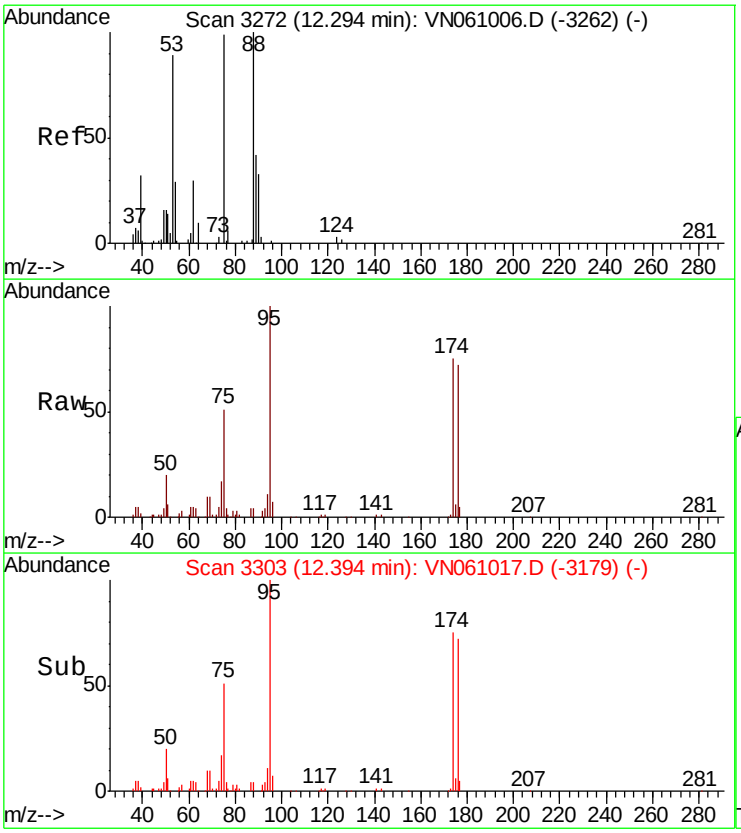
#76
1,2,3-Trichloropropane
Concen: 25.908 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. -0.15 min
Lab File: VN061017.D
Acq: 16 Apr 2020 17:27

Instrument :
MSVOA_N
ClientSampleId :
TP-5-13-14

Tgt Ion: 75 Resp: 63110

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

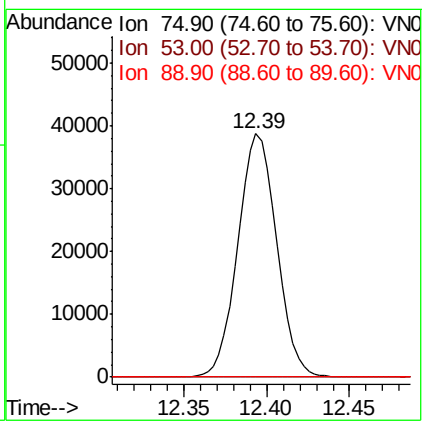


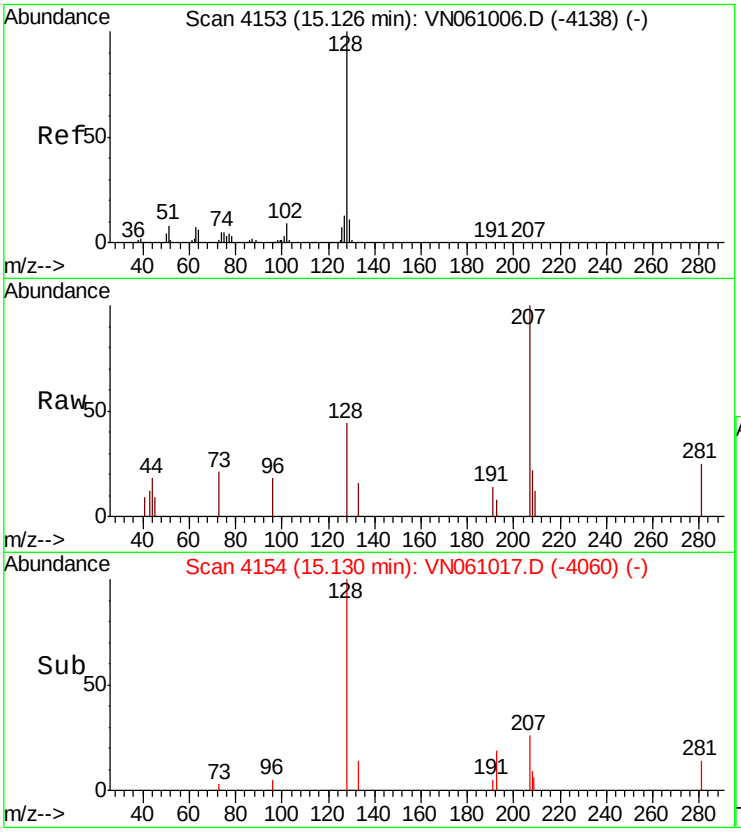


#81
trans-1,4-Dichloro-2-butene
Concen: 63.905 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.10 min
Lab File: VN061017.D
Acq: 16 Apr 2020 17:27

Tgt Ion: 75 Resp: 63110

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.7	112.1#
89	0.0	34.6	52.0#





#95
Naphthalene
Concen: 0.237 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN061017.D
Acq: 16 Apr 2020 17:27

Instrument :
MSVOA_N
ClientSampleId :
TP-5-13-14

Tgt Ion:128 Resp: 1442

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.6	13.0#