Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121918\
Data File : VN053014.D
Acq On : 19 Dec 2018 16:36
Operator : MD\SY
Sample : PB115821ZHE#04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : PB115821ZHE#04

Quant Time: Dec 20 05:21:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1340404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2072811	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1871449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	788075	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	666726	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.02%			
35) Dibromofluoromethane	7.59	113	508727	53.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.46%			
50) Toluene-d8	10.09	98	2536817	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.82%			
62) 4-Bromofluorobenzene	12.40	95	849392	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.20%			
Target Compounds						Qvalue
8) Diethyl Ether	3.41	74	2300	0.294	ug/l	81
13) Acrolein	3.61	56	160	0.213	ug/l #	14
16) Acetone	3.82	43	28833	10.811	ug/l	94
18) Methyl Acetate	4.33	43	7489	1.598	ug/l #	76
20) Methylene Chloride	4.56	84	38713	2.661	ug/l	92
25) 2-Butanone	6.84	43	1827	0.408	ug/l	96
31) Cyclohexane	7.67	56	21826	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	88320	4.439	ug/l #	48
38) Carbon Tetrachloride	7.67	117	116602	6.394	ug/l #	16
43) Isopropyl Acetate	8.17	43	75451	2.519	ug/l #	88
45) 1,2-Dichloropropane	9.27	63	4702	0.305	ug/l #	44
48) Methyl methacrylate	9.18	41	24506	2.274	ug/l #	12
49) 1,4-Dioxane	9.26	88	385	2.824	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	29484	2.741	ug/l #	35
54) cis-1,3-Dichloropropene	9.90	75	189853	8.241	ug/l #	59
57) 1,3-Dichloropropane	10.76	76	34244	1.561	ug/l #	42
59) 2-Hexanone	10.76	43	460174	63.235	ug/l #	50
71) Bromoform	12.40	173	5147	0.494	ug/l #	1
74) N-amyl acetate	11.88	43	60596	3.540	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	394897	29.767	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	22458	0.447	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	394897	95.941	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.91	180	250	0.614	ug/l #	53
95) Naphthalene	15.13	128	950	1.177	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.32	180	152	0.520	ug/l #	69

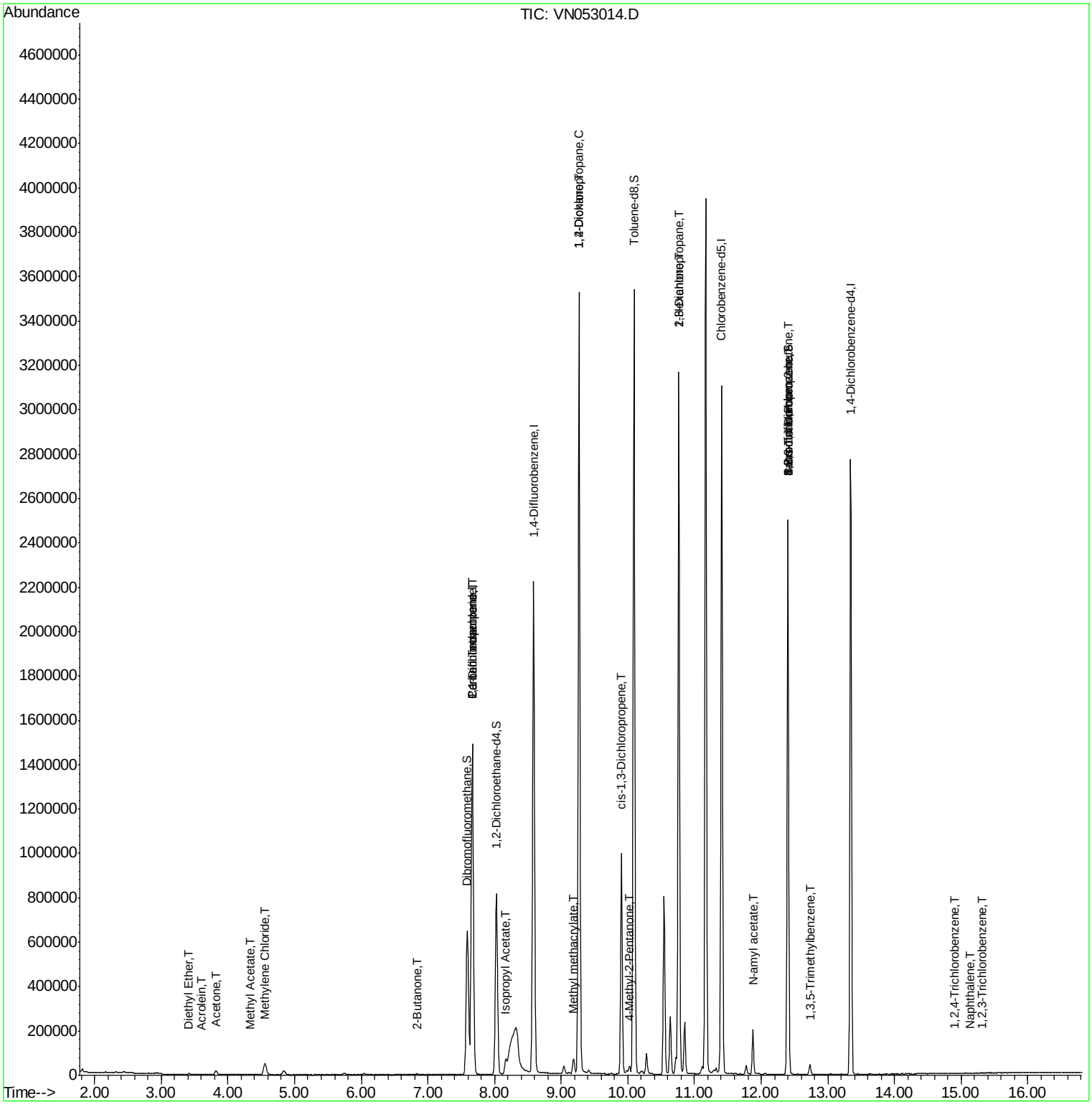
(#) = qualifier out of range (m) = manual integration (+) = signals summed

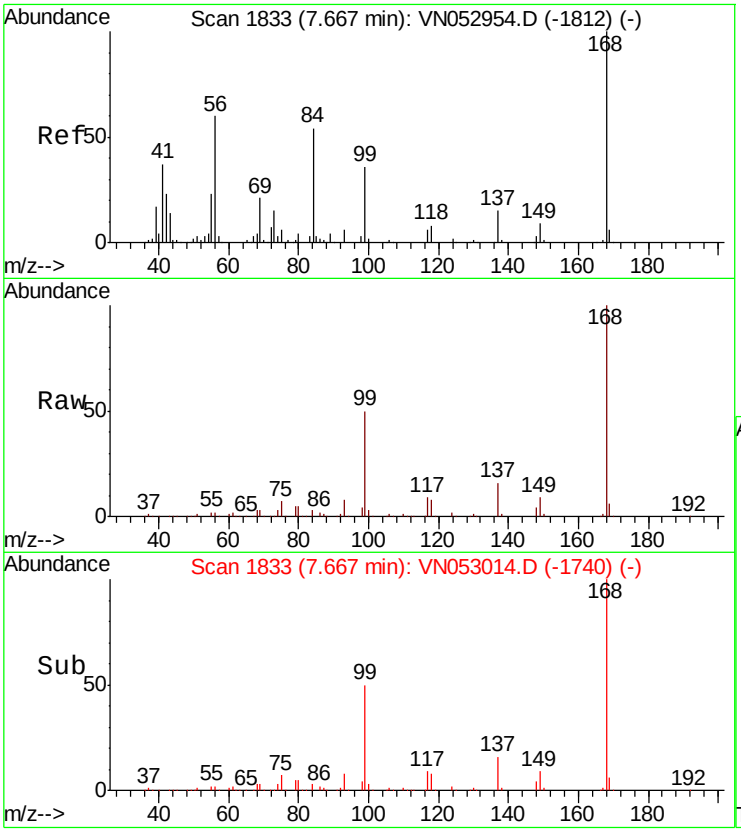
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121918\
Data File : VN053014.D
Acq On : 19 Dec 2018 16:36
Operator : MD\SY
Sample : PB115821ZHE#04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB115821ZHE#04

Quant Time: Dec 20 05:21:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration



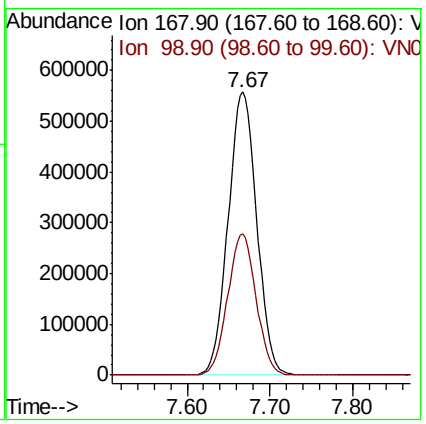


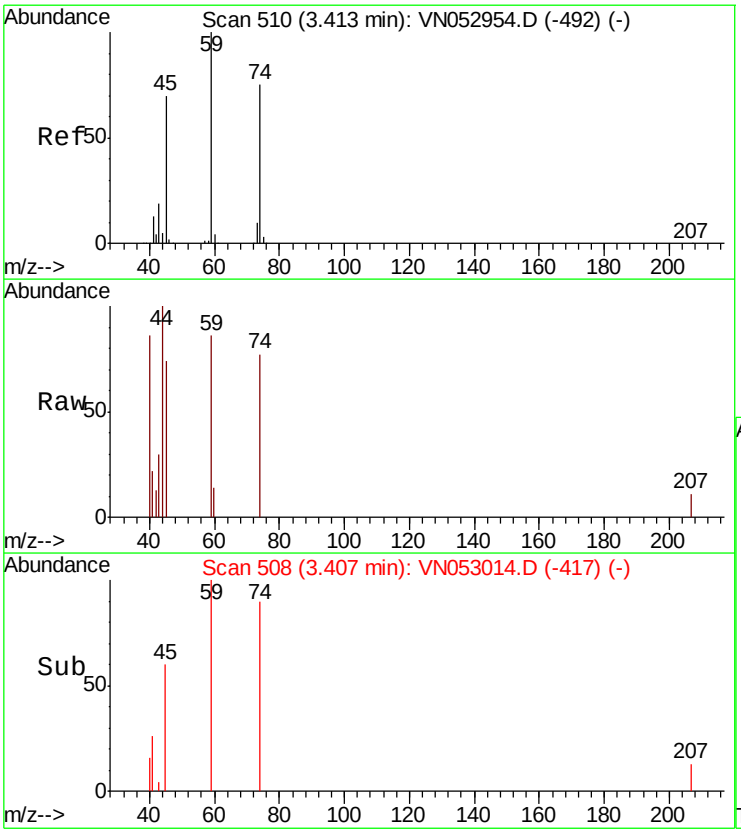
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Instrument :
MSVOA_N
ClientSampleId :
PB115821ZHE#04

Tgt Ion:168 Resp: 1340404

Ion	Ratio	Lower	Upper
168	100		
99	49.9	40.2	60.2

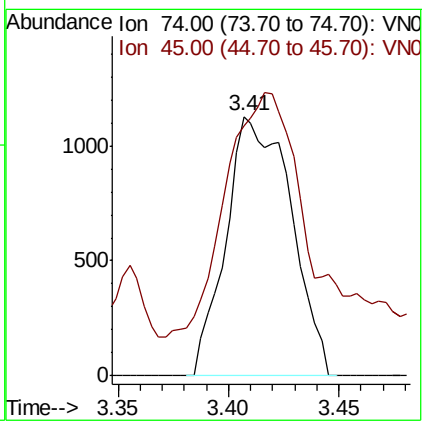


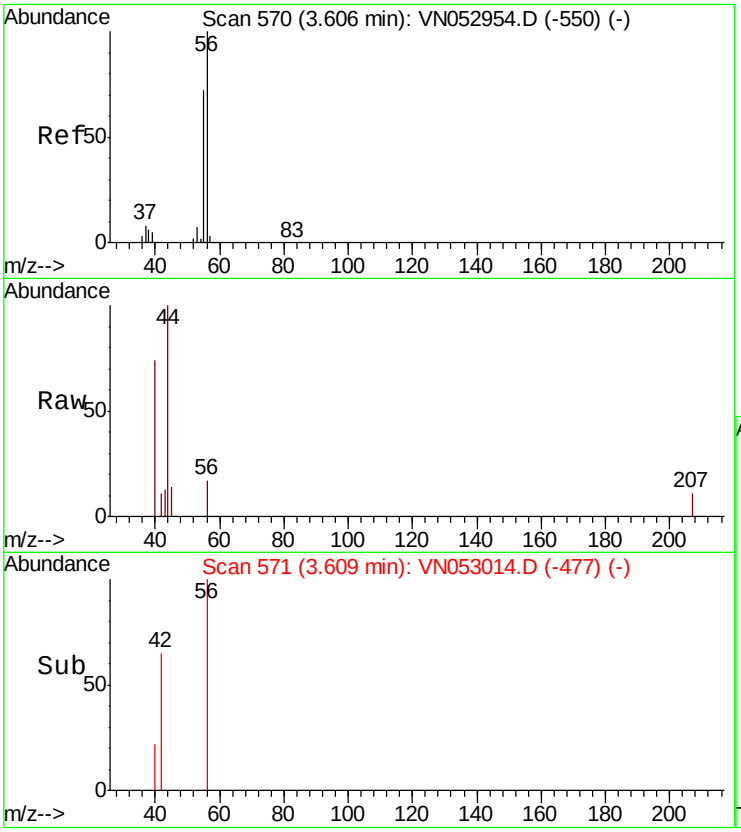


#8
Diethyl Ether
Concen: 0.294 ug/l
RT: 3.41 min Scan# 508
Delta R.T. -0.01 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Tgt Ion: 74 Resp: 2300

Ion	Ratio	Lower	Upper
74	100		
45	117.8	49.4	148.0



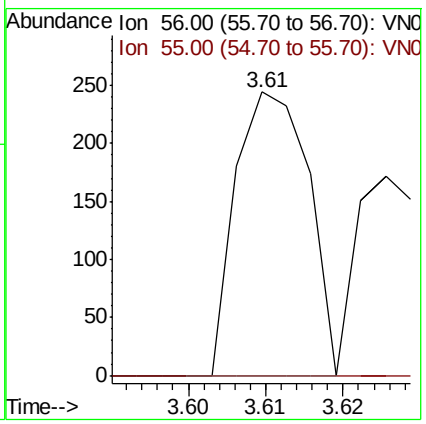


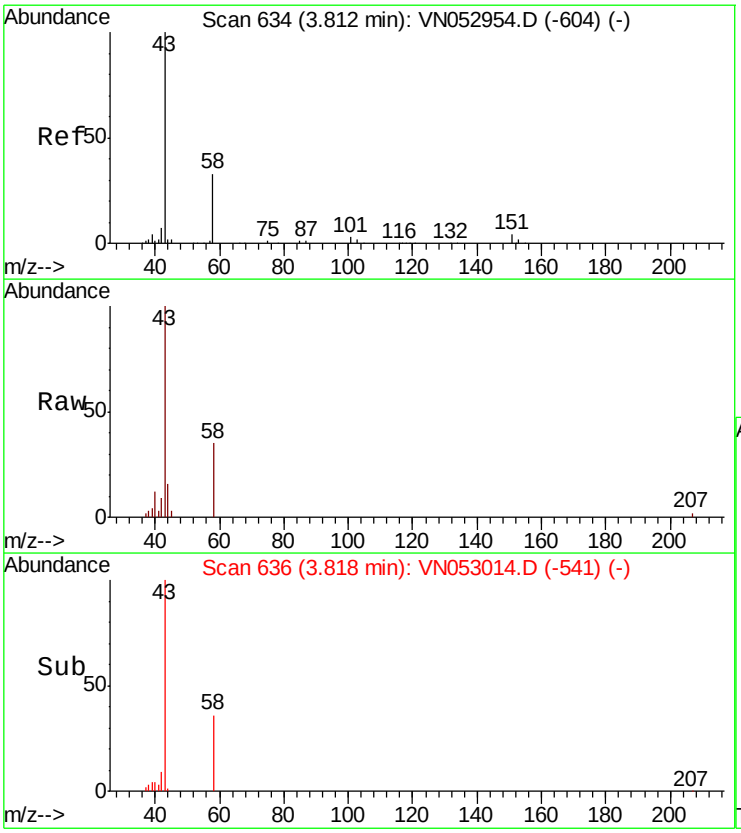
#13
Acrolein
Concen: 0.213 ug/l
RT: 3.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Instrument : MSVOA_N
ClientSampleId : PB115821ZHE#04

Tgt Ion: 56 Resp: 160

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.6	85.0#

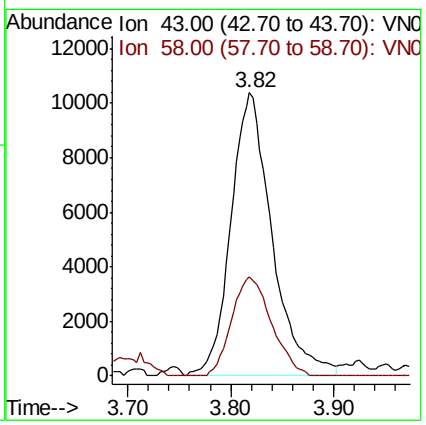


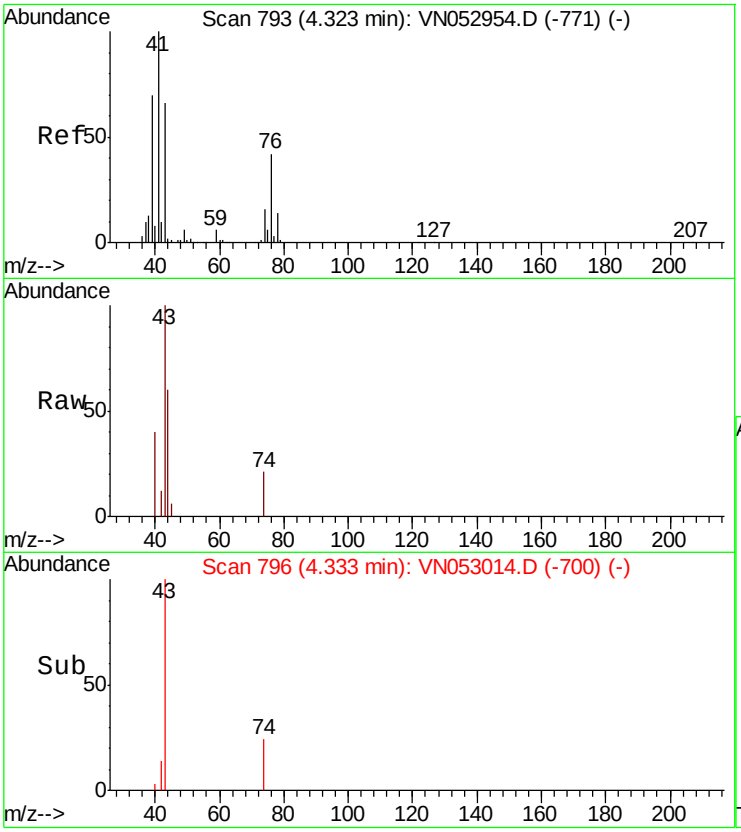


#16
Acetone
Concen: 10.811 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.01 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Tgt Ion: 43 Resp: 28833

Ion	Ratio	Lower	Upper
43	100		
58	34.8	25.4	38.0



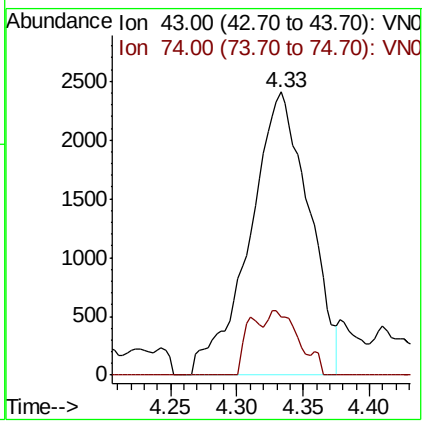


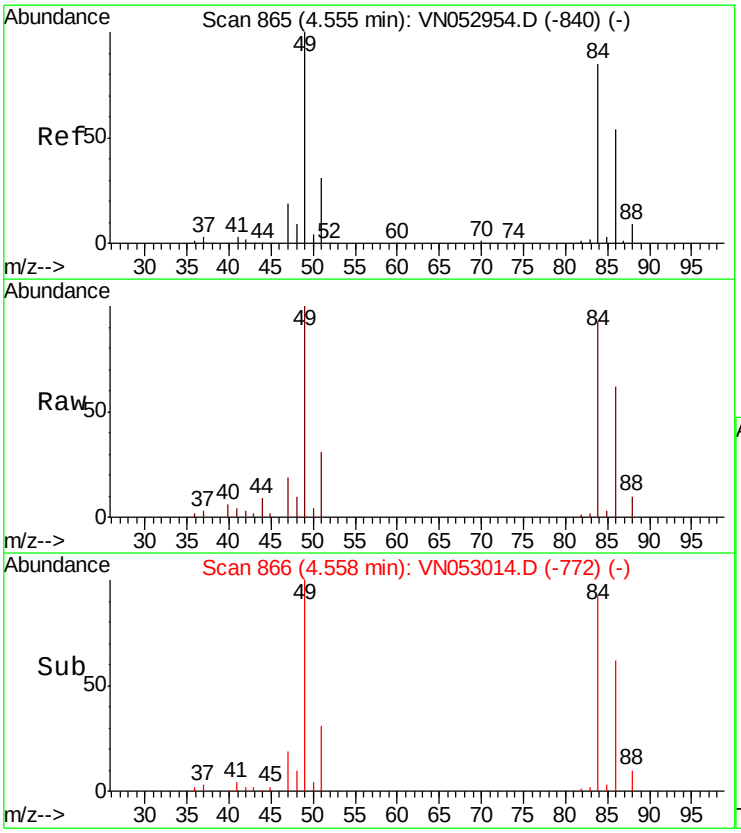
#18
Methyl Acetate
Concen: 1.598 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Instrument : MSVOA_N
ClientSampleId : PB115821ZHE#04

Tgt Ion: 43 Resp: 7489

Ion	Ratio	Lower	Upper
43	100		
74	12.3	19.2	28.8#

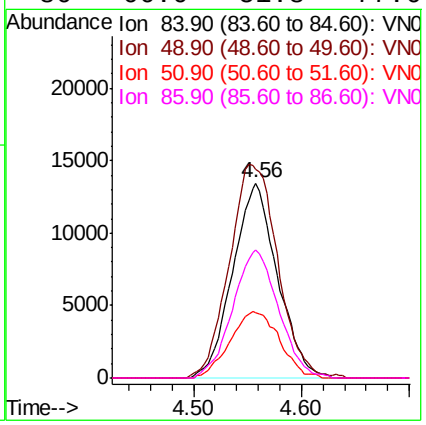


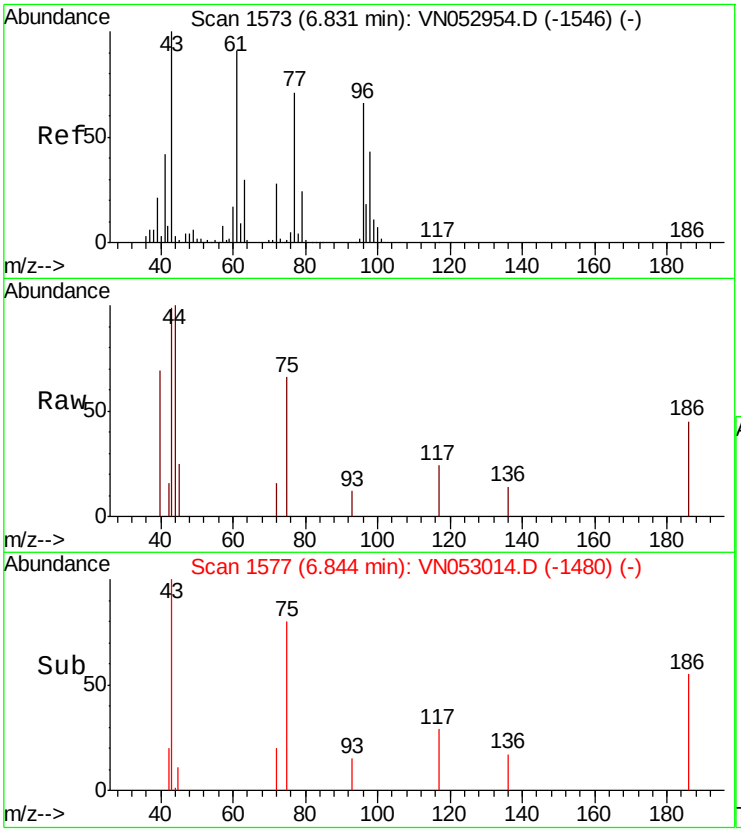


#20
Methylene Chloride
Concen: 2.661 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Tgt Ion: 84 Resp: 38713

Ion	Ratio	Lower	Upper
84	100		
49	107.0	96.8	145.2
51	33.5	29.9	44.9
86	66.0	51.8	77.6



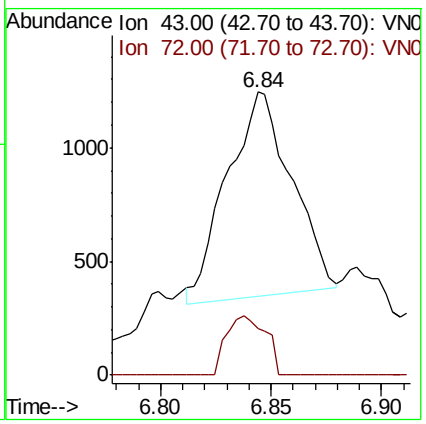


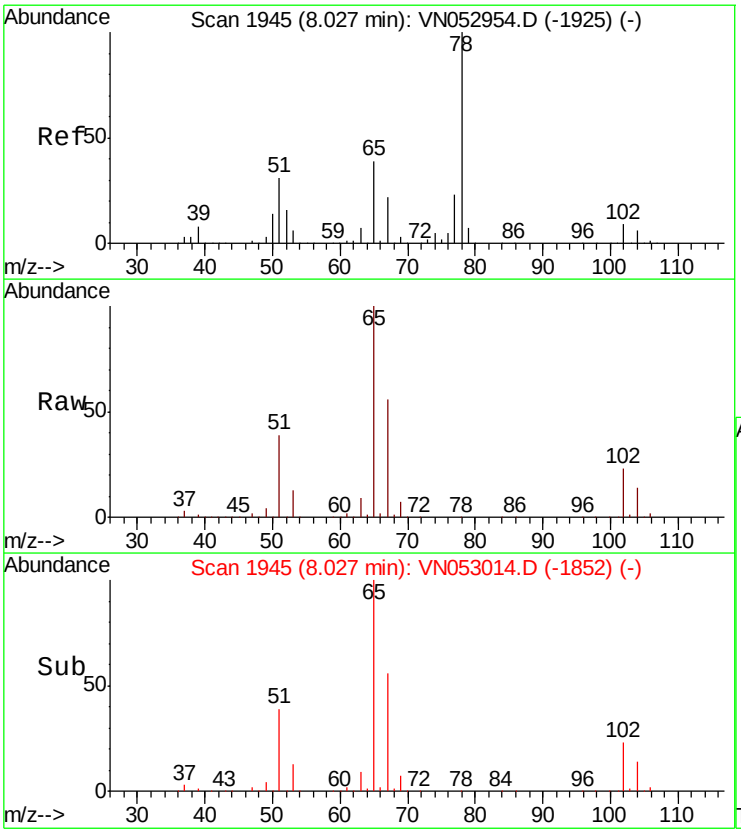
#25
2-Butanone
Concen: 0.408 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Instrument :
MSVOA_N
ClientSampleId :
PB115821ZHE#04

Tgt Ion: 43 Resp: 1827

Ion	Ratio	Lower	Upper
43	100		
72	24.1	21.0	31.6

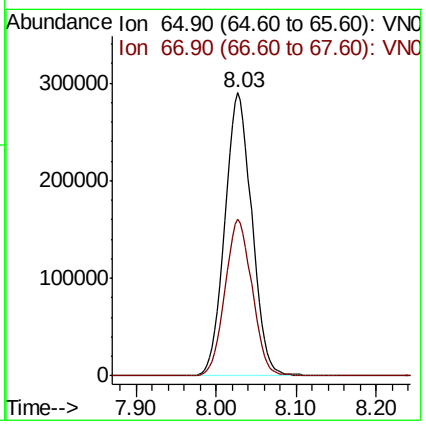


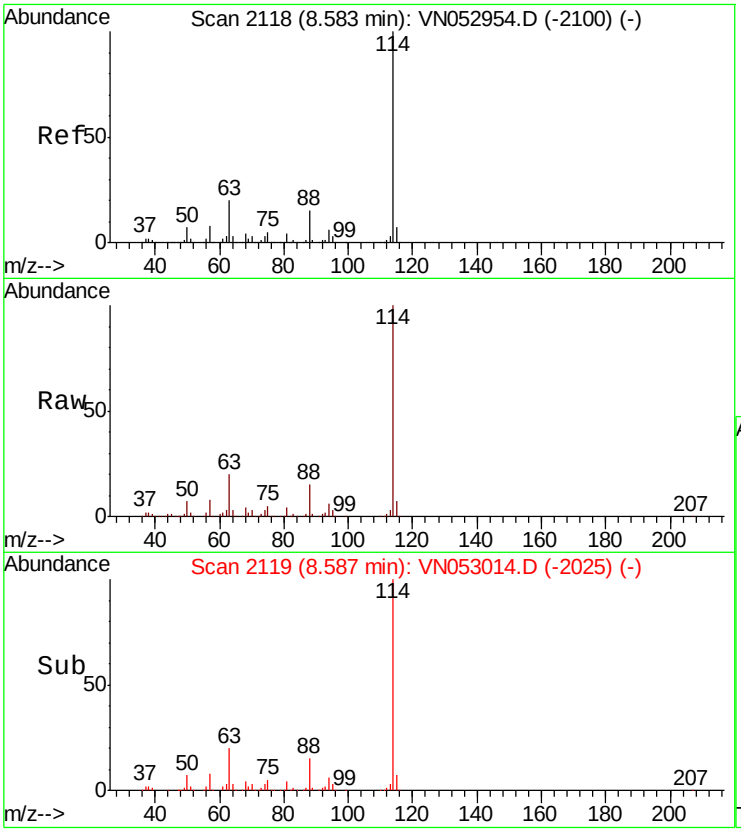


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Tgt Ion: 65 Resp: 666726

Ion	Ratio	Lower	Upper
65	100		
67	55.5	0.0	110.4



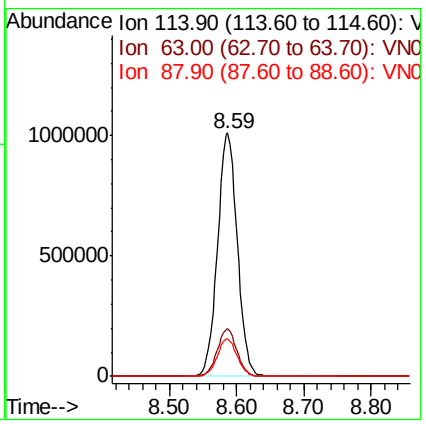


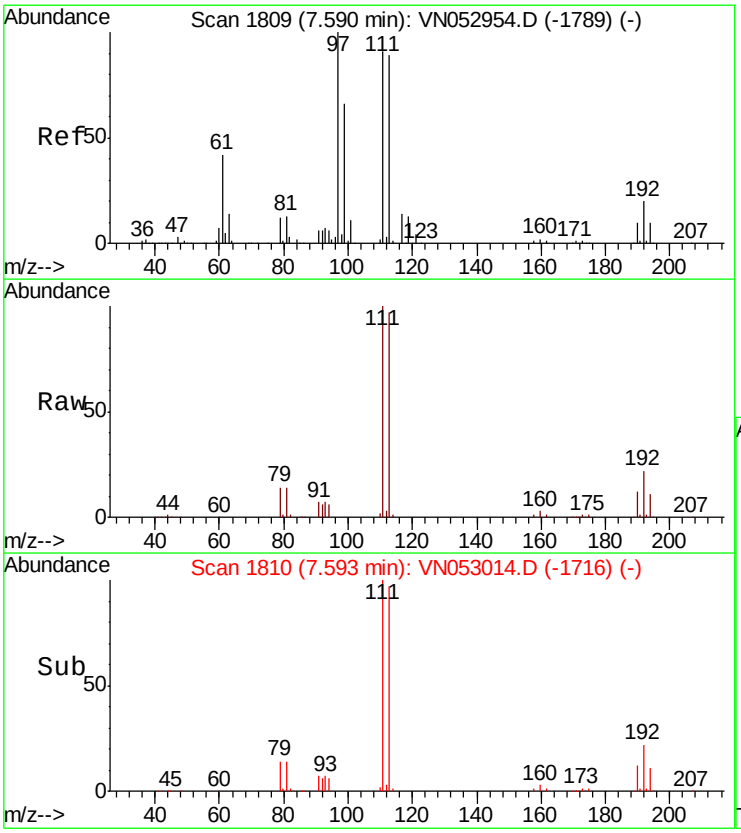
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Instrument :
MSVOA_N
ClientSampleId :
PB115821ZHE#04

Tgt Ion:114 Resp: 2072811

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.8
88	15.3	0.0	31.0

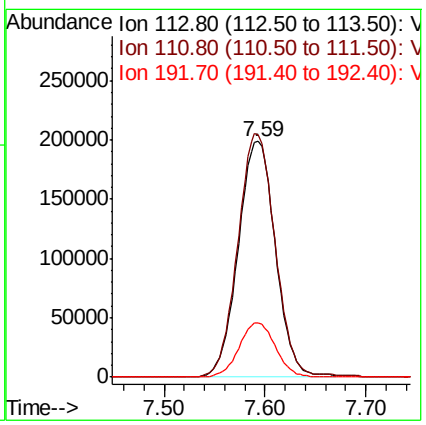


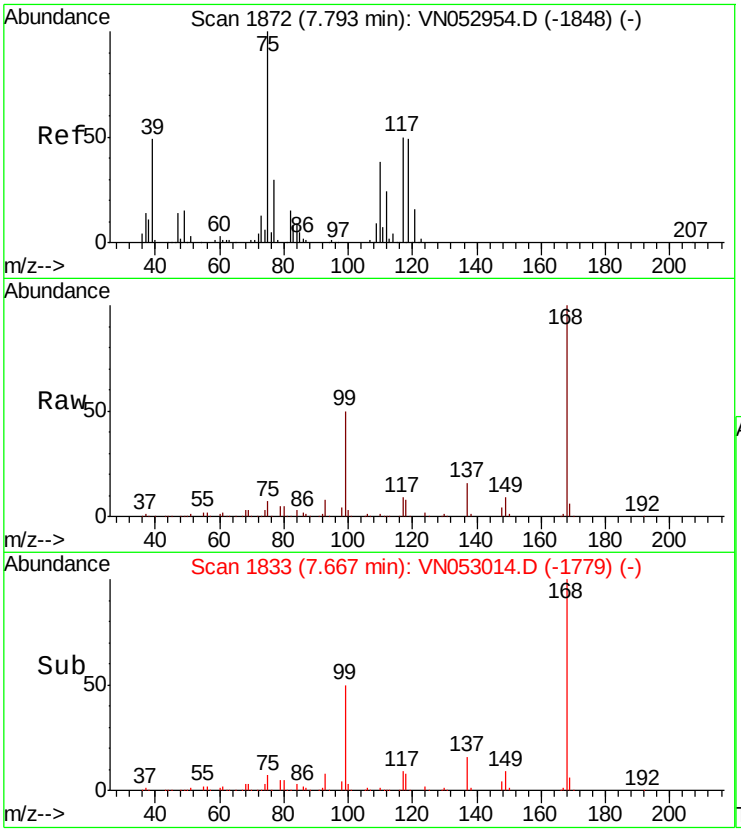


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Tgt Ion:113 Resp: 508727

Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.0	124.4
192	22.6	17.5	26.3



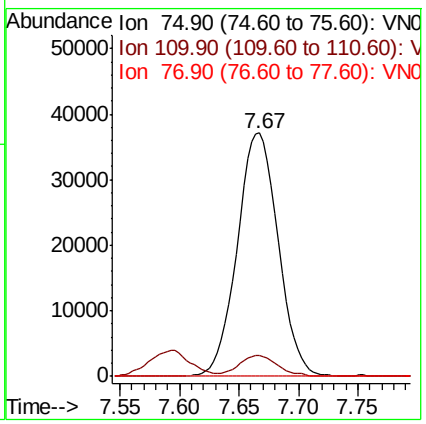


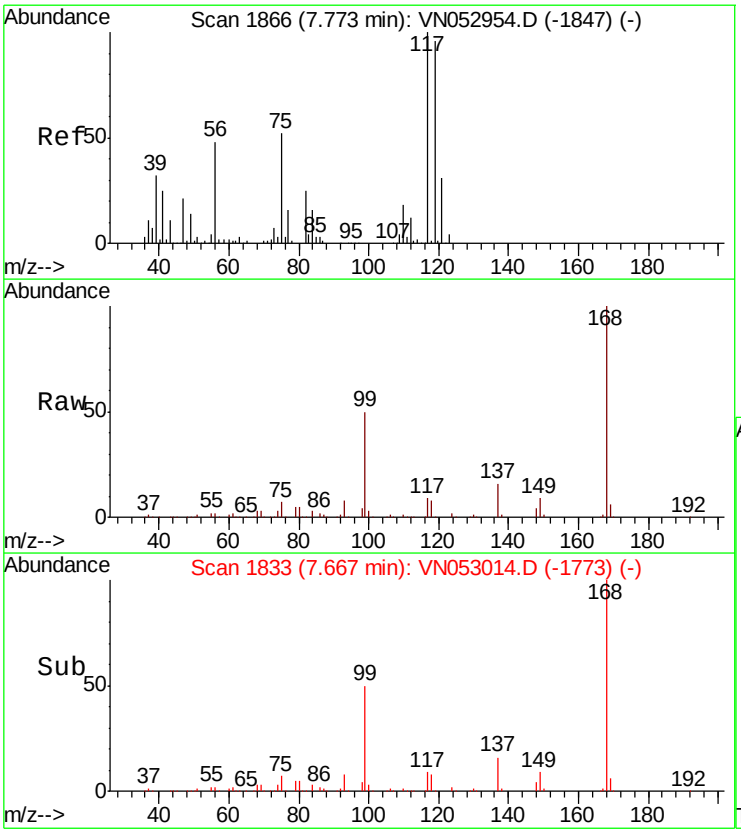
#36
1,1-Dichloropropene
Concen: 4.439 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Instrument :
MSVOA_N
ClientSampleId :
PB115821ZHE#04

Tgt Ion: 75 Resp: 88320

Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.2	54.6#
77	0.0	24.9	37.3#

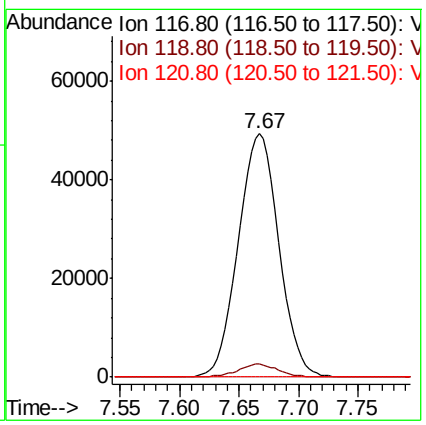


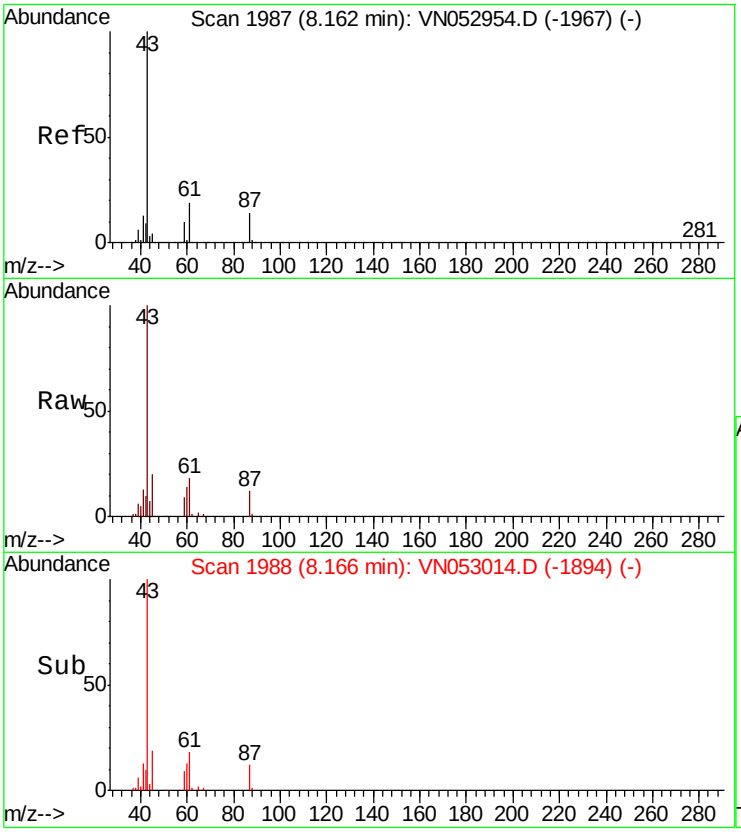


#38
Carbon Tetrachloride
Concen: 6.394 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Tgt Ion:117 Resp: 116602

Ion	Ratio	Lower	Upper
117	100		
119	5.2	77.1	115.7#
121	0.0	24.9	37.3#



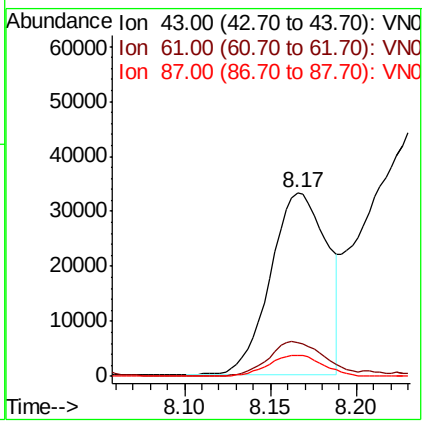


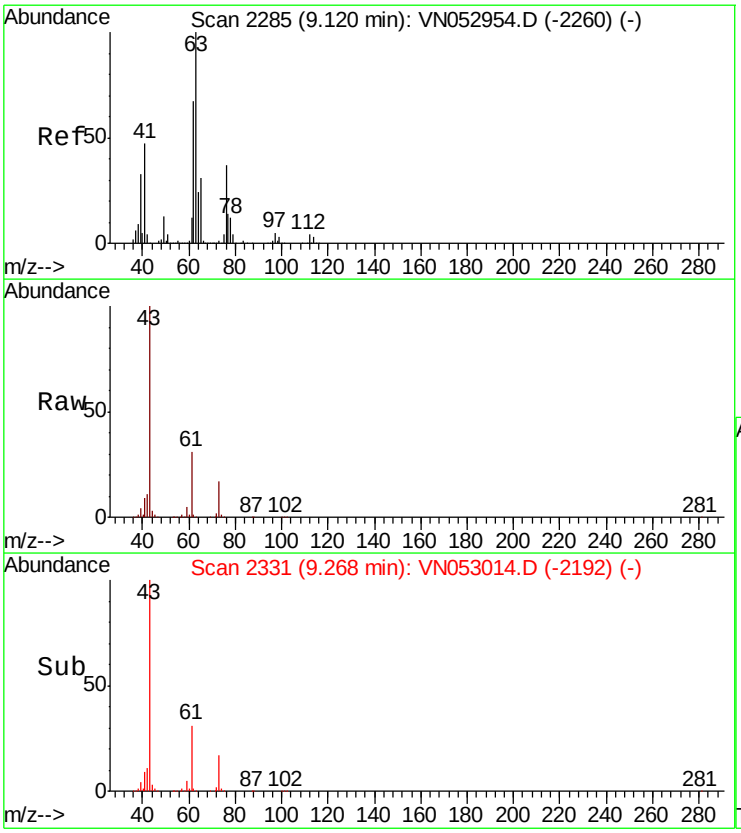
#43
Isopropyl Acetate
Concen: 2.519 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Instrument : MSVOA_N
ClientSampleId : PB115821ZHE#04

Tgt Ion: 43 Resp: 75451

Ion	Ratio	Lower	Upper
43	100		
61	20.1	22.9	34.3#
87	11.3	10.6	15.8

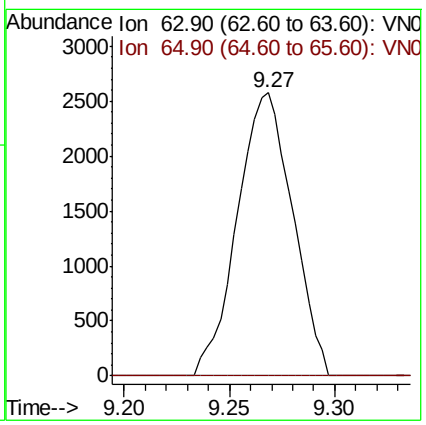


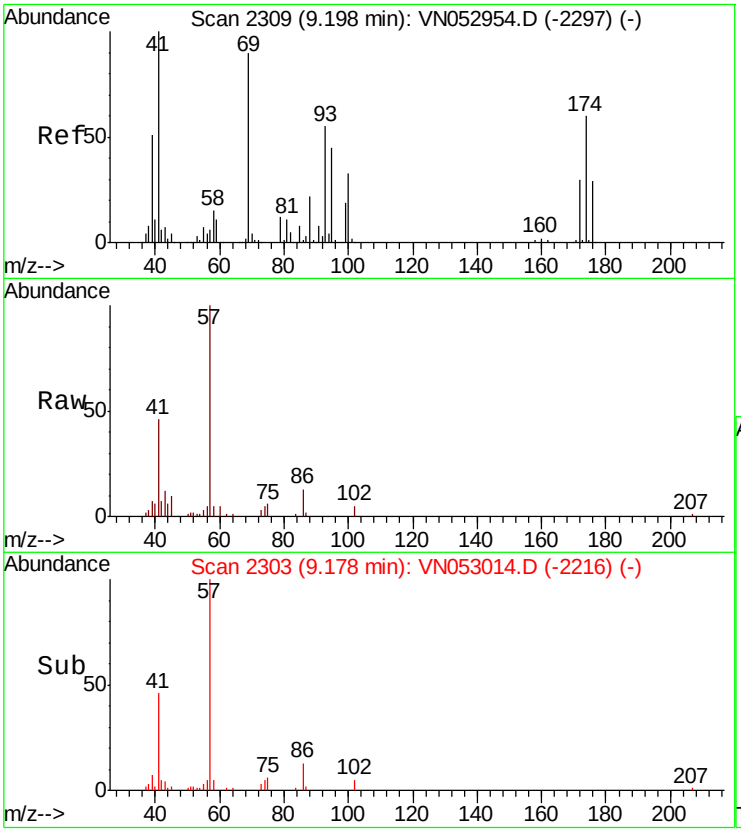


#45
1,2-Dichloropropane
Concen: 0.305 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.15 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Tgt Ion: 63 Resp: 4702

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.6	37.0#



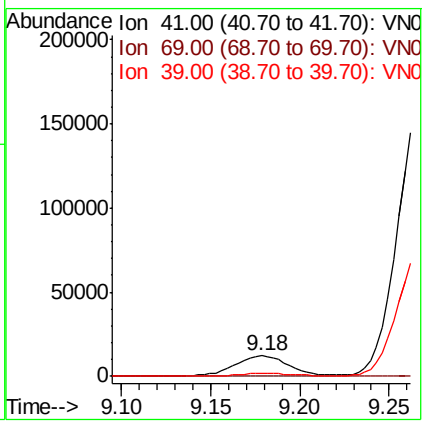


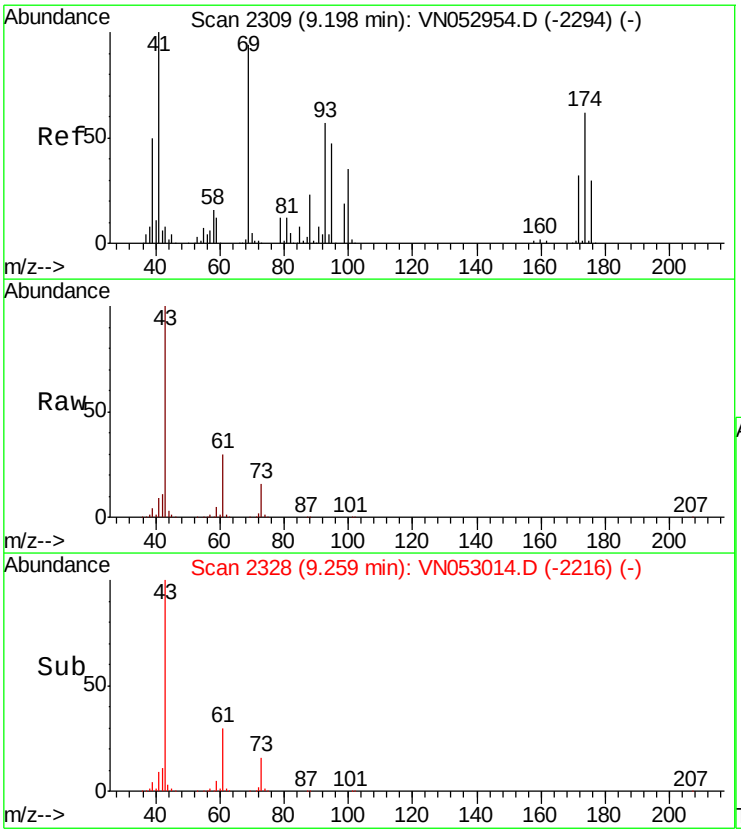
#48
Methyl methacrylate
Concen: 2.274 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Instrument : MSVOA_N
ClientSampleId : PB115821ZHE#04

Tgt Ion: 41 Resp: 24506

Ion	Ratio	Lower	Upper
41	100		
69	0.0	72.2	108.2#
39	0.0	41.9	62.9#

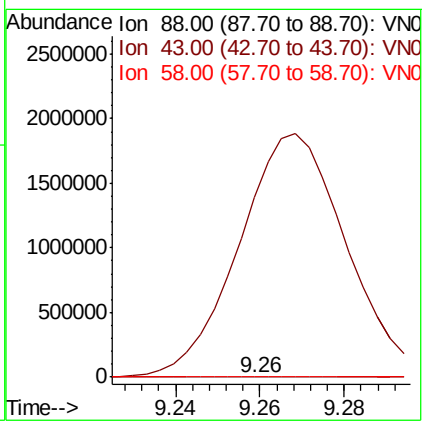


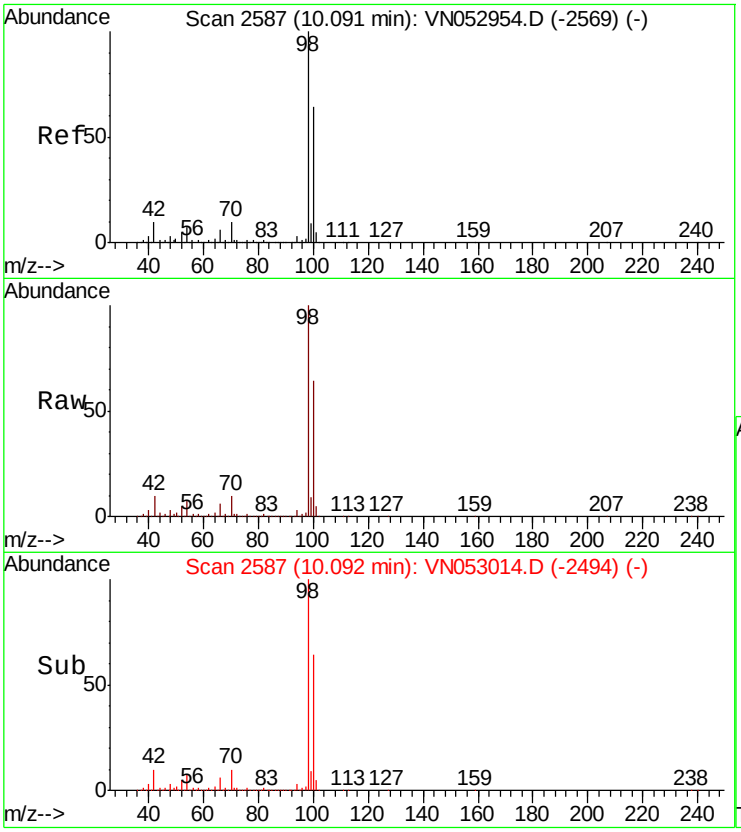


#49
1,4-Dioxane
Concen: 2.824 ug/l
RT: 9.26 min Scan# 2328
Delta R.T. 0.06 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Tgt Ion: 88 Resp: 385

Ion	Ratio	Lower	Upper
88	100		
43	871380.3	26.6	40.0#
58	3656.6	58.4	87.6#



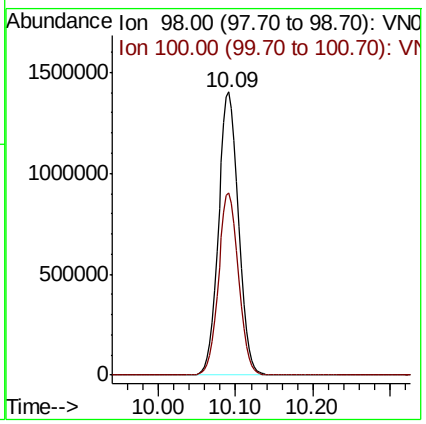


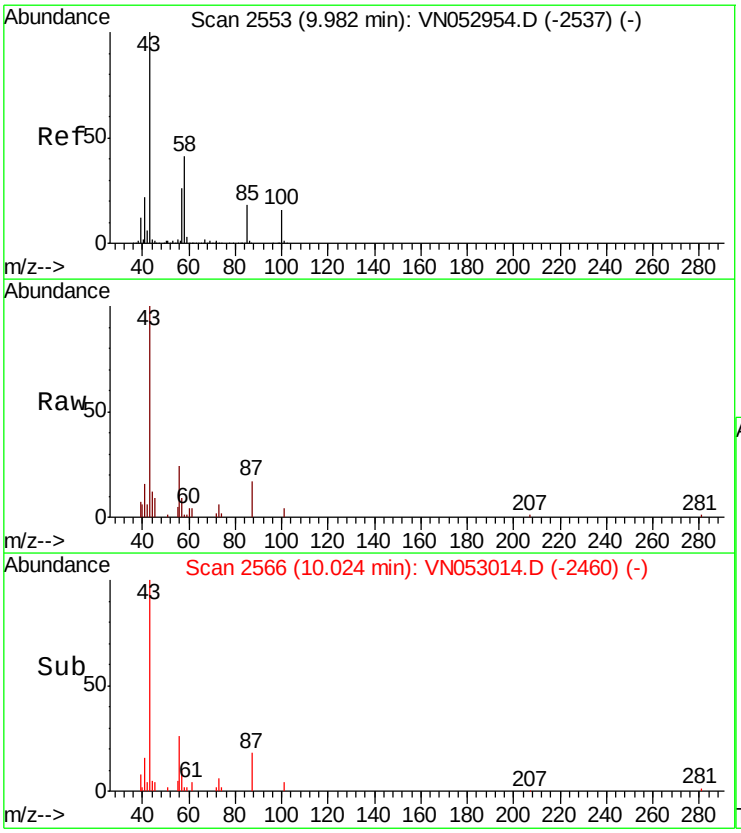
#50
Toluene-d8
Concen: 2.824 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Instrument : MSVOA_N
ClientSampleId : PB115821ZHE#04

Tgt Ion: 98 Resp: 2536817

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4

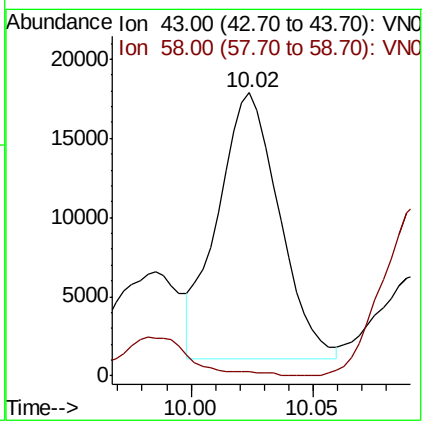


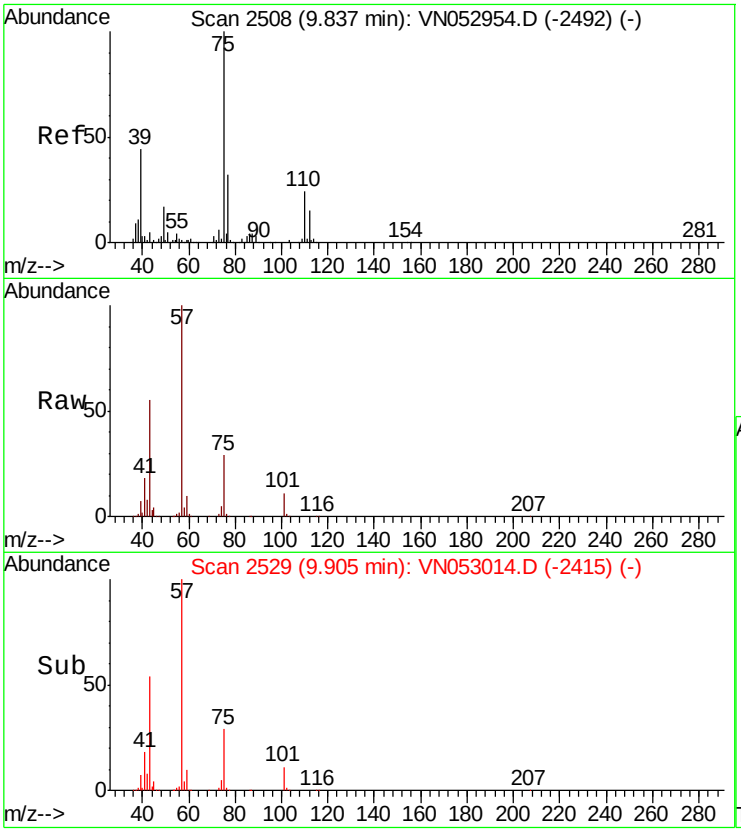


#51
4-Methyl-2-Pentanone
Concen: 2.741 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Tgt Ion: 43 Resp: 29484

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.2	48.4#



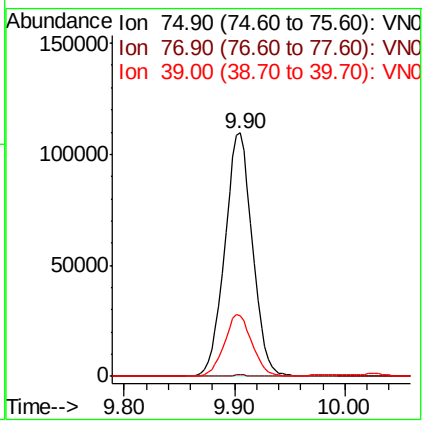


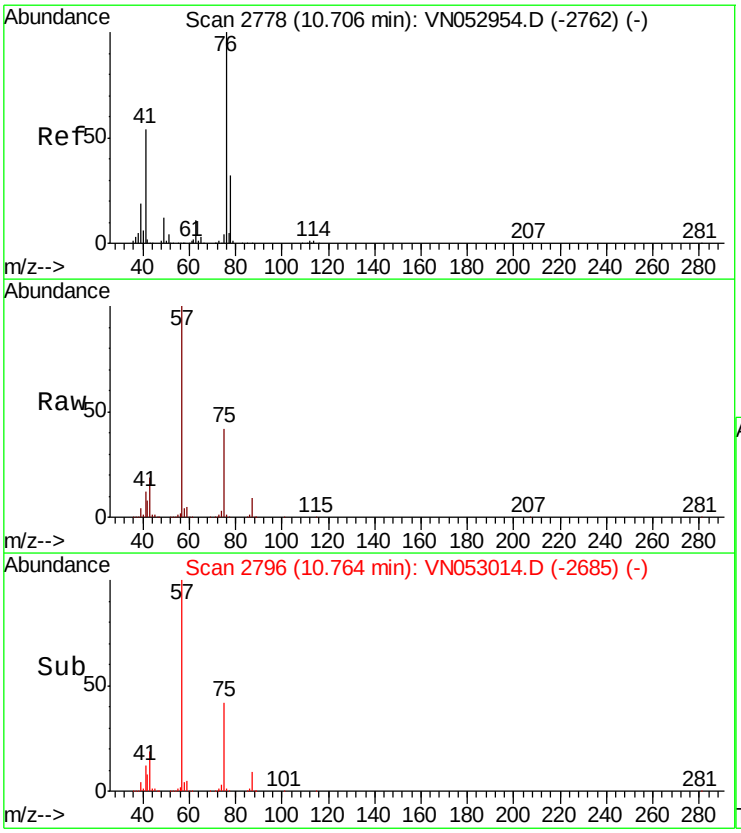
#54
cis-1,3-Dichloropropene
Concen: 8.241 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.07 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Instrument :
MSVOA_N
ClientSampleId :
PB115821ZHE#04

Tgt Ion: 75 Resp: 189853

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.8	38.8#
39	24.8	34.8	52.2#

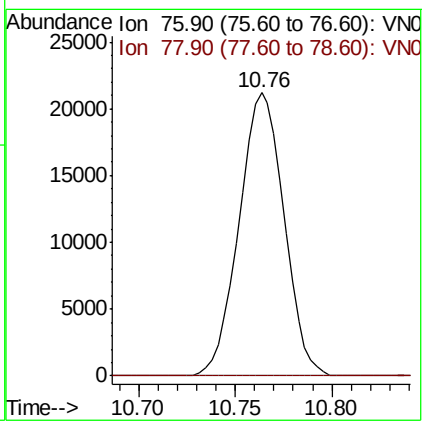


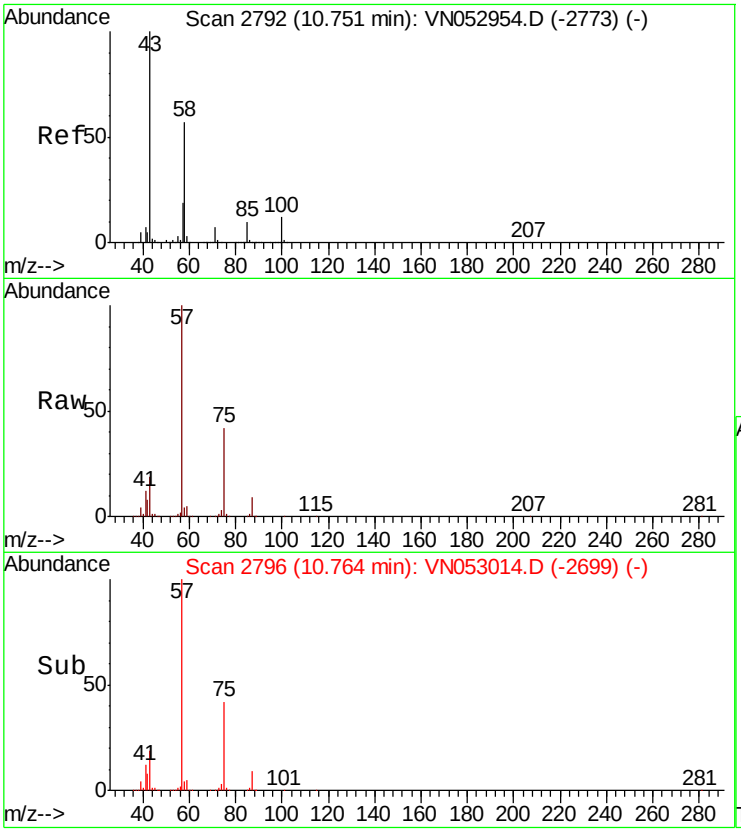


#57
1,3-Dichloropropane
Concen: 1.561 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Tgt Ion: 76 Resp: 34244

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#



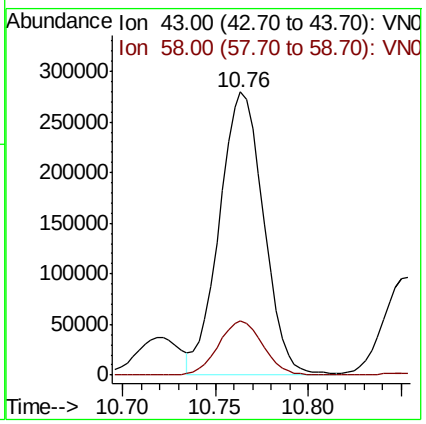


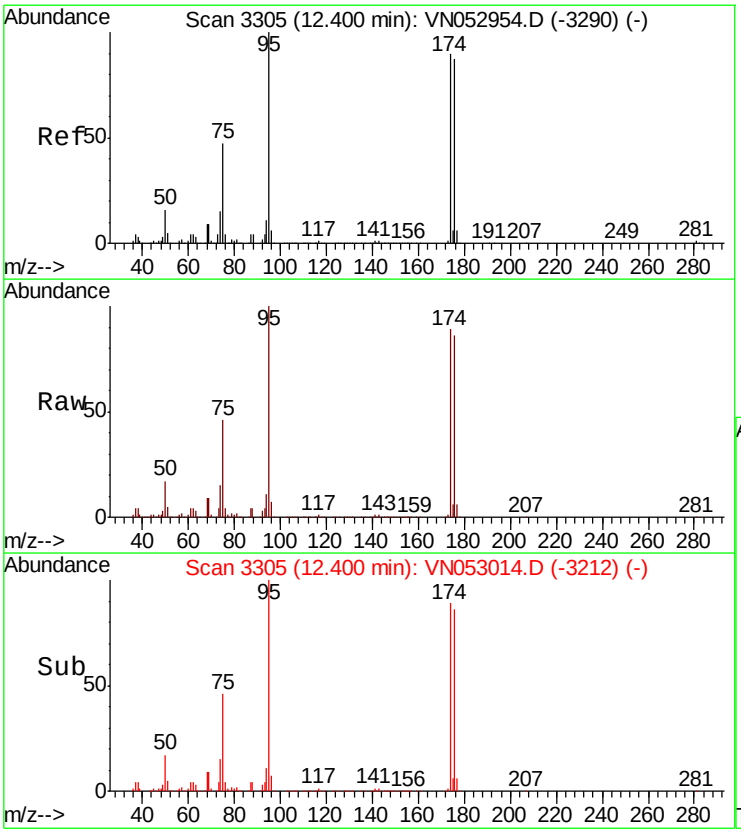
#59
2-Hexanone
Concen: 63.235 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Instrument :
MSVOA_N
ClientSampleId :
PB115821ZHE#04

Tgt Ion: 43 Resp: 460174

Ion	Ratio	Lower	Upper
43	100		
58	19.5	28.1	84.3#

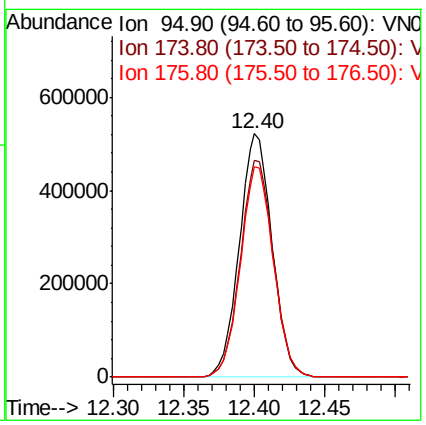


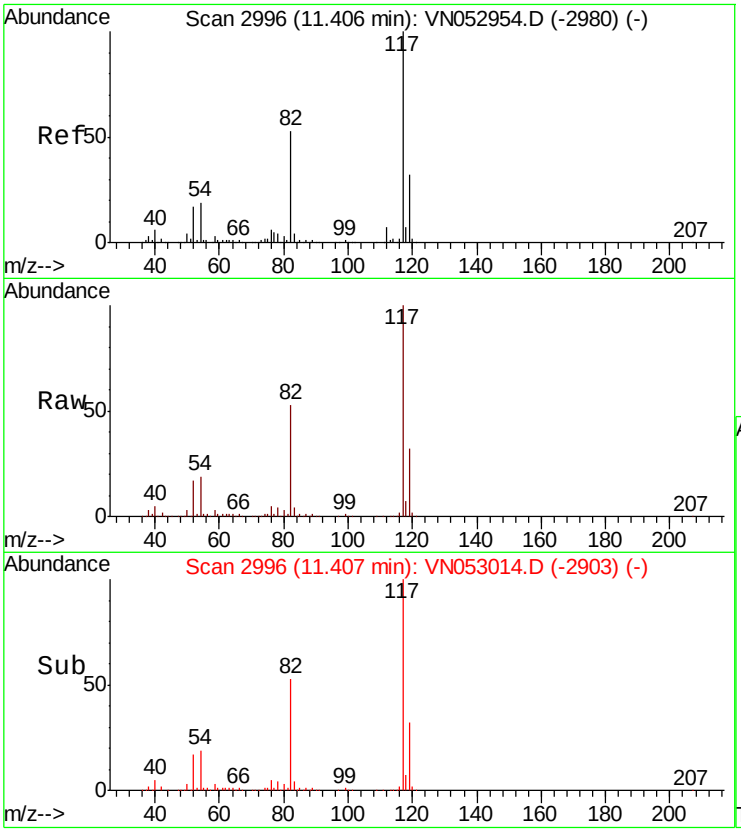


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Tgt Ion: 95 Resp: 849392

Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	178.8
176	87.0	0.0	173.8



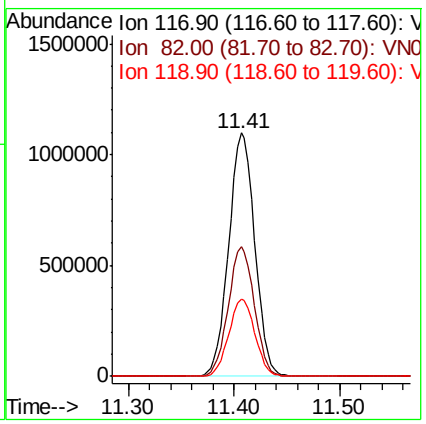


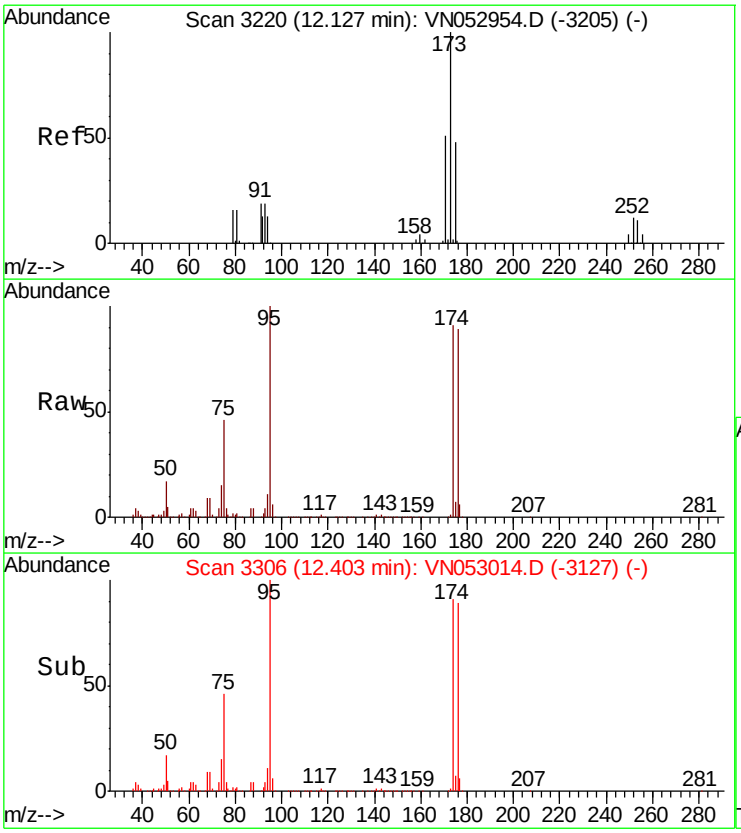
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Instrument :
MSVOA_N
ClientSampleId :
PB115821ZHE#04

Tgt Ion:117 Resp: 1871449

Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.8	64.2
119	31.8	25.5	38.3

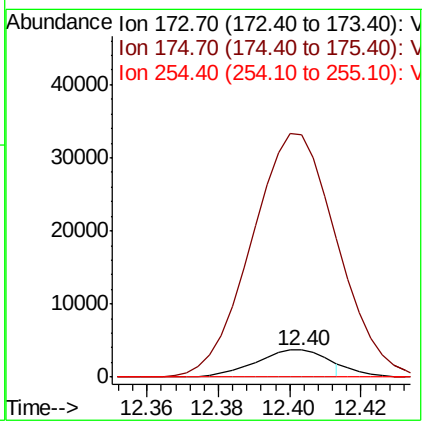


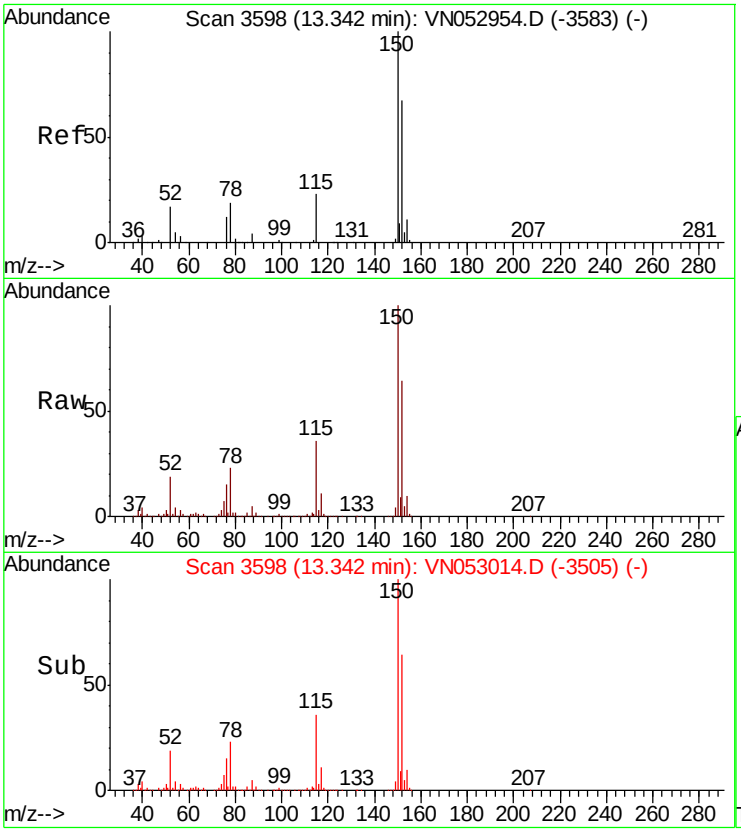


#71
Bromoform
Concen: 0.494 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Tgt Ion:173 Resp: 5147

Ion	Ratio	Lower	Upper
173	100		
175	951.2	24.3	72.9#
254	0.0	0.1	0.1#



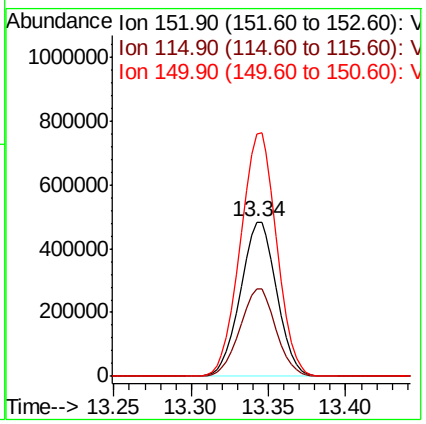


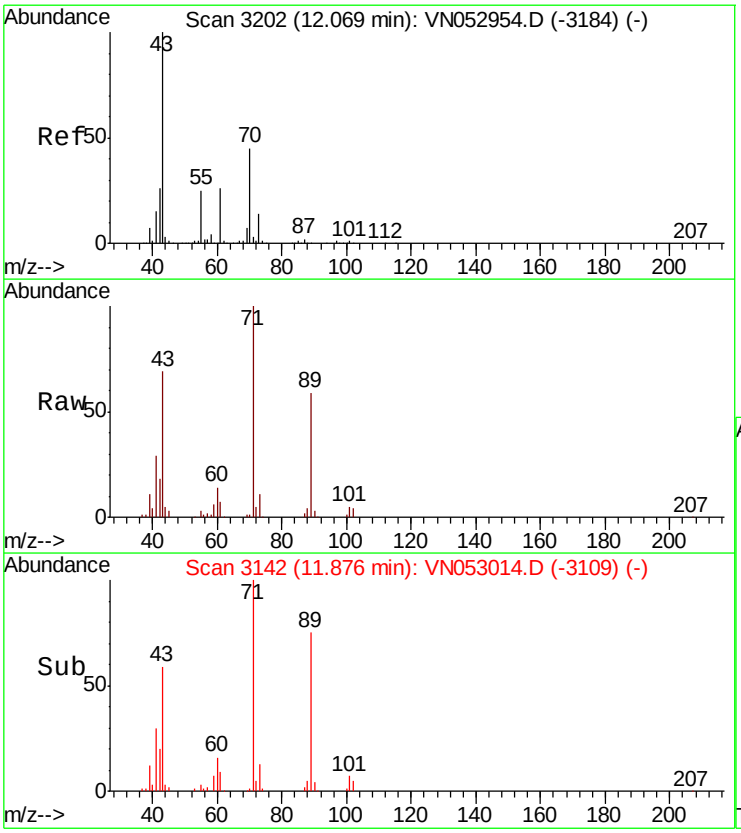
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Instrument : MSVOA_N
ClientSampleId : PB115821ZHE#04

Tgt Ion:152 Resp: 788075

Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.3	85.0
150	157.7	0.0	347.8

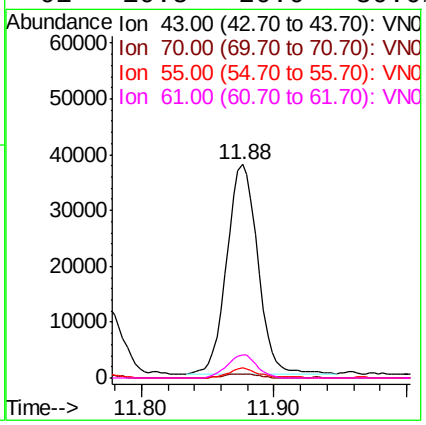


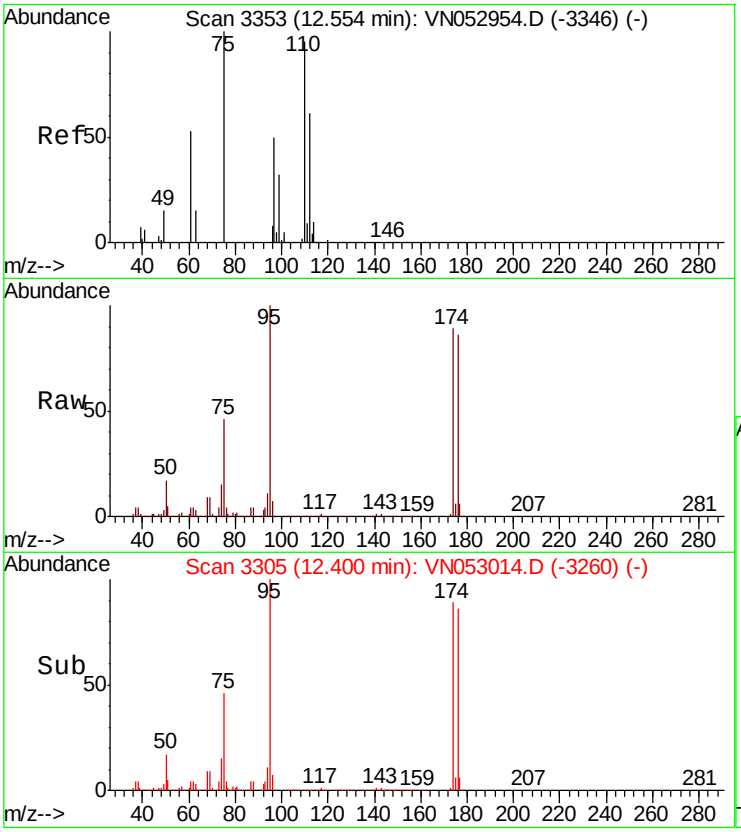


#74
N-amyl acetate
Concen: 3.540 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Tgt Ion: 43 Resp: 60596

Ion	Ratio	Lower	Upper
43	100		
70	2.1	34.2	51.4#
55	4.5	20.3	30.5#
61	10.5	20.0	30.0#



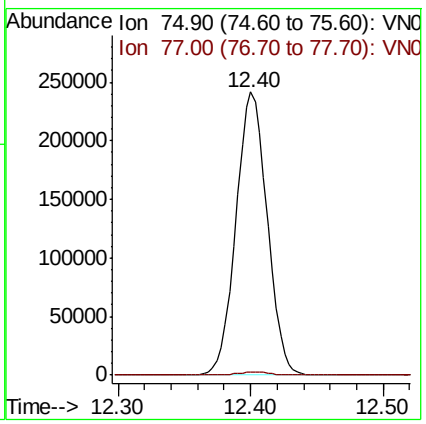


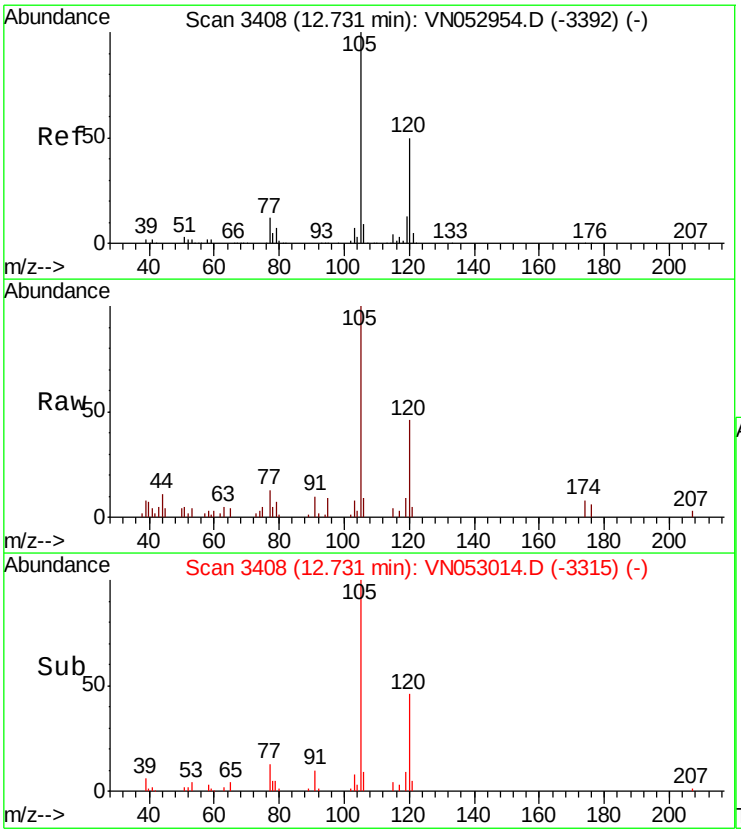
#76
1,2,3-Trichloropropane
Concen: 29.767 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Instrument :
MSVOA_N
ClientSampleId :
PB115821ZHE#04

Tgt Ion: 75 Resp: 394897

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

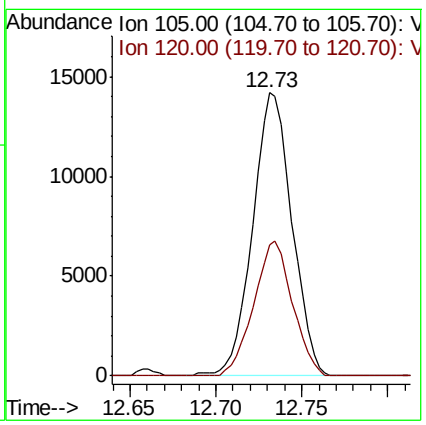


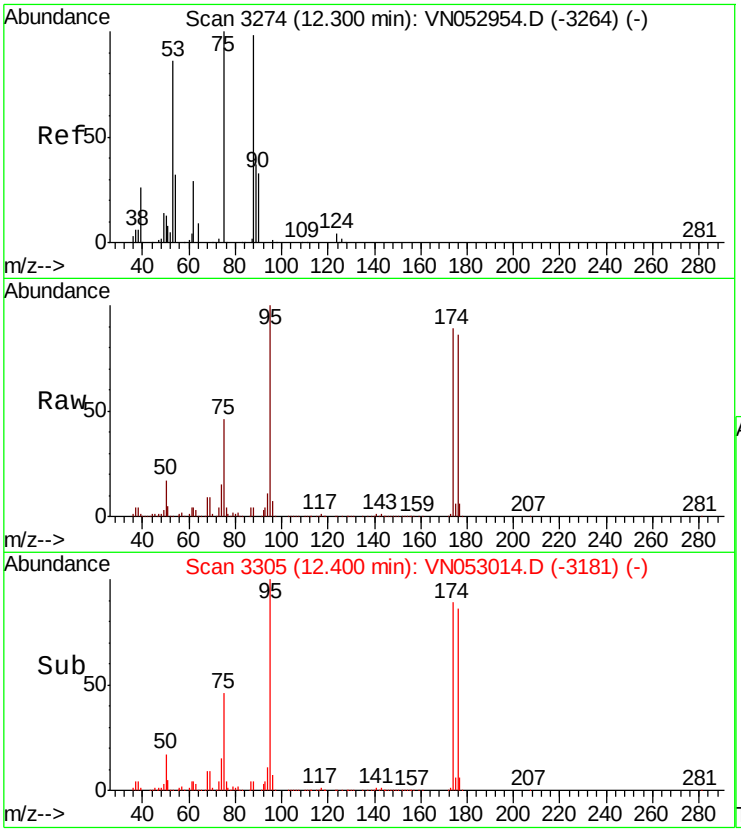


#80
1,3,5-Trimethylbenzene
Concen: 0.447 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Tgt Ion:105 Resp: 22458

Ion	Ratio	Lower	Upper
105	100		
120	46.8	24.4	73.2



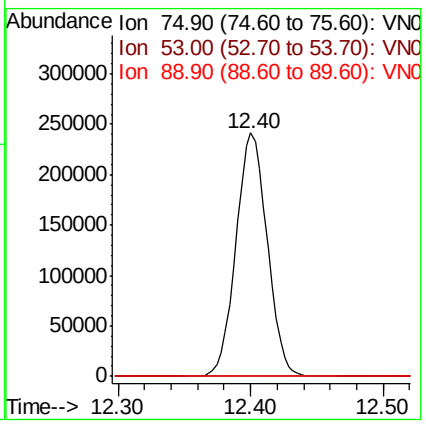


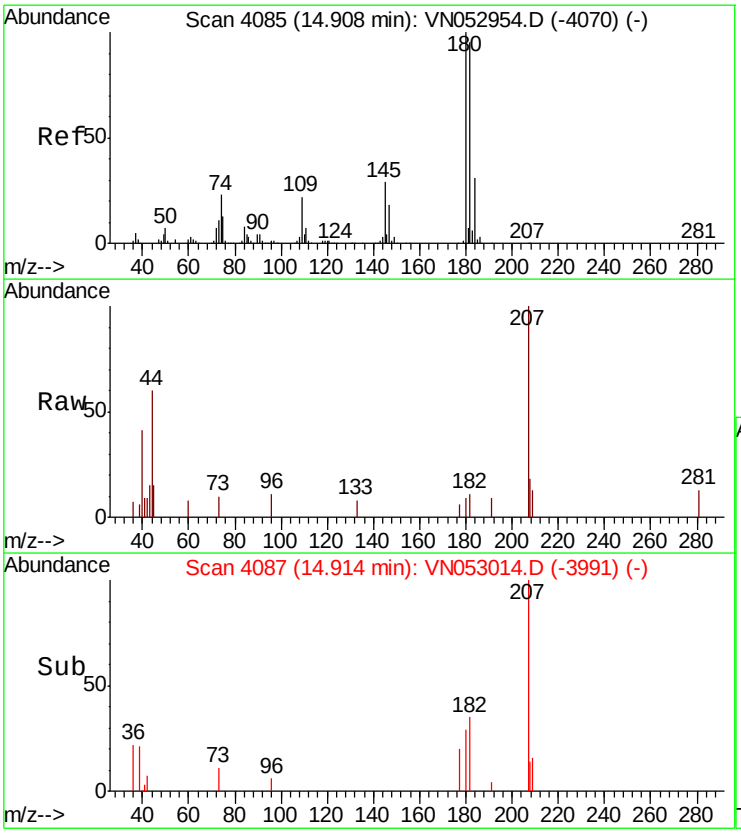
#81
trans-1,4-Dichloro-2-butene
Concen: 95.941 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Instrument :
MSVOA_N
ClientSampleId :
PB115821ZHE#04

Tgt Ion: 75 Resp: 394897

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.7	112.1#
89	0.0	36.1	54.1#

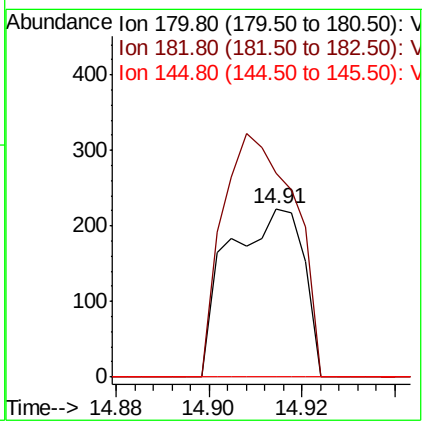


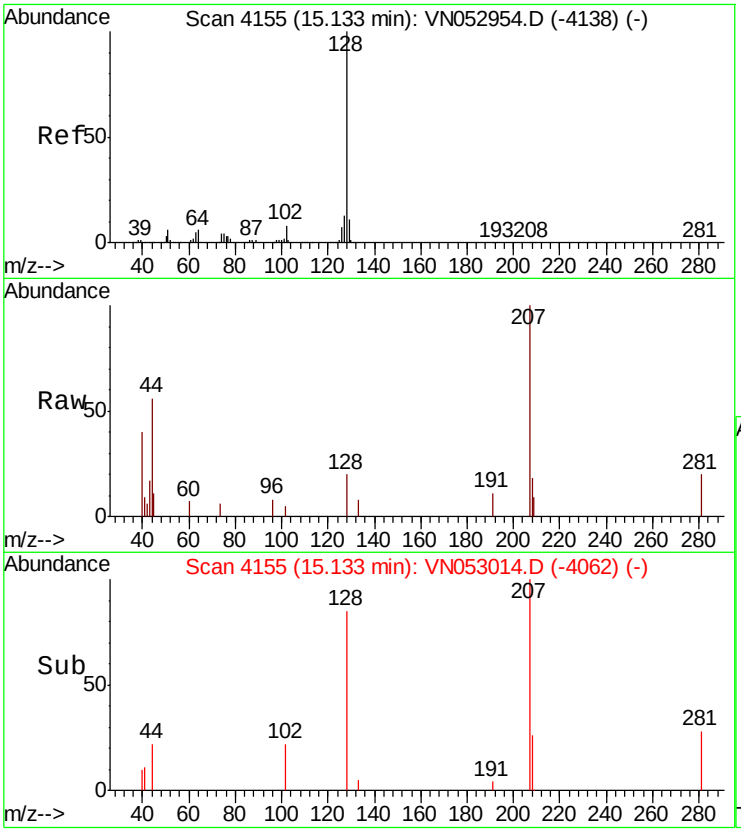


#93
1,2,4-Trichlorobenzene
Concen: 0.614 ug/l
RT: 14.91 min Scan# 4087
Delta R.T. 0.01 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Tgt Ion:180 Resp: 250

Ion	Ratio	Lower	Upper
180	100		
182	138.8	47.8	143.3
145	0.0	14.2	42.6#



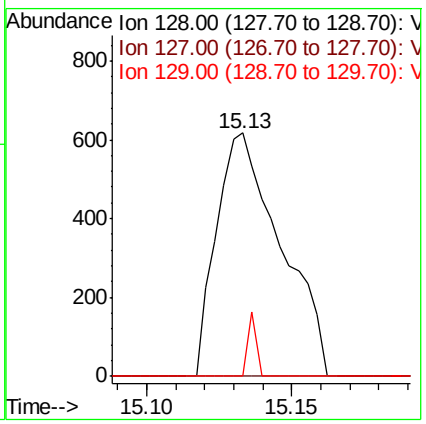


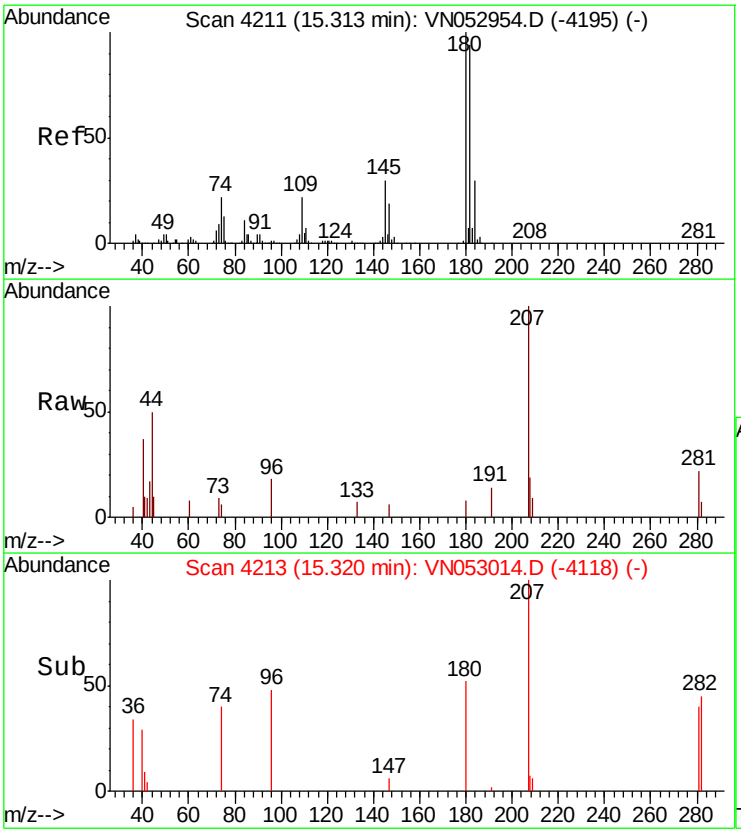
#95
Naphthalene
Concen: 1.177 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Instrument :
MSVOA_N
ClientSampleId :
PB115821ZHE#04

Tgt Ion:128 Resp: 950

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	3.3	8.6	13.0#





#96
1,2,3-Trichlorobenzene
Concen: 0.520 ug/l
RT: 15.32 min Scan# 4213
Delta R.T. 0.01 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Tgt Ion:180 Resp: 152

Ion	Ratio	Lower	Upper
180	100		
182	72.4	47.9	143.7
145	0.0	15.0	45.0#