Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122218\
Data File : VN053136.D
Acq On : 22 Dec 2018 16:45
Operator : MD\SY
Sample : J6392-22ME
Misc : 6.49g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 14 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : KY001SB106-121218-(22-24)ME

Quant Time: Dec 23 23:06:16 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	7.66	168	1213752	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.58	114	1820051	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	1527477	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	707599	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.02	65	552255	44.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.68%				
35) Dibromofluoromethane	7.59	113	451513	54.31	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.62%				
50) Toluene-d8	10.09	98	2373814	53.19	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.38%				
62) 4-Bromofluorobenzene	12.40	95	736519	47.01	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.02%				
Target Compounds							Qvalue
5) Bromomethane	2.52	94	2105	0.202	ug/l		93
13) Acrolein	3.55	56	549	0.806	ug/l	#	1
14) Allyl chloride	4.58	41	206756	11.538	ug/l	#	57
15) Acrylonitrile	5.04	53	7787	1.865	ug/l	#	5
16) Acetone	3.79	43	16399	6.790	ug/l	#	52
17) Carbon Disulfide	4.05	76	9683	0.257	ug/l		99
18) Methyl Acetate	4.59	43	532461	48.605	ug/l	#	51
20) Methylene Chloride	4.55	84	10099	0.767	ug/l	#	72
25) 2-Butanone	6.82	43	24671	6.087	ug/l	#	49
29) Tetrahydrofuran	7.21	42	2144	0.708	ug/l	#	34
30) Chloroform	7.32	83	55479	2.485	ug/l	#	19
31) Cyclohexane	7.64	56	1142516	53.674	ug/l	#	60
36) 1,1-Dichloropropene	7.66	75	79650	4.559	ug/l	#	48
37) Ethyl Acetate	6.82	43	24671	2.530	ug/l	#	68
38) Carbon Tetrachloride	7.66	117	103647	6.473	ug/l	#	15
39) Methylcyclohexane	9.08	83	3352423	157.971	ug/l		91
40) Benzene	8.04	78	547078	10.528	ug/l		98
41) Methacrylonitrile	7.21	41	14050	2.493	ug/l	#	38
42) 1,2-Dichloroethane	8.16	62	3190	0.208	ug/l	#	1
43) Isopropyl Acetate	8.15	43	435435	22.498	ug/l	#	53
45) 1,2-Dichloropropane	9.14	63	10895	0.805	ug/l	#	1
47) Bromodichloromethane	9.38	83	200807	11.981	ug/l	#	26
48) Methyl methacrylate	9.22	41	286760	30.302	ug/l	#	24
51) 4-Methyl-2-Pentanone	10.02	43	881914	93.381	ug/l	#	82
52) Toluene	10.16	92	57417	1.783	ug/l		99
55) 1,1,2-Trichloroethane	10.53	97	988667	87.989	ug/l	#	22
56) Ethyl methacrylate	10.44	69	50405	3.389	ug/l	#	1
58) 2-Chloroethyl Vinyl ether	9.66	63	21100	2.584	ug/l	#	49
59) 2-Hexanone	10.72	43	1327785	207.797	ug/l	#	29
60) Dibromochloromethane	10.82	129	8171	0.635	ug/l		57
61) 1,2-Dibromoethane	10.98	107	4603	0.403	ug/l	#	1
65) Chlorobenzene	11.54	112	14125	0.417	ug/l	#	43
67) Ethyl Benzene	11.62	91	16791870	288.371	ug/l	#	57
68) m/p-Xylenes	11.63	106	8888390	401.525	ug/l		91

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122218\
Data File : VN053136.D
Acq On : 22 Dec 2018 16:45
Operator : MD\SY
Sample : J6392-22ME
Misc : 6.49g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 14 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : KY001SB106-121218-(22-24)ME

Quant Time: Dec 23 23:06:16 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)
69) o-Xylene	11.95	106	7285605	342.984	ug/l		95
70) Styrene	11.95	104	347546	10.034	ug/l	#	1
71) Bromoform	12.40	173	4066	0.478	ug/l	#	1
73) Isopropylbenzene	12.25	105	7099931	128.242	ug/l		99
74) N-amyl acetate	12.04	43	540657	35.174	ug/l	#	52
75) 1,1,2,2-Tetrachloroethane	12.55	83	16616	1.530	ug/l	#	1
76) 1,2,3-Trichloropropane	12.59	75	66785	5.607	ug/l	#	100
77) Bromobenzene	12.56	156	34073	2.368	ug/l	#	1
78) n-propylbenzene	12.59	91	12683967	201.161	ug/l		99
79) 2-Chlorotoluene	12.66	91	1079779	27.627	ug/l	#	40
80) 1,3,5-Trimethylbenzene	12.73	105	12823057	284.161	ug/l		98
81) trans-1,4-Dichloro-2-buten	12.25	75	72569	19.636	ug/l	#	66
82) 4-Chlorotoluene	12.73	91	1259563	32.922	ug/l	#	41
83) tert-Butylbenzene	13.04	119	5507773	138.005	ug/l	#	72
84) 1,2,4-Trimethylbenzene	12.89	105	11439617	252.172	ug/l		78
85) sec-Butylbenzene	13.17	105	1271709	23.558	ug/l	#	49
86) p-Isopropyltoluene	13.29	119	766231	16.427	ug/l		100
89) n-Butylbenzene	13.62	91	2144436	53.438	ug/l	#	73
90) Hexachloroethane	13.89	117	721861	100.846	ug/l	#	4
92) 1,2-Dibromo-3-Chloropropan	14.25	75	35869	19.099	ug/l	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	844	0.662	ug/l	#	70
95) Naphthalene	15.13	128	4587191	162.248	ug/l		100
96) 1,2,3-Trichlorobenzene	15.33	180	987	0.593	ug/l	#	1

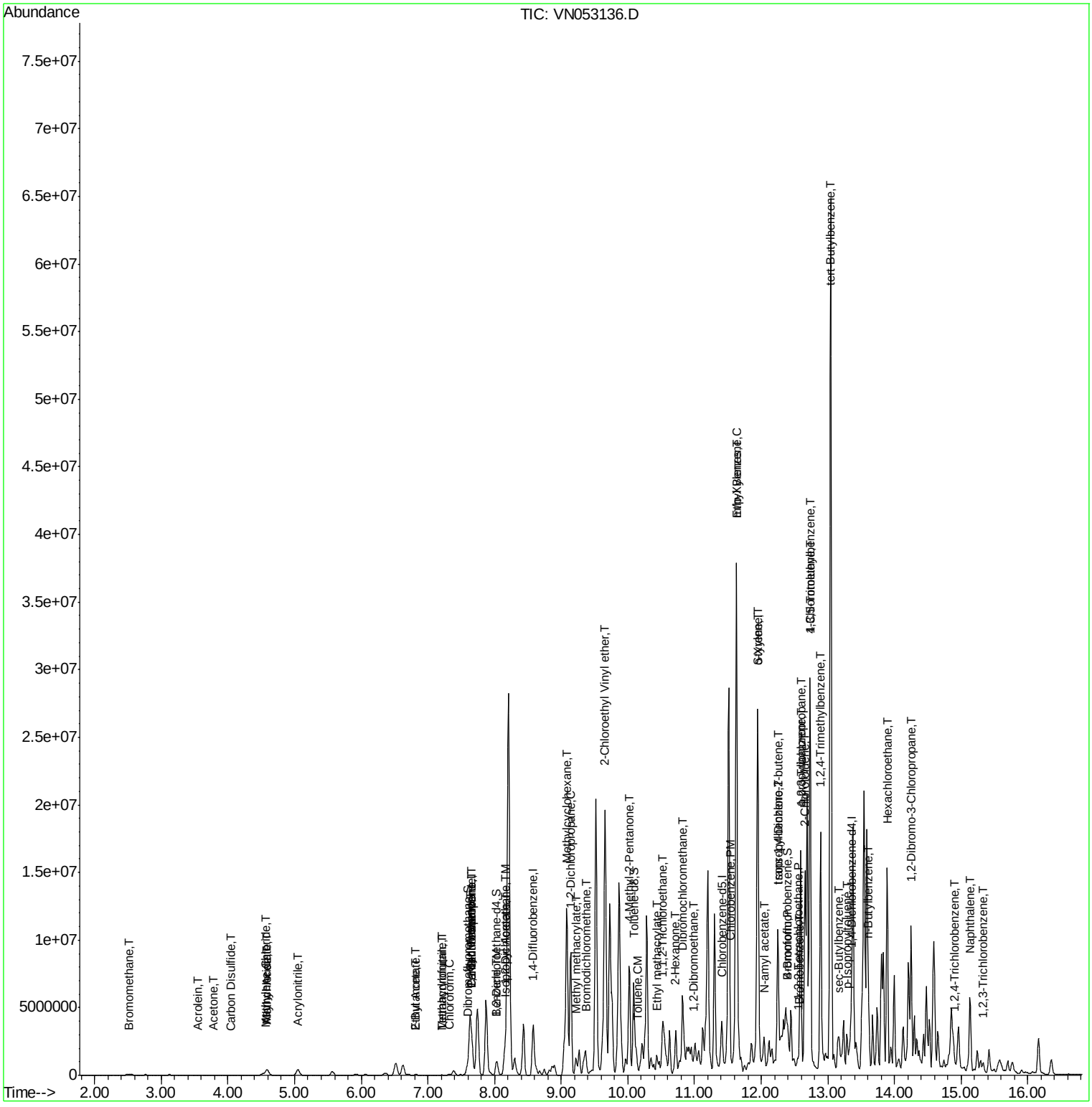
(#) = qualifier out of range (m) = manual integration (+) = signals summed

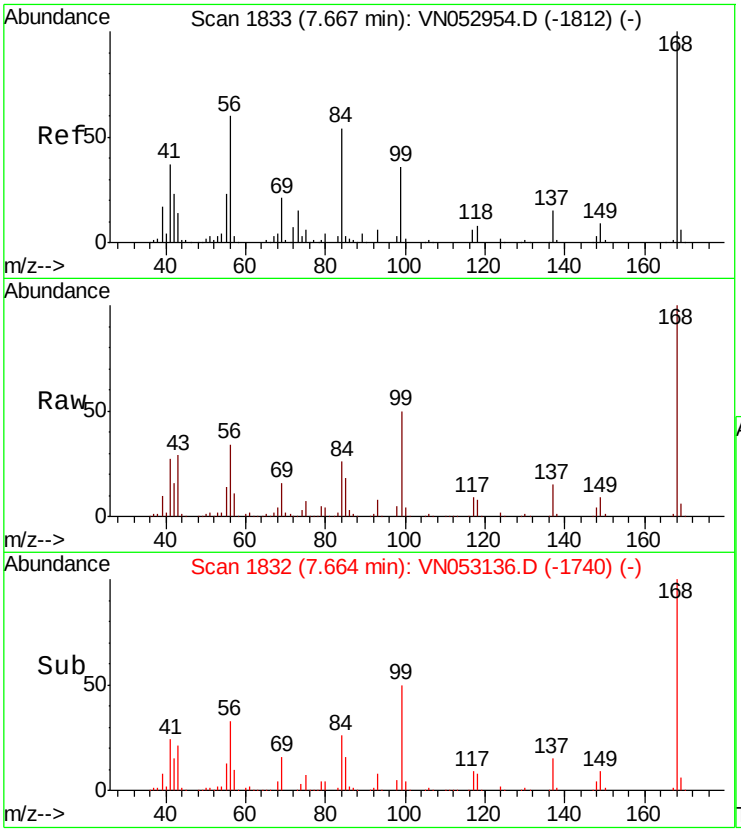
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122218\
Data File : VN053136.D
Acq On : 22 Dec 2018 16:45
Operator : MD\SY
Sample : J6392-22ME
Misc : 6.49g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 14 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Quant Time: Dec 23 23:06:16 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



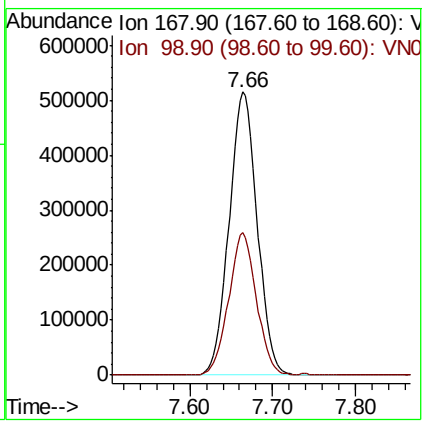


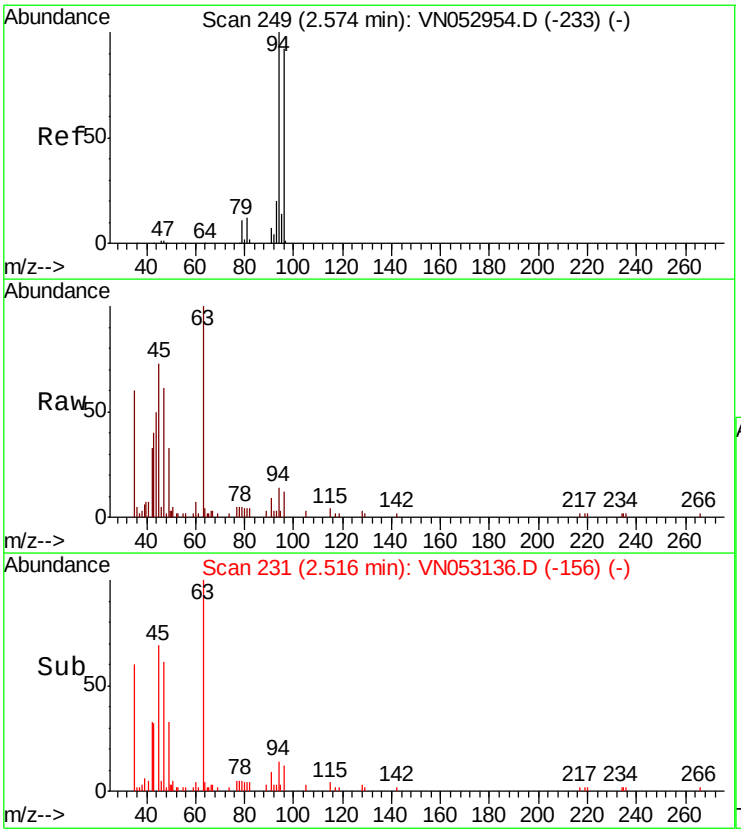
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Tgt Ion:168 Resp: 1213752

Ion	Ratio	Lower	Upper
168	100		
99	50.2	40.2	60.2

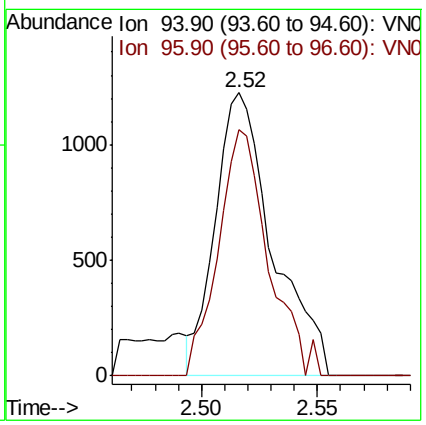


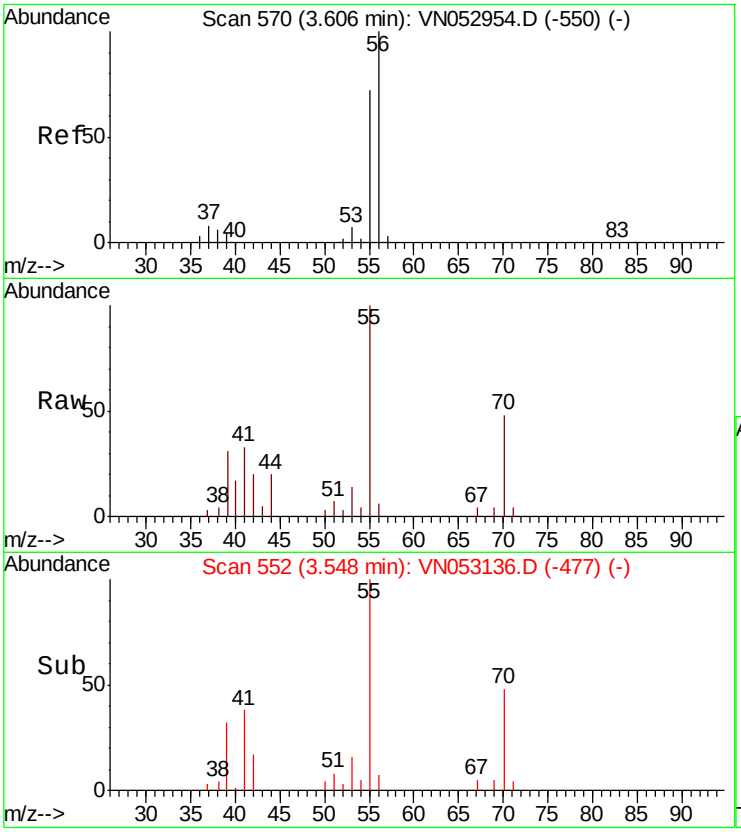


#5
Bromomethane
Concen: 0.202 ug/l
RT: 2.52 min Scan# 231
Delta R.T. -0.06 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion: 94 Resp: 2105

Ion	Ratio	Lower	Upper
94	100		
96	87.0	75.0	112.4



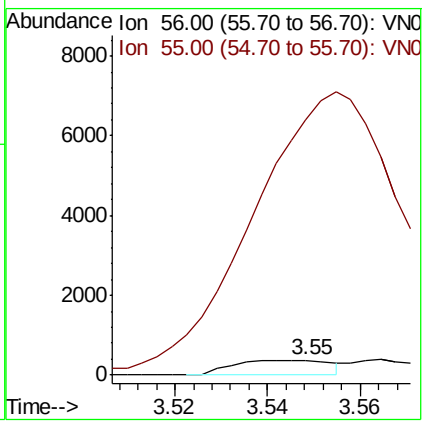


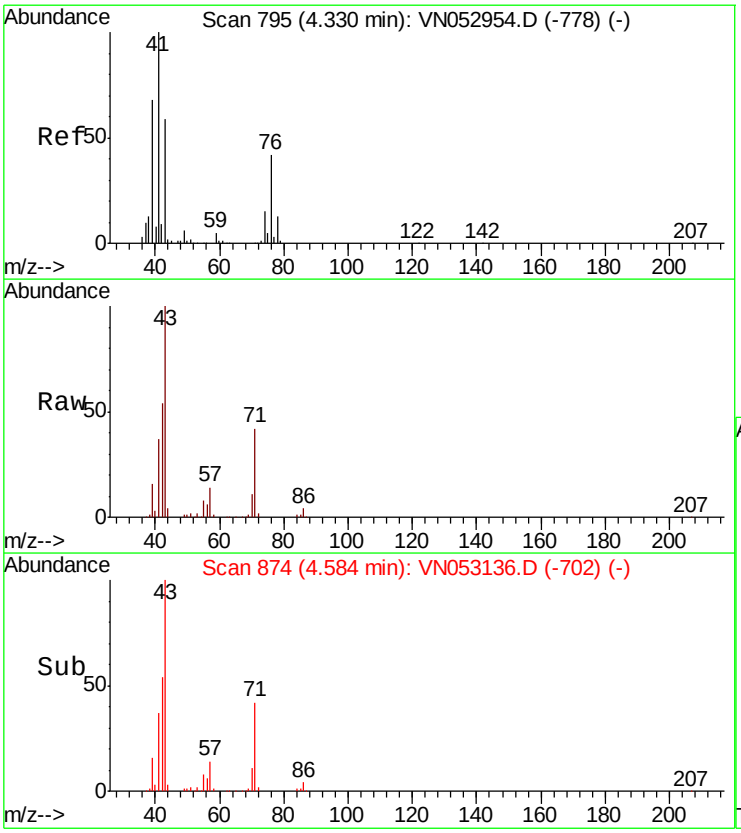
#13
Acrolein
Concen: 0.806 ug/l
RT: 3.55 min Scan# 552
Delta R.T. -0.06 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Tgt Ion: 56 Resp: 549

Ion	Ratio	Lower	Upper
56	100		
55	3127.0	56.6	85.0#

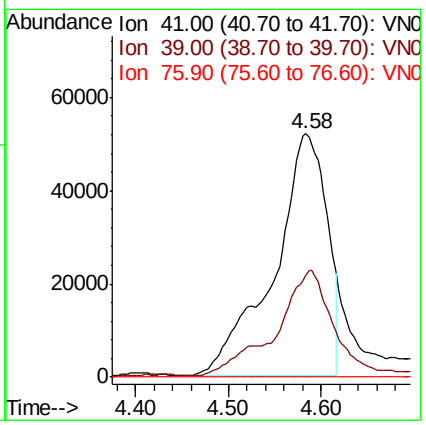


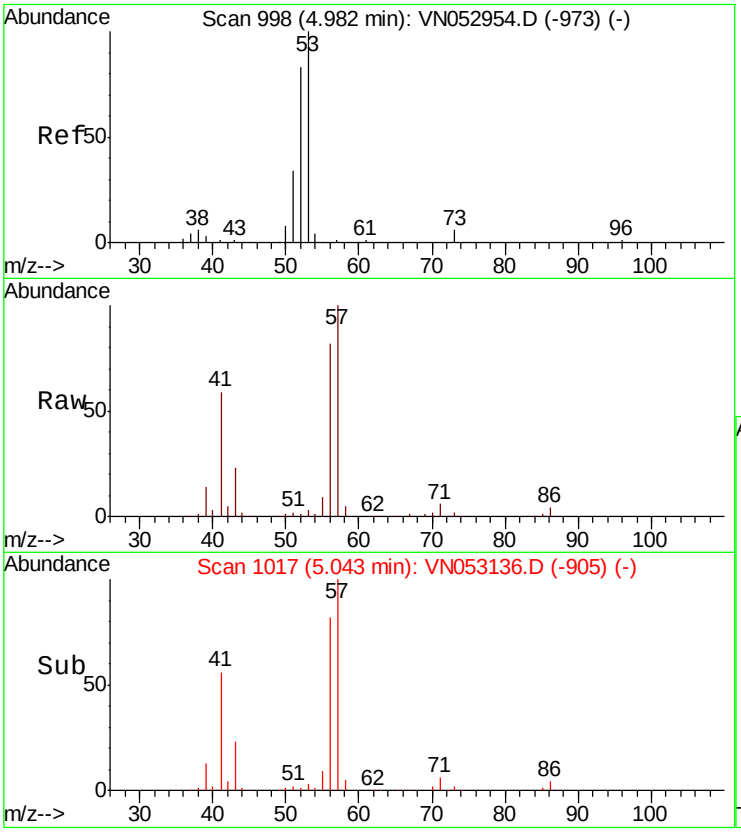


#14
Allyl chloride
Concen: 11.538 ug/l
RT: 4.58 min Scan# 874
Delta R.T. 0.25 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion: 41 Resp: 206756

Ion	Ratio	Lower	Upper
41	100		
39	41.7	54.1	81.1#
76	0.0	30.3	45.5#



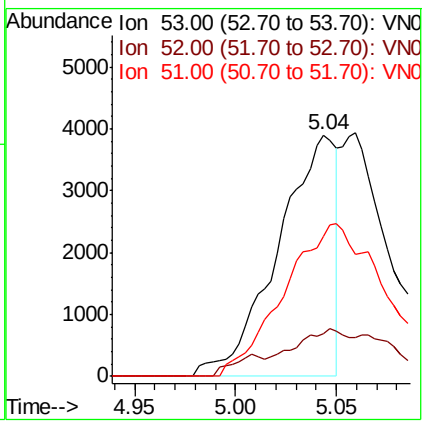


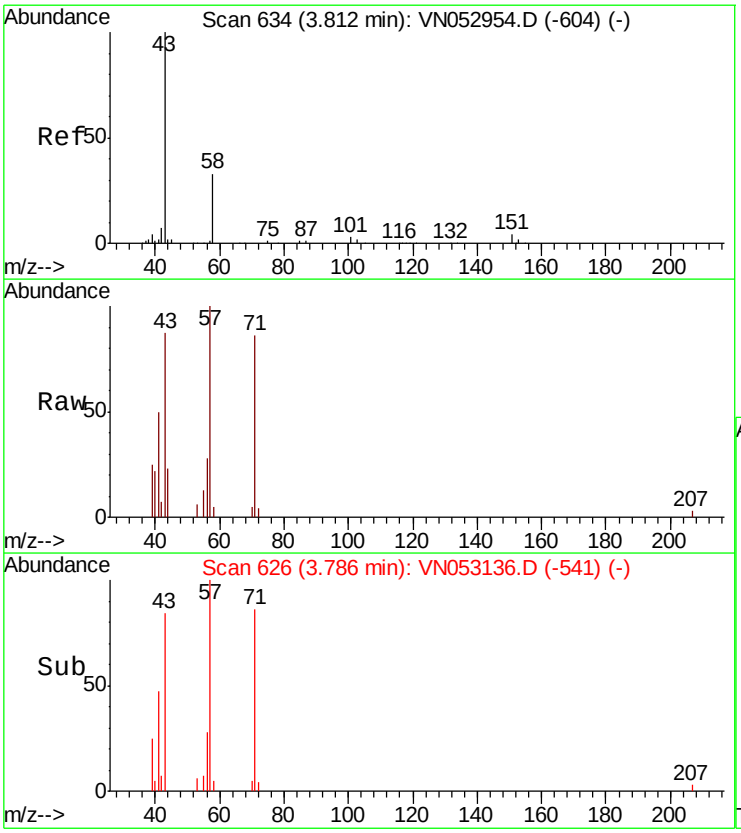
#15
Acrylonitrile
Concen: 1.865 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.06 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Tgt Ion: 53 Resp: 7787

Ion	Ratio	Lower	Upper
53	100		
52	9.6	65.1	97.7#
51	109.7	28.1	42.1#

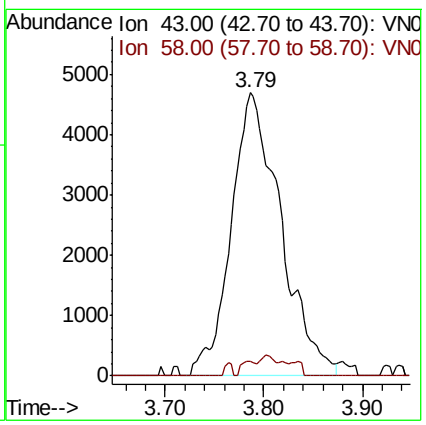


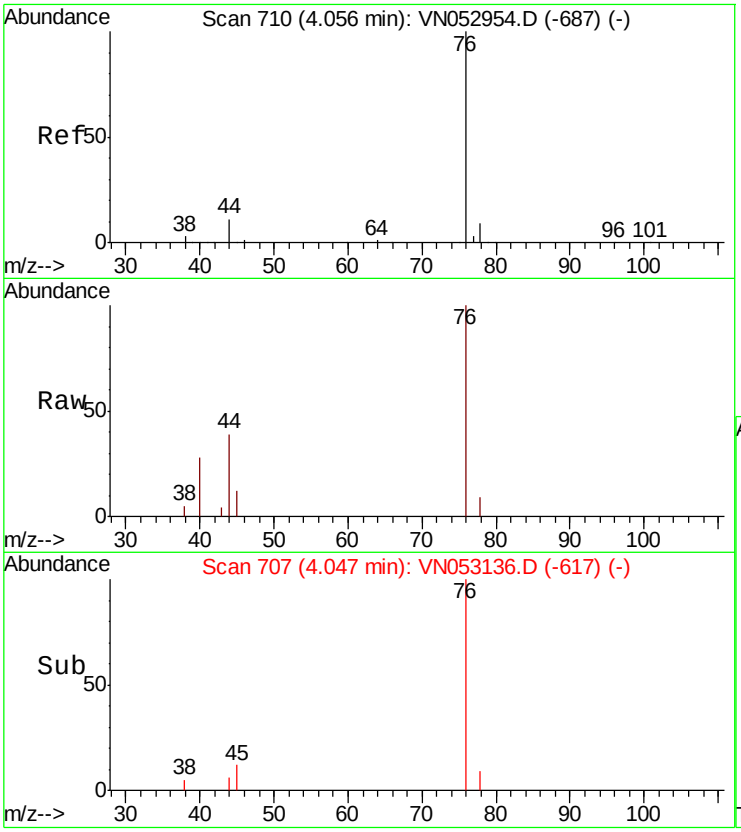


#16
Acetone
Concen: 6.790 ug/l
RT: 3.79 min Scan# 626
Delta R.T. -0.03 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion: 43 Resp: 16399

Ion	Ratio	Lower	Upper
43	100		
58	5.3	25.4	38.0#



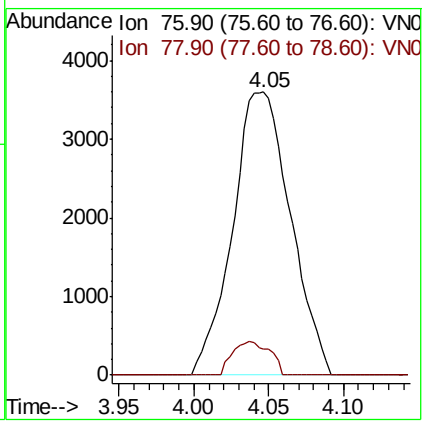


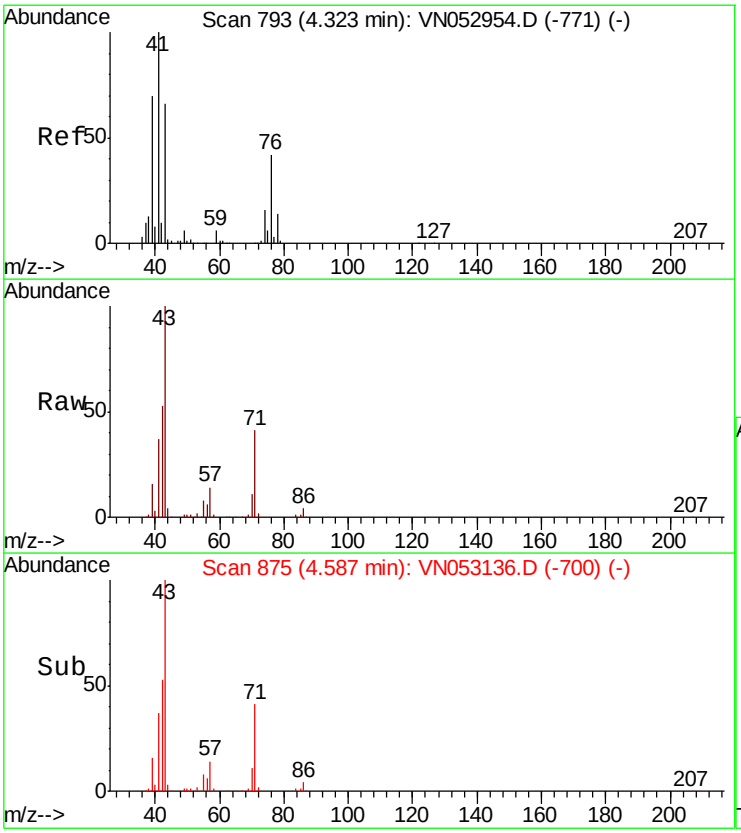
#17
Carbon Disulfide
Concen: 0.257 ug/l
RT: 4.05 min Scan# 707
Delta R.T. -0.01 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Tgt Ion: 76 Resp: 9683

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.1	10.7

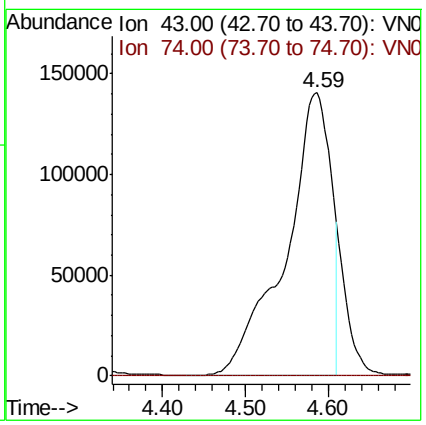


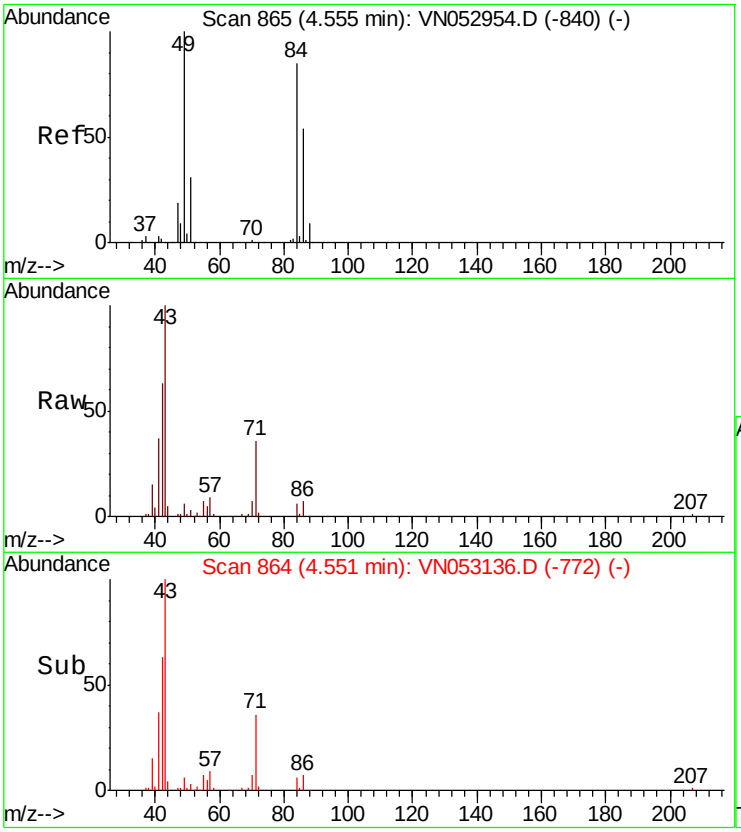


#18
Methyl Acetate
Concen: 48.605 ug/l
RT: 4.59 min Scan# 875
Delta R.T. 0.26 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion: 43 Resp: 532461

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.2	28.8#



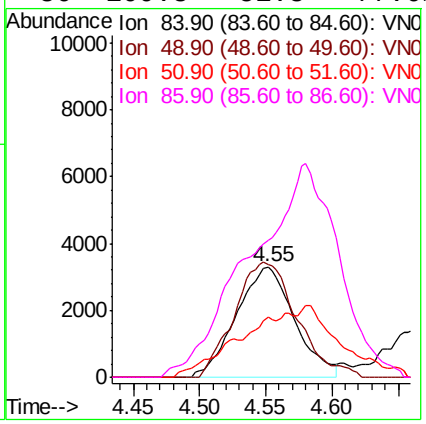


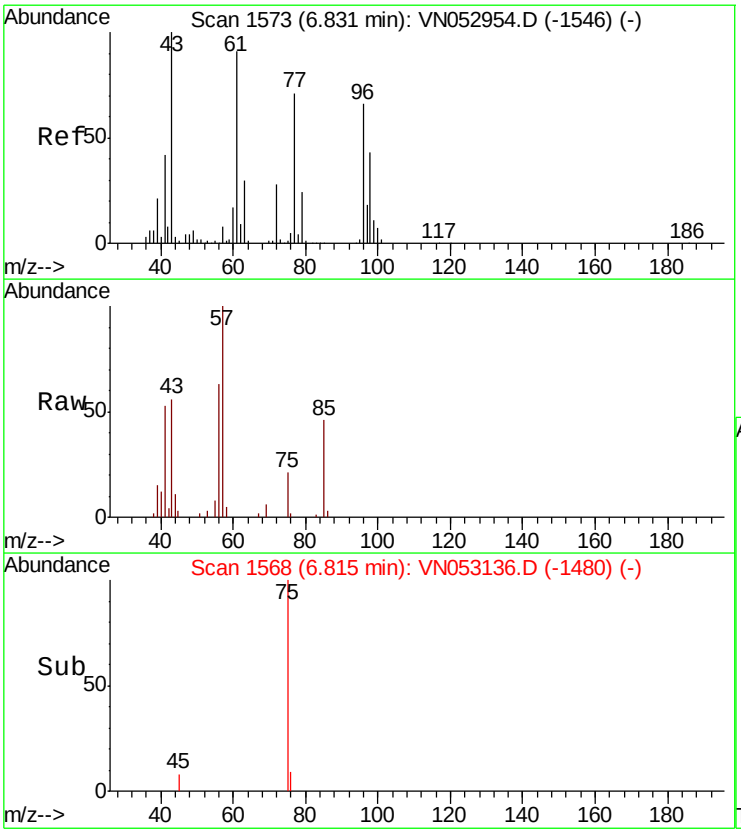
#20
Methylene Chloride
Concen: 0.767 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Instrument : MSVOA_N
ClientSampleId : KY001SB106-121218-(22-24)ME

Tgt Ion: 84 Resp: 10099

Ion	Ratio	Lower	Upper
84	100		
49	102.8	96.8	145.2
51	47.8	29.9	44.9#
86	109.8	51.8	77.6#

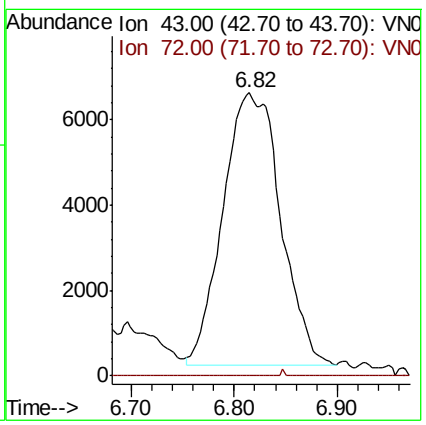


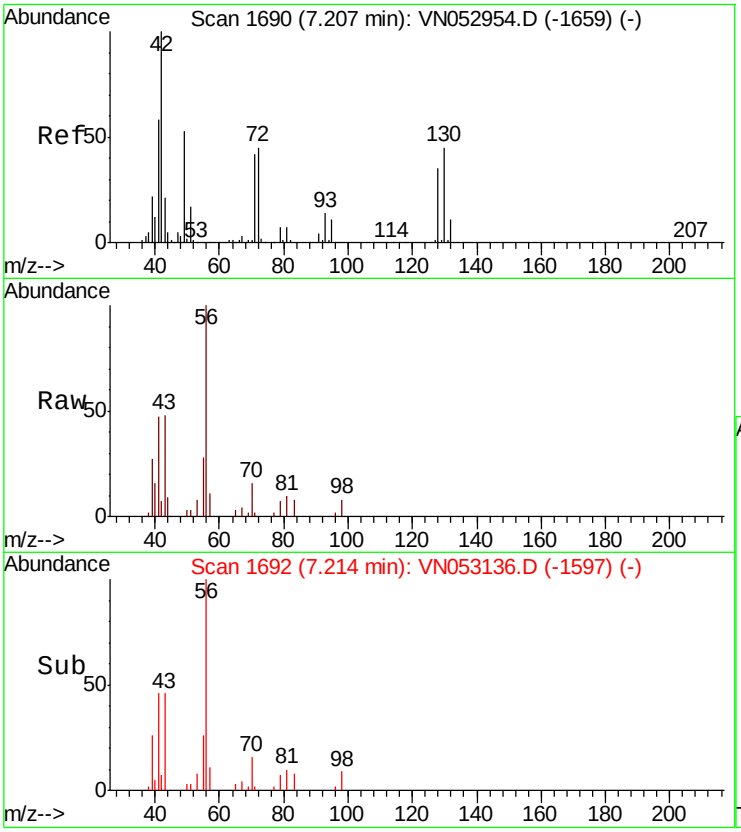


#25
2-Butanone
Concen: 6.087 ug/l
RT: 6.82 min Scan# 1568
Delta R.T. -0.02 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion: 43 Resp: 24671

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.6#



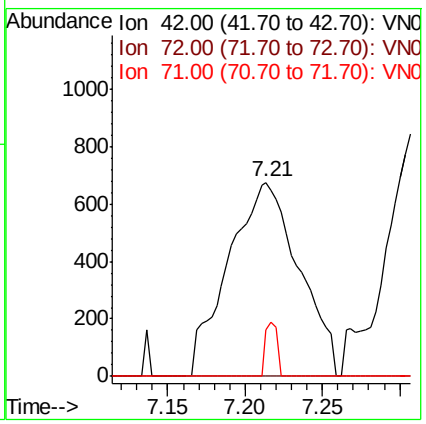


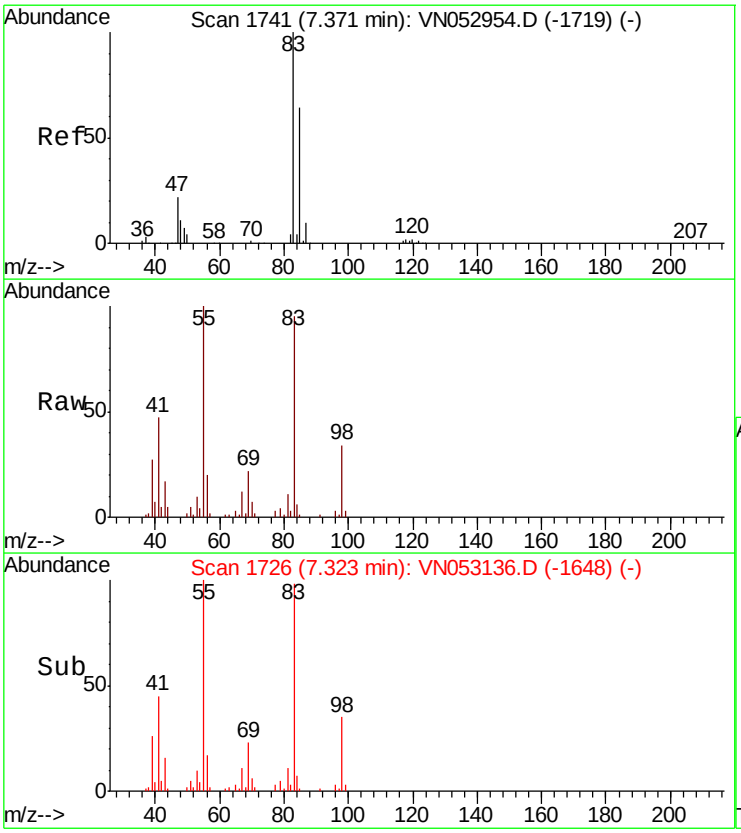
#29
Tetrahydrofuran
Concen: 0.708 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Tgt Ion: 42 Resp: 2144

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.7	52.1#
71	0.0	32.3	48.5#

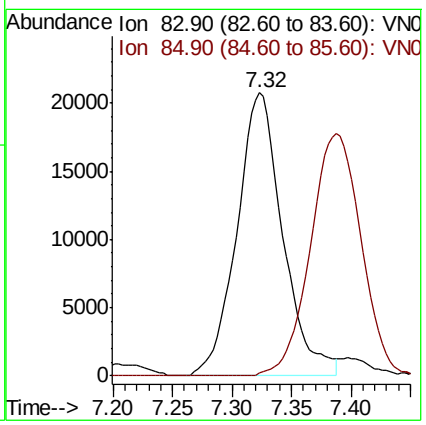


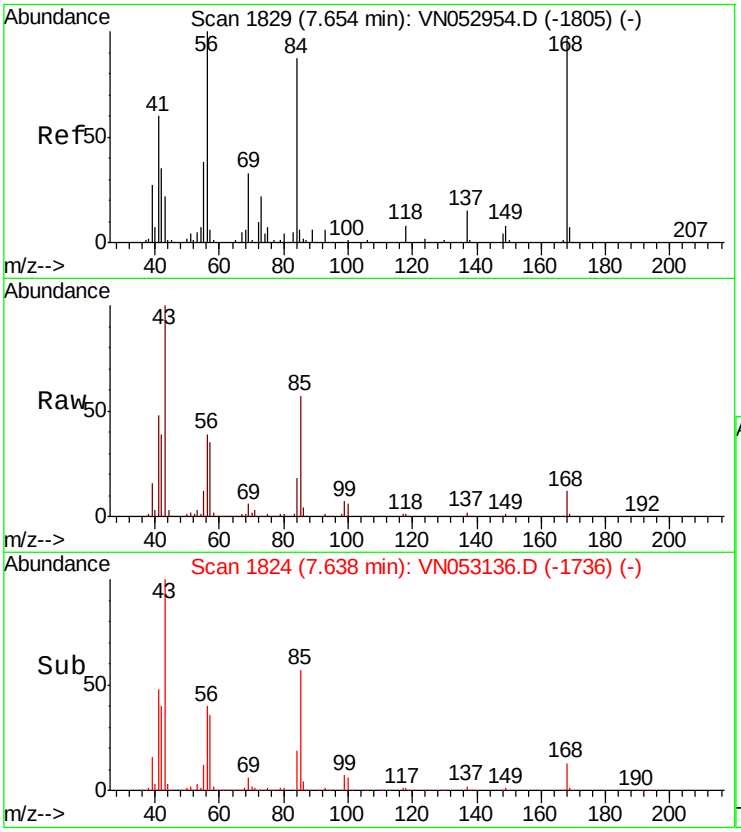


#30
Chloroform
Concen: 2.485 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.05 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion: 83 Resp: 55479

Ion	Ratio	Lower	Upper
83	100		
85	0.9	52.1	78.1#



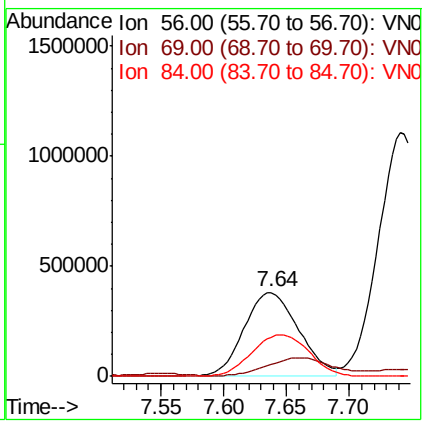


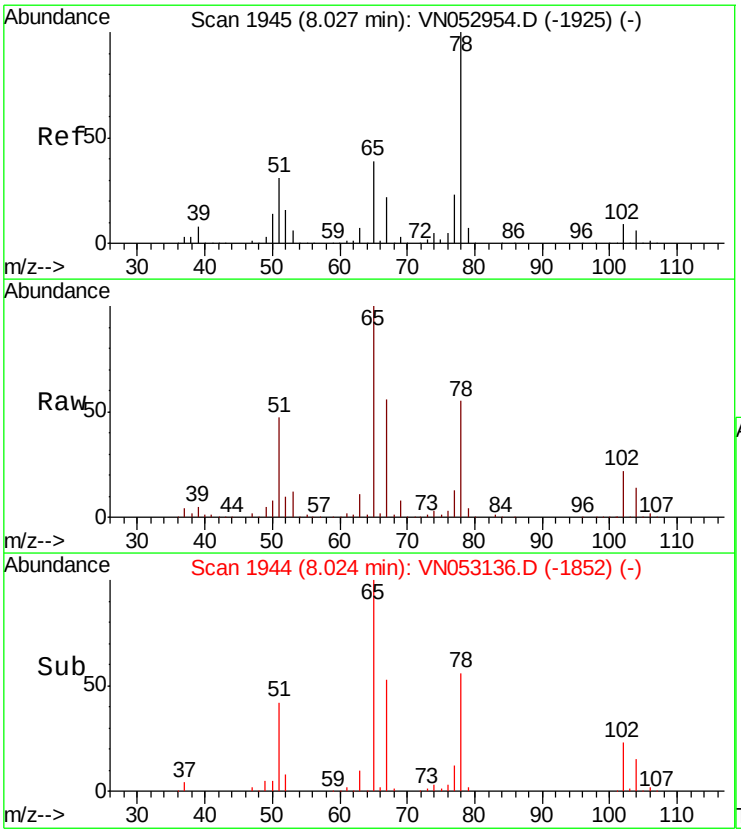
#31
Cyclohexane
Concen: 53.674 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. -0.02 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Instrument : MSVOA_N
ClientSampleId : KY001SB106-121218-(22-24)ME

Tgt Ion: 56 Resp: 1142516

Ion	Ratio	Lower	Upper
56	100		
69	12.6	26.6	39.8#
84	47.0	68.4	102.6#

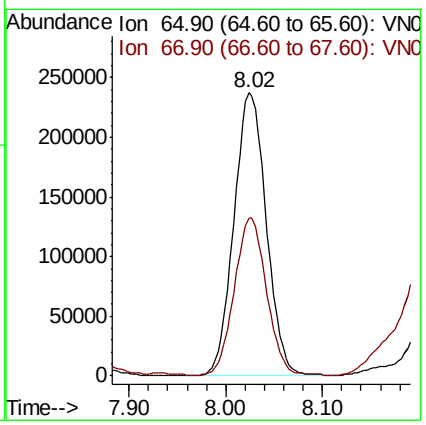


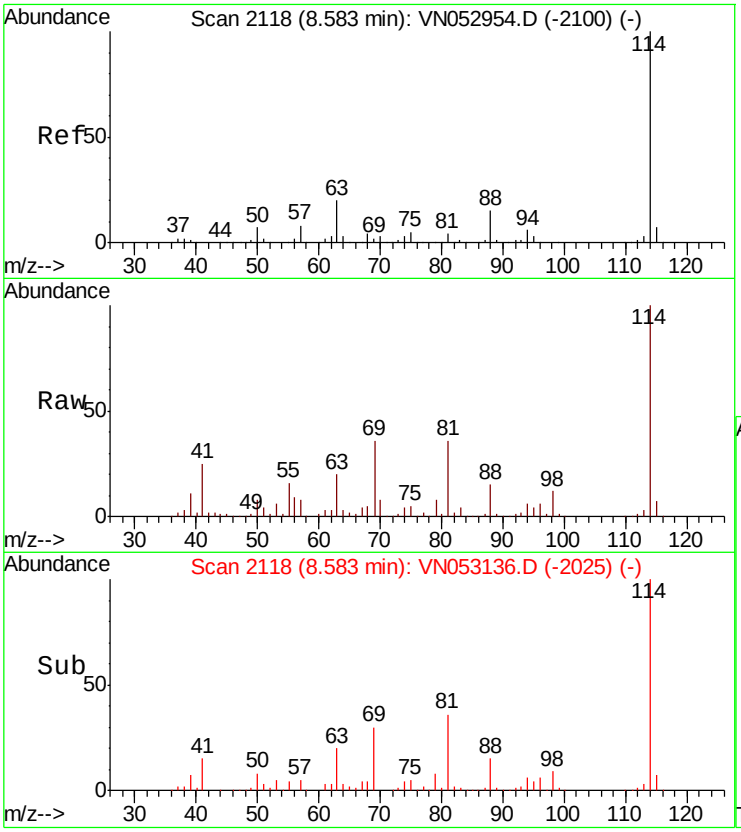


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion: 65 Resp: 552255

Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	110.4



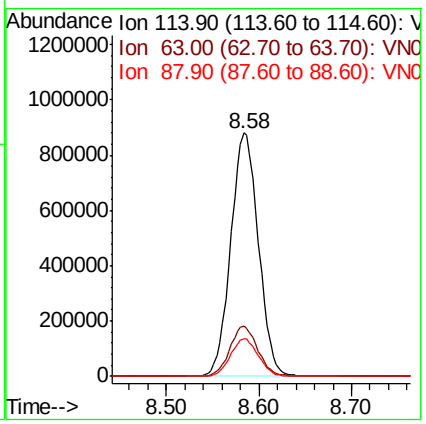


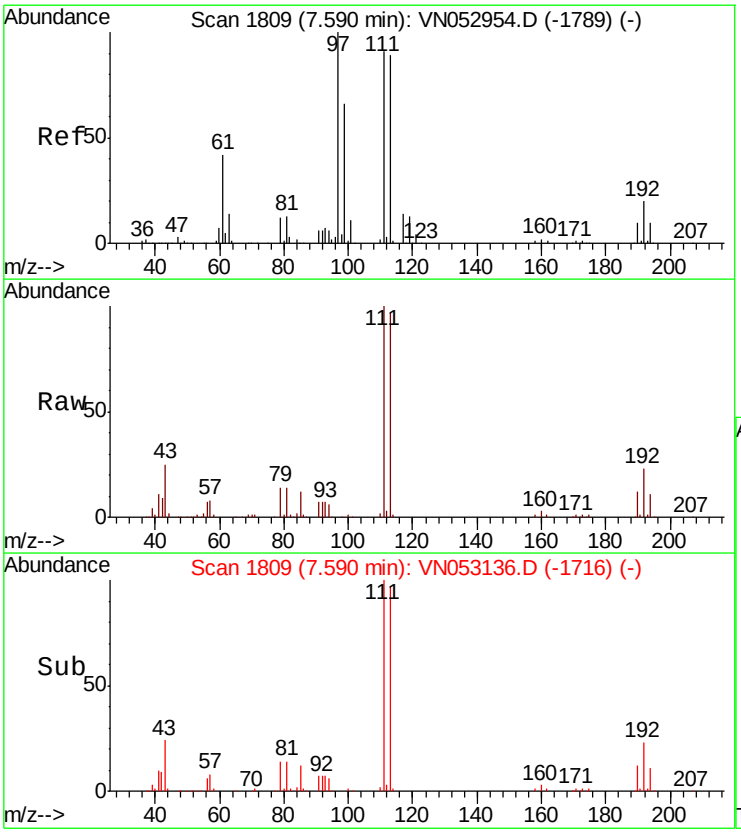
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Tgt Ion:114 Resp: 1820051

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.8
88	15.5	0.0	31.0

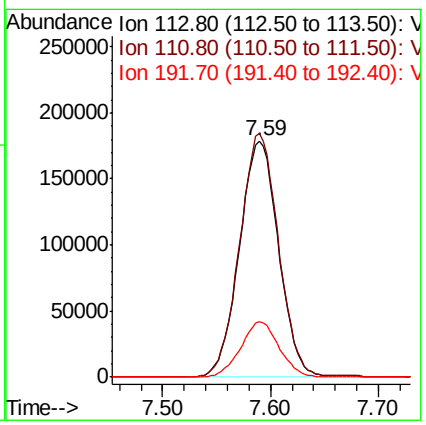


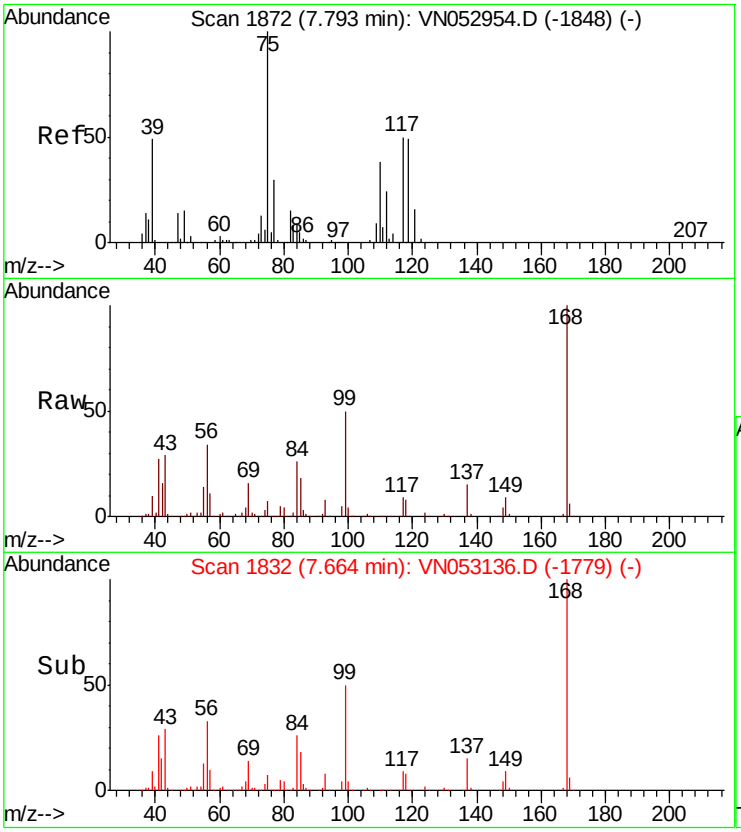


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion:113 Resp: 451513

Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.0	124.4
192	22.9	17.5	26.3



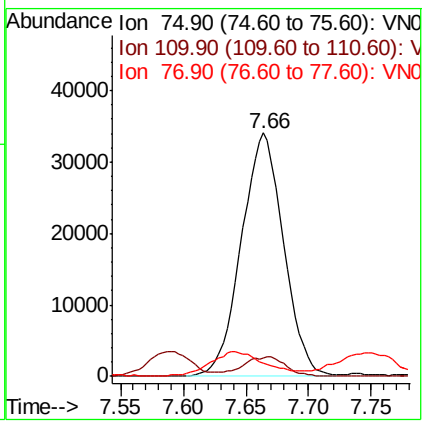


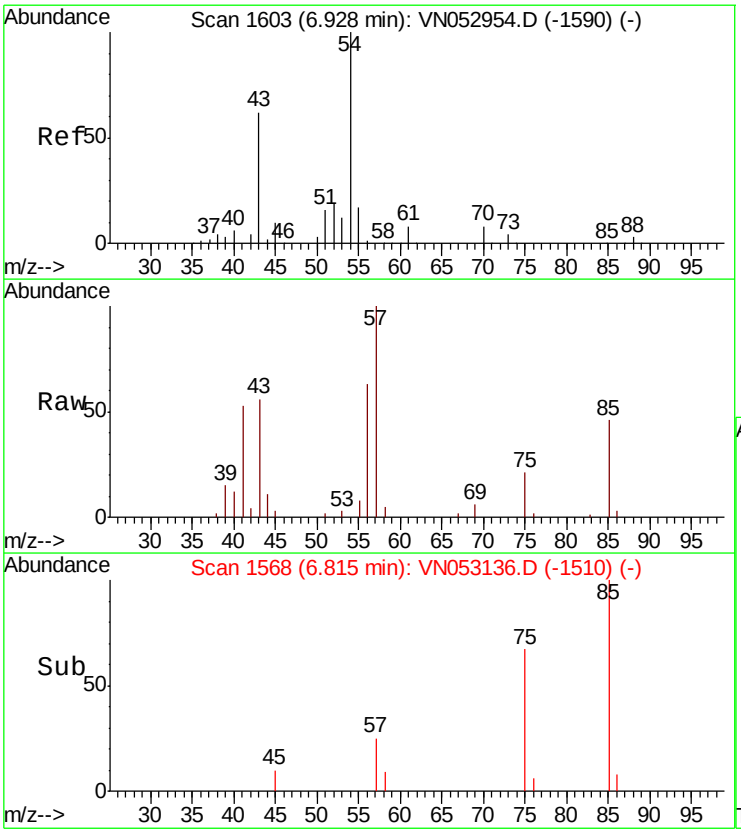
#36
1,1-Dichloropropene
Concen: 4.559 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Tgt Ion: 75 Resp: 79650

Ion	Ratio	Lower	Upper
75	100		
110	8.1	18.2	54.6#
77	0.0	24.9	37.3#

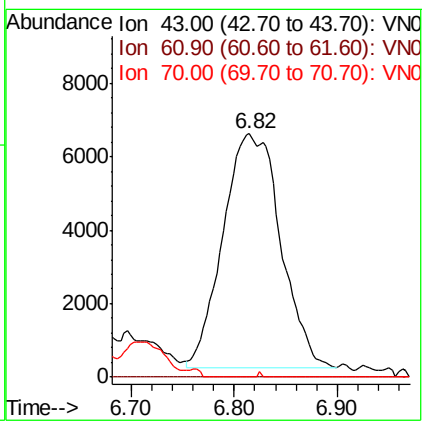


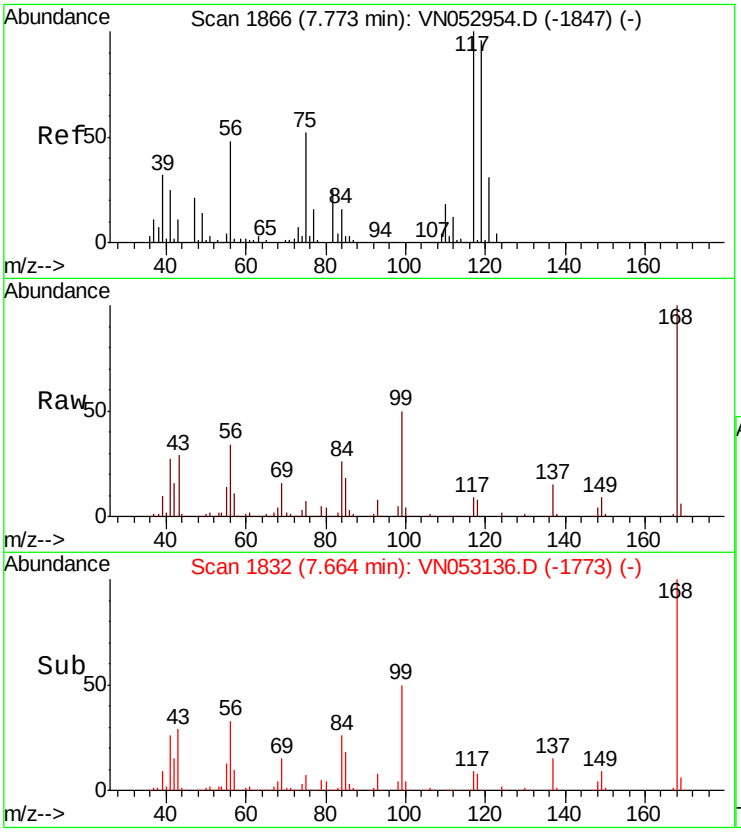


#37
Ethyl Acetate
Concen: 2.530 ug/l
RT: 6.82 min Scan# 1568
Delta R.T. -0.11 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion: 43 Resp: 24671

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.6#
70	0.0	8.4	12.6#



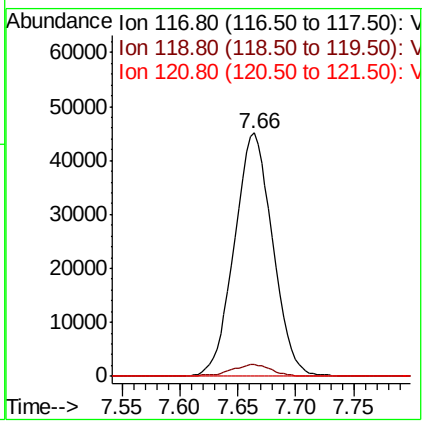


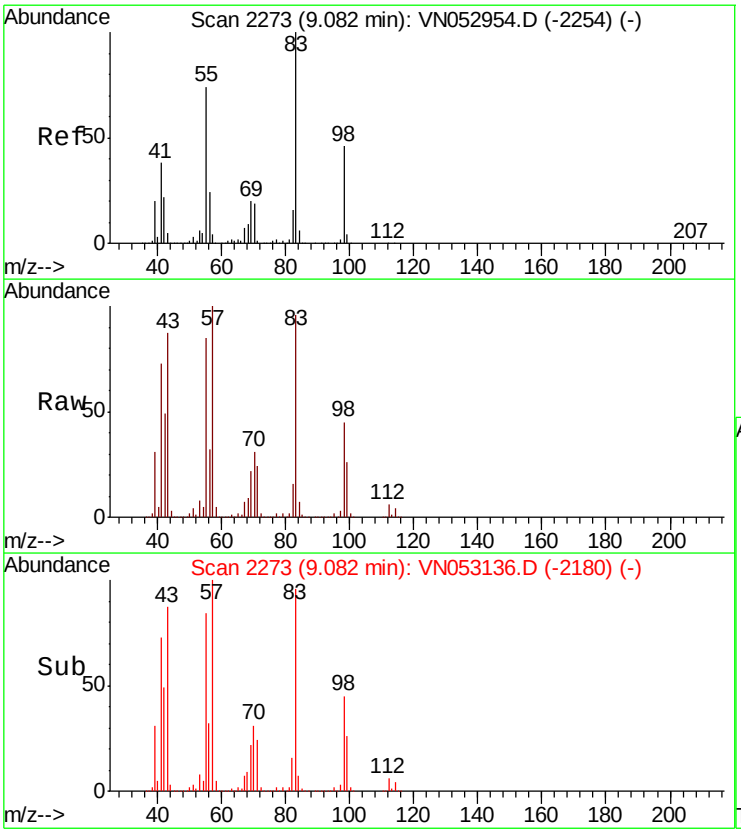
#38
Carbon Tetrachloride
Concen: 6.473 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Tgt Ion:117 Resp: 103647

Ion	Ratio	Lower	Upper
117	100		
119	4.7	77.1	115.7#
121	0.0	24.9	37.3#

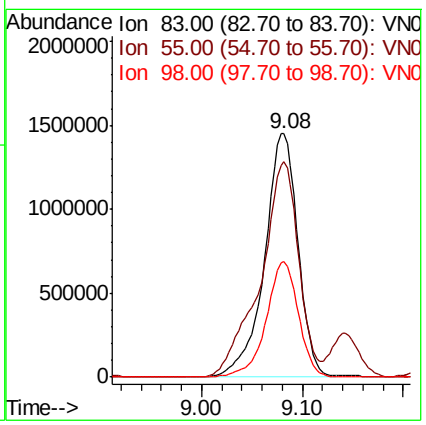


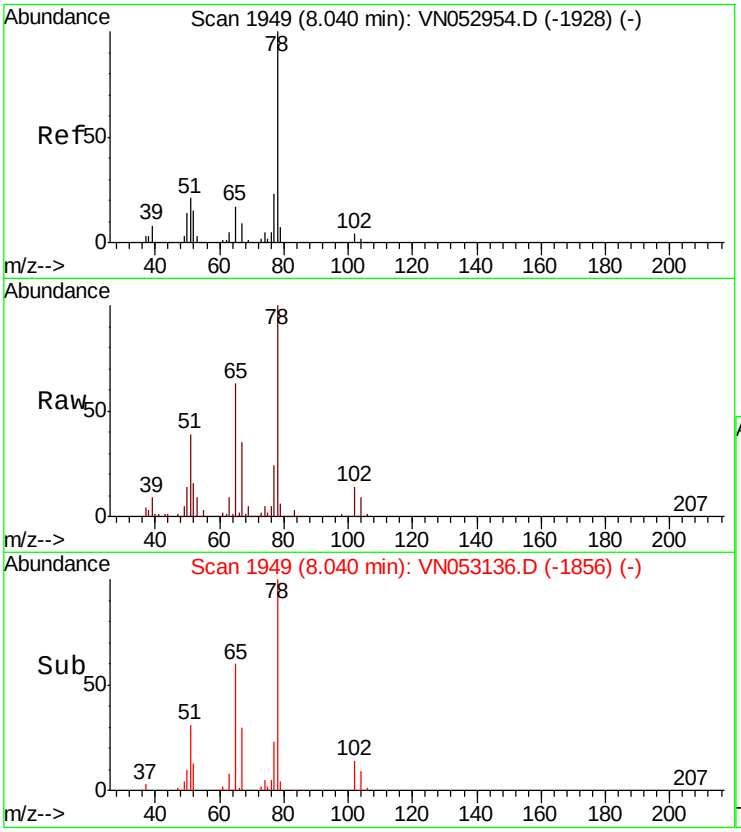


#39
Methylcyclohexane
Concen: 157.971 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion: 83 Resp: 3352423

Ion	Ratio	Lower	Upper
83	100		
55	88.4	61.3	91.9
98	47.4	37.0	55.4



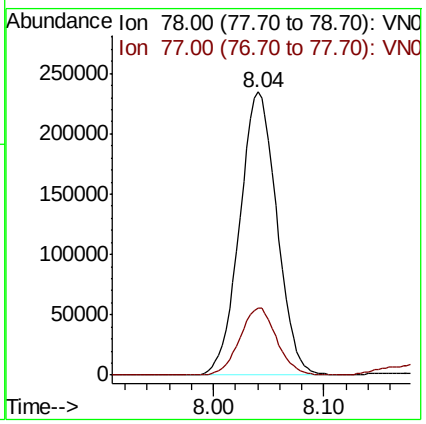


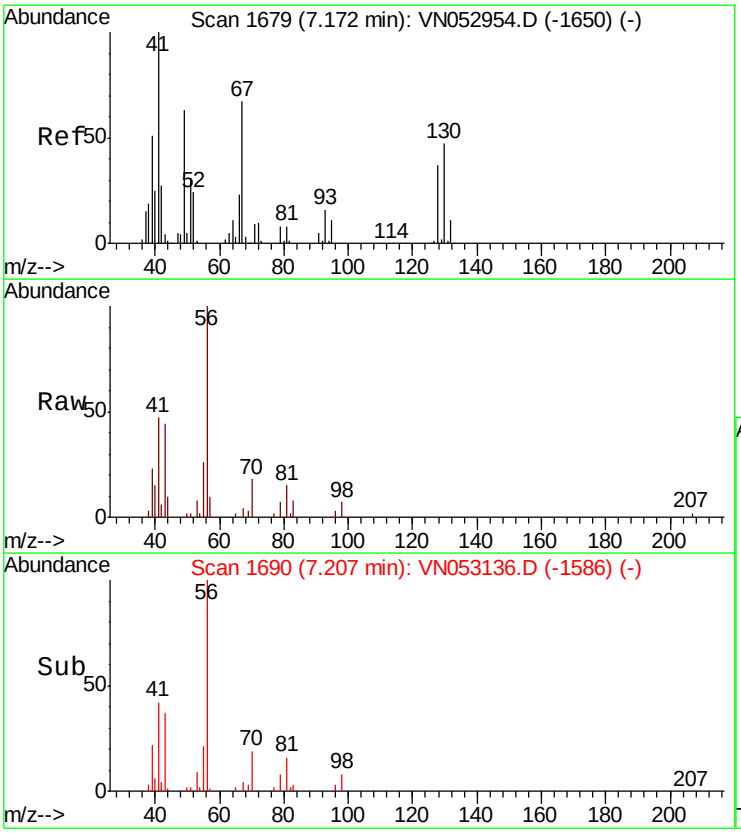
#40
Benzene
Concen: 10.528 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Tgt Ion: 78 Resp: 547078

Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.5	27.7

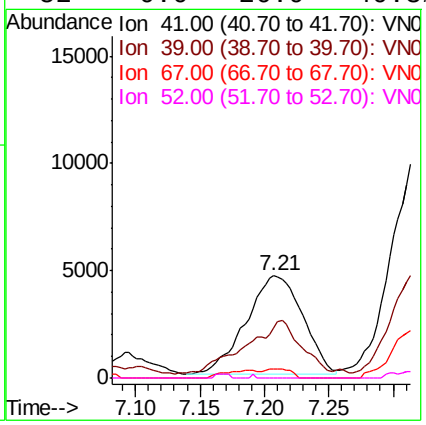


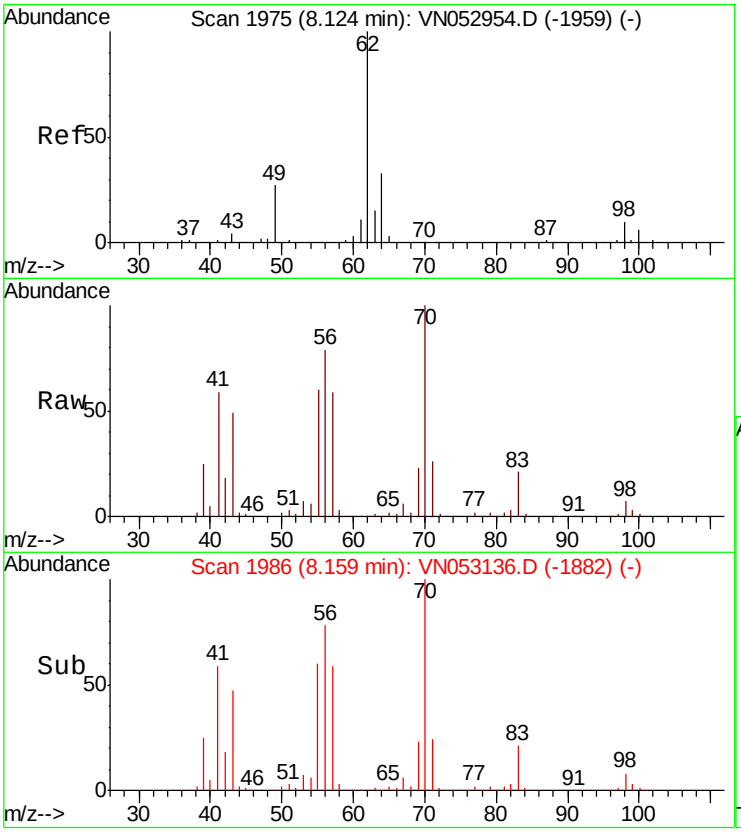


#41
Methacrylonitrile
Concen: 2.493 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. 0.04 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion: 41 Resp: 14050

Ion	Ratio	Lower	Upper
41	100		
39	48.2	48.0	72.0
67	0.0	70.3	105.5#
52	0.0	26.9	40.3#



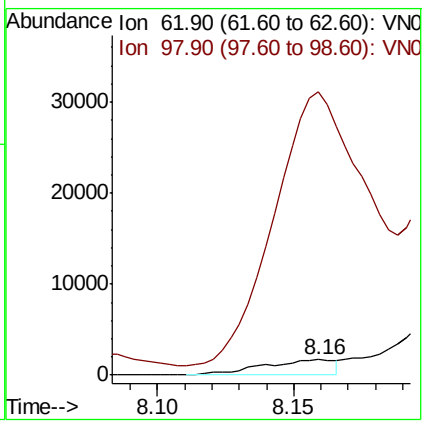


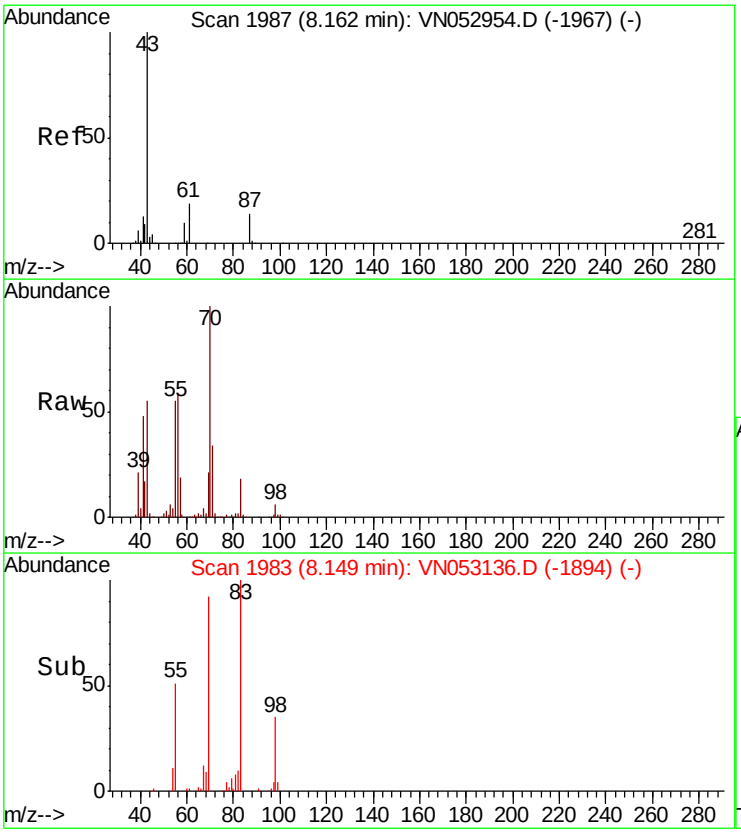
#42
1,2-Dichloroethane
Concen: 0.208 ug/l
RT: 8.16 min Scan# 1986
Delta R.T. 0.04 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Instrument : MSVOA_N
ClientSampleId : KY001SB106-121218-(22-24)ME

Tgt Ion: 62 Resp: 3190

Ion	Ratio	Lower	Upper
62	100		
98	2266.7	0.0	19.0#

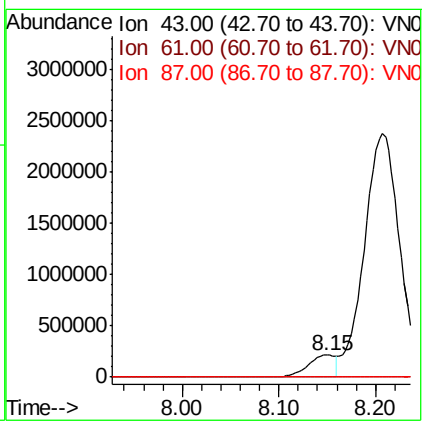


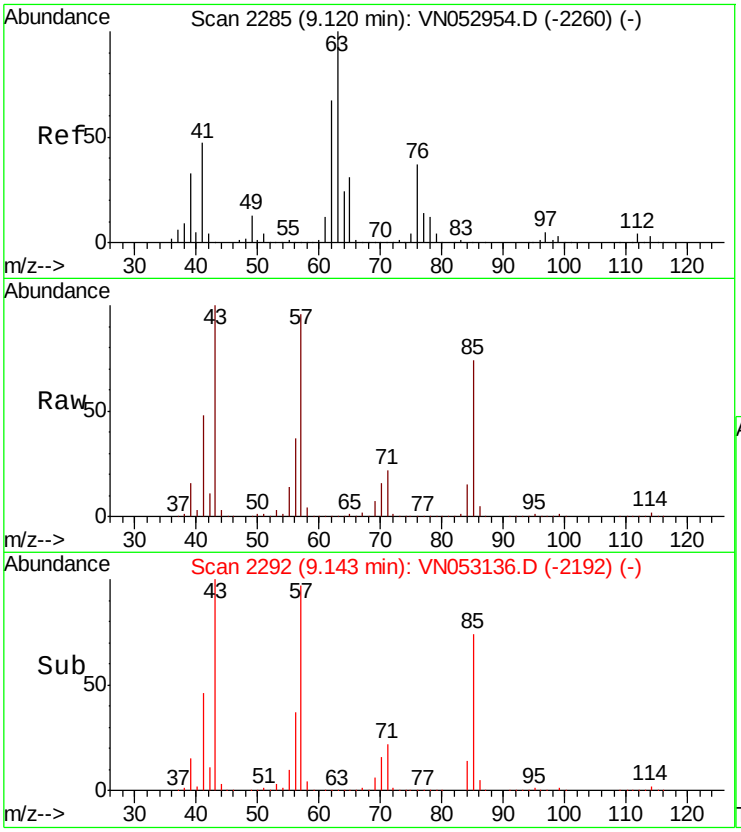


#43
Isopropyl Acetate
Concen: 22.498 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. -0.01 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion: 43 Resp: 435435

Ion	Ratio	Lower	Upper
43	100		
61	0.2	22.9	34.3#
87	0.0	10.6	15.8#



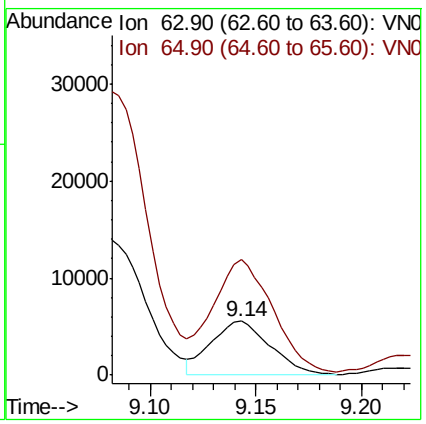


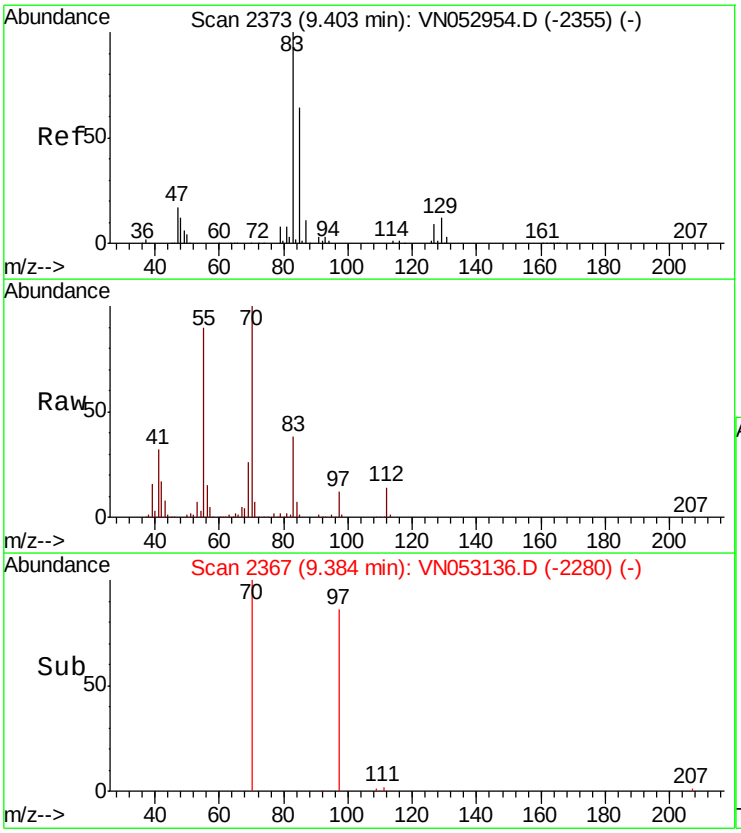
#45
1,2-Dichloropropane
Concen: 0.805 ug/l
RT: 9.14 min Scan# 2292
Delta R.T. 0.02 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Tgt Ion: 63 Resp: 10895

Ion	Ratio	Lower	Upper
63	100		
65	205.8	24.6	37.0#

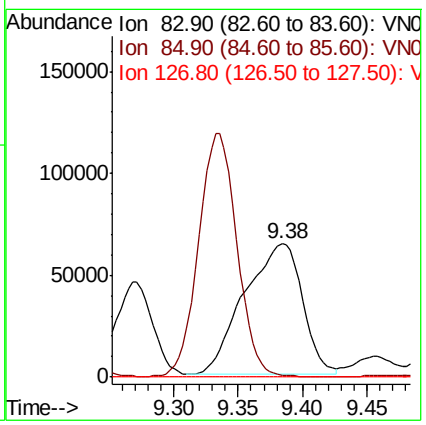


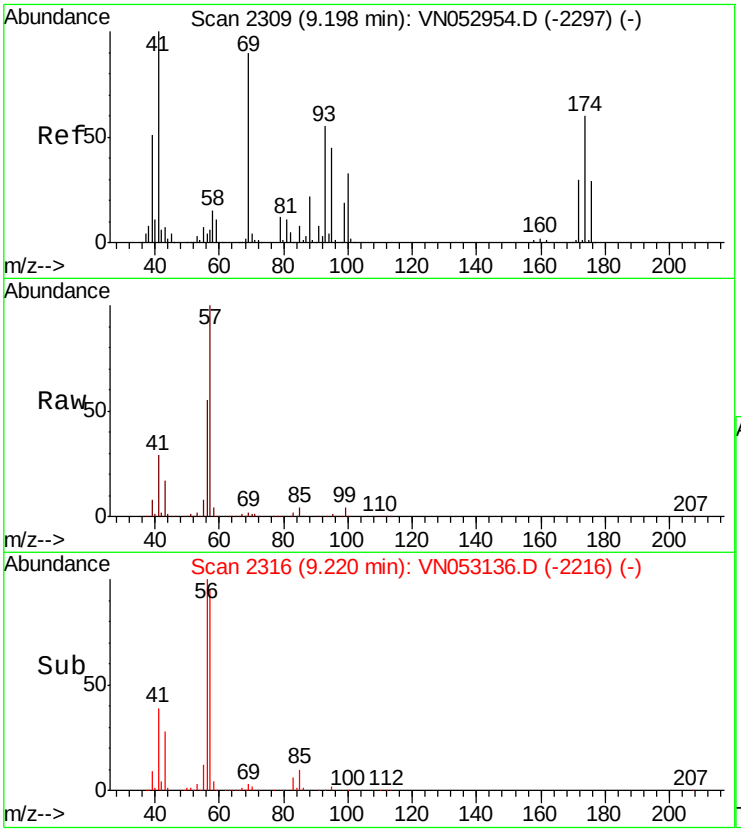


#47
Bromodichloromethane
Concen: 11.981 ug/l
RT: 9.38 min Scan# 2367
Delta R.T. -0.02 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion: 83 Resp: 200807

Ion	Ratio	Lower	Upper
83	100		
85	1.3	51.6	77.4#
127	0.0	7.1	10.7#



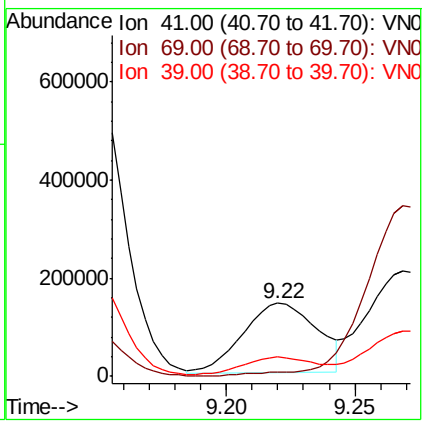


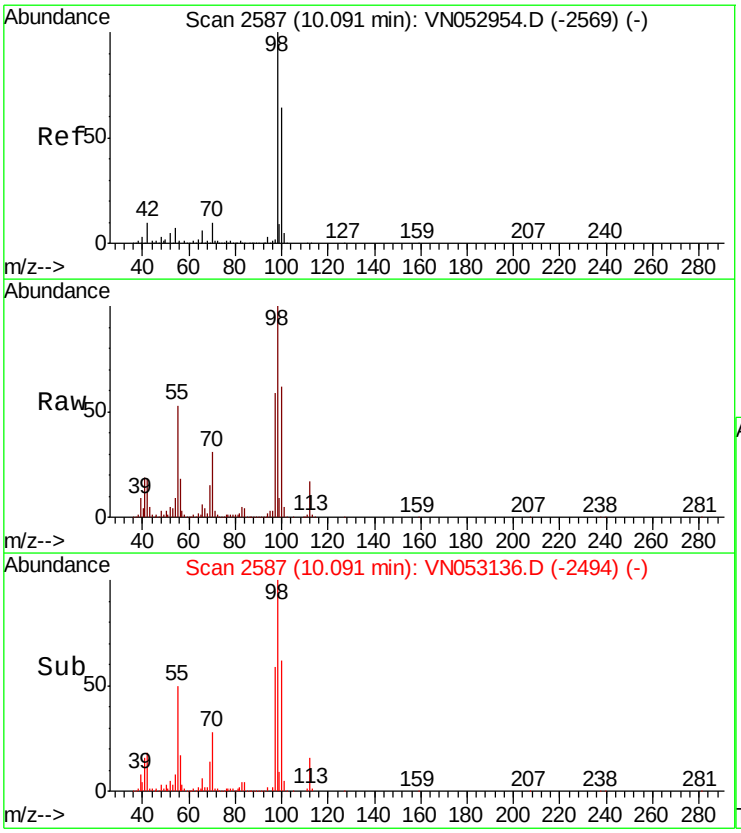
#48
Methyl methacrylate
Concen: 30.302 ug/l
RT: 9.22 min Scan# 2316
Delta R.T. 0.02 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Tgt Ion: 41 Resp: 286760

Ion	Ratio	Lower	Upper
41	100		
69	0.0	72.2	108.2#
39	22.8	41.9	62.9#

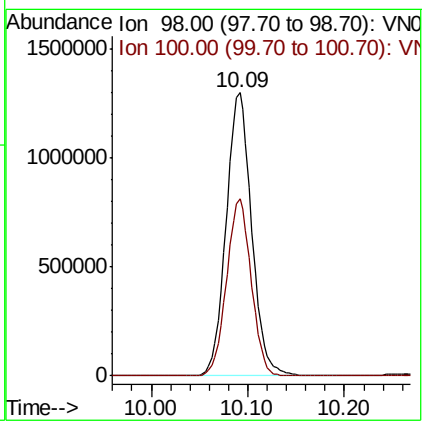


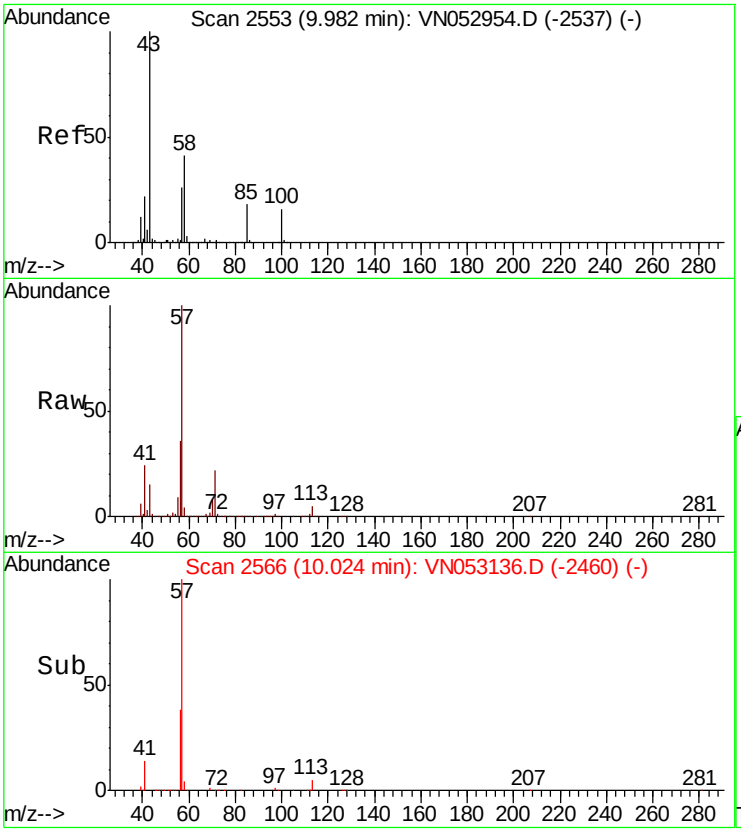


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion: 98 Resp: 2373814

Ion	Ratio	Lower	Upper
98	100		
100	60.5	51.6	77.4



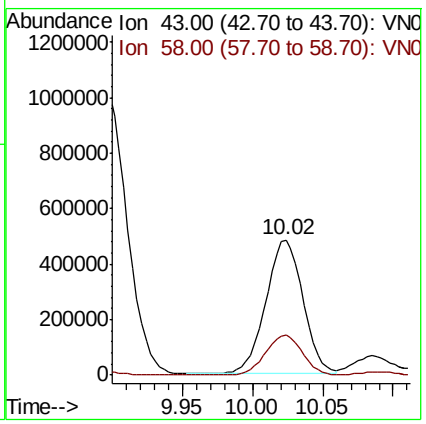


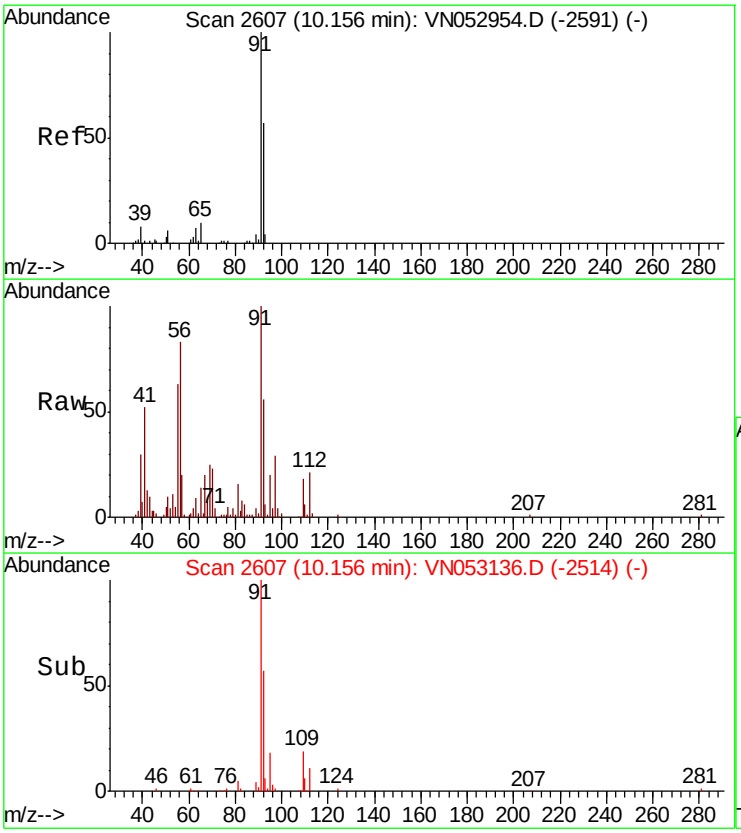
#51
4-Methyl-2-Pentanone
Concen: 93.381 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Instrument : MSVOA_N
ClientSampleId : KY001SB106-121218-(22-24)ME

Tgt Ion: 43 Resp: 881914

Ion	Ratio	Lower	Upper
43	100		
58	29.3	32.2	48.4#

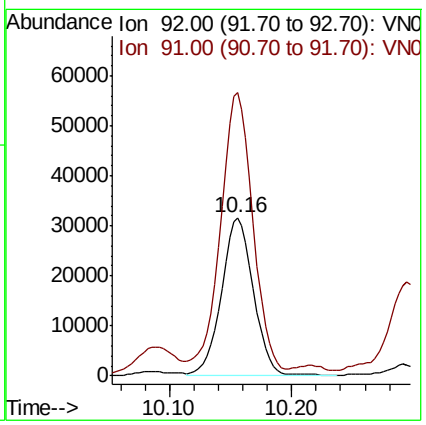


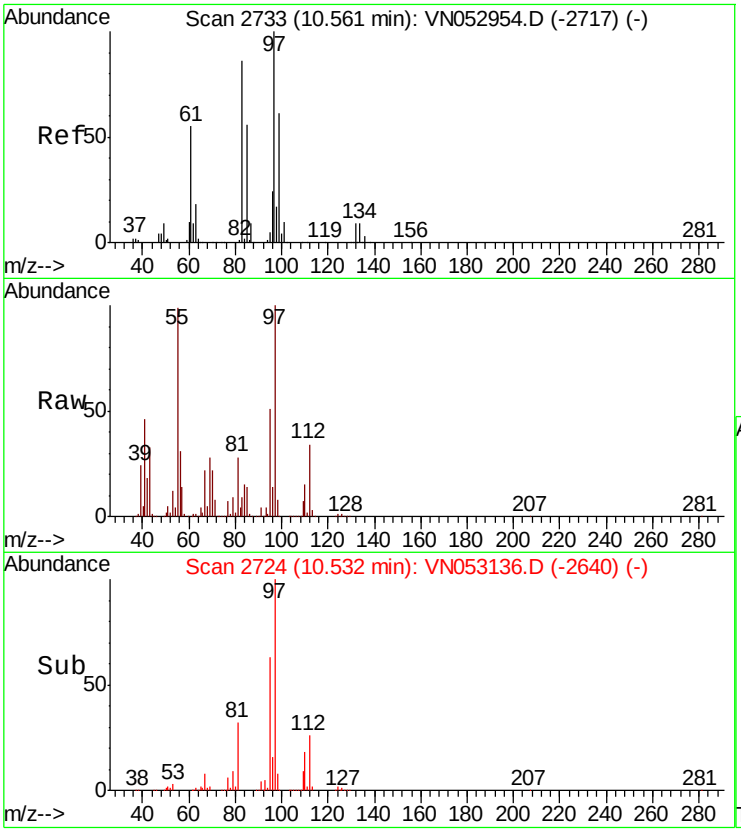


#52
Toluene
Concen: 1.783 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion: 92 Resp: 57417

Ion	Ratio	Lower	Upper
92	100		
91	176.1	139.8	209.6



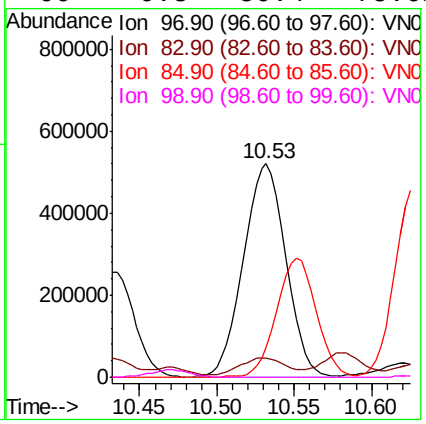


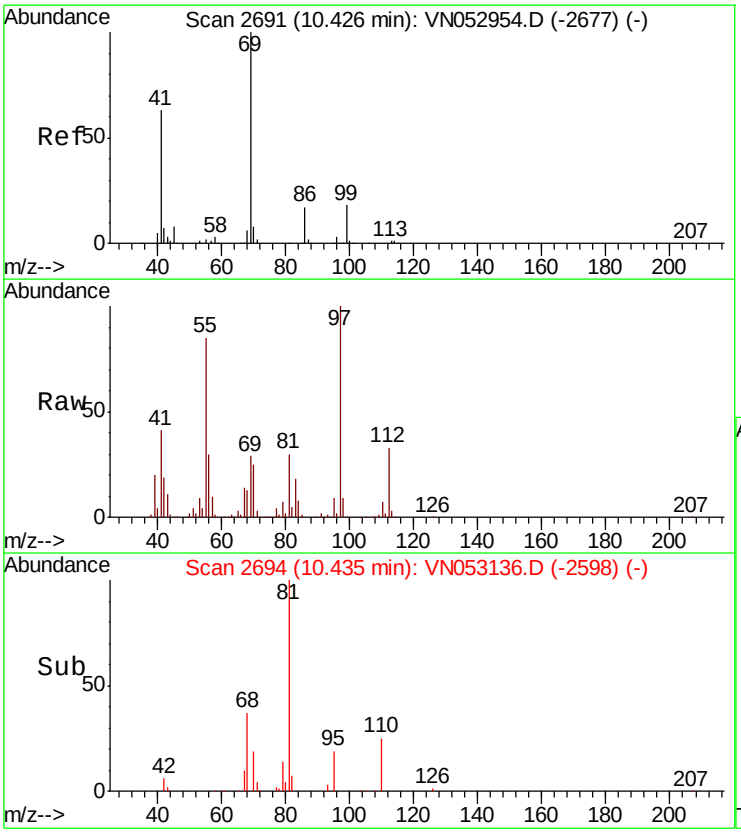
#55
1,1,2-Trichloroethane
Concen: 87.989 ug/l
RT: 10.53 min Scan# 2724
Delta R.T. -0.03 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Tgt Ion: 97 Resp: 988667

Ion	Ratio	Lower	Upper
97	100		
83	6.0	70.9	106.3#
85	13.9	45.4	68.2#
99	0.3	50.4	75.6#

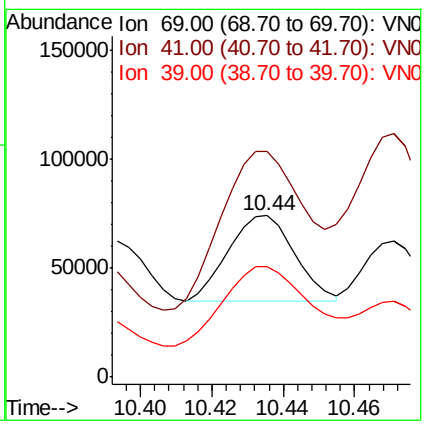


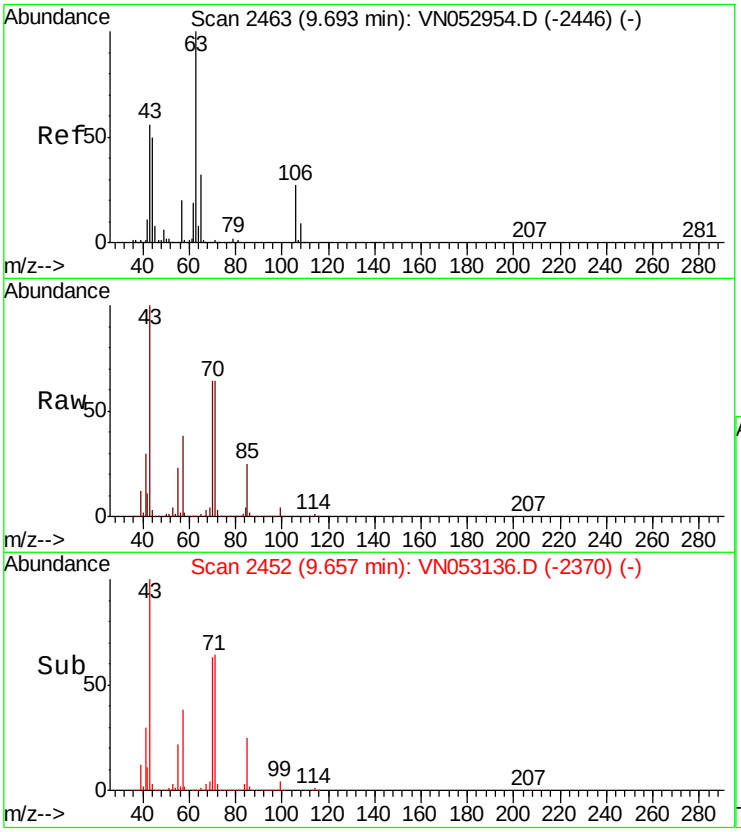


#56
Ethyl methacrylate
Concen: 3.389 ug/l
RT: 10.44 min Scan# 2694
Delta R.T. 0.01 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion: 69 Resp: 50405

Ion	Ratio	Lower	Upper
69	100		
41	236.4	51.7	77.5#
39	143.5	24.6	37.0#



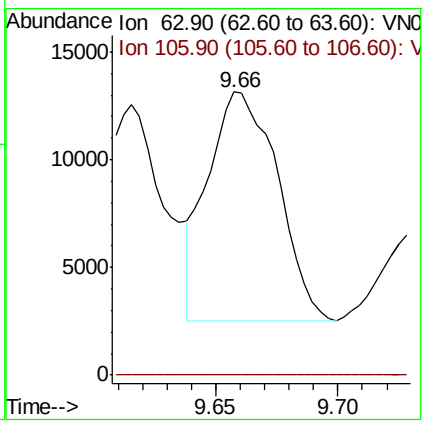


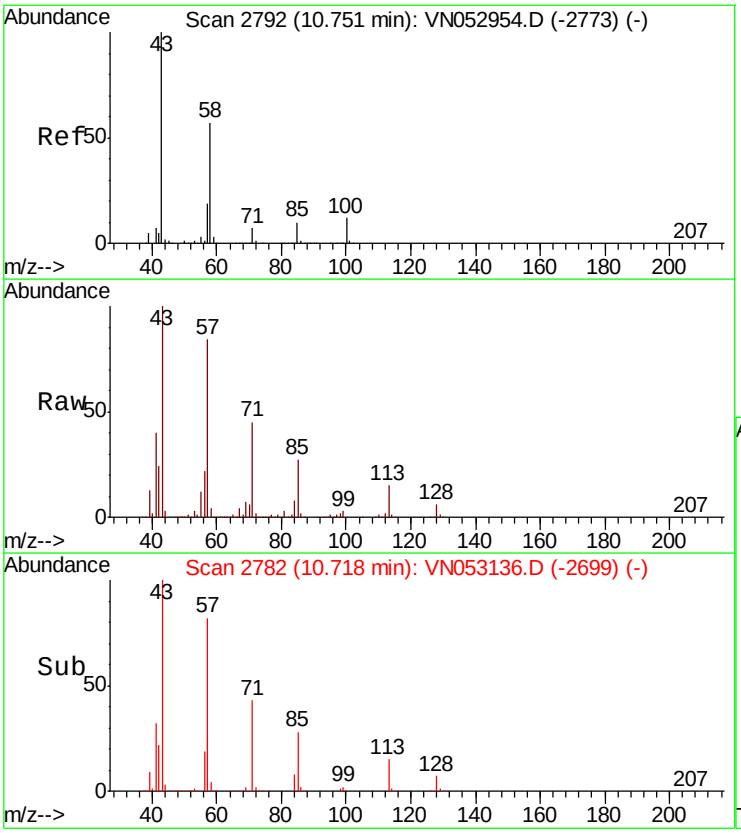
#58
2-Chloroethyl Vinyl ether
Concen: 2.584 ug/l
RT: 9.66 min Scan# 2452
Delta R.T. -0.04 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Tgt Ion: 63 Resp: 21100

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.0	31.6#

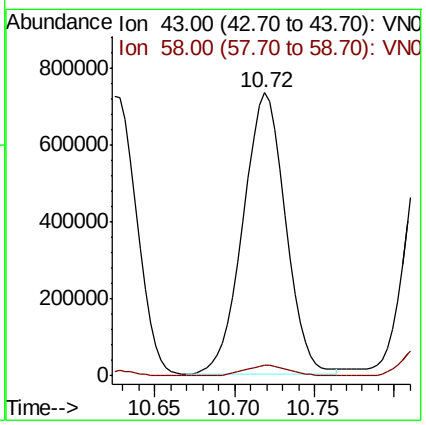


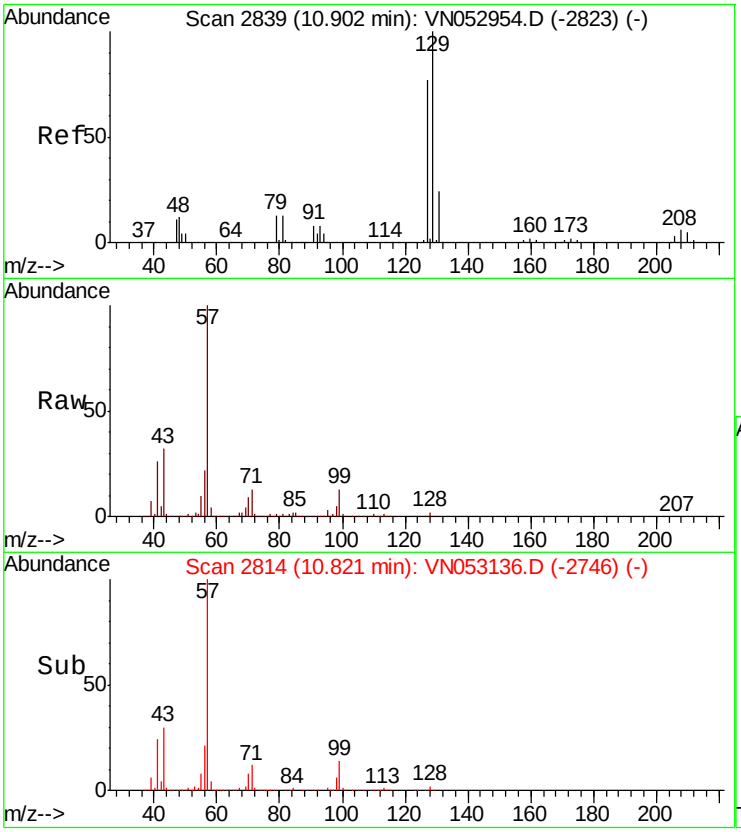


#59
2-Hexanone
Concen: 207.797 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion: 43 Resp: 1327785

Ion	Ratio	Lower	Upper
43	100		
58	4.1	28.1	84.3#



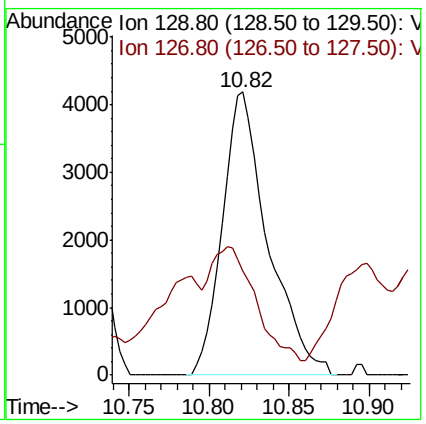


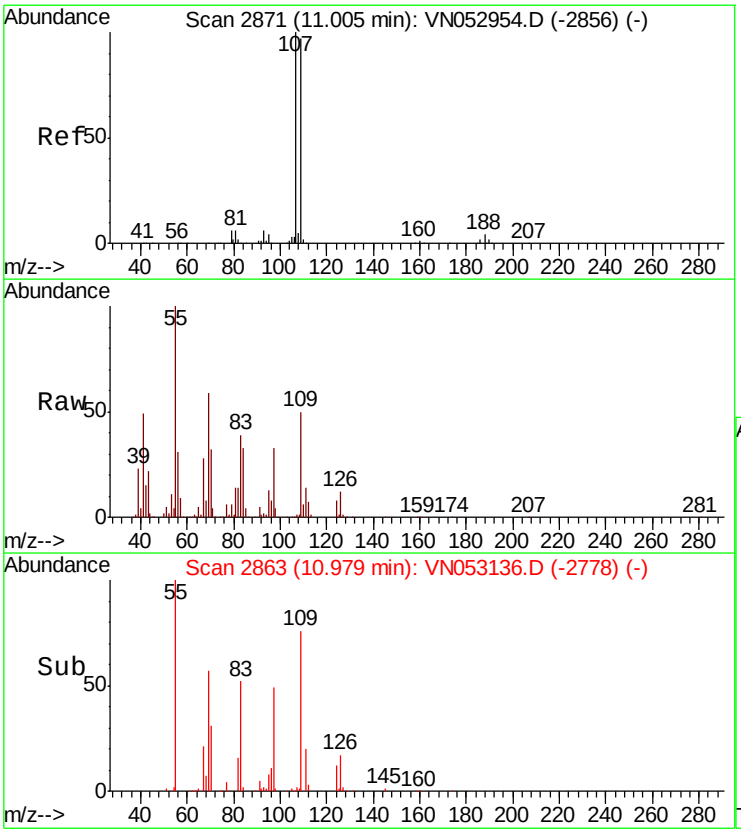
#60
Dibromochloromethane
Concen: 0.635 ug/l
RT: 10.82 min Scan# 2814
Delta R.T. -0.08 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Tgt Ion:129 Resp: 8171

Ion	Ratio	Lower	Upper
129	100		
127	39.8	38.6	116.0

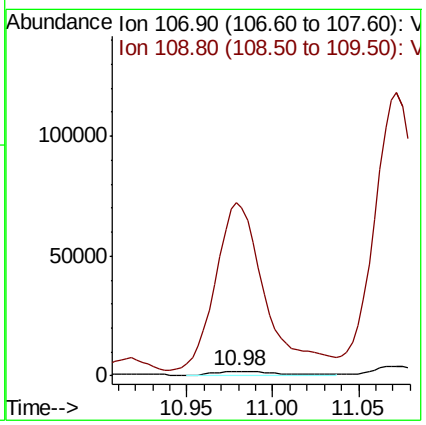


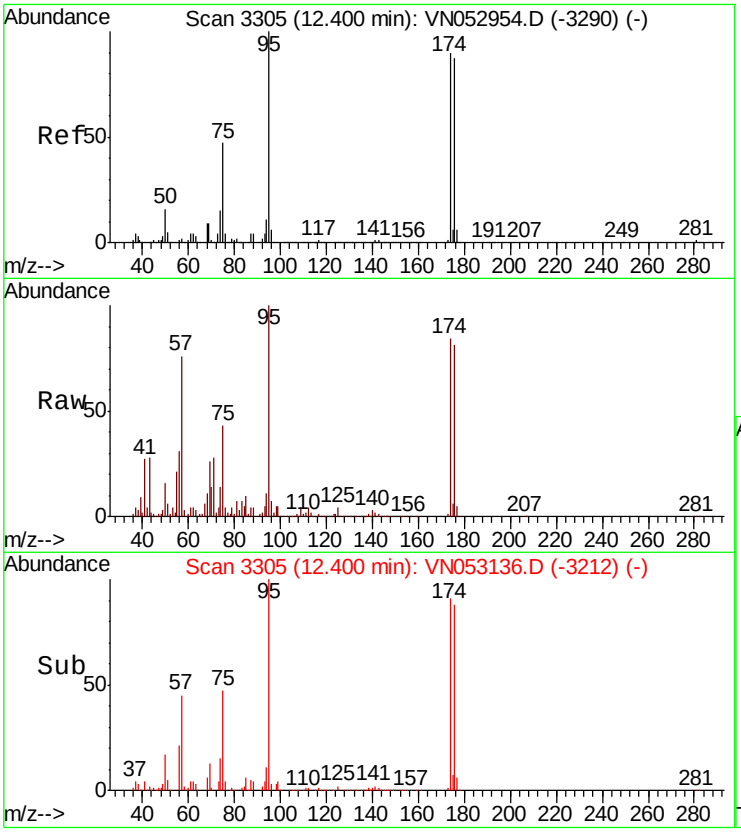


#61
1,2-Dibromoethane
Concen: 0.403 ug/l
RT: 10.98 min Scan# 2863
Delta R.T. -0.03 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion:107 Resp: 4603

Ion	Ratio	Lower	Upper
107	100		
109	3062.5	75.4	113.0#



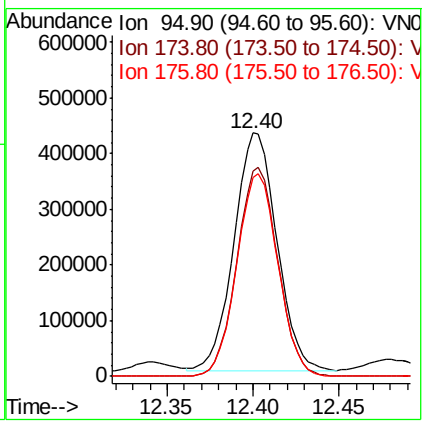


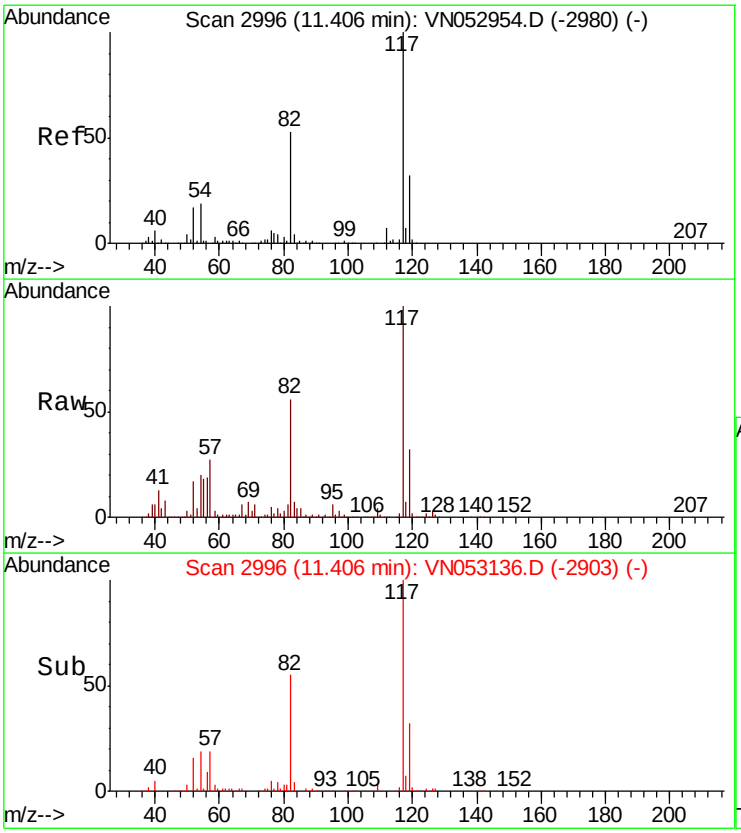
#62
4-Bromofluorobenzene
Concen: 0.403 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Tgt Ion: 95 Resp: 736519

Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	178.8
176	82.3	0.0	173.8

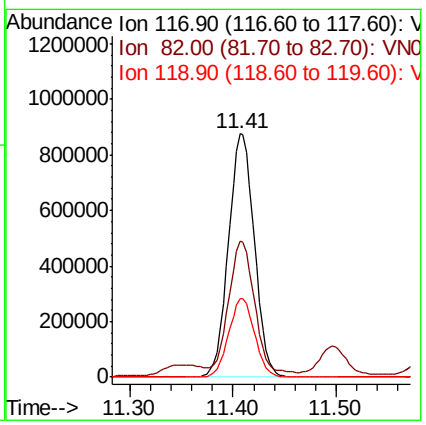


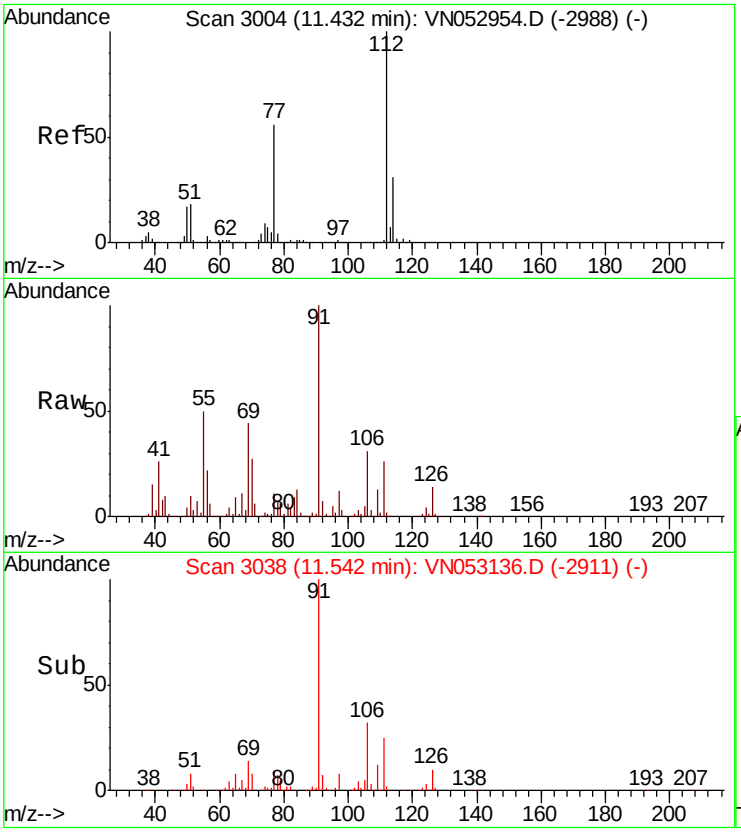


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion:117 Resp: 1527477

Ion	Ratio	Lower	Upper
117	100		
82	50.9	42.8	64.2
119	32.1	25.5	38.3



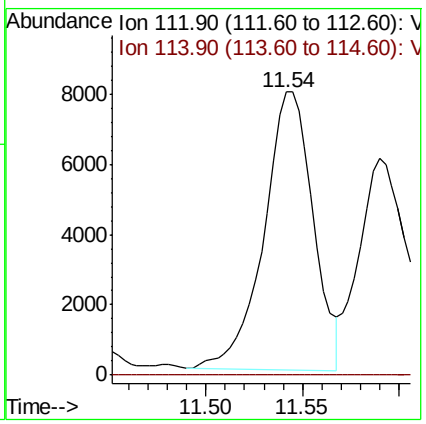


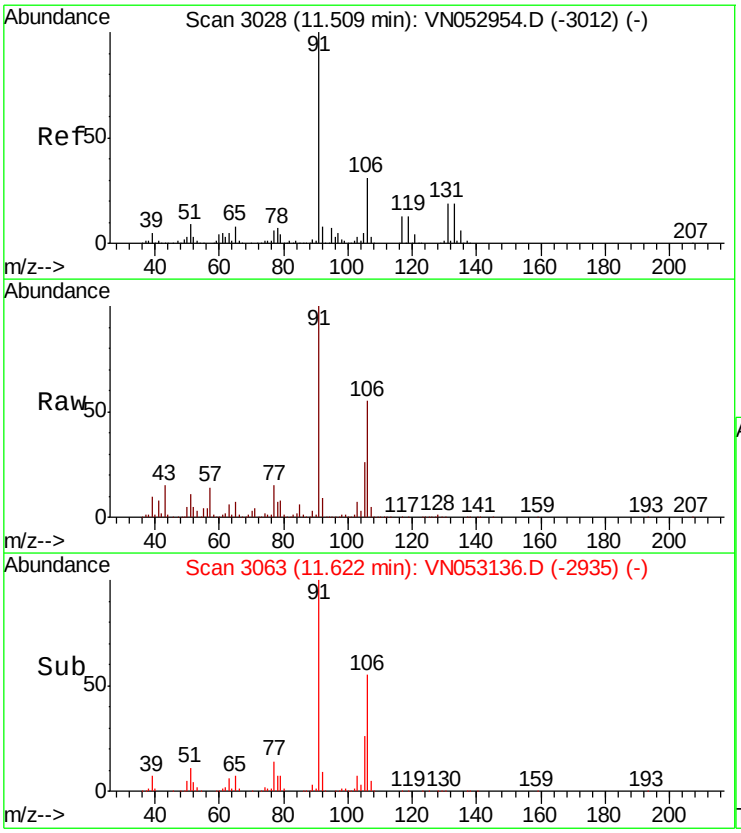
#65
Chlorobenzene
Concen: 0.417 ug/l
RT: 11.54 min Scan# 3038
Delta R.T. 0.11 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Tgt Ion:112 Resp: 14125

Ion	Ratio	Lower	Upper
112	100		
114	0.0	25.5	38.3#

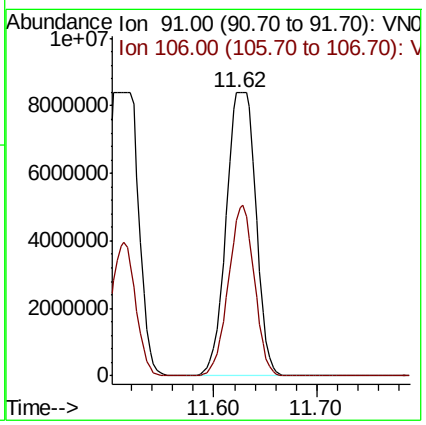


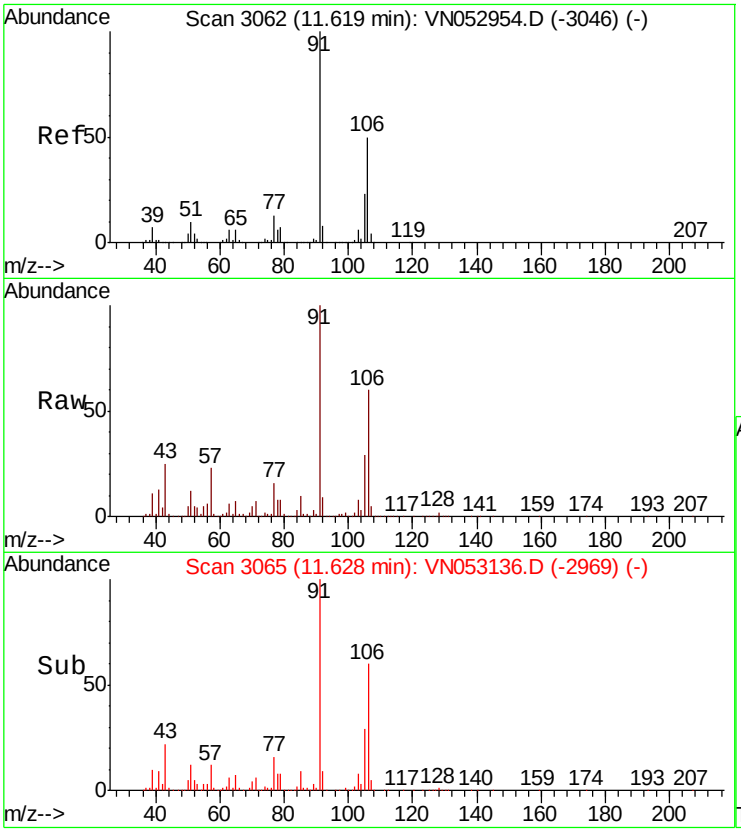


#67
Ethyl Benzene
Concen: 288.371 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.11 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion: 91 Resp:16791870

Ion	Ratio	Lower	Upper
91	100		
106	54.8	24.9	37.3#



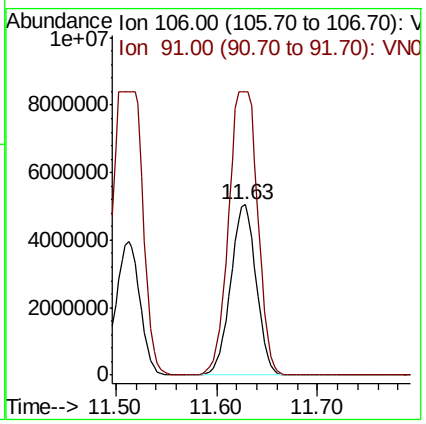


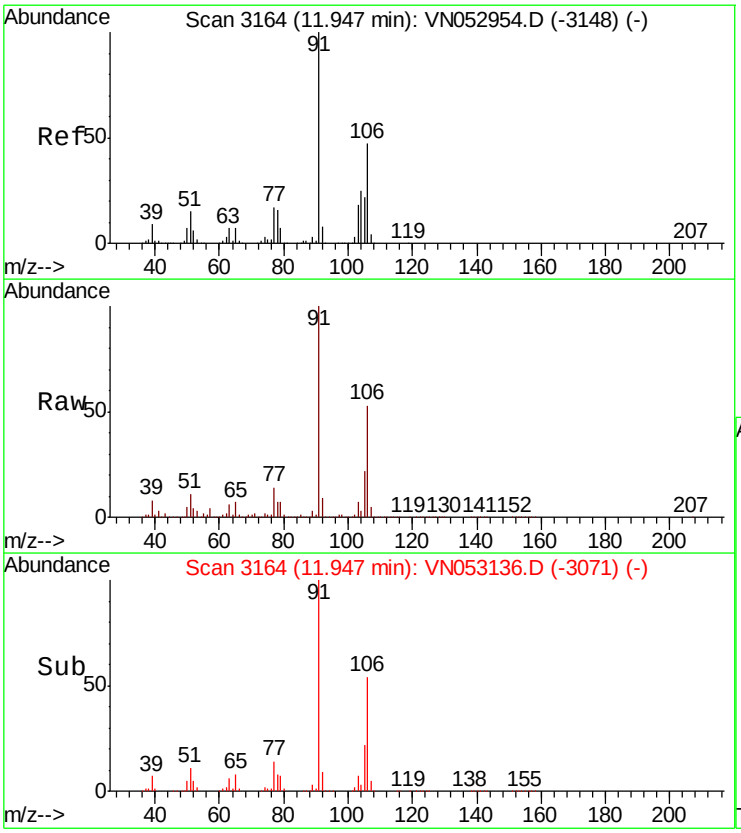
#68
m/p-Xylenes
Concen: 401.525 ug/l
RT: 11.63 min Scan# 3065
Delta R.T. 0.01 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Tgt Ion:106 Resp: 8888390

Ion	Ratio	Lower	Upper
106	100		
91	188.9	162.2	243.4

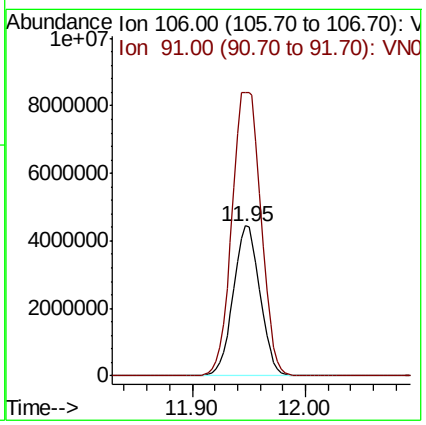


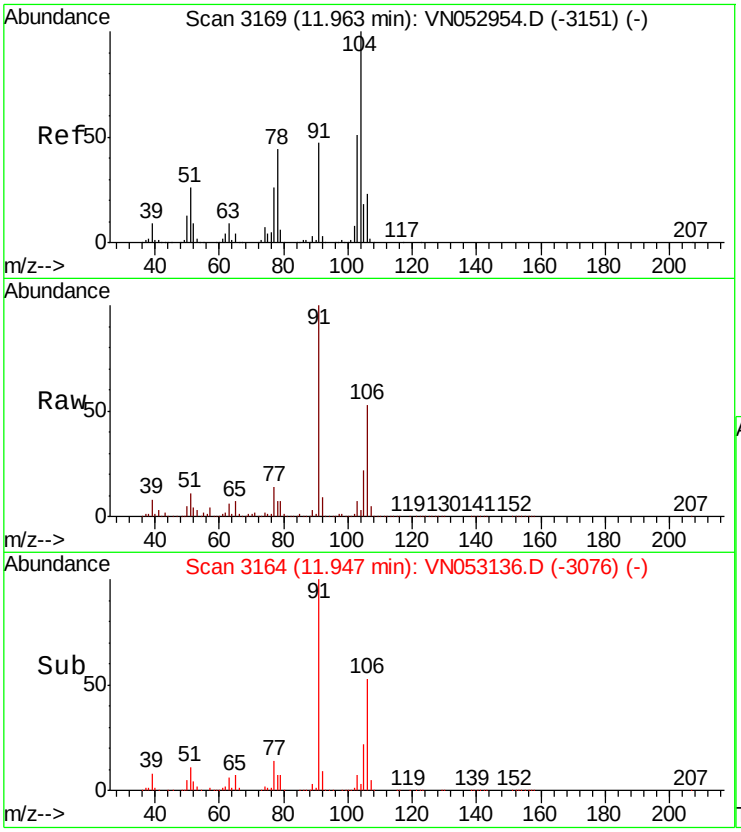


#69
o-Xylene
Concen: 342.984 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion:106 Resp: 7285605

Ion	Ratio	Lower	Upper
106	100		
91	206.1	106.6	319.8



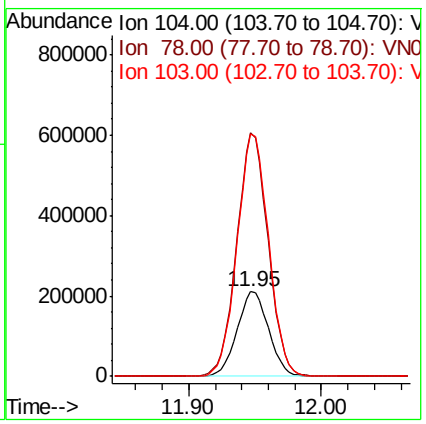


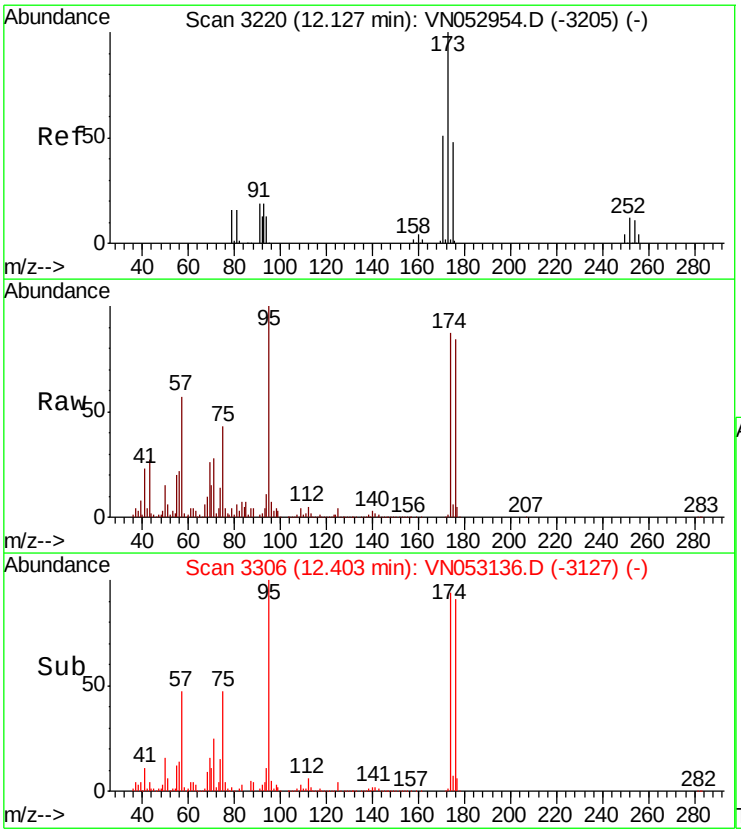
#70
Stvrene
Concen: 10.034 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.02 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Tgt Ion:104 Resp: 347546

Ion	Ratio	Lower	Upper
104	100		
78	284.7	38.9	58.3#
103	285.6	44.3	66.5#

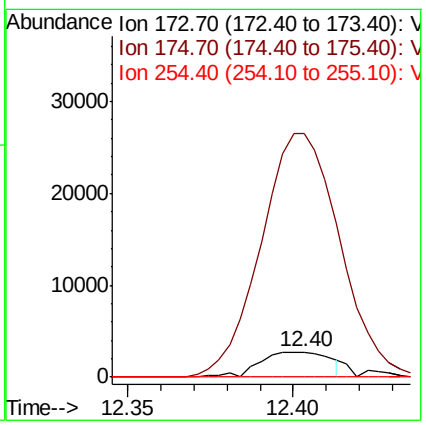


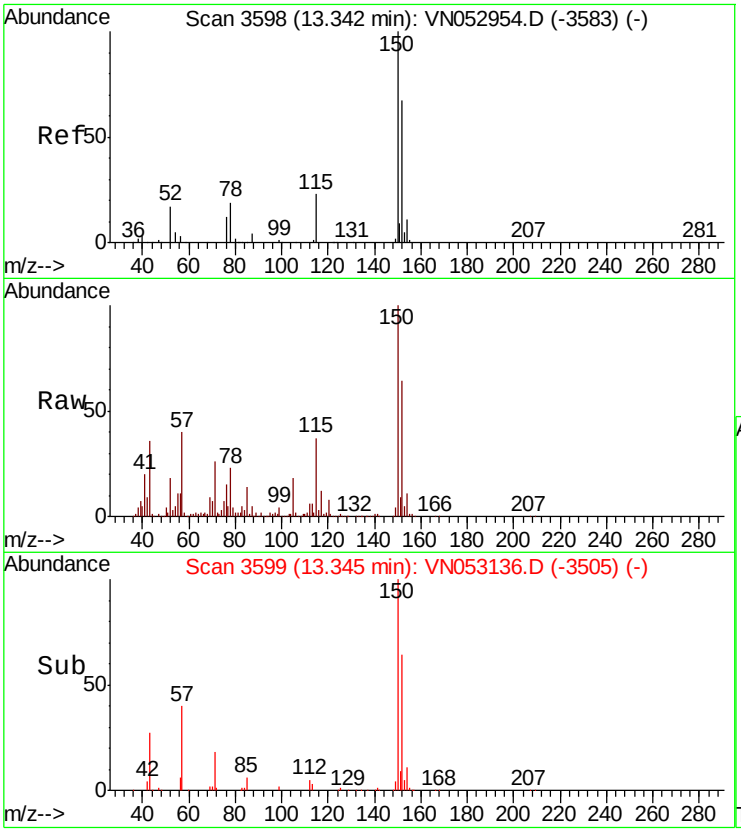


#71
Bromoform
Concen: 0.478 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion:173 Resp: 4066

Ion	Ratio	Lower	Upper
173	100		
175	939.3	24.3	72.9#
254	0.0	0.1	0.1#



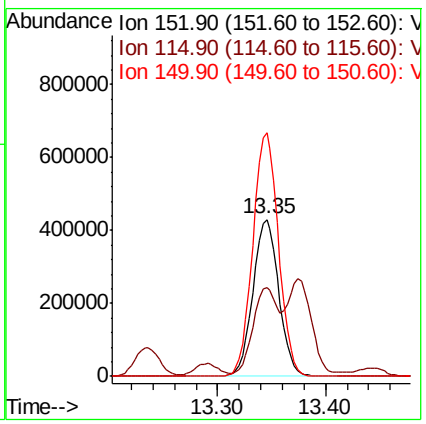


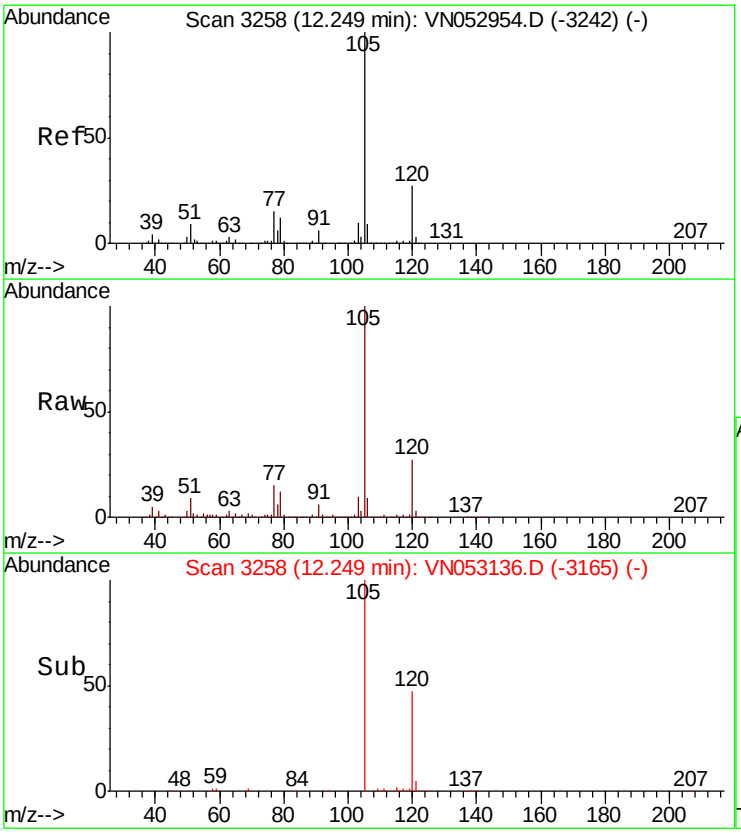
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Tgt Ion:152 Resp: 707599

Ion	Ratio	Lower	Upper
152	100		
115	52.7	28.3	85.0
150	155.3	0.0	347.8

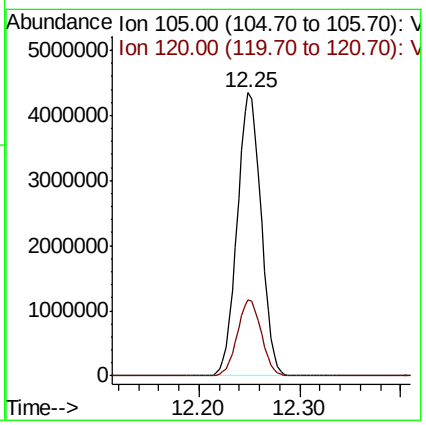


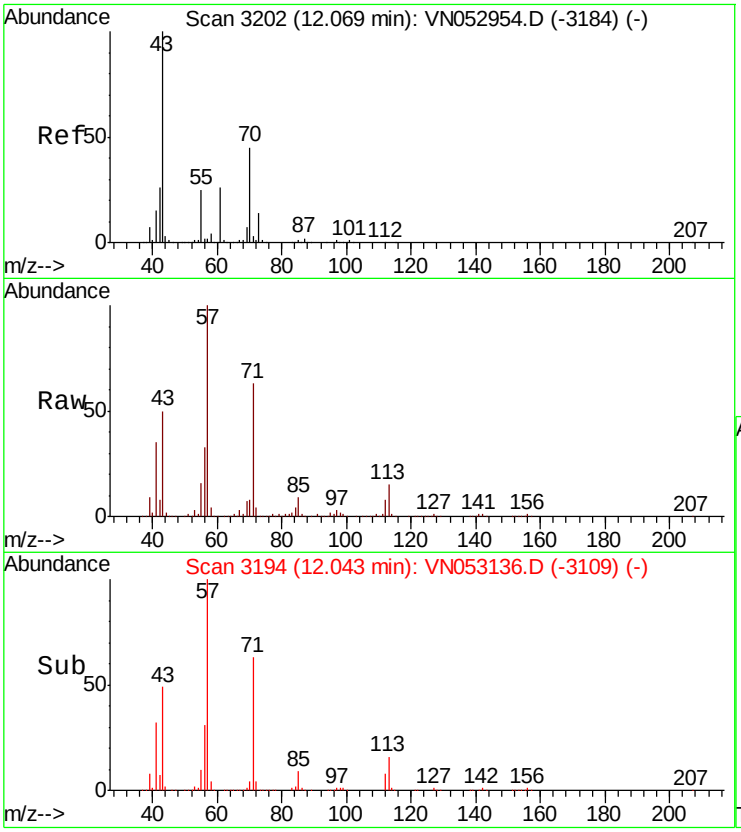


#73
Isopropylbenzene
Concen: 128.242 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion:105 Resp: 7099931

Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.3	39.9



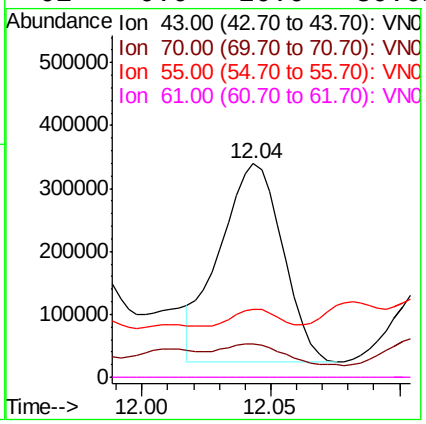


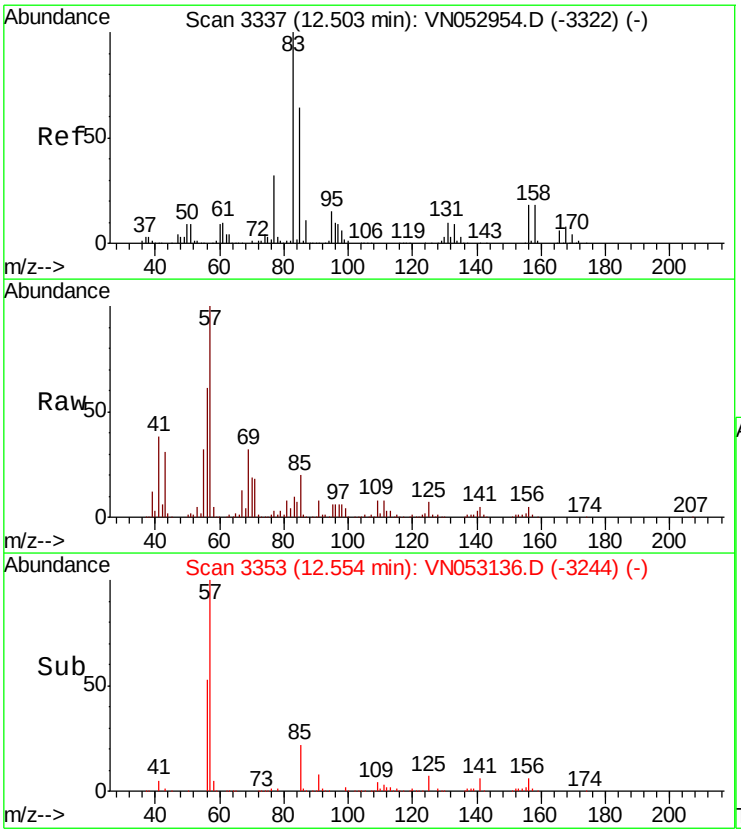
#74
N-amyl acetate
Concen: 35.174 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.03 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Instrument : MSVOA_N
ClientSampleId : KY001SB106-121218-(22-24)ME

Tgt Ion: 43 Resp: 540657

Ion	Ratio	Lower	Upper
43	100		
70	9.8	34.2	51.4#
55	5.4	20.3	30.5#
61	0.0	20.0	30.0#

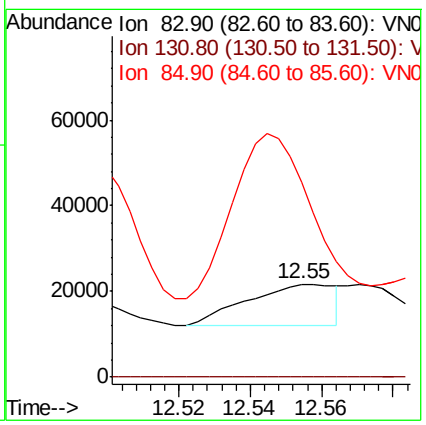


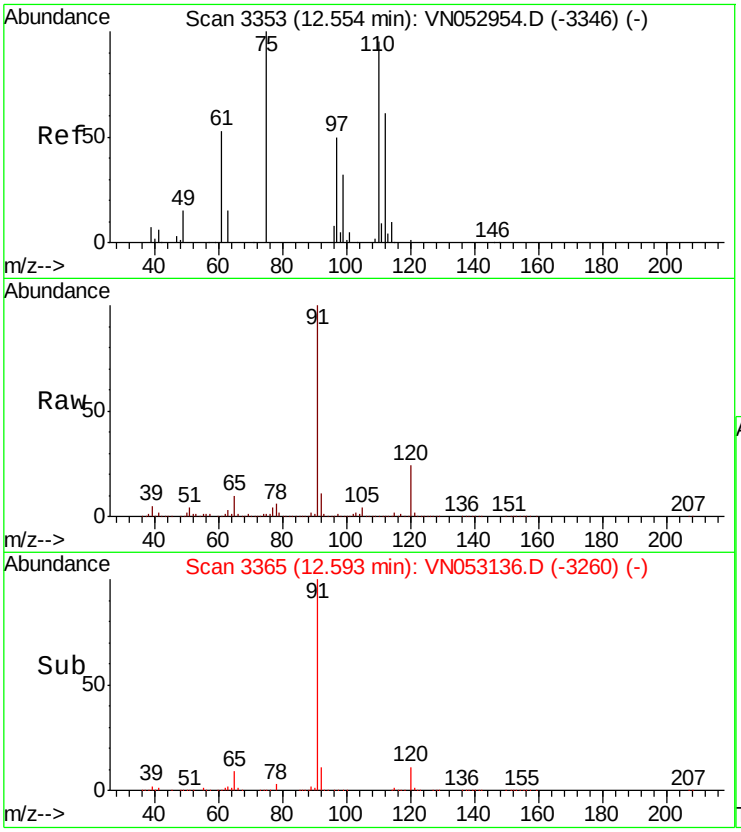


#75
1,1,2,2-Tetrachloroethane
Concen: 1.530 ug/l
RT: 12.55 min Scan# 3353
Delta R.T. 0.05 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion: 83 Resp: 16616

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.2	15.6#
85	351.7	32.4	97.0#



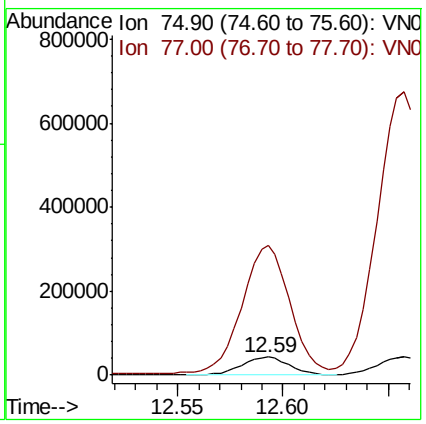


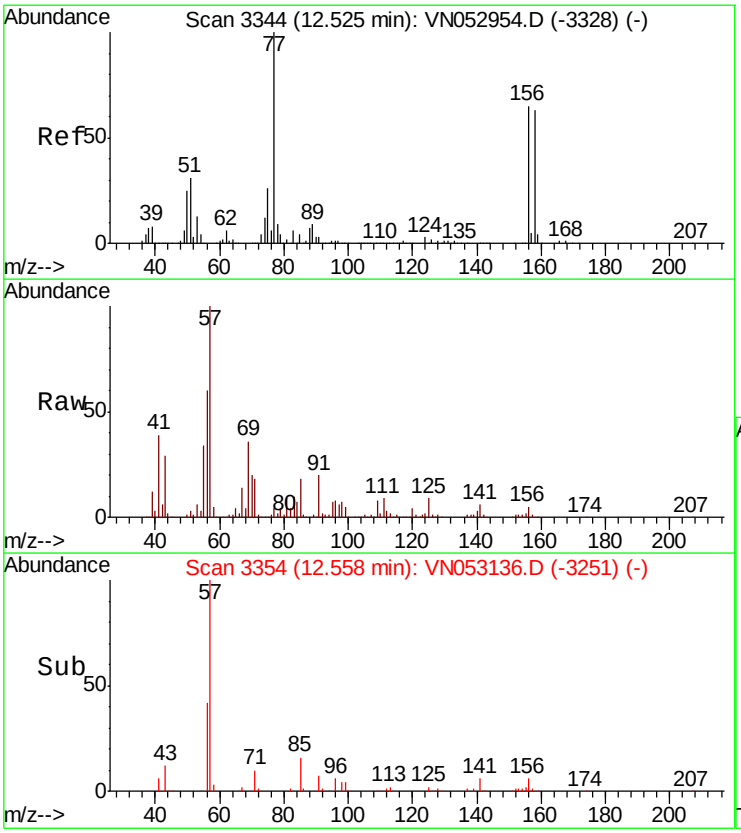
#76
1,2,3-Trichloropropane
Concen: 5.607 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.04 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Tgt Ion: 75 Resp: 66785

Ion	Ratio	Lower	Upper
75	100		
77	716.2	0.0	0.0#

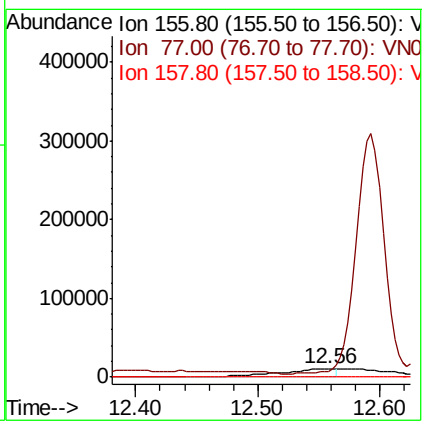


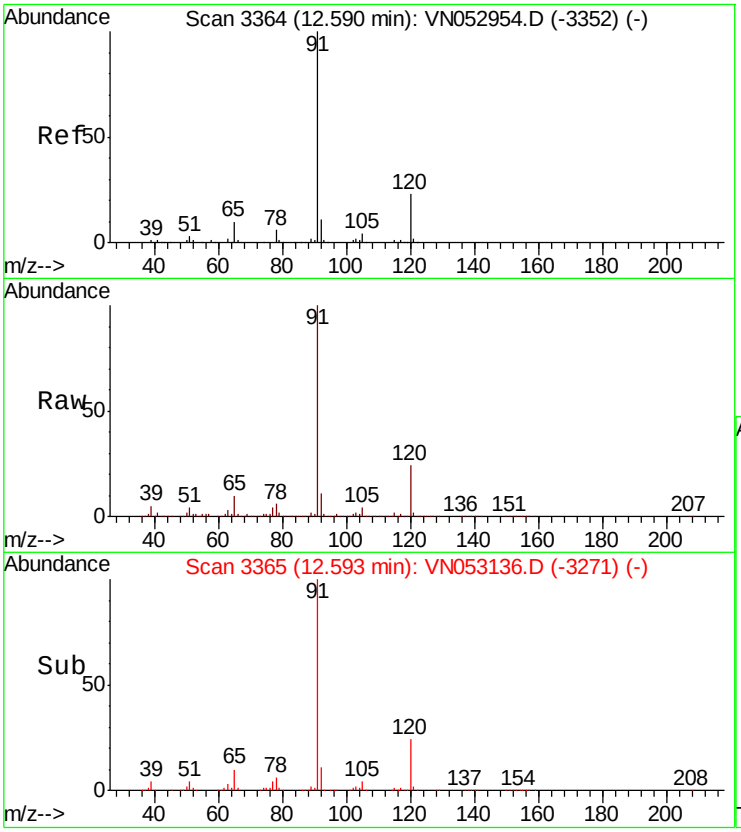


#77
Bromobenzene
Concen: 2.368 ug/l
RT: 12.56 min Scan# 3354
Delta R.T. 0.03 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion:156 Resp: 34073

Ion	Ratio	Lower	Upper
156	100		
77	0.0	91.3	273.8#
158	0.0	49.0	147.2#



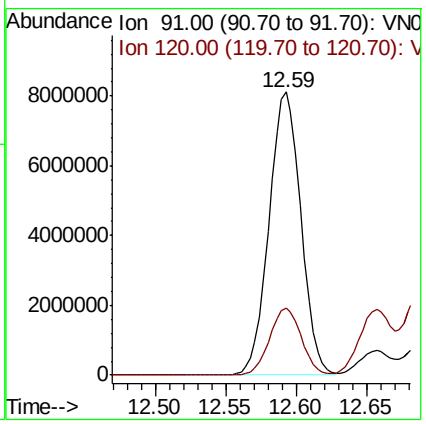


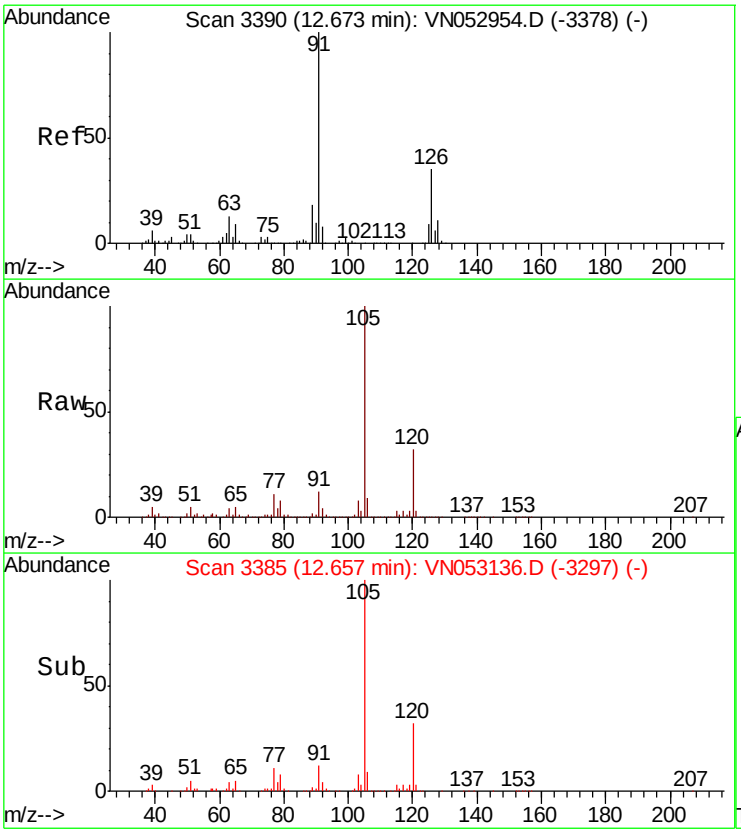
#78
n-propylbenzene
Concen: 201.161 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Instrument : MSVOA_N
ClientSampleId : KY001SB106-121218-(22-24)ME

Tgt Ion: 91 Resp:12683967

Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.5	34.5

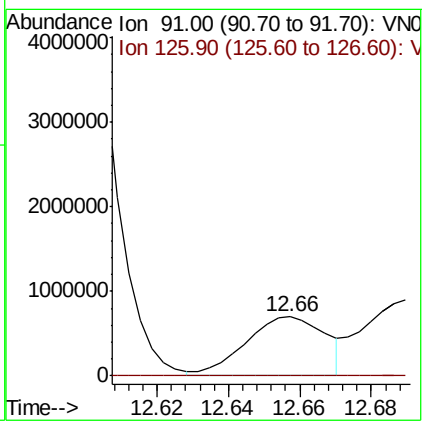


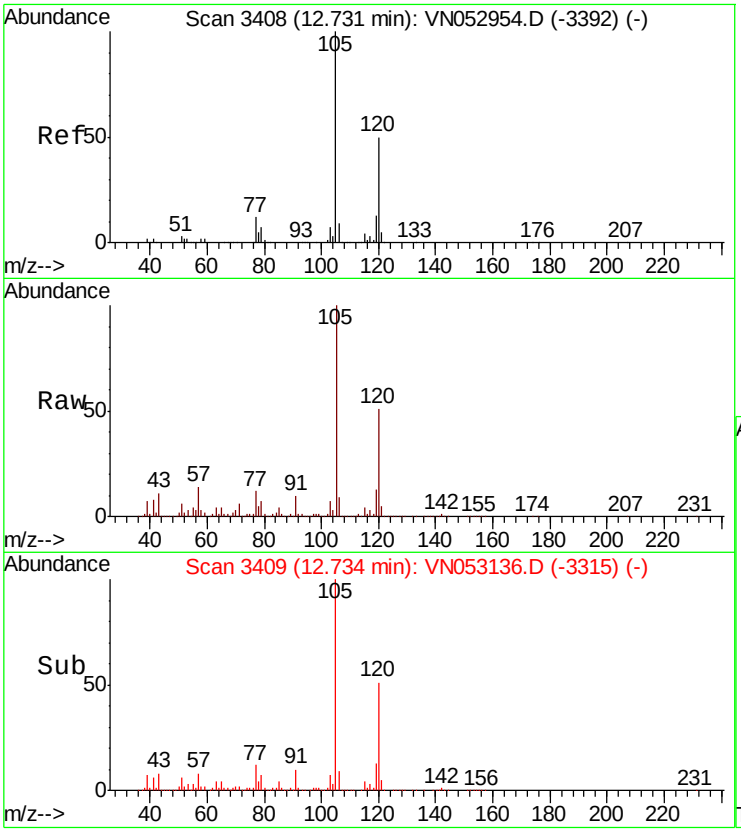


#79
2-Chlorotoluene
Concen: 27.627 ug/l
RT: 12.66 min Scan# 3385
Delta R.T. -0.02 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion: 91 Resp: 1079779

Ion	Ratio	Lower	Upper
91	100		
126	0.2	17.4	52.3#



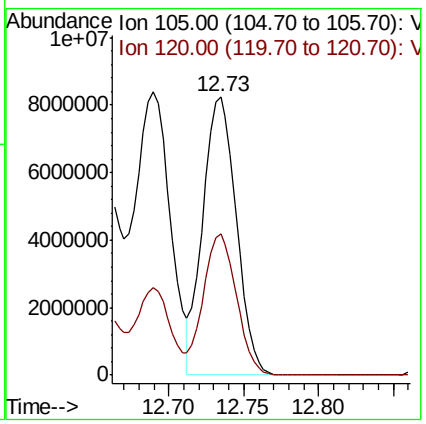


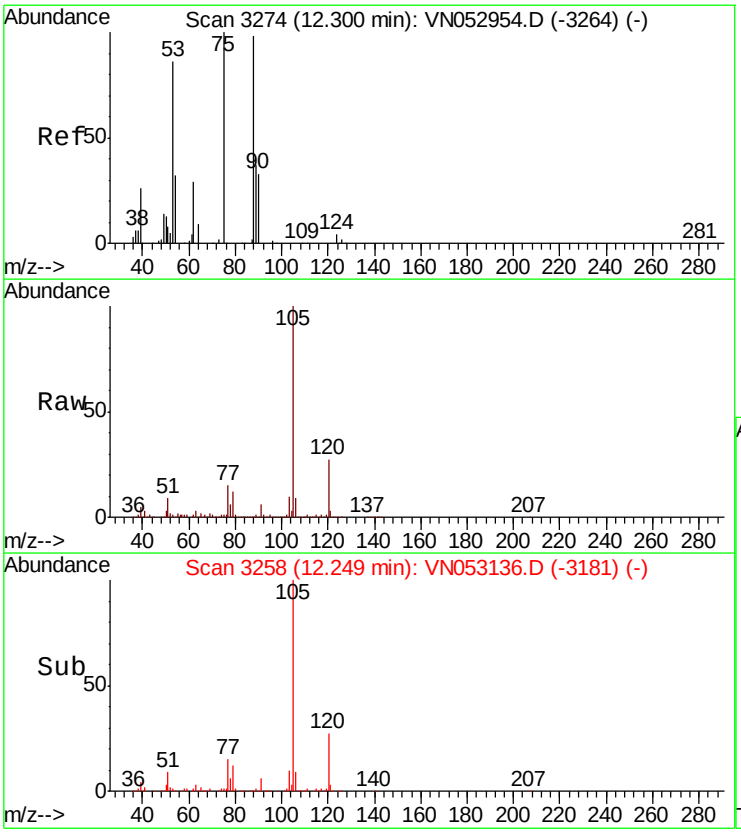
#80
1,3,5-Trimethylbenzene
Concen: 284.161 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Tgt Ion:105 Resp:12823057

Ion	Ratio	Lower	Upper
105	100		
120	50.1	24.4	73.2

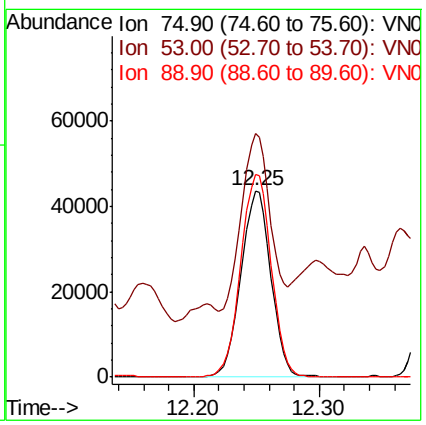


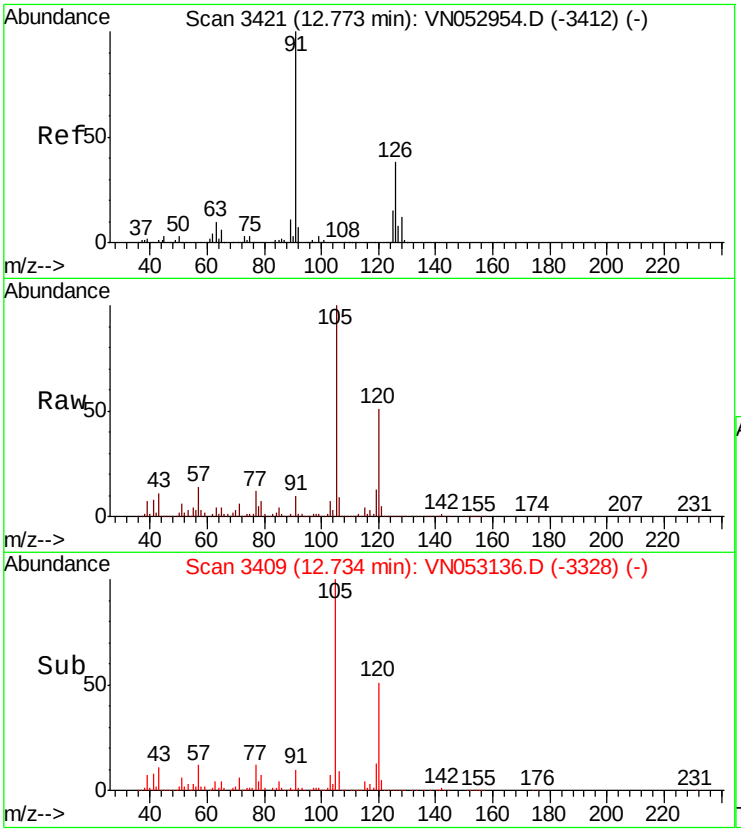


#81
trans-1,4-Dichloro-2-butene
Concen: 19.636 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.05 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion: 75 Resp: 72569

Ion	Ratio	Lower	Upper
75	100		
53	90.9	74.7	112.1
89	109.0	36.1	54.1#



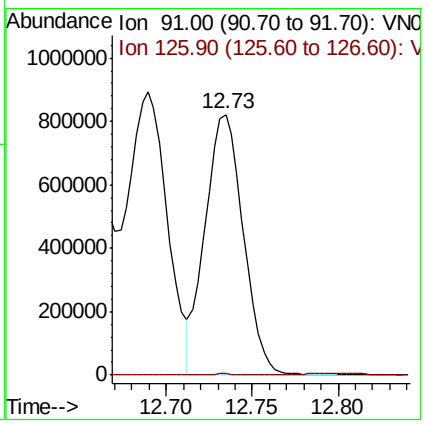


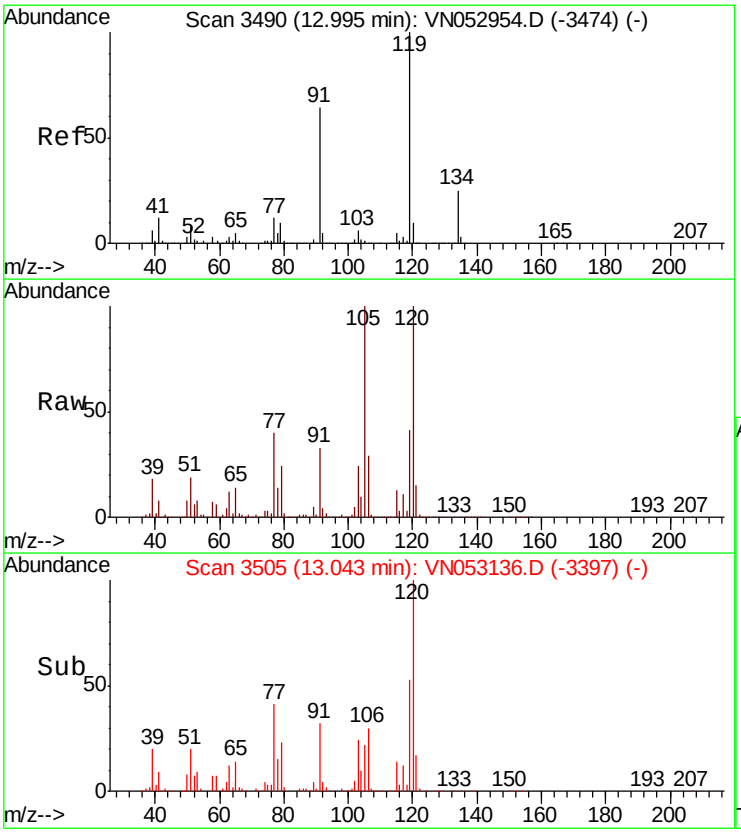
#82
4-Chlorotoluene
Concen: 32.922 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. -0.04 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Tgt Ion: 91 Resp: 1259563

Ion	Ratio	Lower	Upper
91	100		
126	0.5	17.3	51.7#

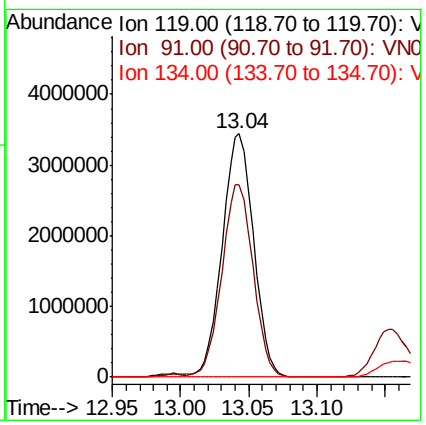


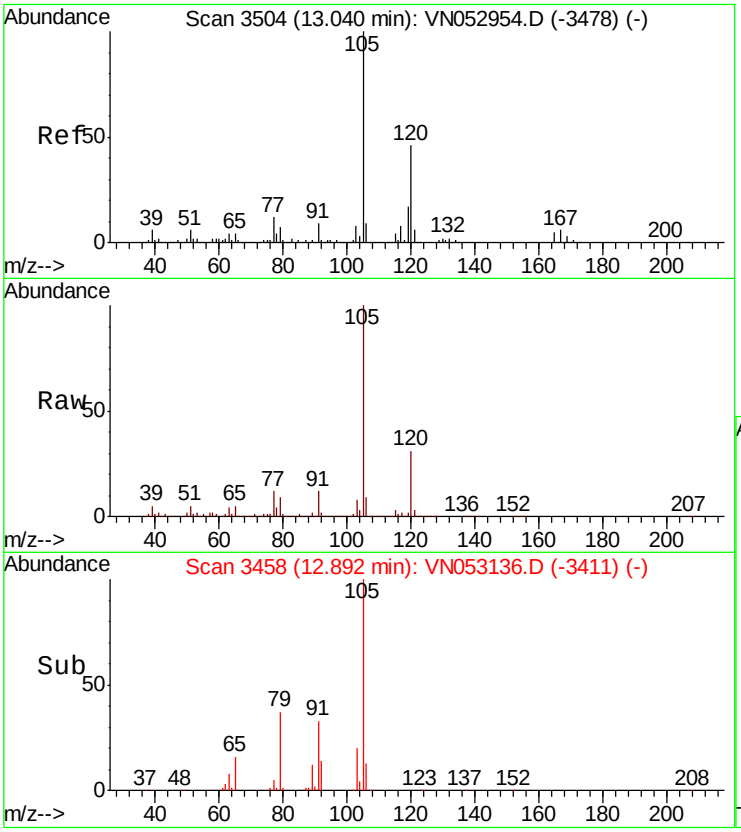


#83
tert-Butylbenzene
Concen: 138.005 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. 0.05 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion:119 Resp: 5507773

Ion	Ratio	Lower	Upper
119	100		
91	78.4	31.9	95.5
134	0.0	12.8	38.4#



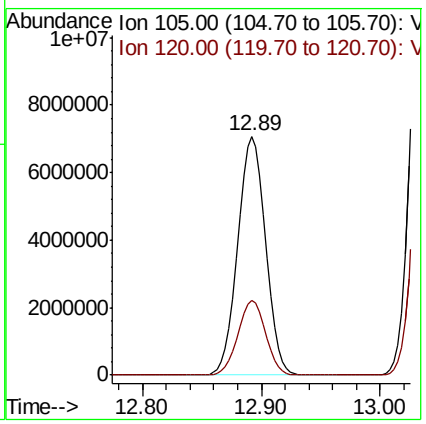


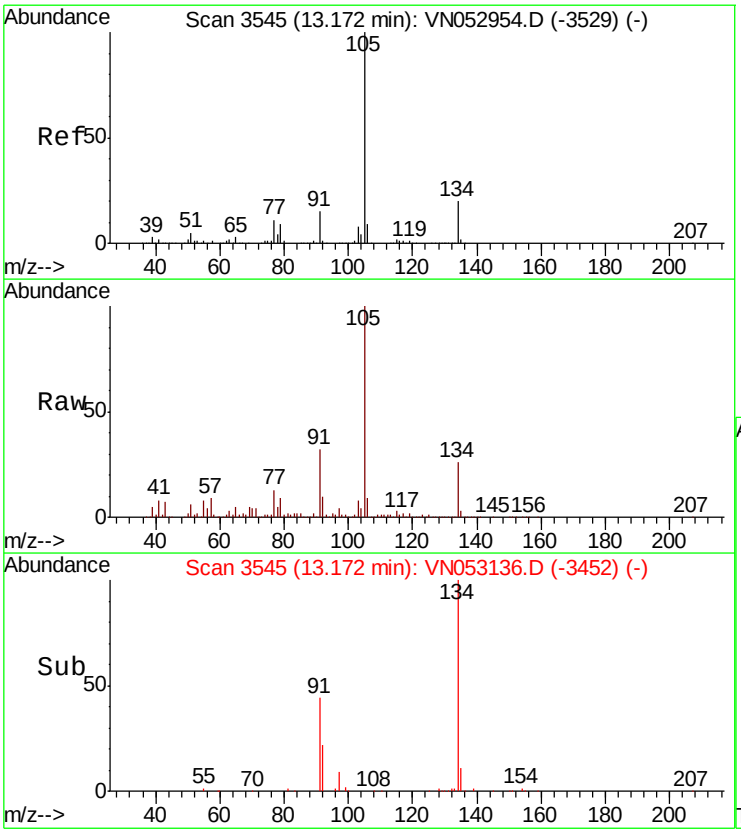
#84
1,2,4-Trimethylbenzene
Concen: 252.172 ug/l
RT: 12.89 min Scan# 3458
Delta R.T. -0.15 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Tgt Ion:105 Resp:11439617

Ion	Ratio	Lower	Upper
105	100		
120	31.2	22.9	68.8

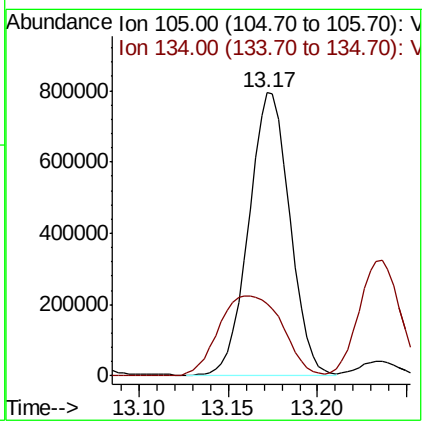


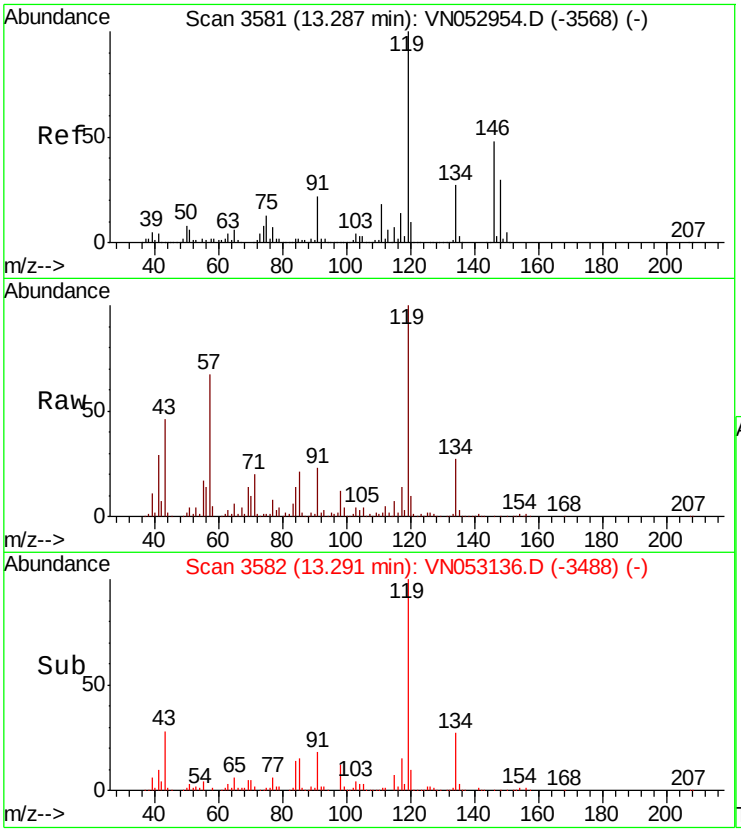


#85
sec-Butylbenzene
Concen: 23.558 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion:105 Resp: 1271709

Ion	Ratio	Lower	Upper
105	100		
134	43.7	10.1	30.3#



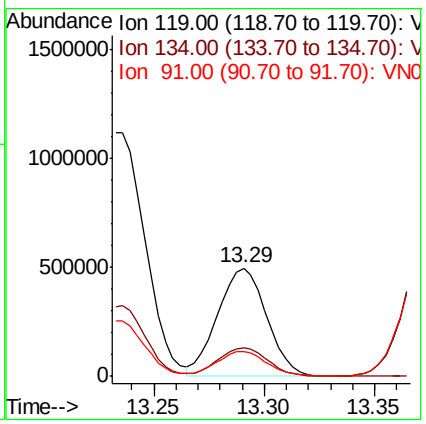


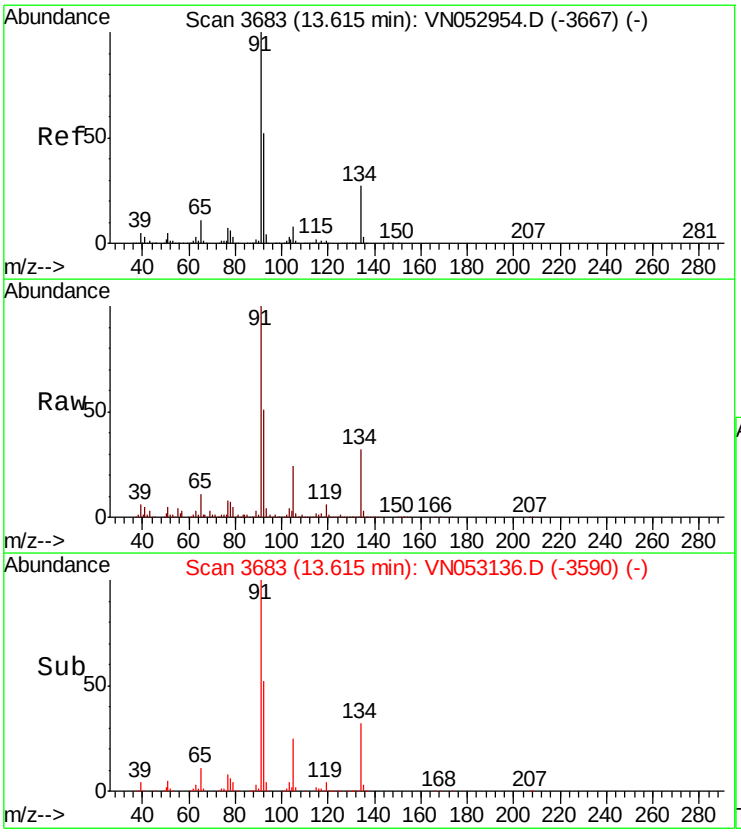
#86
p-Isopropyltoluene
Concen: 16.427 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Tgt Ion:119 Resp: 766231

Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.4	40.2
91	22.6	11.1	33.3

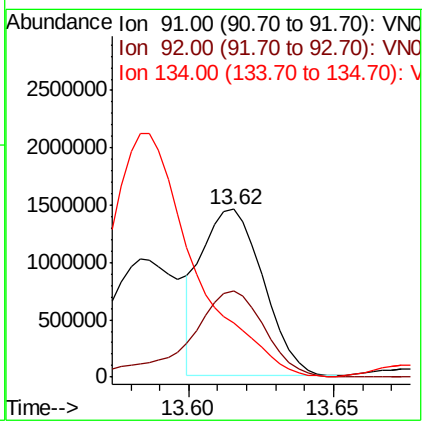


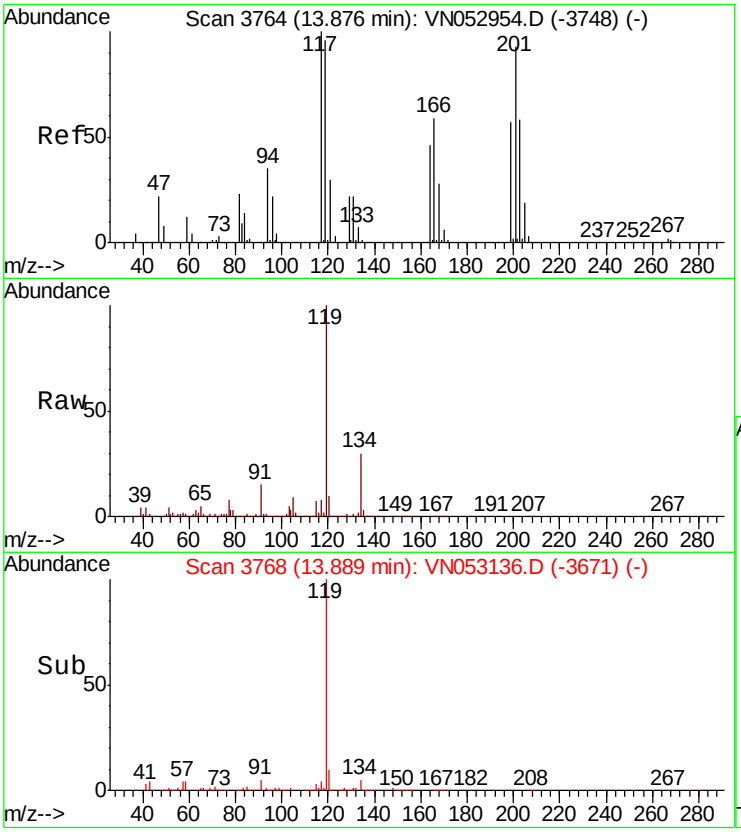


#89
n-Butylbenzene
Concen: 53.438 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion: 91 Resp: 2144436

Ion	Ratio	Lower	Upper
91	100		
92	63.1	26.3	78.9
134	0.0	13.3	39.8#



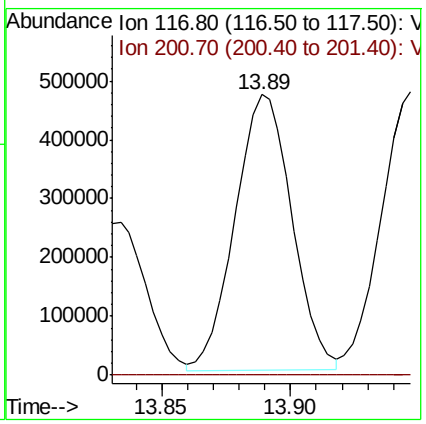


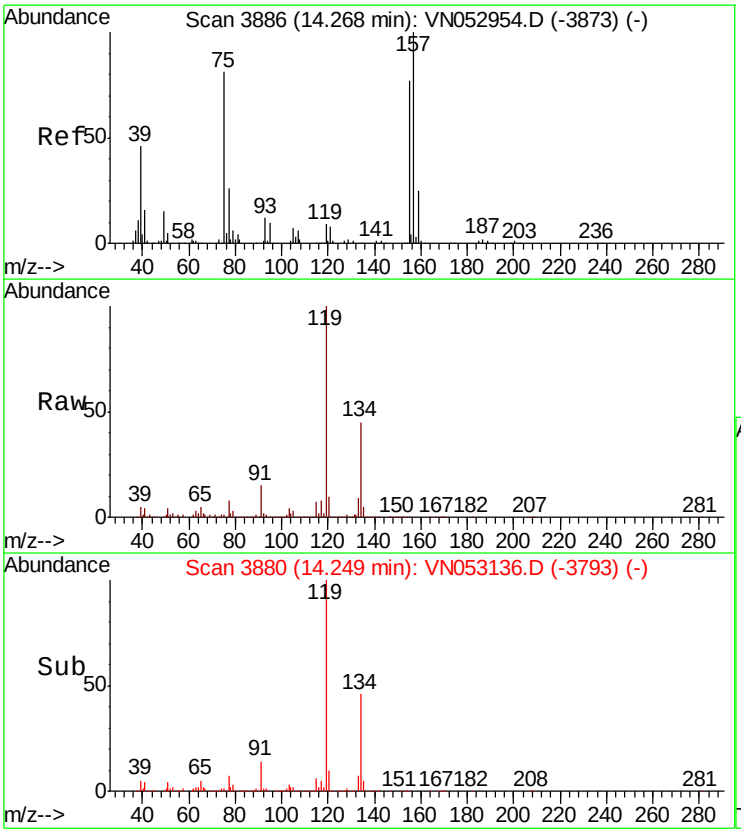
#90
Hexachloroethane
Concen: 100.846 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.01 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Tgt Ion:117 Resp: 721861

Ion	Ratio	Lower	Upper
117	100		
201	0.0	45.7	137.1#

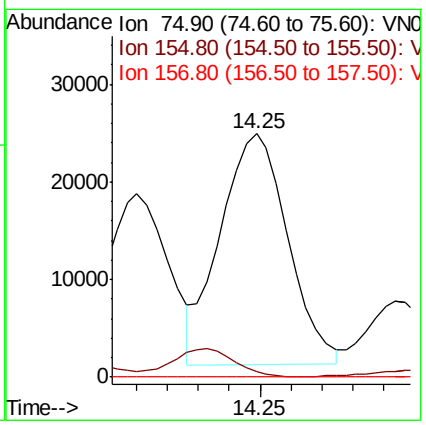


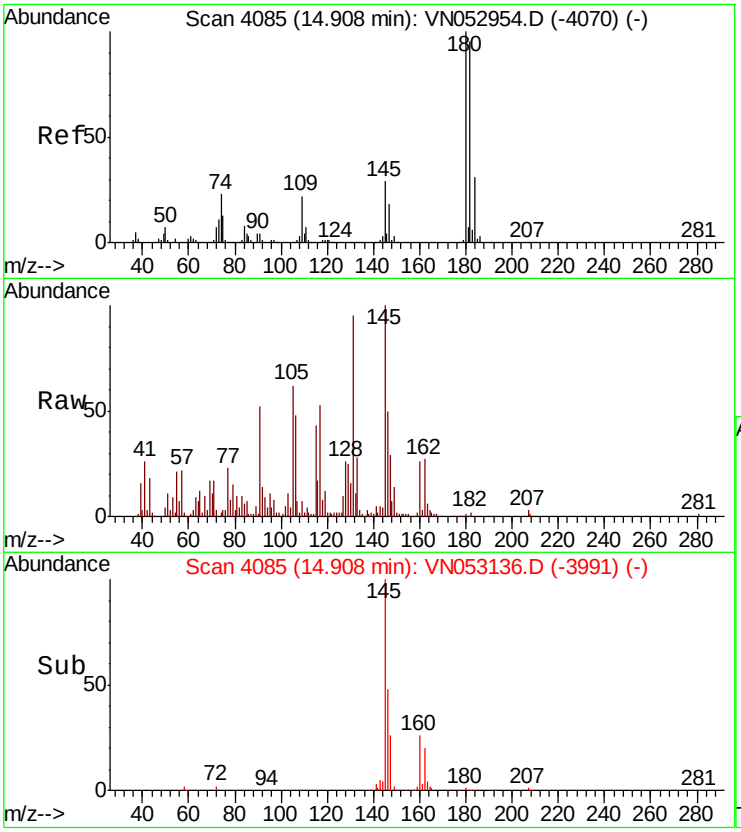


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.099 ug/l
RT: 14.25 min Scan# 3880
Delta R.T. -0.02 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion: 75 Resp: 35869

Ion	Ratio	Lower	Upper
75	100		
155	11.4	48.2	144.6#
157	0.0	61.2	183.5#



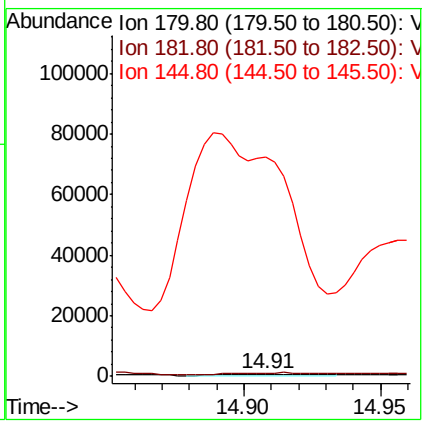


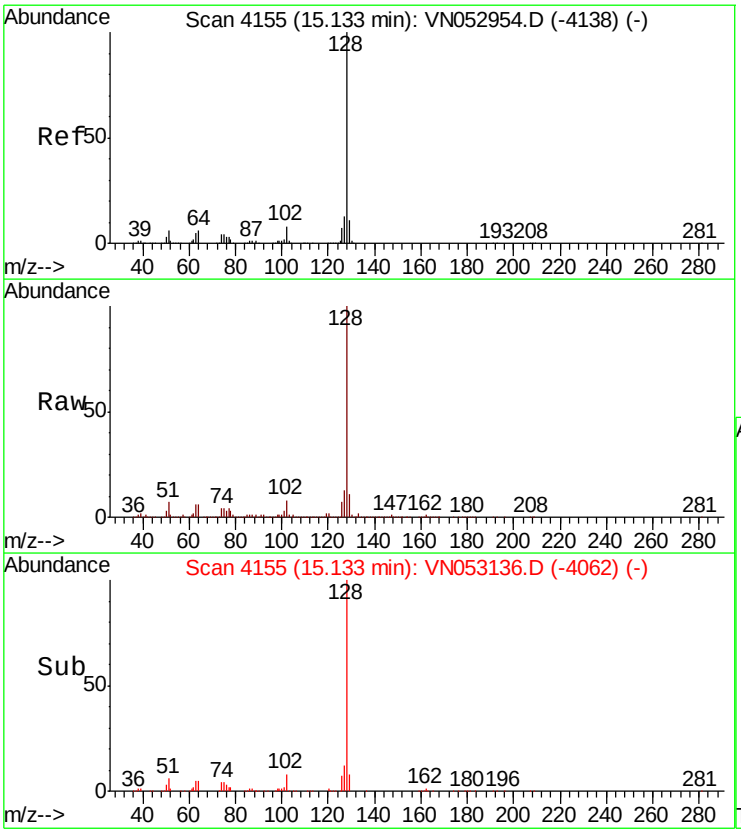
#93
1,2,4-Trichlorobenzene
Concen: 0.662 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Tgt Ion:180 Resp: 844

Ion	Ratio	Lower	Upper
180	100		
182	117.4	47.8	143.3
145	0.0	14.2	42.6#

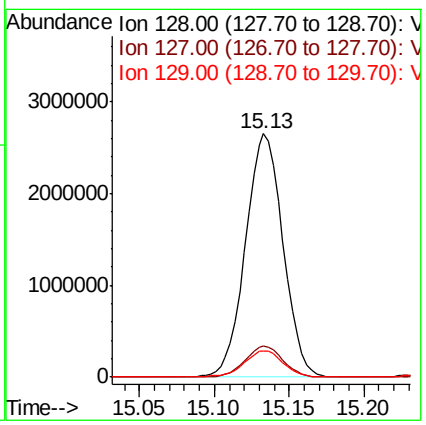


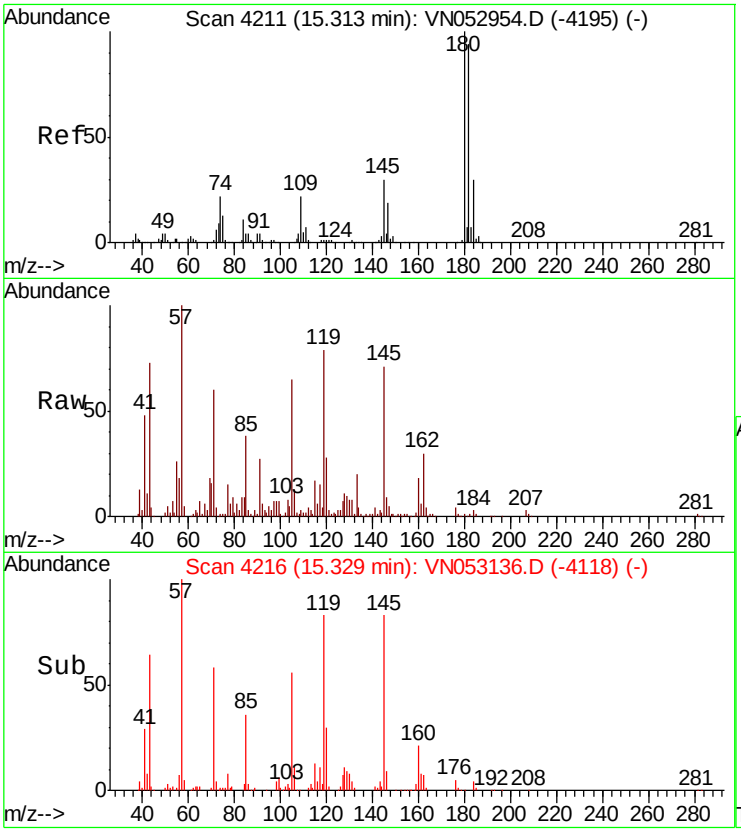


#95
Naphthalene
Concen: 162.248 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion:128 Resp: 4587191

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.9	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 0.593 ug/l
RT: 15.33 min Scan# 4216
Delta R.T. 0.02 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Tgt Ion:180 Resp: 987

Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.9	143.7#
145	10561.5	15.0	45.0#