

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120418\
 Data File : VN052660.D
 Acq On : 4 Dec 2018 17:47
 Operator : MD\SY
 Sample : J6192-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-02-120318

Quant Time: Dec 05 03:10:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1176841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1819219	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1602609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	608792	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	625864	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
35) Dibromofluoromethane	7.59	113	562386	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
50) Toluene-d8	10.09	98	2224311	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.40	95	697428	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	

Target Compounds

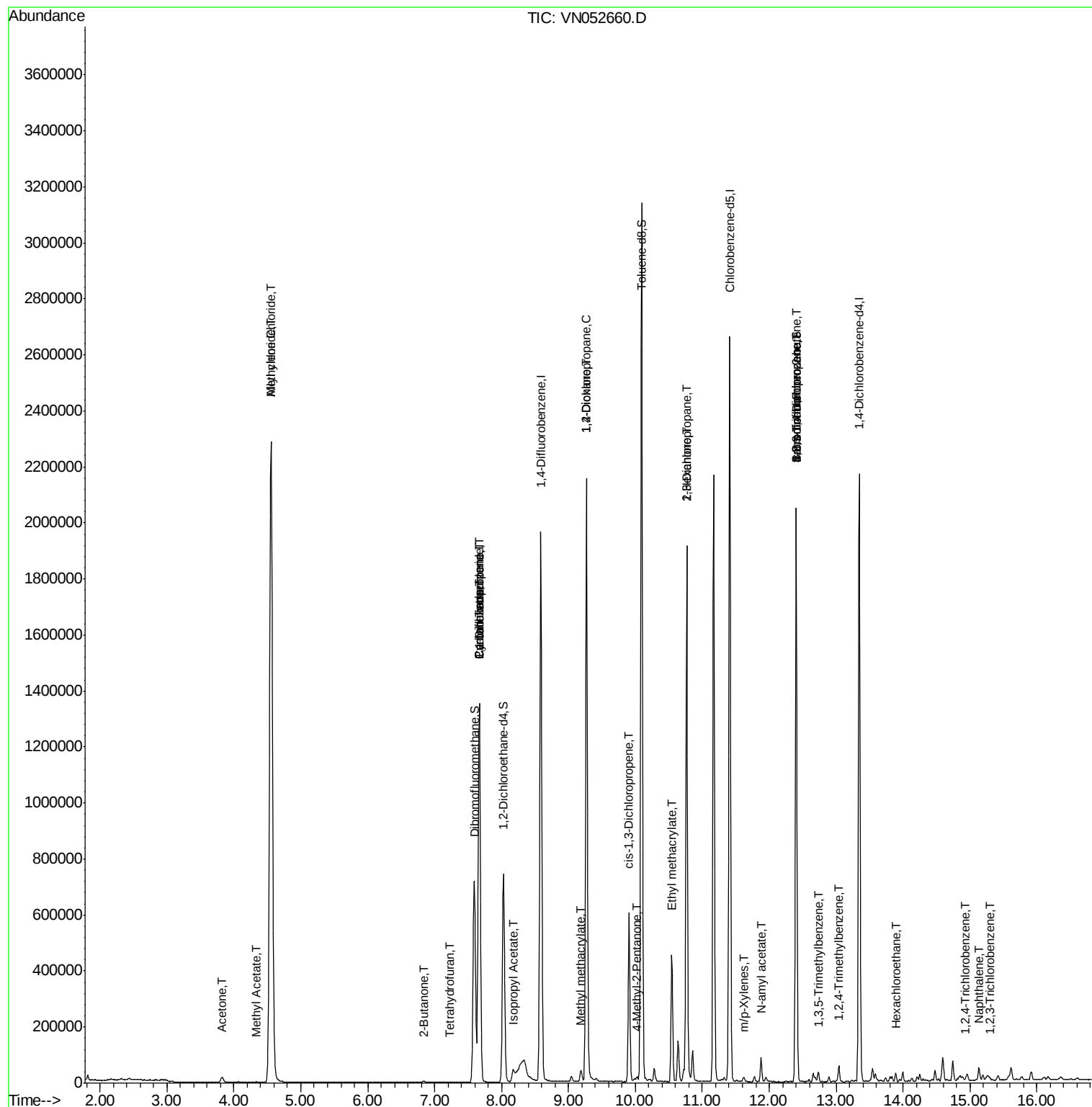
						Qvalue
14) Allyl chloride	4.55	41	64815	3.411	ug/l #	27
16) Acetone	3.82	43	32433	9.596	ug/l	96
18) Methyl Acetate	4.34	43	4068	0.420	ug/l #	59
20) Methylene Chloride	4.55	84	1767216	133.619	ug/l	100
25) 2-Butanone	6.84	43	1265	0.264	ug/l	95
29) Tetrahydrofuran	7.23	42	1615	0.523	ug/l #	50
31) Cyclohexane	7.66	56	20742	0.579	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	80984	4.714	ug/l #	50
38) Carbon Tetrachloride	7.67	117	104018	6.688	ug/l #	16
43) Isopropyl Acetate	8.17	43	57694	3.252	ug/l #	76
45) 1,2-Dichloropropane	9.27	63	2804	0.206	ug/l #	43
48) Methyl methacrylate	9.18	41	13169	1.423	ug/l #	24
49) 1,4-Dioxane	9.27	88	273	2.843	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	16121	1.619	ug/l #	36
54) cis-1,3-Dichloropropene	9.90	75	111397	5.898	ug/l #	64
56) Ethyl methacrylate	10.55	69	1708	2.802	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	20305	1.075	ug/l #	43
59) 2-Hexanone	10.76	43	279741	41.869	ug/l #	51
68) m/p-Xylenes	11.62	106	5704	0.265	ug/l	99
71) Bromoform	12.40	173	4517	0.594	ug/l #	1
74) N-amyl acetate	11.88	43	27445	2.274	ug/l #	53
76) 1,2,3-Trichloropropane	12.40	75	333047	35.476	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	17792	0.467	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	333047	118.474	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	33412	0.875	ug/l	97
90) Hexachloroethane	13.89	117	1839	0.276	ug/l #	6
93) 1,2,4-Trichlorobenzene	14.92	180	156	2.843	ug/l #	74
95) Naphthalene	15.13	128	39279	5.025	ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	77	2.734	ug/l #	1

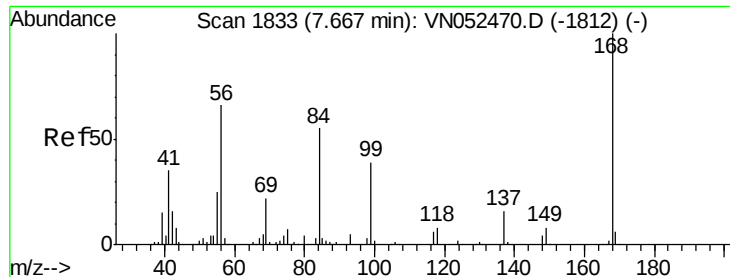
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Dec 03 03:24:02 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: VN052660.D

Acq: 4 Dec 2018 17:47

Instrument :

MSVOA_N

ClientSampleId :

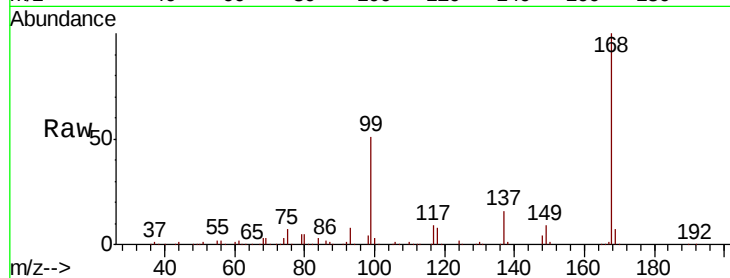
HD-02-120318

Tot Ion:168 Resp: 1176841

Ion Ratio Lower Upper

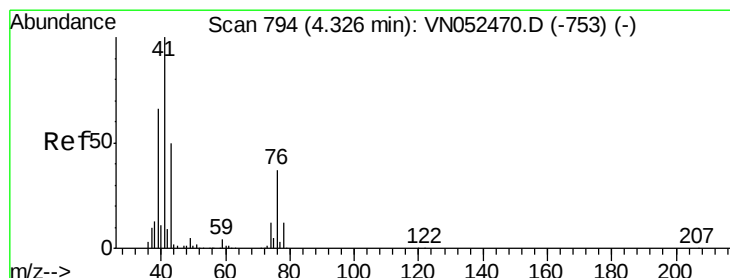
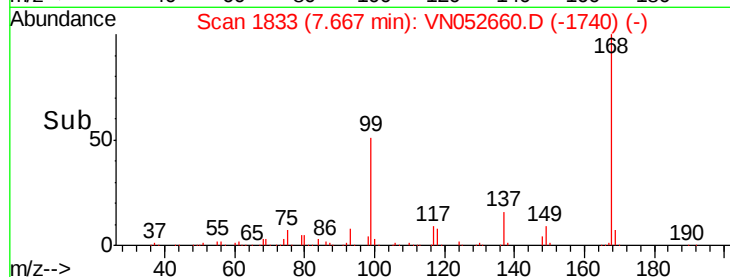
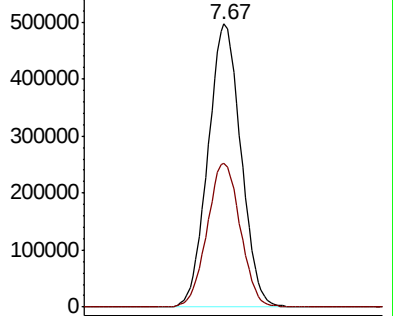
168 100

99 50.8 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#14

Allyl chloride

Concen: 3.411 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.23 min

Lab File: VN052660.D

Acq: 4 Dec 2018 17:47

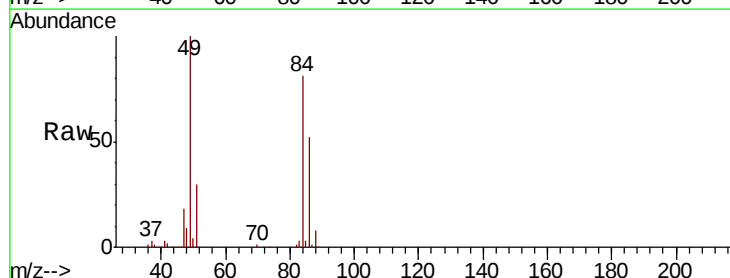
Tgt Ion: 41 Resp: 64815

Ion Ratio Lower Upper

41 100

39 0.6 50.6 76.0#

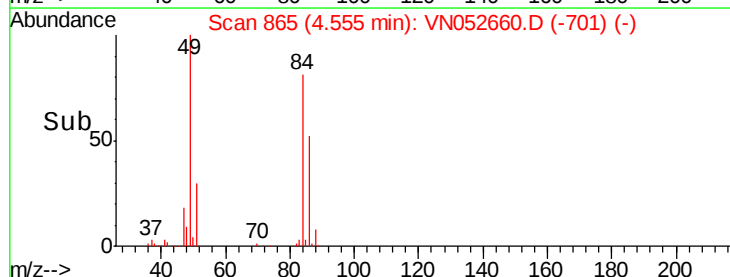
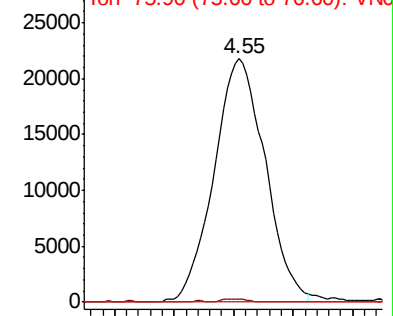
76 0.0 27.4 41.2#

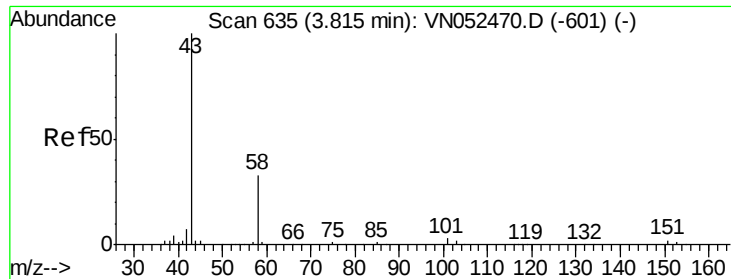


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#16

Acetone

Concen: 9.596 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052660.D

Acq: 4 Dec 2018 17:47

Instrument :

MSVOA_N

ClientSampleId :

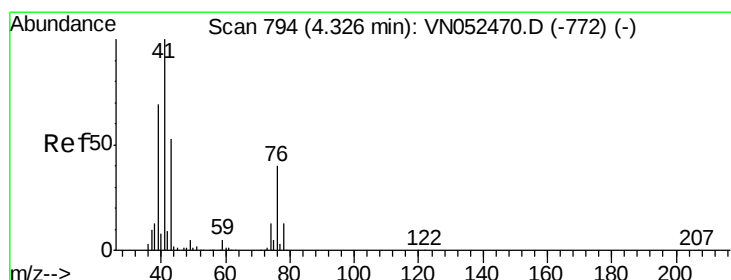
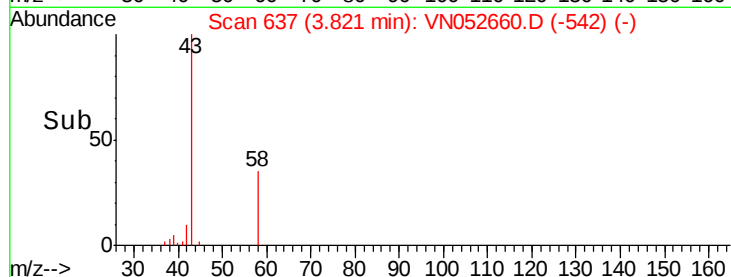
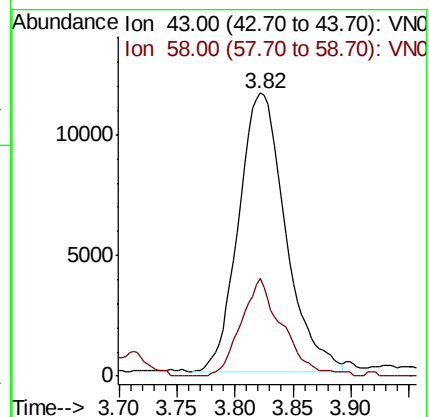
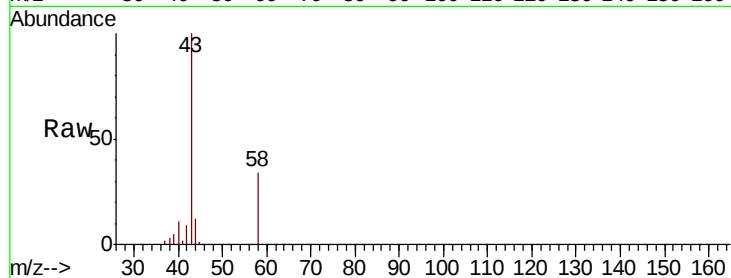
HD-02-120318

Tot Ion: 43 Resp: 32433

Ion Ratio Lower Upper

43 100

58 34.9 26.0 39.0



#18

Methyl Acetate

Concen: 0.420 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN052660.D

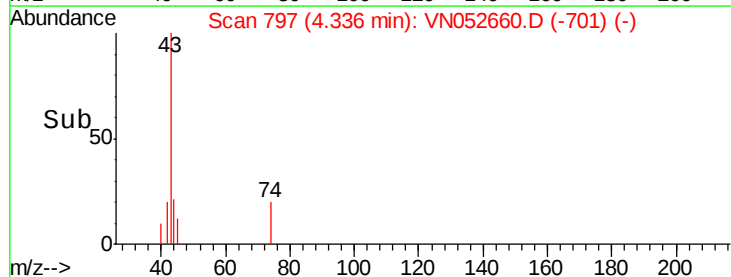
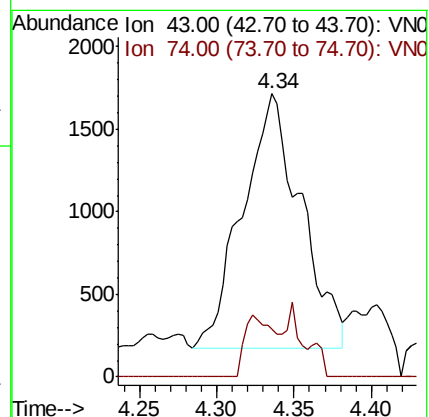
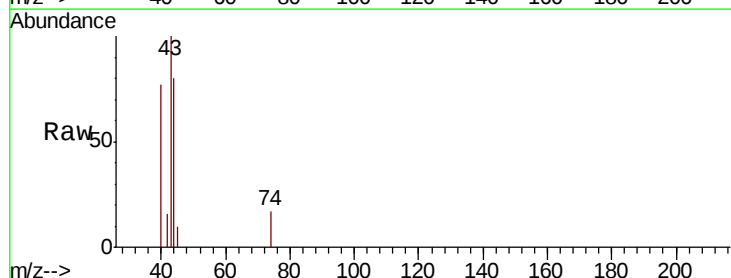
Acq: 4 Dec 2018 17:47

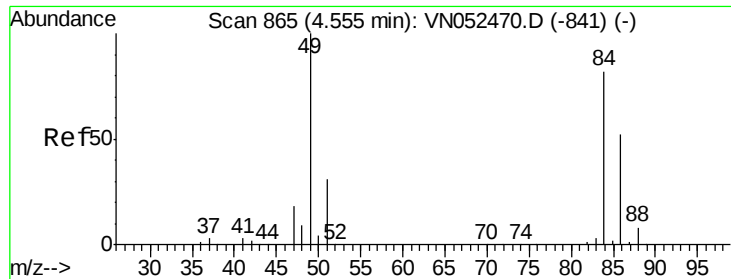
Tgt Ion: 43 Resp: 4068

Ion Ratio Lower Upper

43 100

74 3.0 18.6 27.8#



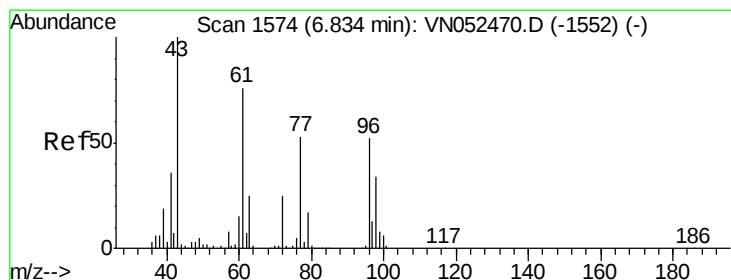
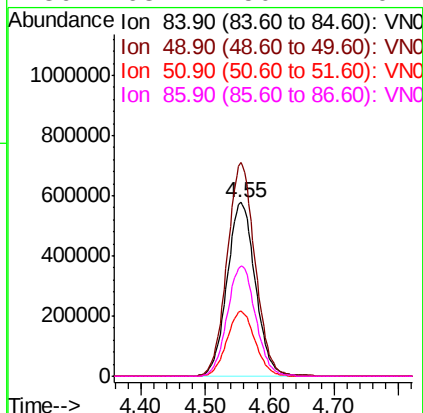
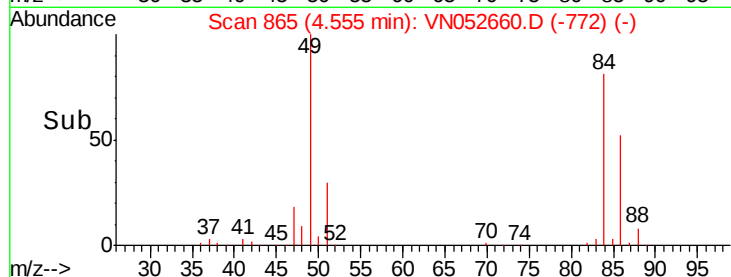
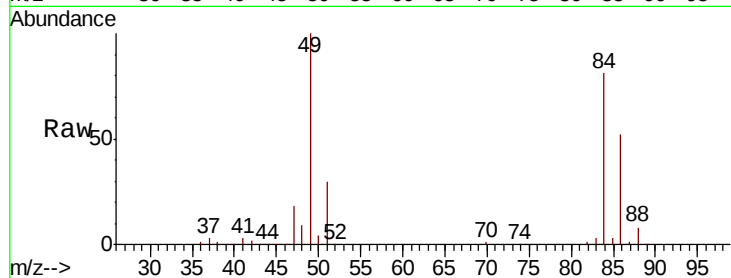


#20
Methvlene Chloride
Concen: 133.619 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052660.D
Acq: 4 Dec 2018 17:47

Instrument :
MSVOA_N
ClientSampled :
HD-02-120318

Tot Ion: 84 Resp: 1767216

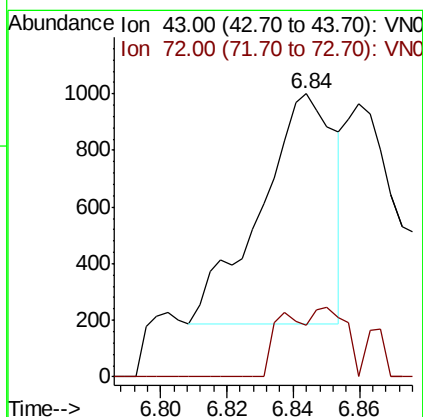
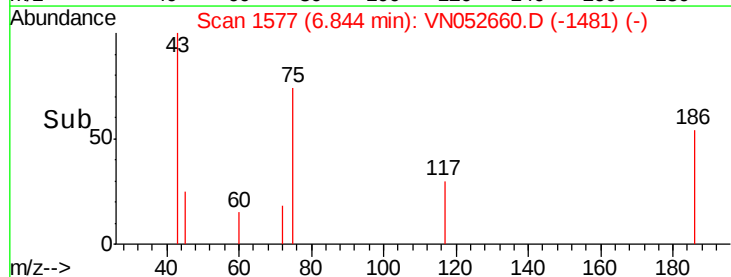
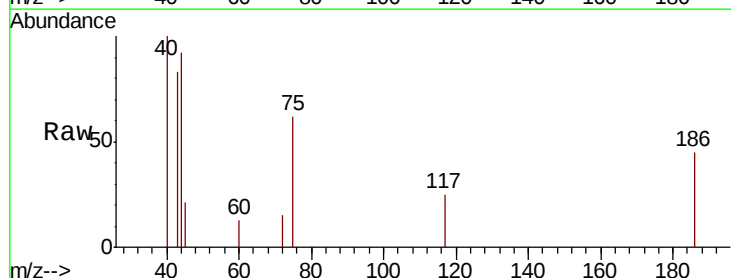
Ion	Ratio	Lower	Upper
84	100		
49	123.1	98.0	147.0
51	37.3	30.1	45.1
86	63.7	50.7	76.1

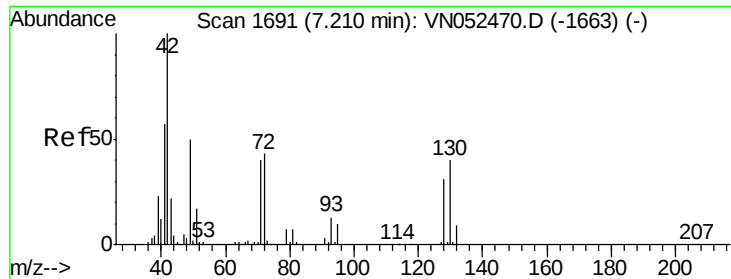


#25
2-Butanone
Concen: 0.264 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN052660.D
Acq: 4 Dec 2018 17:47

Tgt Ion: 43 Resp: 1265

Ion	Ratio	Lower	Upper
43	100		
72	22.7	20.1	30.1

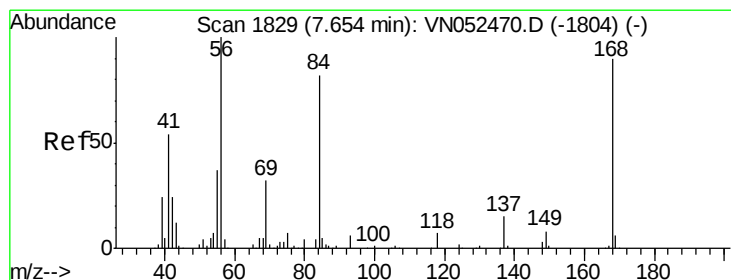
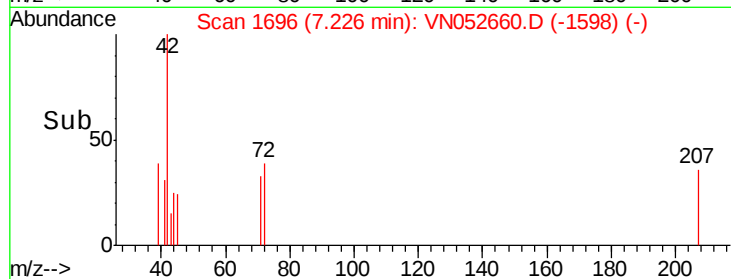
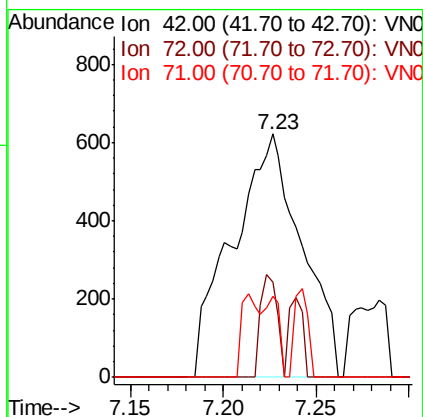
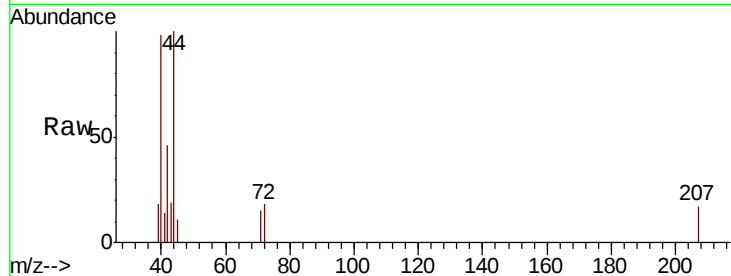




#29
Tetrahydrofuran
Concen: 0.523 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.02 min
Lab File: VN052660.D
Acq: 4 Dec 2018 17:47

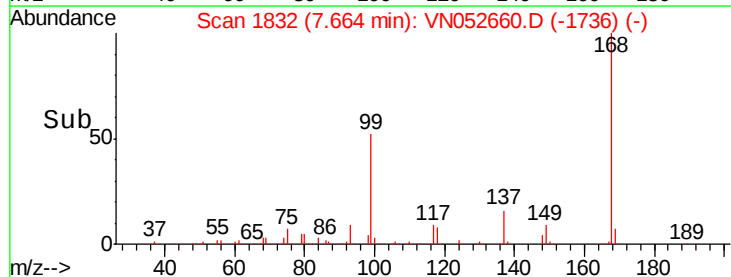
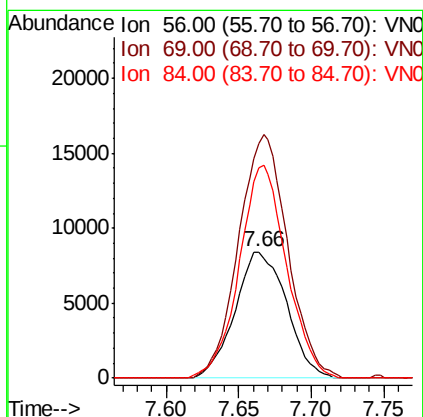
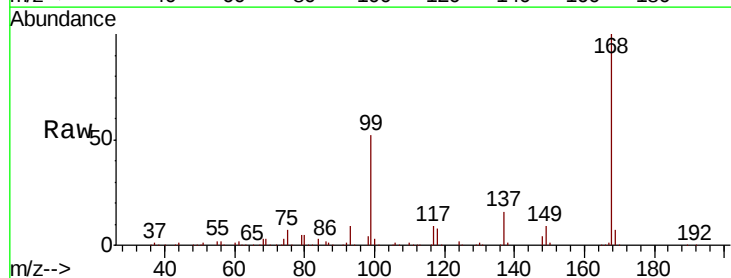
Instrument :
MSVOA_N
ClientSampleId :
HD-02-120318

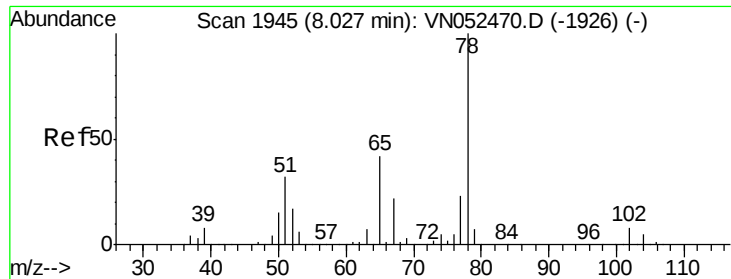
Tot Ion: 42 Resp: 1615
Ion Ratio Lower Upper
42 100
72 10.1 33.3 49.9#
71 8.9 32.0 48.0#



#31
Cyclohexane
Concen: 0.579 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN052660.D
Acq: 4 Dec 2018 17:47

Tgt Ion: 56 Resp: 20742
Ion Ratio Lower Upper
56 100
69 186.5 25.8 38.6#
84 167.1 65.3 97.9#

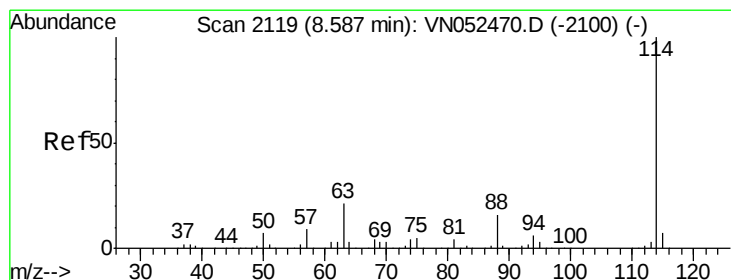
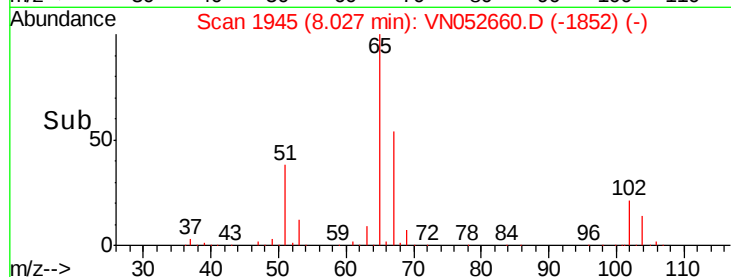
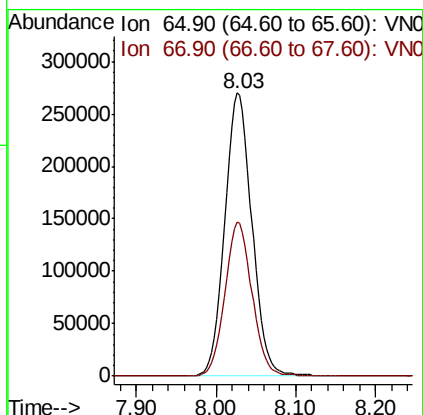
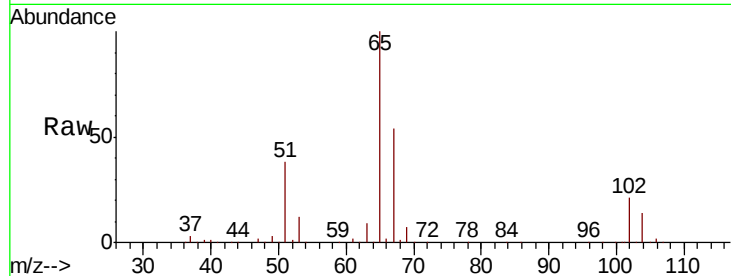




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052660.D
 Acq: 4 Dec 2018 17:47

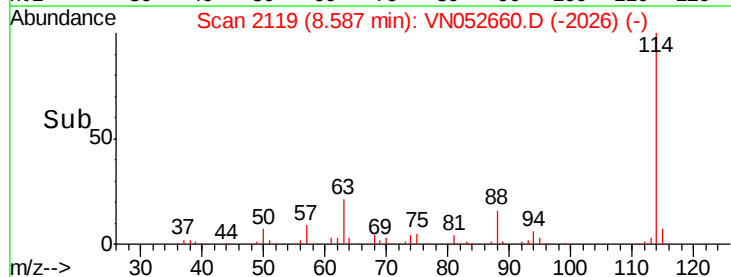
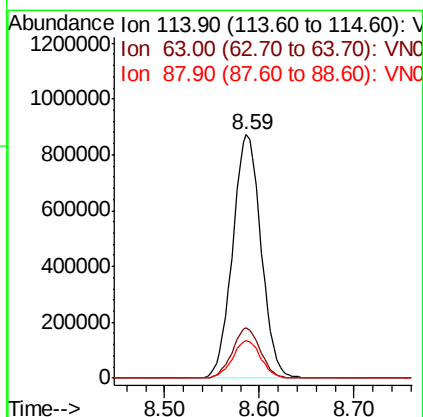
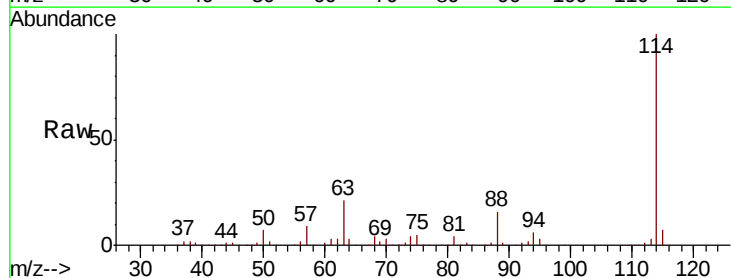
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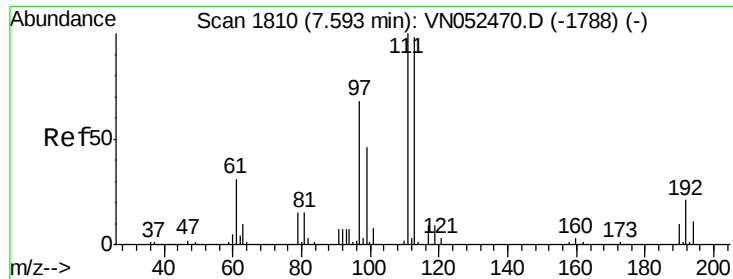
Tot Ion: 65 Resp: 625864
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052660.D
 Acq: 4 Dec 2018 17:47

Tgt Ion: 114 Resp: 1819219
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.8
 88 15.5 0.0 31.6

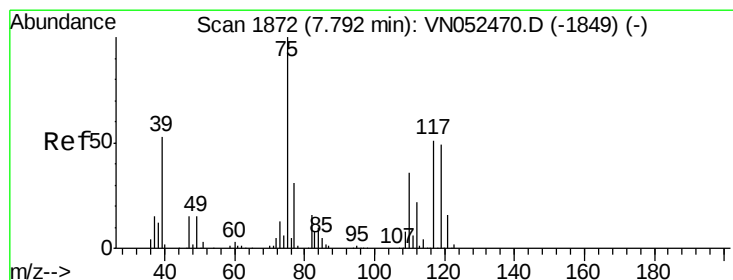
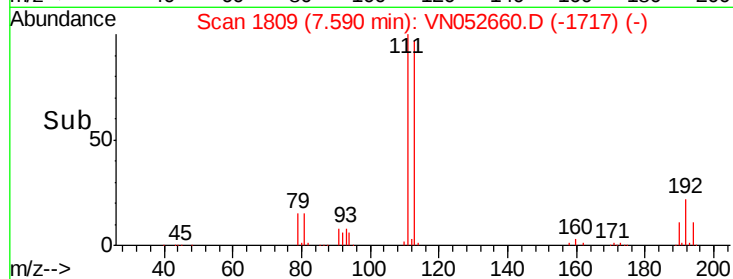
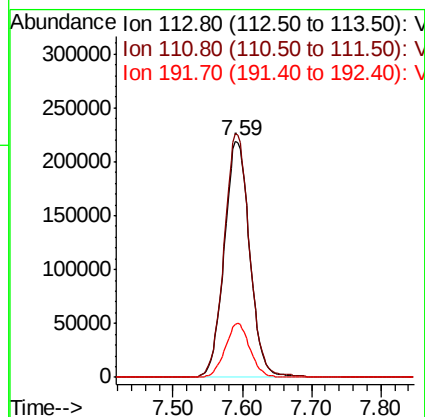
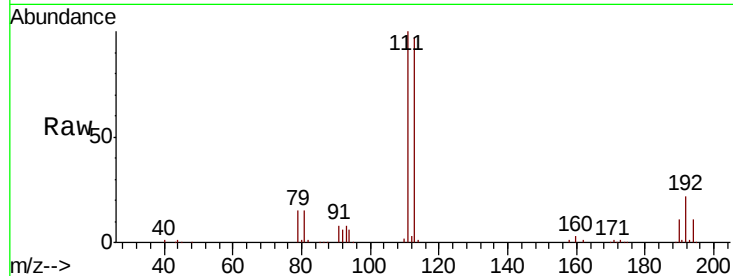




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052660.D
 Acq: 4 Dec 2018 17:47

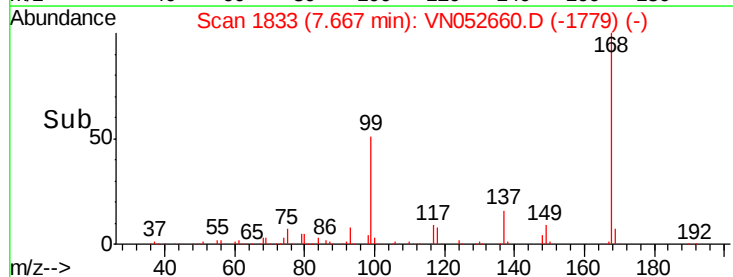
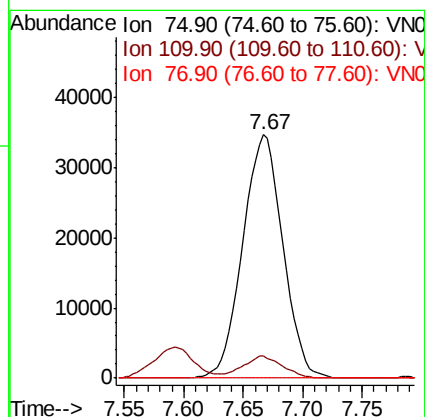
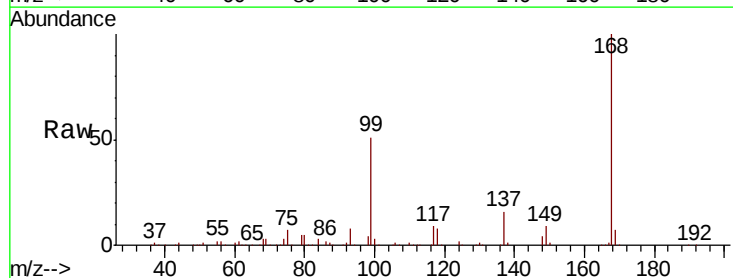
Instrument :
 MSVOA_N
 ClientSampleId :
 HD-02-120318

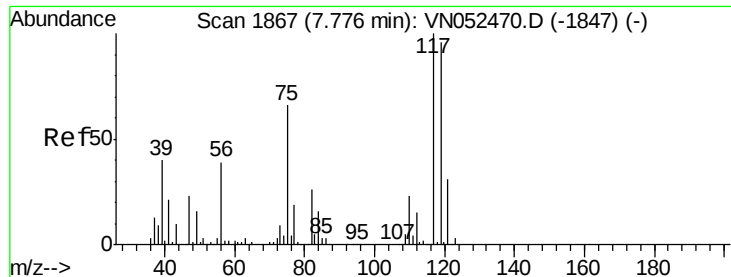
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.0	123.0
192	22.2	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 4.714 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN052660.D
 Acq: 4 Dec 2018 17:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.5	52.6#
77	0.0	24.5	36.7#





#38

Carbon Tetrachloride

Concen: 6.688 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052660.D

Acq: 4 Dec 2018 17:47

Instrument :

MSVOA_N

ClientSampleId :

HD-02-120318

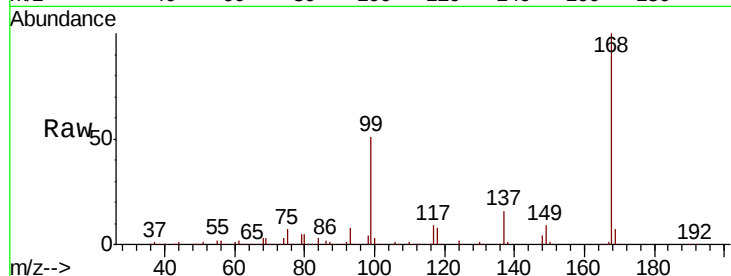
Tot Ion:117 Resp: 104018

Ion Ratio Lower Upper

117 100

119 4.9 76.8 115.2#

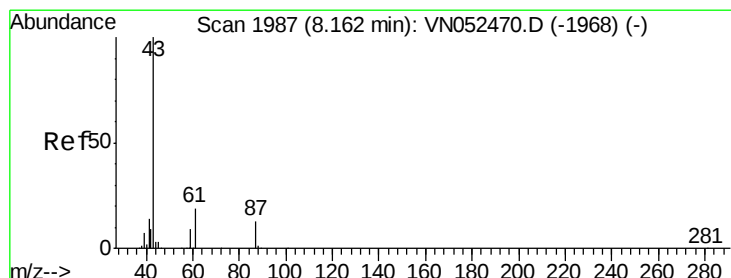
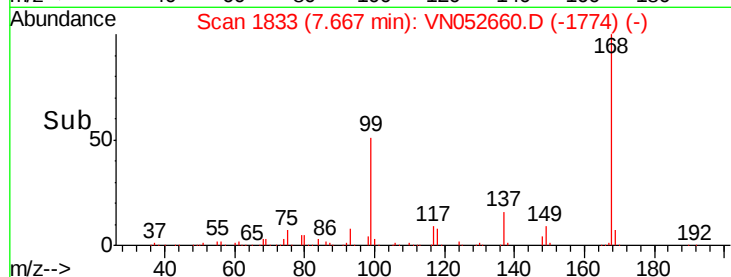
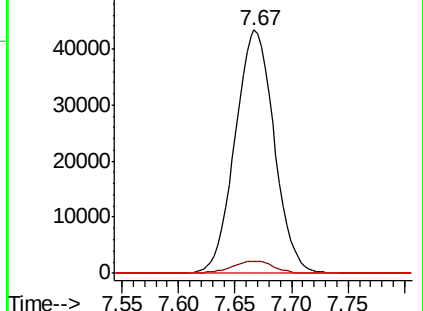
121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 3.252 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052660.D

Acq: 4 Dec 2018 17:47

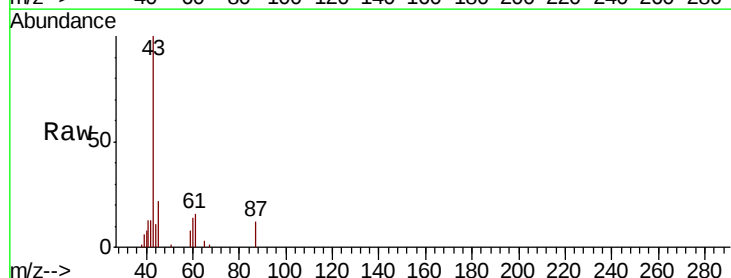
Tgt Ion: 43 Resp: 57694

Ion Ratio Lower Upper

43 100

61 13.8 24.1 36.1#

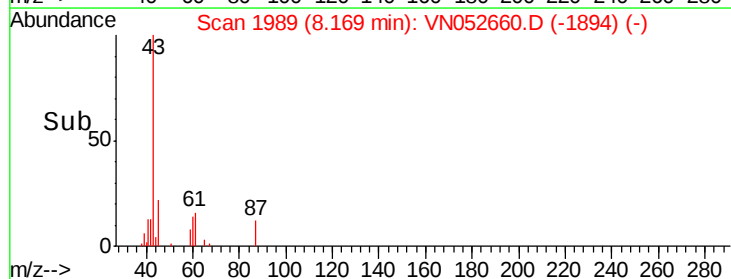
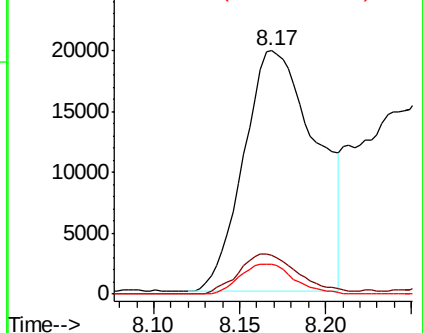
87 9.3 10.6 15.8#

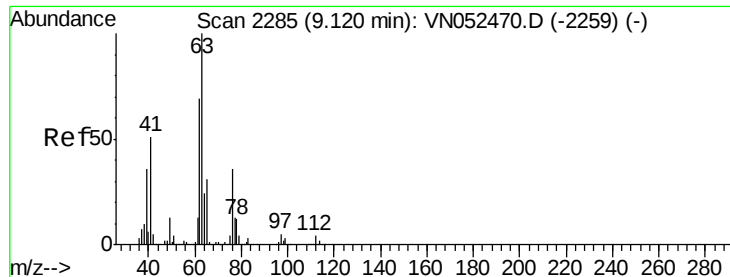


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.206 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN052660.D

Acq: 4 Dec 2018 17:47

Instrument :

MSVOA_N

ClientSampleId :

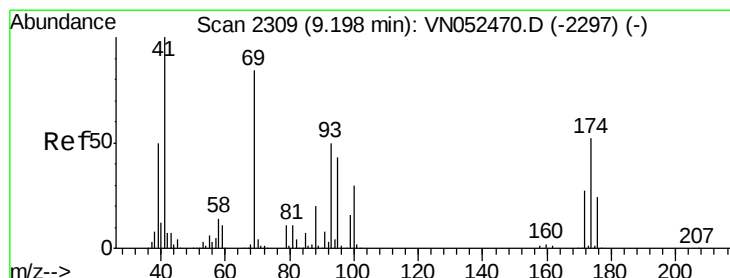
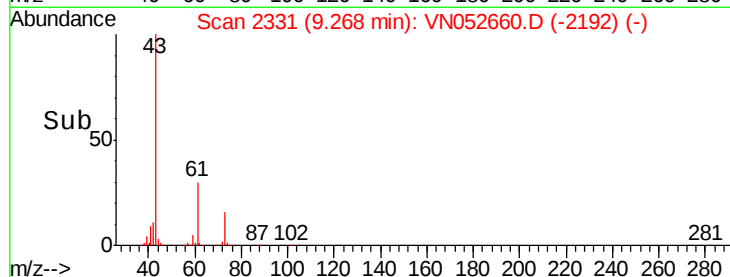
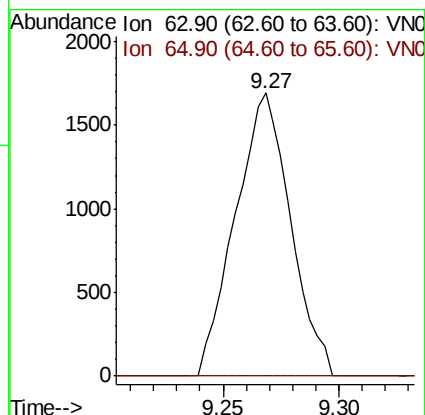
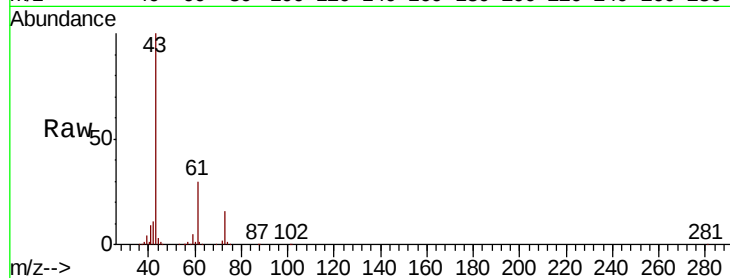
HD-02-120318

Tot Ion: 63 Resp: 2804

Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.6#



#48

Methyl methacrylate

Concen: 1.423 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN052660.D

Acq: 4 Dec 2018 17:47

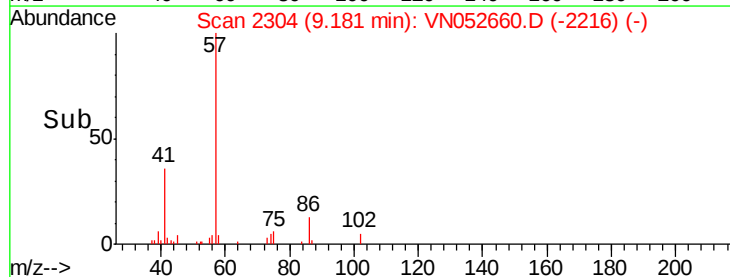
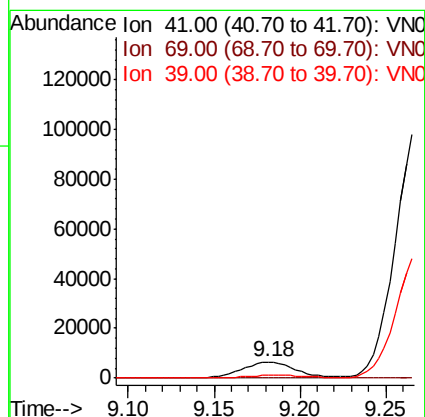
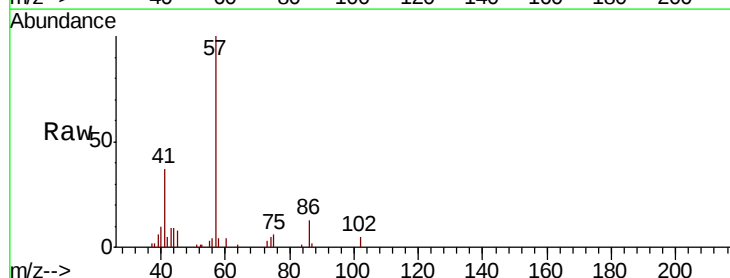
Tgt Ion: 41 Resp: 13169

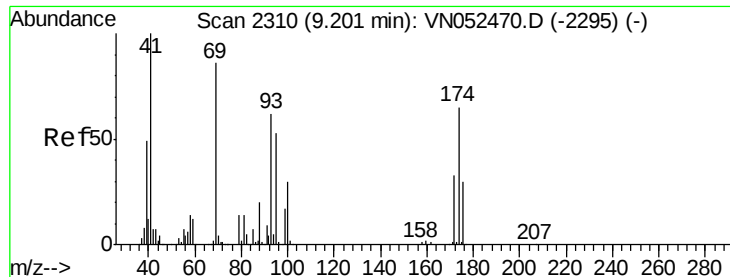
Ion Ratio Lower Upper

41 100

69 0.0 70.0 105.0#

39 21.3 42.6 64.0#





#49

1,4-Dioxane

Concen: 2.843 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.07 min

Lab File: VN052660.D

Acq: 4 Dec 2018 17:47

Instrument :

MSVOA_N

ClientSampled :

HD-02-120318

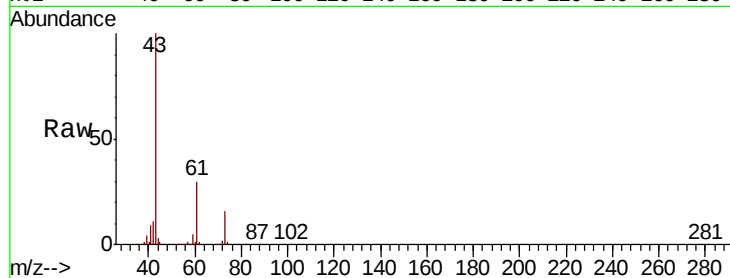
Tot Ion: 88 Resp: 273

Ion Ratio Lower Upper

88 100

43 774549.1 26.4 39.6#

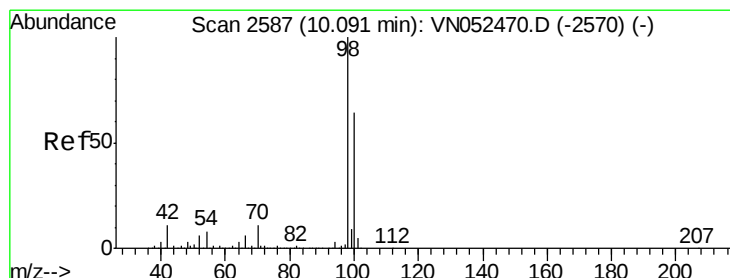
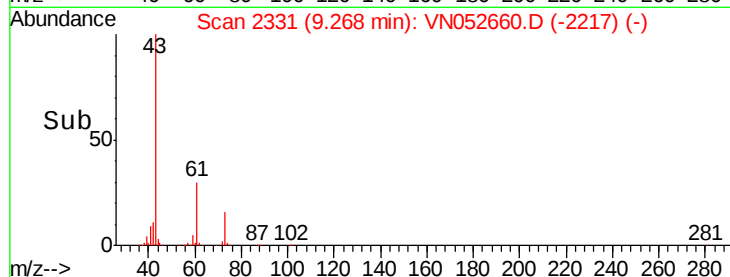
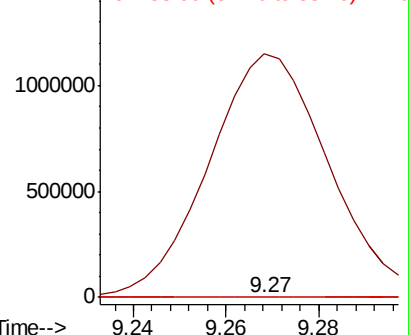
58 3698.2 55.4 83.0#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 2.843 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052660.D

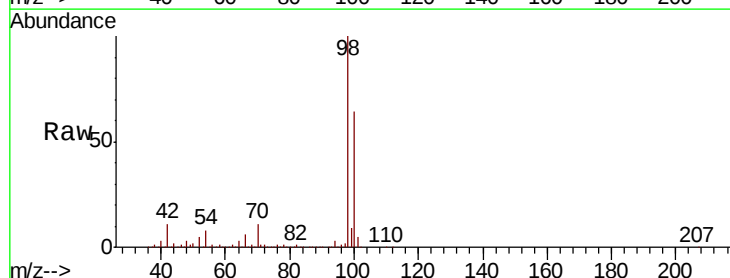
Acq: 4 Dec 2018 17:47

Tgt Ion: 98 Resp: 2224311

Ion Ratio Lower Upper

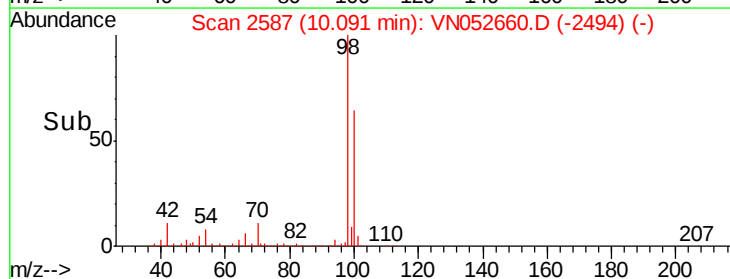
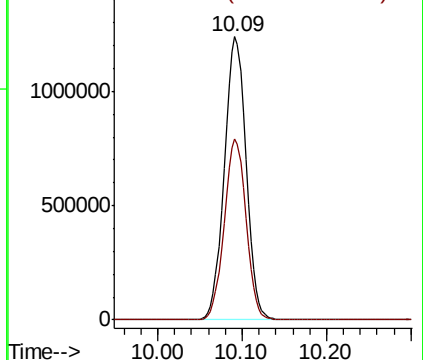
98 100

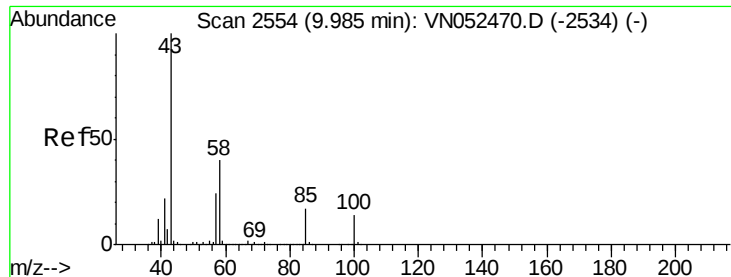
100 63.8 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.619 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN052660.D

Acq: 4 Dec 2018 17:47

Instrument :

MSVOA_N

ClientSampleId :

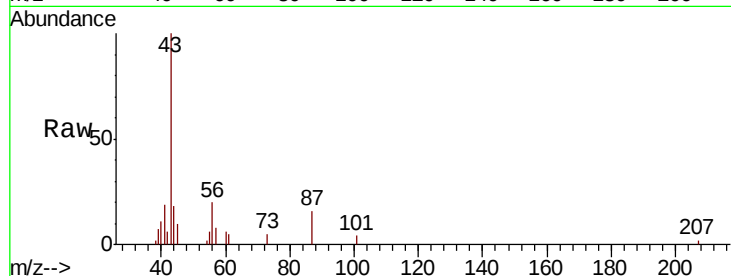
HD-02-120318

Tot Ion: 43 Resp: 16121

Ion Ratio Lower Upper

43 100

58 0.0 31.5 47.3#

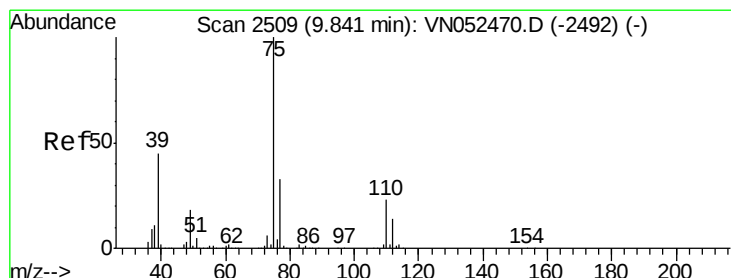
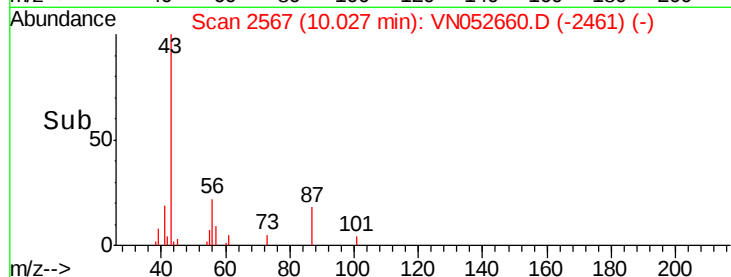


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.03

Time-->



#54

cis-1,3-Dichloropropene

Concen: 5.898 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN052660.D

Acq: 4 Dec 2018 17:47

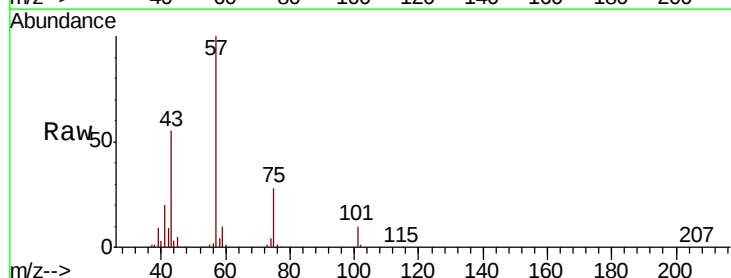
Tgt Ion: 75 Resp: 111397

Ion Ratio Lower Upper

75 100

77 0.6 26.2 39.2#

39 31.3 36.0 54.0#



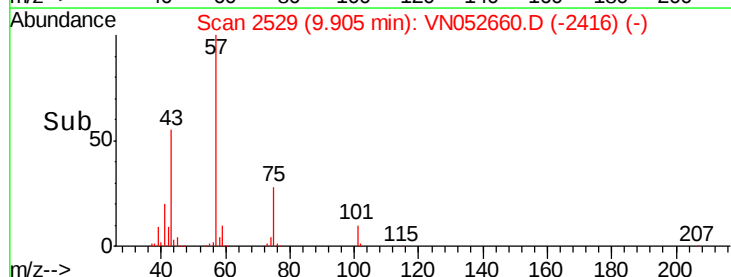
Abundance Ion 74.90 (74.60 to 75.60): VN0

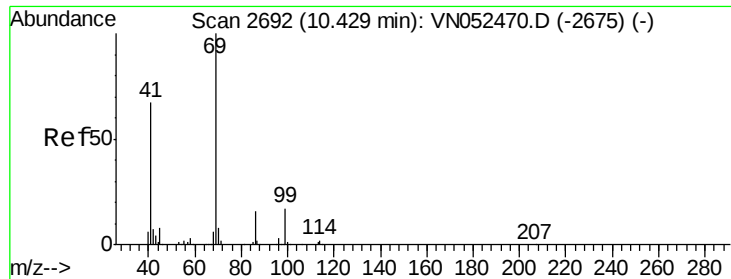
Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.90

Time-->





#56

Ethyl methacrylate

Concen: 2.802 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. 0.12 min

Lab File: VN052660.D

Acq: 4 Dec 2018 17:47

Instrument :

MSVOA_N

ClientSampleId :

HD-02-120318

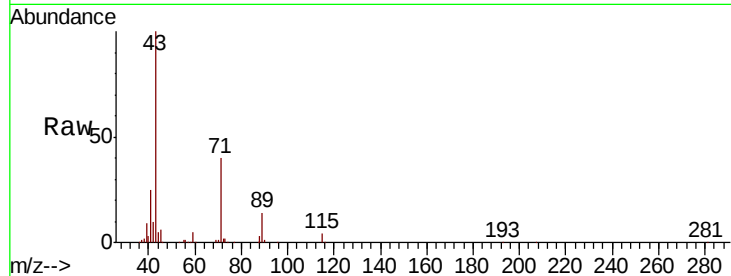
Tot Ion: 69 Resp: 1708

Ion Ratio Lower Upper

69 100

41 4965.6 52.6 79.0#

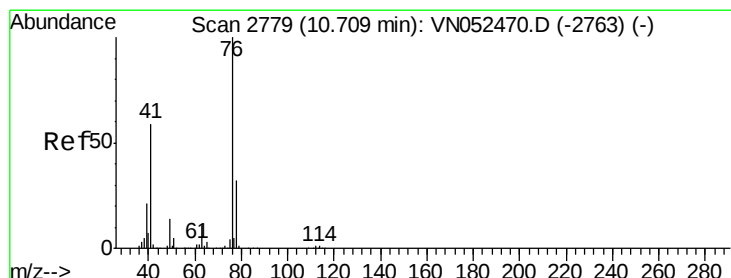
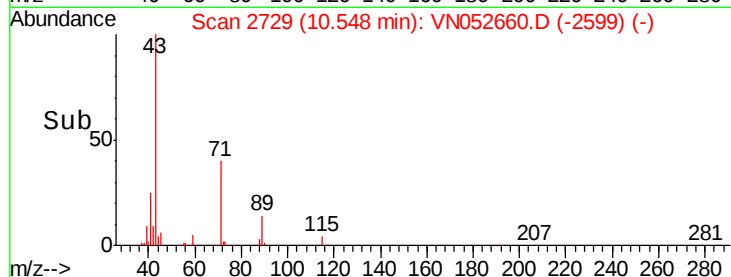
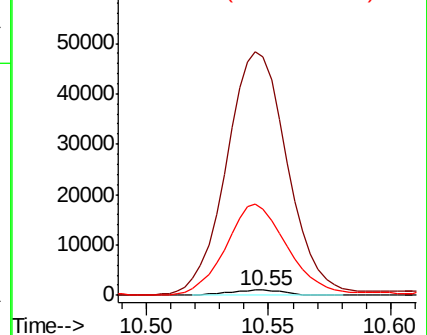
39 1903.0 25.9 38.9#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.075 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.05 min

Lab File: VN052660.D

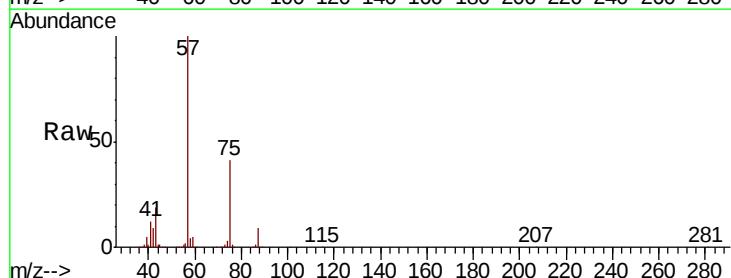
Acq: 4 Dec 2018 17:47

Tgt Ion: 76 Resp: 20305

Ion Ratio Lower Upper

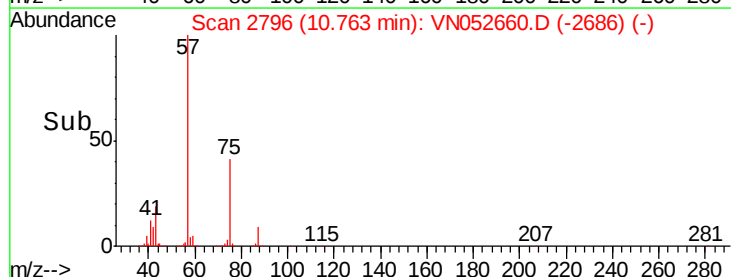
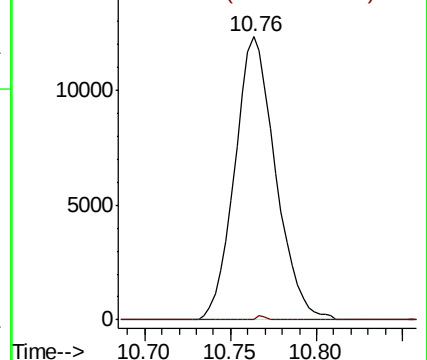
76 100

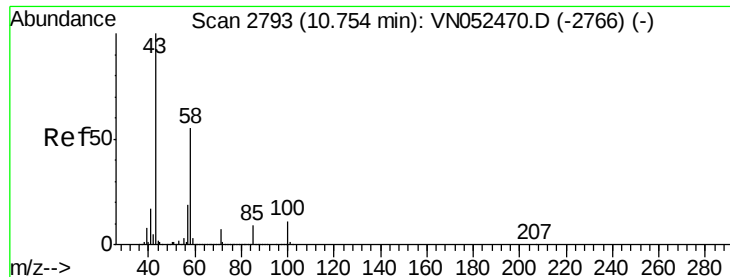
78 0.3 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0





#59

2-Hexanone

Concen: 41.869 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN052660.D

Acq: 4 Dec 2018 17:47

Instrument :

MSVOA_N

ClientSampleId :

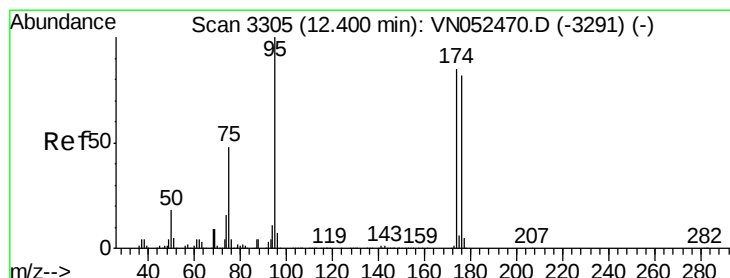
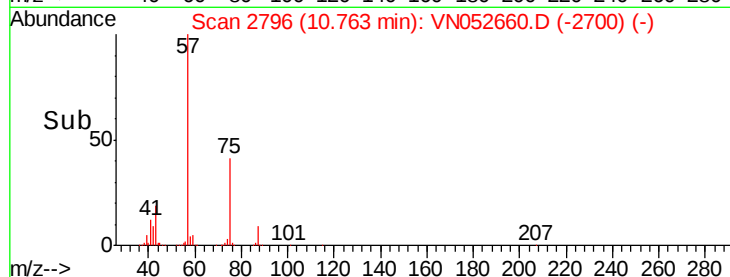
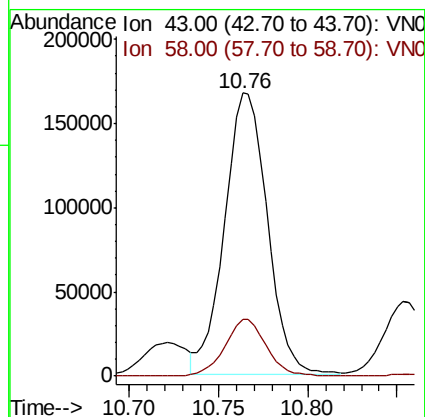
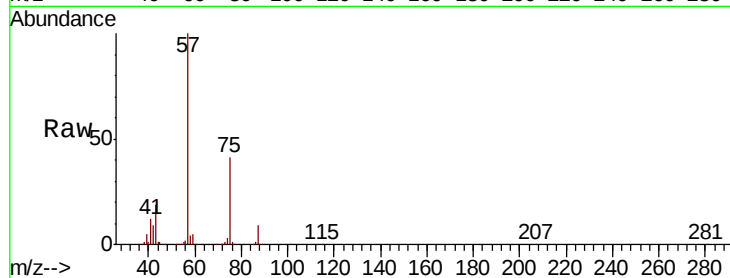
HD-02-120318

Tot Ion: 43 Resp: 279741

Ion Ratio Lower Upper

43 100

58 19.7 27.4 82.0#



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052660.D

Acq: 4 Dec 2018 17:47

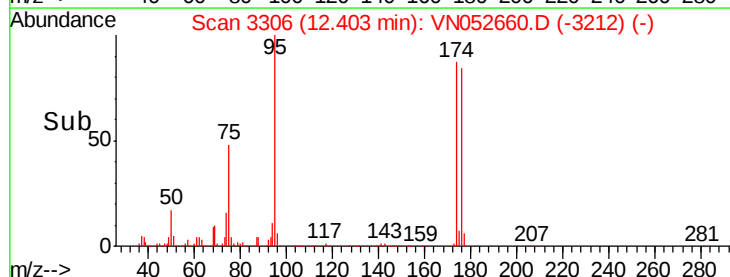
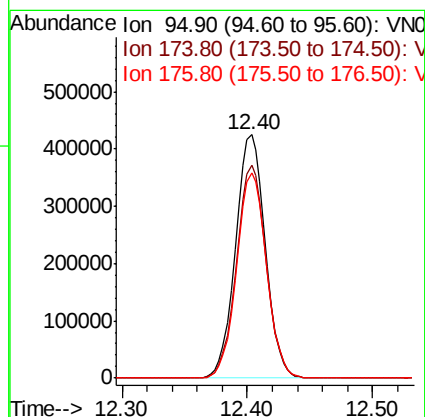
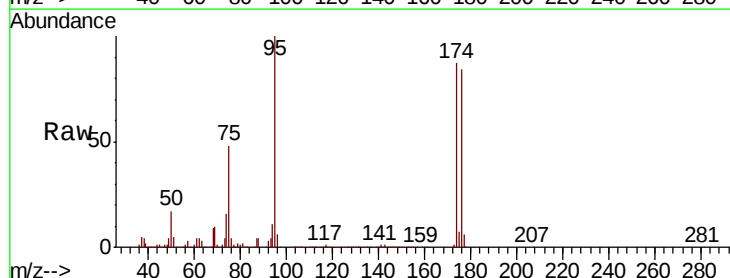
Tgt Ion: 95 Resp: 697428

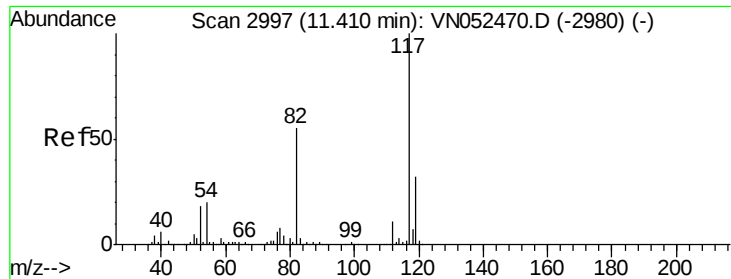
Ion Ratio Lower Upper

95 100

174 87.5 0.0 173.0

176 84.7 0.0 166.2

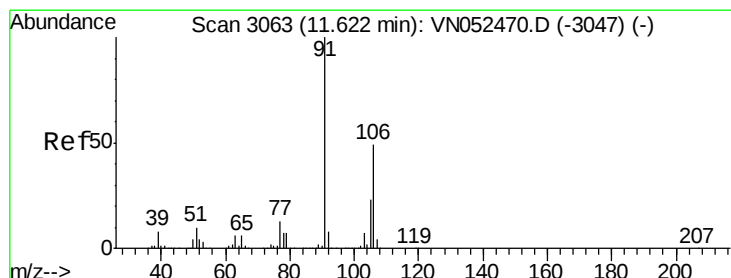
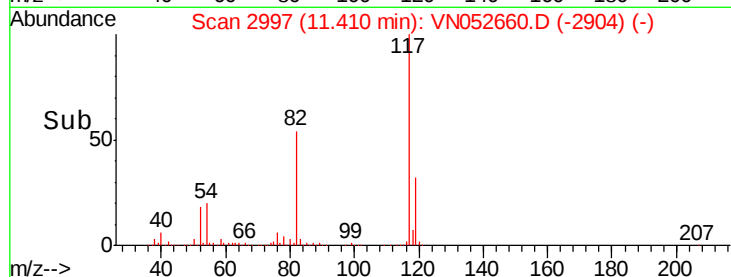
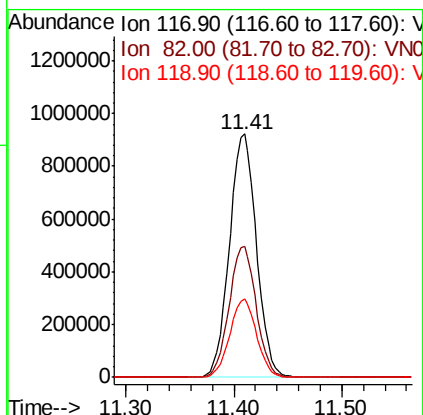
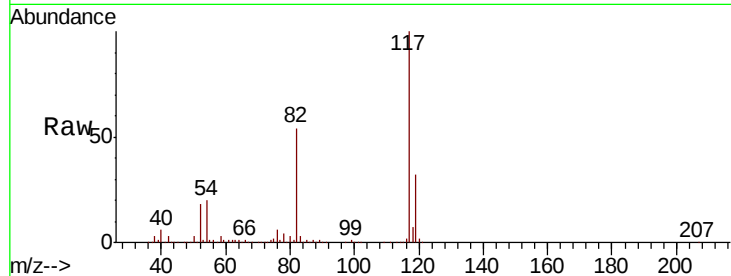




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052660.D
Acq: 4 Dec 2018 17:47

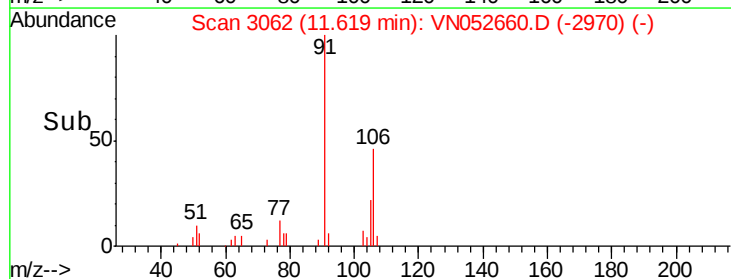
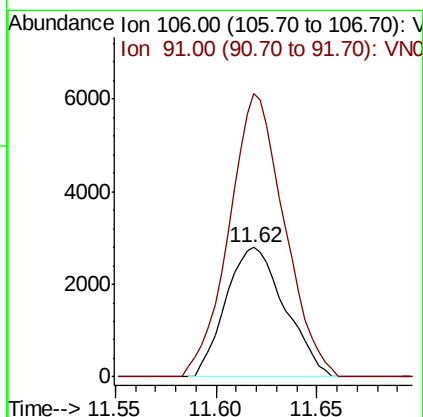
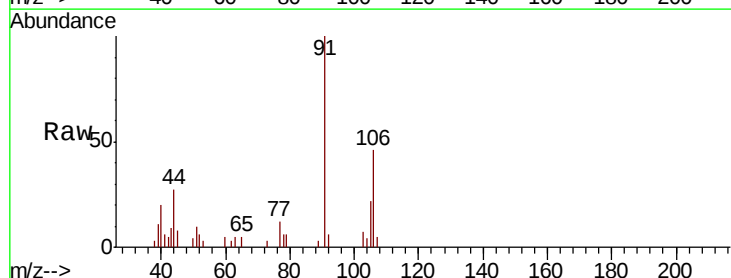
Instrument :
MSVOA_N
ClientSampleId :
HD-02-120318

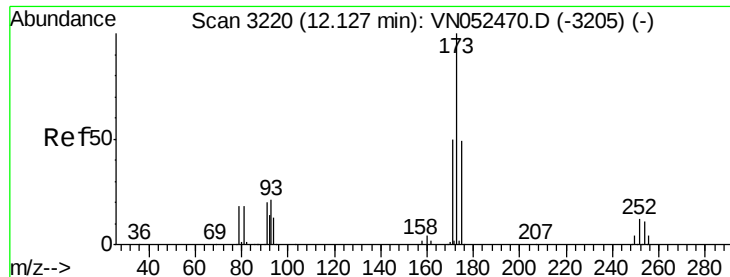
Tot Ion:117 Resp: 1602609
Ion Ratio Lower Upper
117 100
82 53.7 43.6 65.4
119 32.1 25.4 38.2



#68
m/p-Xylenes
Concen: 0.265 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052660.D
Acq: 4 Dec 2018 17:47

Tgt Ion:106 Resp: 5704
Ion Ratio Lower Upper
106 100
91 205.3 163.2 244.8

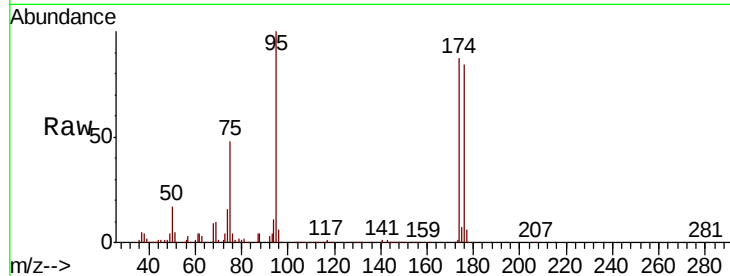




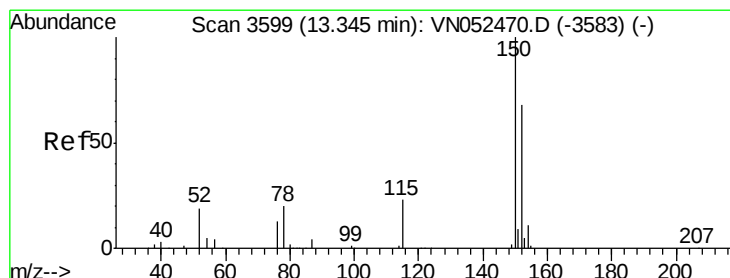
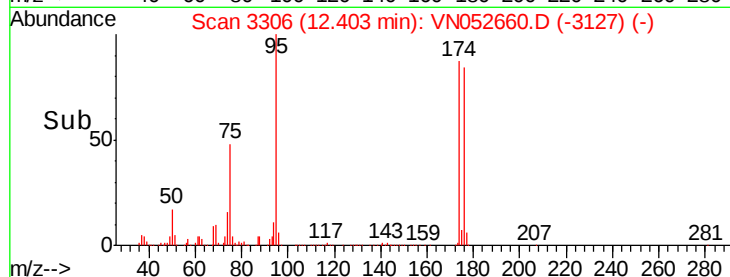
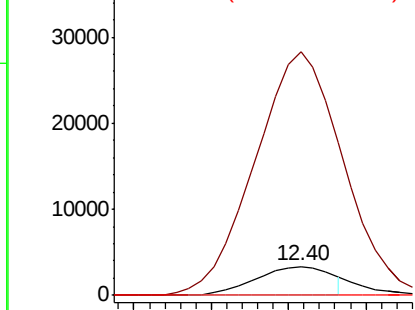
#71
Bromoform
Concen: 0.594 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN052660.D
Acq: 4 Dec 2018 17:47

Instrument :
MSVOA_N
ClientSampleId :
HD-02-120318

Tot Ion:173 Resp: 4517
Ion Ratio Lower Upper
173 100
175 855.7 24.4 73.2#
254 0.0 0.1 0.1#

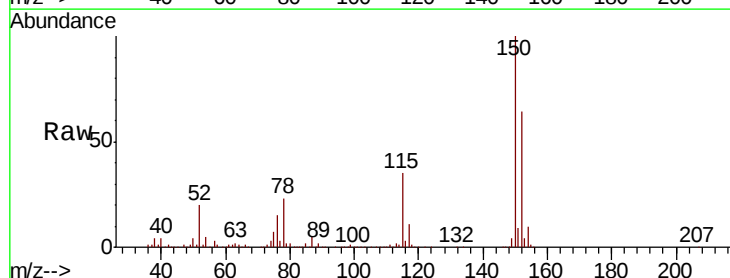


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

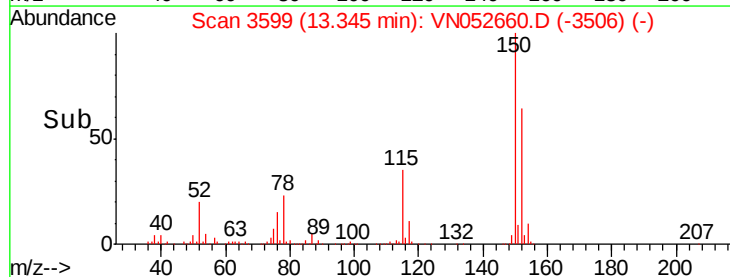
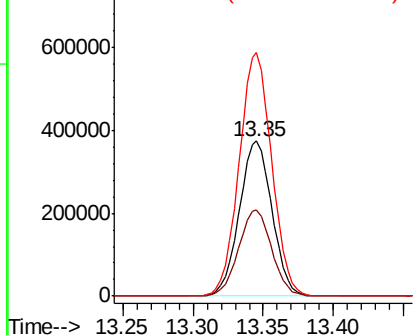


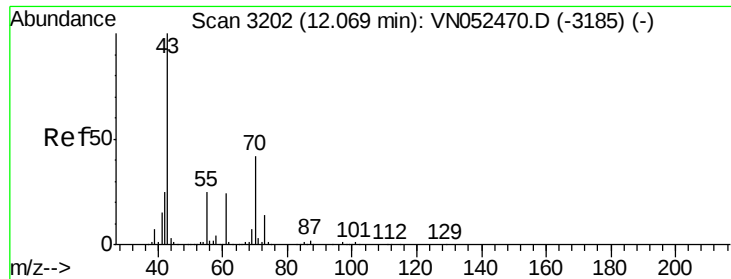
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN052660.D
Acq: 4 Dec 2018 17:47

Tgt Ion:152 Resp: 608792
Ion Ratio Lower Upper
152 100
115 56.3 28.4 85.2
150 156.7 0.0 346.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 2.274 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN052660.D

Acq: 4 Dec 2018 17:47

Instrument :

MSVOA_N

ClientSampled :

HD-02-120318

Tot Ion: 43 Resp: 27445

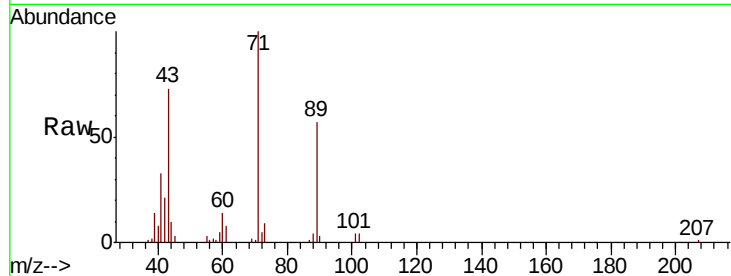
Ion Ratio Lower Upper

43 100

70 2.0 33.8 50.8#

55 4.9 20.0 30.0#

61 11.1 19.7 29.5#

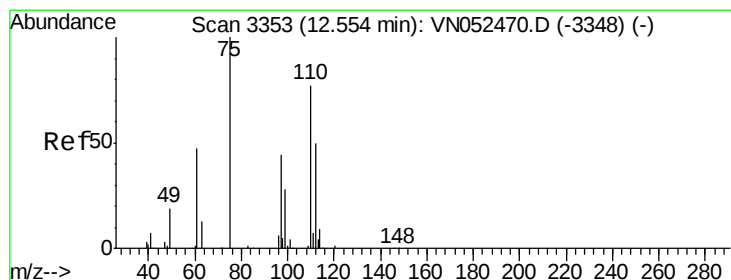
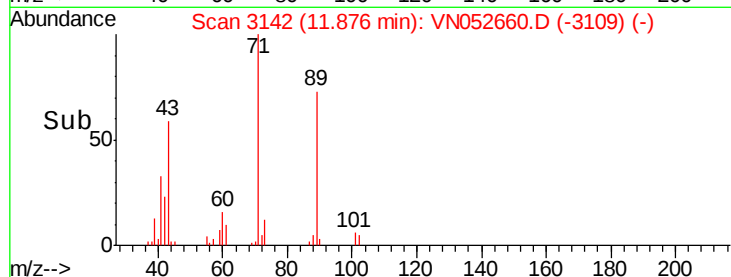
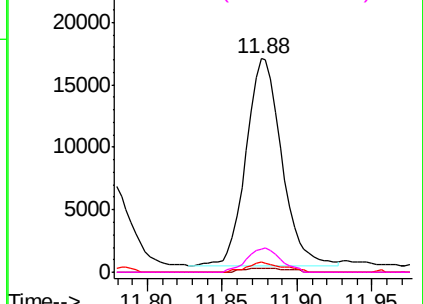


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#76

1,2,3-Trichloropropane

Concen: 35.476 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN052660.D

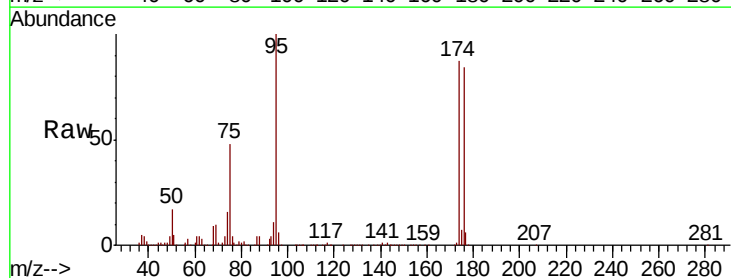
Acq: 4 Dec 2018 17:47

Tgt Ion: 75 Resp: 333047

Ion Ratio Lower Upper

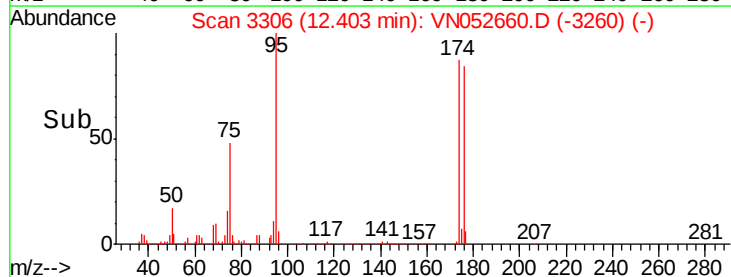
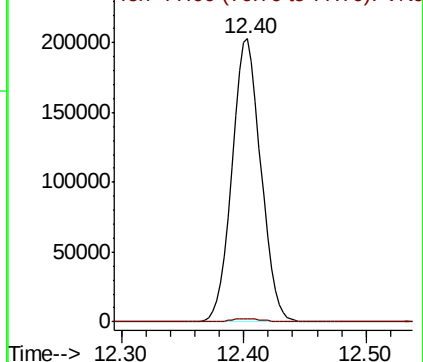
75 100

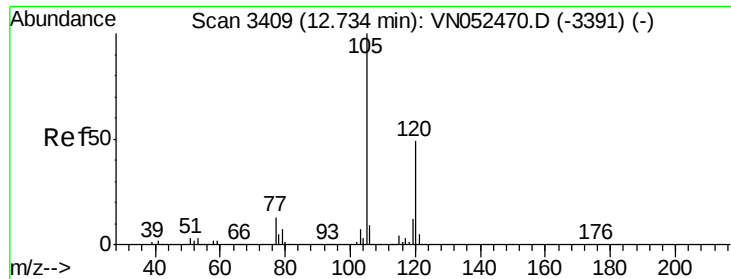
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

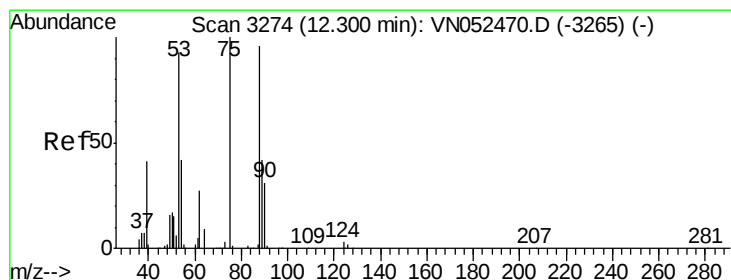
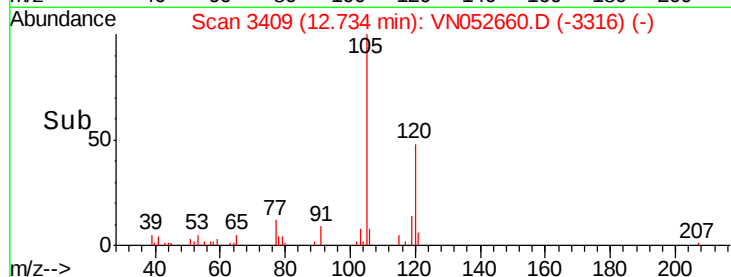
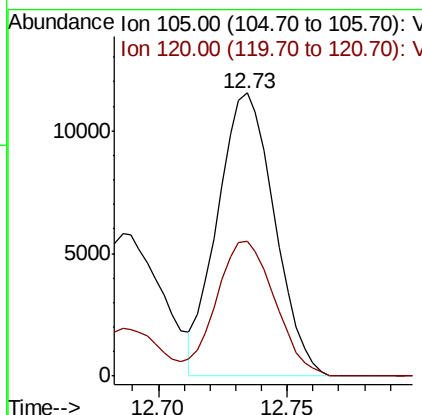
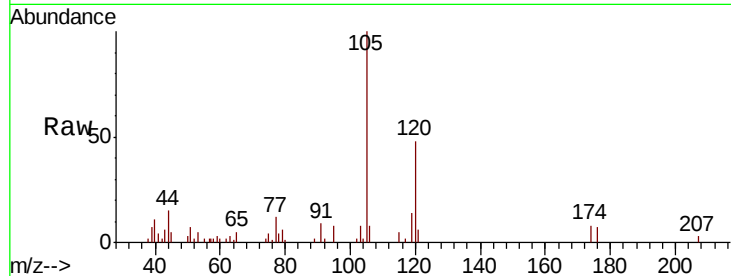




#80
 1,3,5-Trimethylbenzene
 Concen: 0.467 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. -0.00 min
 Lab File: VN052660.D
 Acq: 4 Dec 2018 17:47

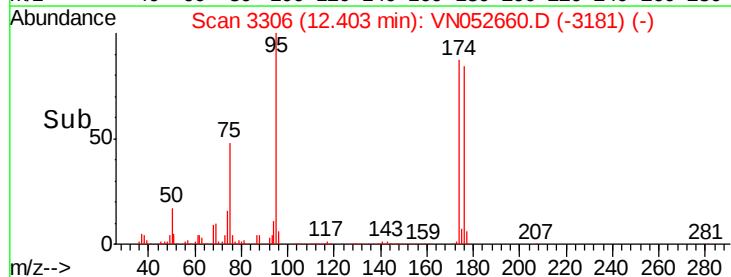
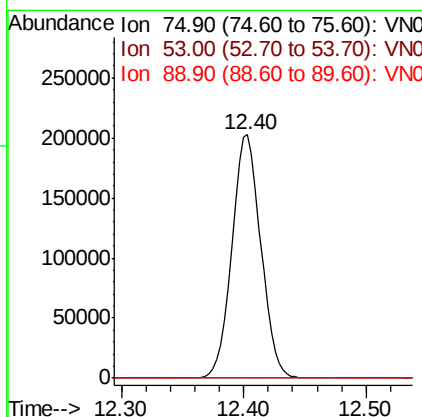
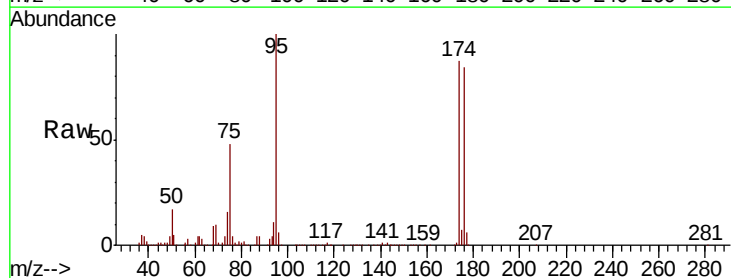
Instrument :
 MSVOA_N
 ClientSampled :
 HD-02-120318

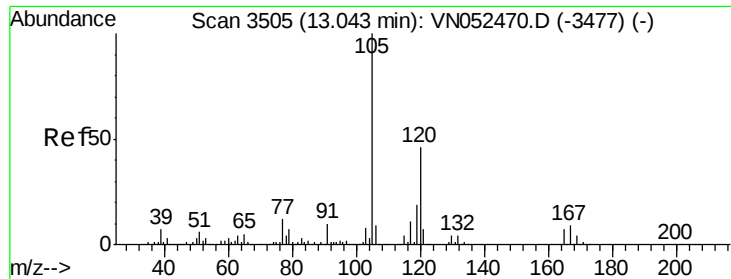
Tot Ion:105 Resp: 17792
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.3 73.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.474 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN052660.D
 Acq: 4 Dec 2018 17:47

Tgt Ion: 75 Resp: 333047
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.4 116.0#
 89 0.0 35.4 53.2#

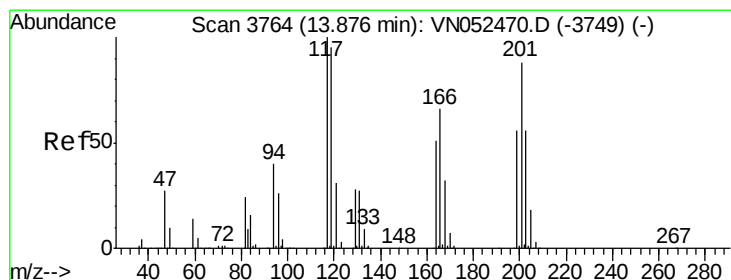
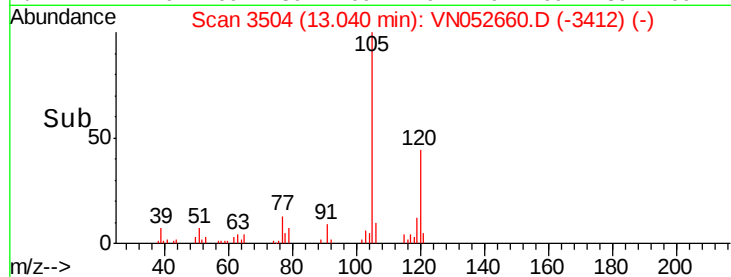
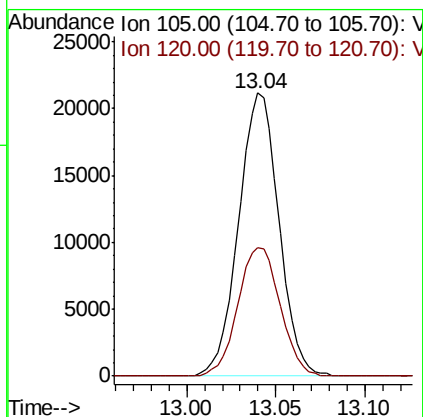
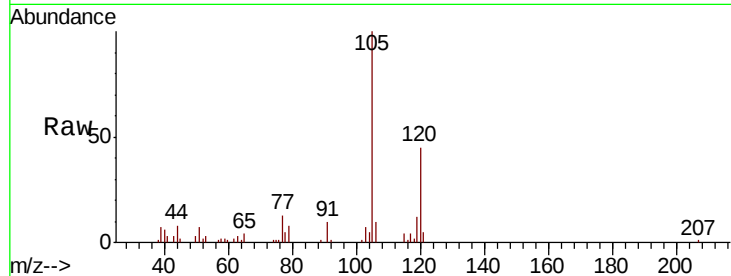




#84
 1,2,4-Trimethylbenzene
 Concen: 0.875 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052660.D
 Acq: 4 Dec 2018 17:47

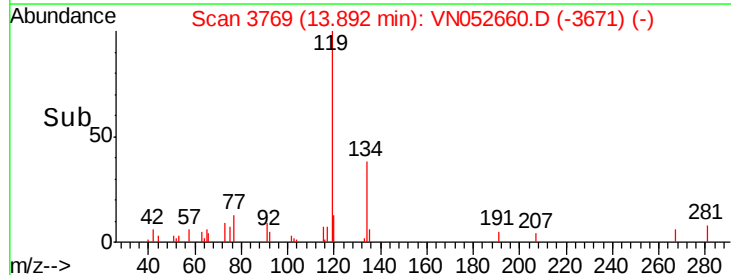
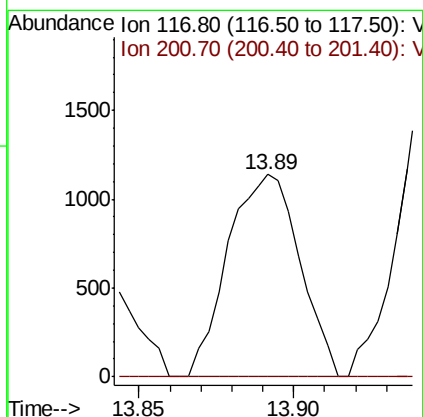
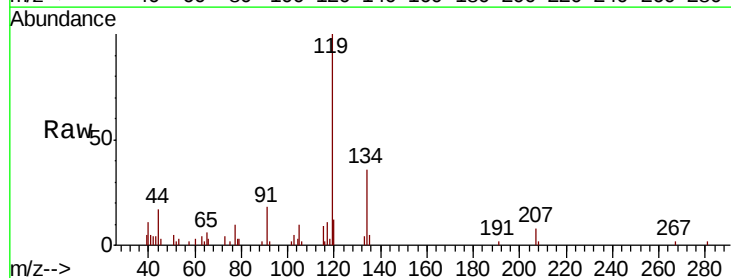
Instrument :
 MSVOA_N
 ClientSampleId :
 HD-02-120318

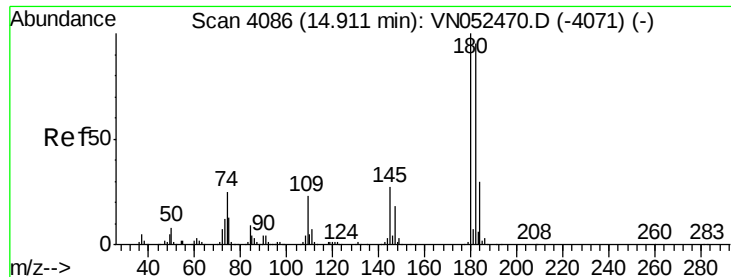
Tot Ion:105 Resp: 33412
 Ion Ratio Lower Upper
 105 100
 120 47.6 22.8 68.4



#90
 Hexachloroethane
 Concen: 0.276 ug/l
 RT: 13.89 min Scan# 3769
 Delta R.T. 0.02 min
 Lab File: VN052660.D
 Acq: 4 Dec 2018 17:47

Tgt Ion:117 Resp: 1839
 Ion Ratio Lower Upper
 117 100
 201 0.0 43.6 130.9#

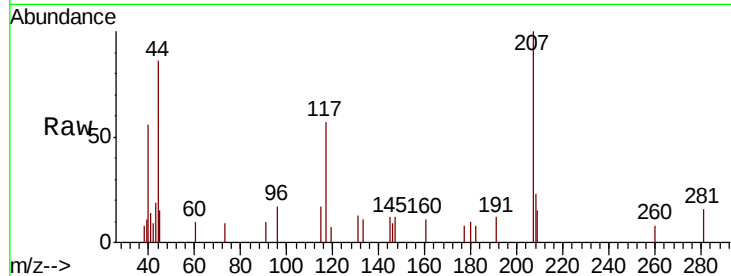




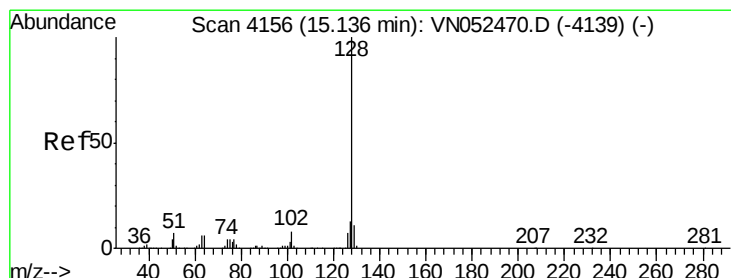
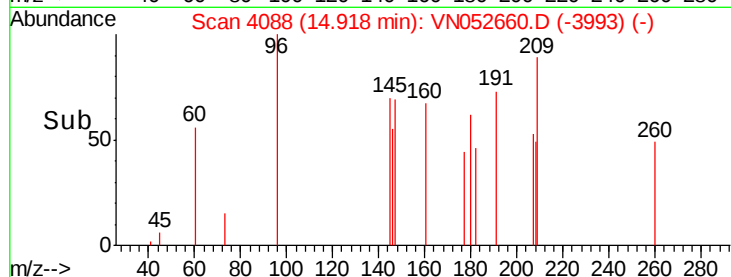
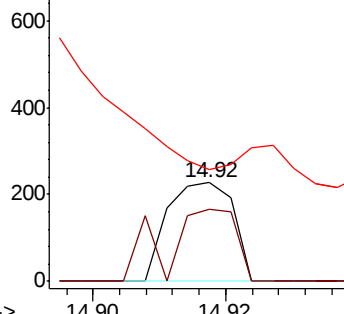
#93
 1,2,4-Trichlorobenzene
 Concen: 2.843 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.01 min
 Lab File: VN052660.D
 Acq: 4 Dec 2018 17:47

Instrument :
 MSVOA_N
 ClientSampled :
 HD-02-120318

Tot Ion:180 Resp: 156
 Ion Ratio Lower Upper
 180 100
 182 77.6 47.8 143.4
 145 0.0 14.1 42.3#

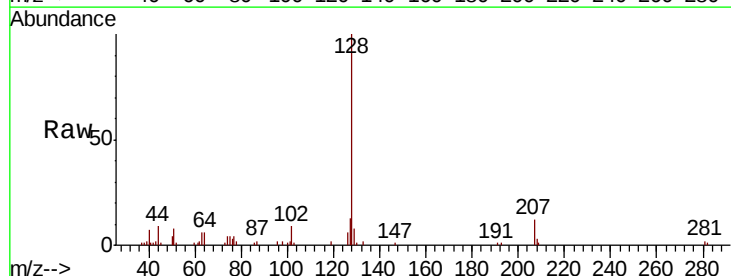


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

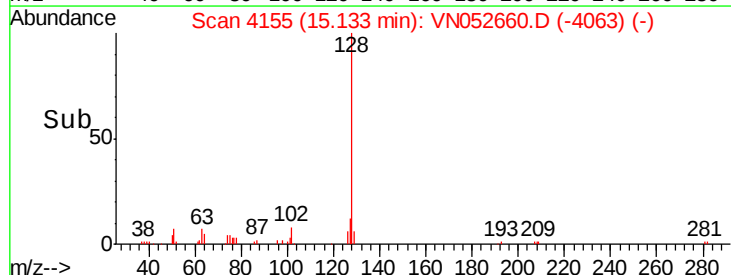
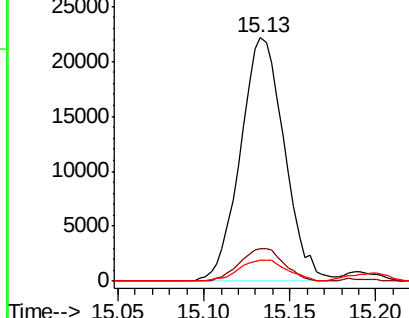


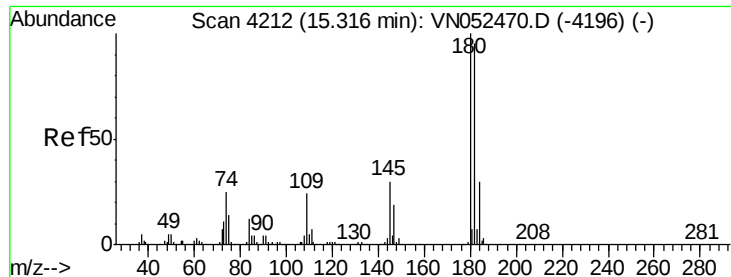
#95
 Naphthalene
 Concen: 5.025 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN052660.D
 Acq: 4 Dec 2018 17:47

Tgt Ion:128 Resp: 39279
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.2 15.2
 129 9.4 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 2.734 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. -0.00 min
 Lab File: VN052660.D
 Acq: 4 Dec 2018 17:47

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-02-120318

Tot Ion	Ratio	Lower	Upper
180	100		
182	127.3	47.8	143.3
145	228.6	15.2	45.5

