

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032819\
 Data File : VN054736.D
 Acq On : 28 Mar 2019 11:35
 Operator : JC/SP
 Sample : PB118320TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB118320TB

Quant Time: Mar 29 05:01:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	566272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	890907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	751664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	277655	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	357173	50.71	ug/l	0.00
Spiked Amount			Recovery	=	101.42%	
35) Dibromofluoromethane	7.59	113	281304	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	
50) Toluene-d8	10.09	98	1068461	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.40	95	330476	45.01	ug/l	0.00
Spiked Amount			Recovery	=	90.02%	

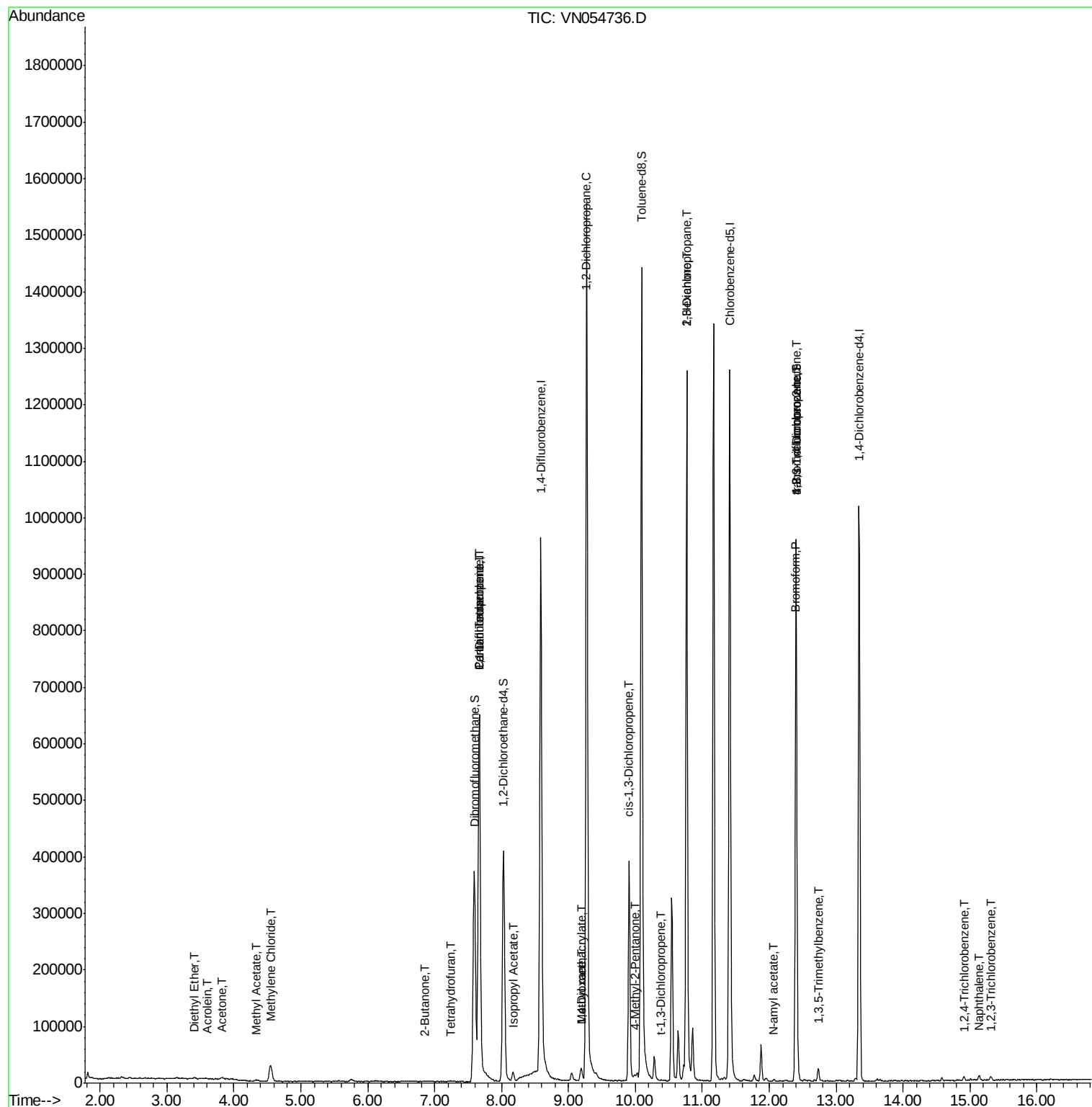
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.42	74	1094	0.317	ug/l #	43
13) Acrolein	3.60	56	582	0.989	ug/l #	73
16) Acetone	3.82	43	5777	2.728	ug/l #	74
18) Methyl Acetate	4.33	43	1497	0.317	ug/l	94
20) Methylene Chloride	4.54	84	19876	3.184	ug/l #	79
25) 2-Butanone	6.86	43	1876	0.692	ug/l #	46
29) Tetrahydrofuran	7.25	42	1497	0.850	ug/l #	47
31) Cyclohexane	7.66	56	12251	Below Cal	#	27
36) 1,1-Dichloropropene	7.67	75	41385	4.968	ug/l #	47
38) Carbon Tetrachloride	7.67	117	50115	6.191	ug/l #	16
43) Isopropyl Acetate	8.17	43	18670	1.866	ug/l #	94
45) 1,2-Dichloropropane	9.27	63	1953	0.305	ug/l #	43
48) Methyl methacrylate	9.18	41	8271	1.523	ug/l #	28
49) 1,4-Dioxane	9.20	88	29	0.478	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	8321	1.501	ug/l #	80
53) t-1,3-Dichloropropene	10.38	75	172	2.252	ug/l #	1
54) cis-1,3-Dichloropropene	9.90	75	64973	7.155	ug/l #	72
57) 1,3-Dichloropropane	10.76	76	12310	1.345	ug/l #	43
59) 2-Hexanone	10.77	43	212681	58.717	ug/l #	49
71) Bromoform	12.38	173	186	2.267	ug/l #	28
74) N-amyl acetate	12.08	43	1502	0.233	ug/l #	86
76) 1,2,3-Trichloropropane	12.40	75	171980	39.033	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	12501	0.682	ug/l	89
81) trans-1,4-Dichloro-2-buten	12.40	75	171980	129.198	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.91	180	2025	0.456	ug/l	88
94) Hexachlorobutadiene	15.01	225	616	Below Cal		81
95) Naphthalene	15.13	128	7747	0.782	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	2860	0.647	ug/l	90

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

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QLast Update : Fri Mar 22 02:09:07 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054736.D

Acq: 28 Mar 2019 11:35

Instrument :

MSVOA_N

ClientSampleId :

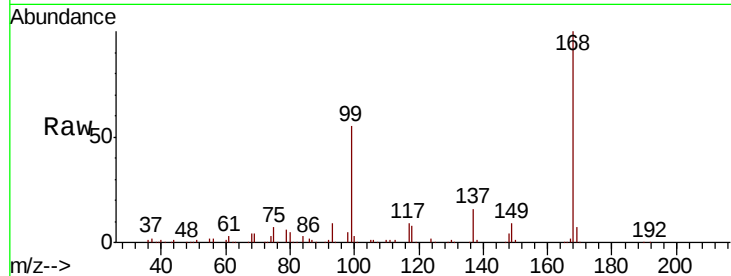
PB118320TB

Tot Ion:168 Resp: 566272

Ion Ratio Lower Upper

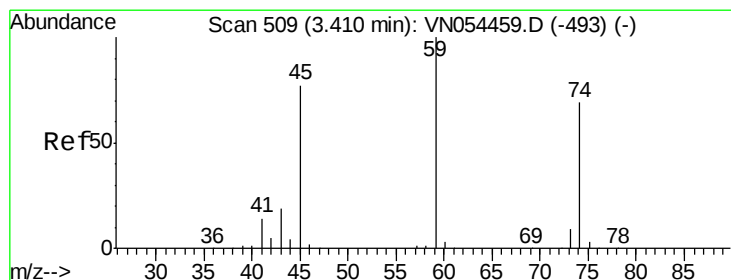
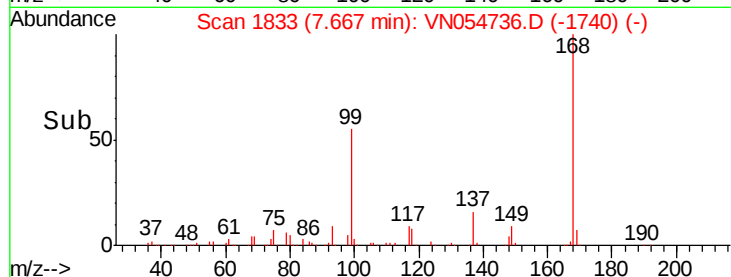
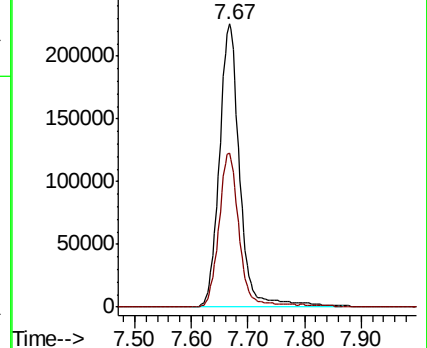
168 100

99 54.5 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#8

Diethyl Ether

Concen: 0.317 ug/l

RT: 3.42 min Scan# 511

Delta R.T. 0.01 min

Lab File: VN054736.D

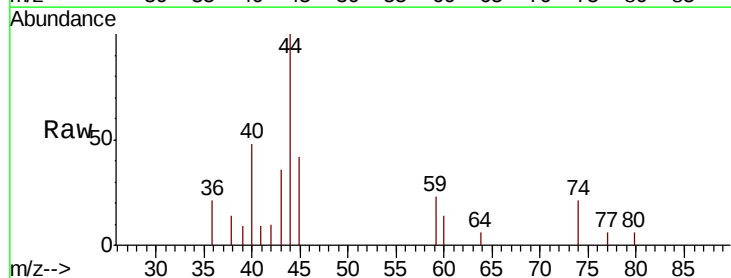
Acq: 28 Mar 2019 11:35

Tgt Ion: 74 Resp: 1094

Ion Ratio Lower Upper

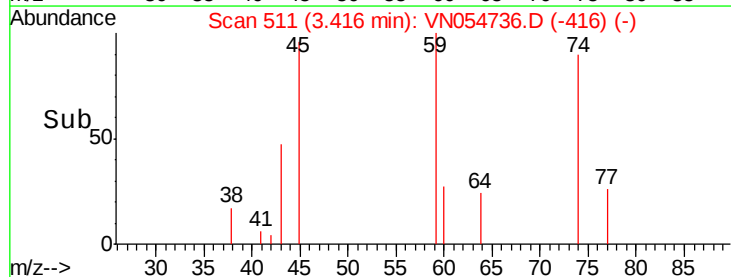
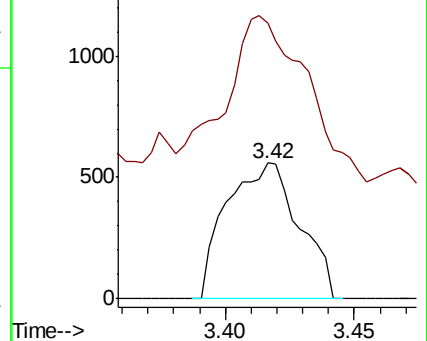
74 100

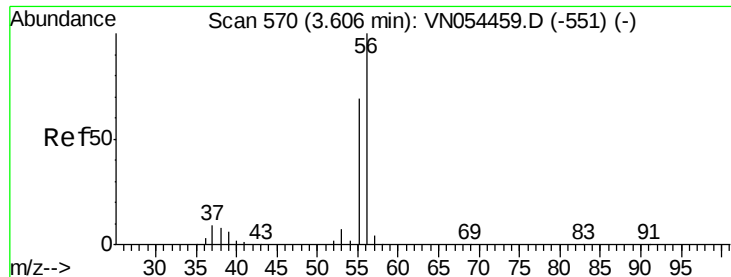
45 138.7 43.1 129.4#



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

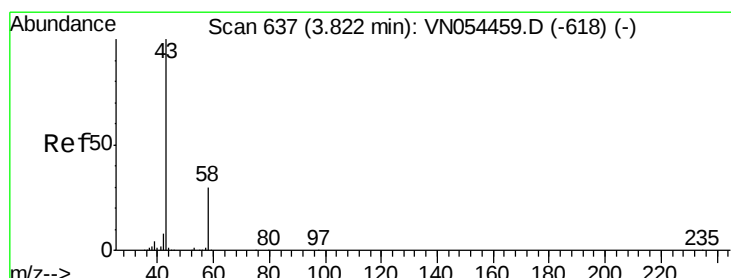
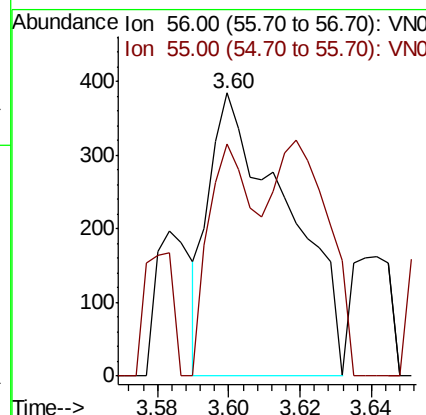
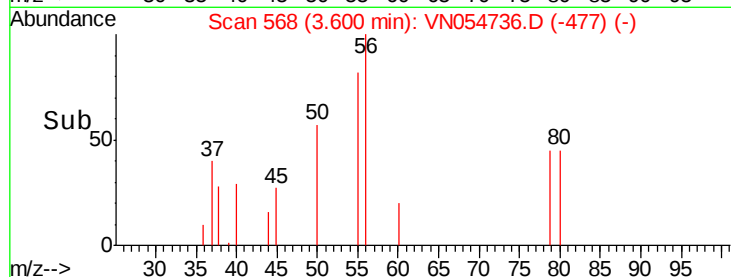
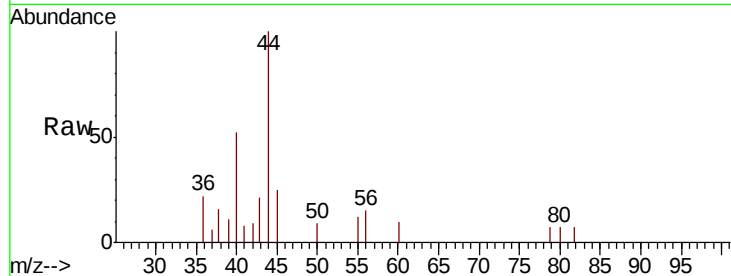




#13
Acrolein
Concen: 0.989 ug/l
RT: 3.60 min Scan# 568
Delta R.T. -0.01 min
Lab File: VN054736.D
Acq: 28 Mar 2019 11:35

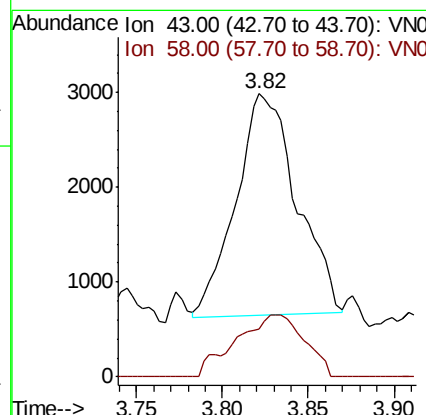
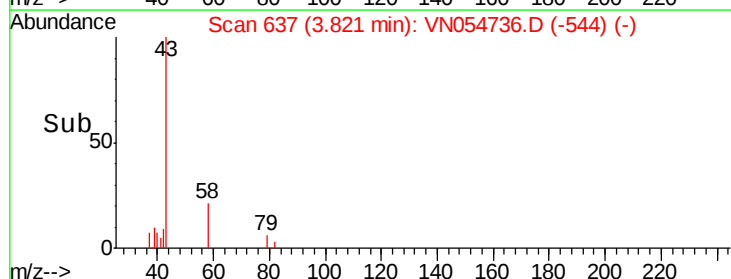
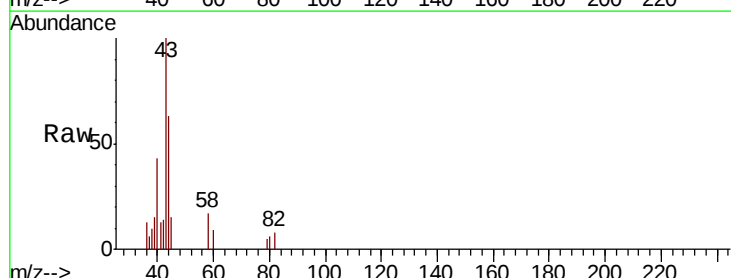
Instrument :
MSVOA_N
ClientSampleId :
PB118320TB

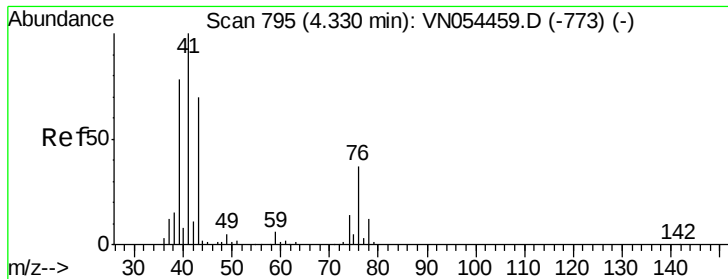
Tot Ion: 56 Resp: 582
Ion Ratio Lower Upper
56 100
55 49.0 56.7 85.1#



#16
Acetone
Concen: 2.728 ug/l
RT: 3.82 min Scan# 637
Delta R.T. -0.00 min
Lab File: VN054736.D
Acq: 28 Mar 2019 11:35

Tgt Ion: 43 Resp: 5777
Ion Ratio Lower Upper
43 100
58 22.0 29.9 44.9#

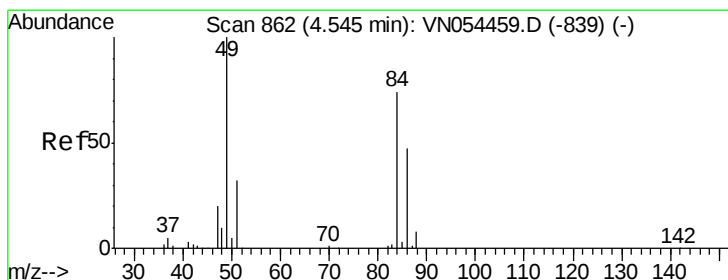
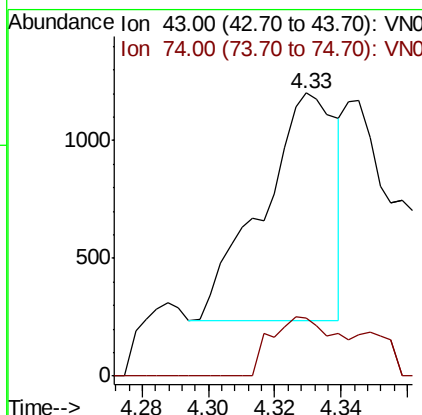
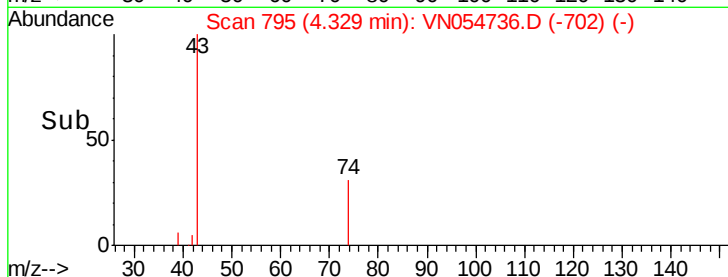
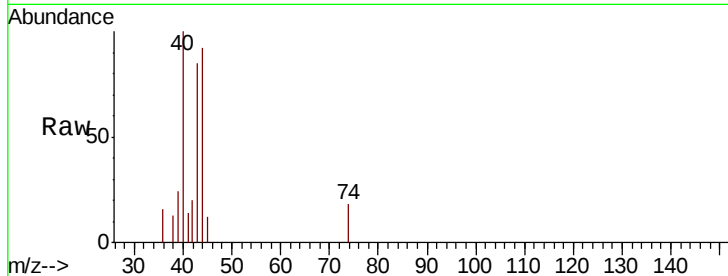




#18
Methvl Acetate
Concen: 0.317 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN054736.D
Acq: 28 Mar 2019 11:35

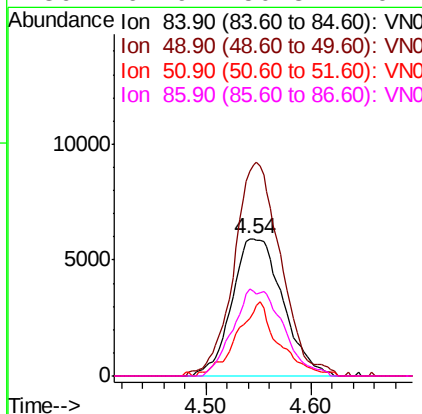
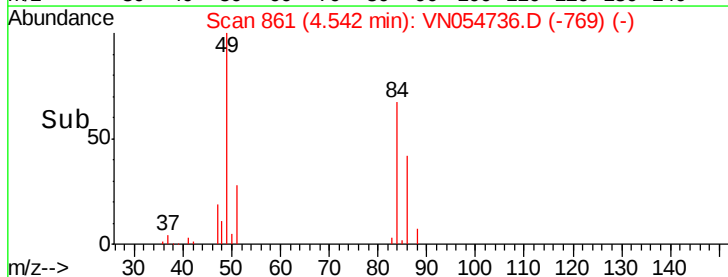
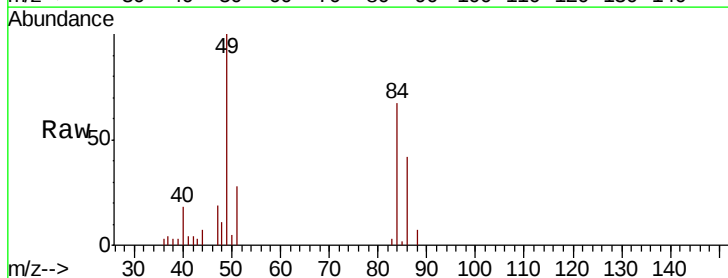
Instrument :
MSVOA_N
ClientSampled :
PB118320TB

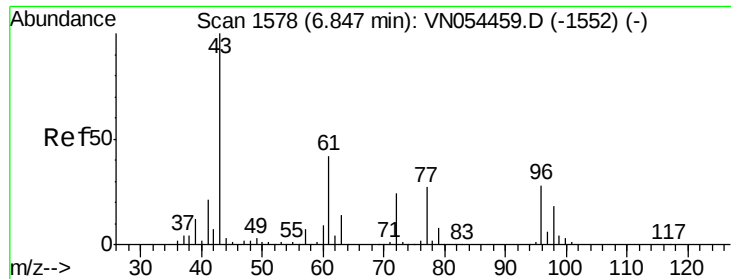
Tot Ion: 43 Resp: 1497
Ion Ratio Lower Upper
43 100
74 22.8 20.8 31.2



#20
Methylene Chloride
Concen: 3.184 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN054736.D
Acq: 28 Mar 2019 11:35

Tgt Ion: 84 Resp: 19876
Ion Ratio Lower Upper
84 100
49 149.3 89.7 134.5#
51 42.0 28.2 42.4
86 62.9 50.8 76.2





#25

2-Butanone

Concen: 0.692 ug/l

RT: 6.86 min Scan# 1581

Delta R.T. 0.01 min

Lab File: VN054736.D

Acq: 28 Mar 2019 11:35

Instrument :

MSVOA_N

ClientSampleId :

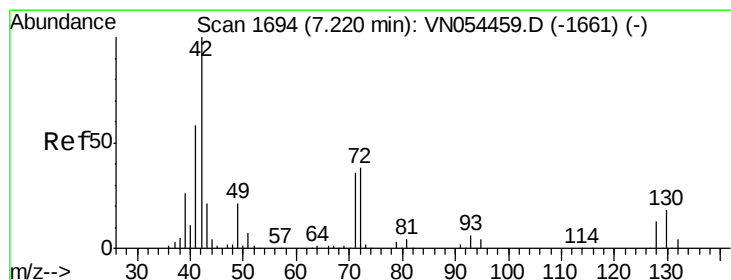
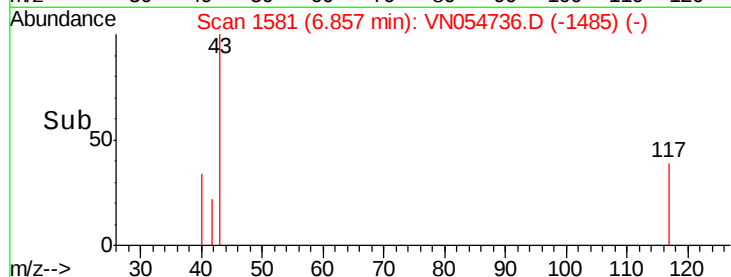
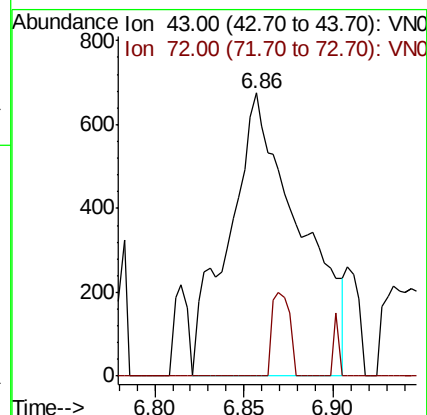
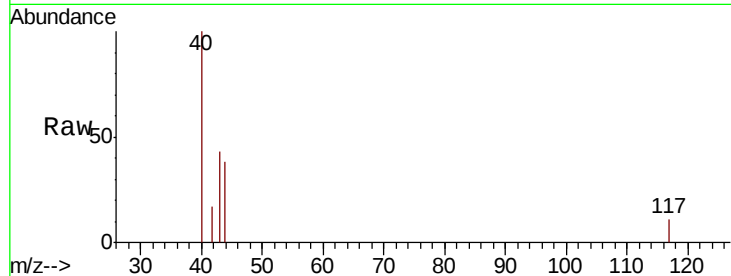
PB118320TB

Tot Ion: 43 Resp: 1876

Ion Ratio Lower Upper

43 100

72 0.0 23.0 34.6#



#29

Tetrahydrofuran

Concen: 0.850 ug/l

RT: 7.25 min Scan# 1702

Delta R.T. 0.03 min

Lab File: VN054736.D

Acq: 28 Mar 2019 11:35

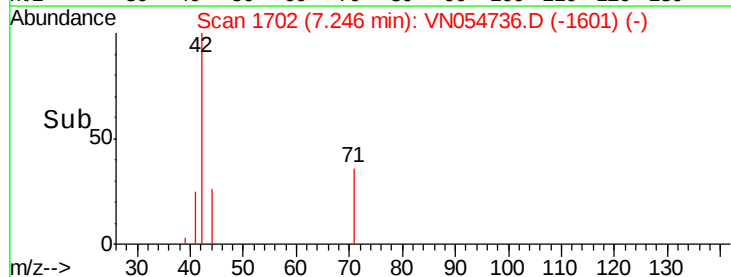
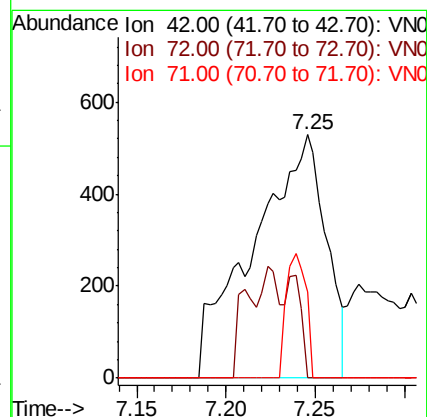
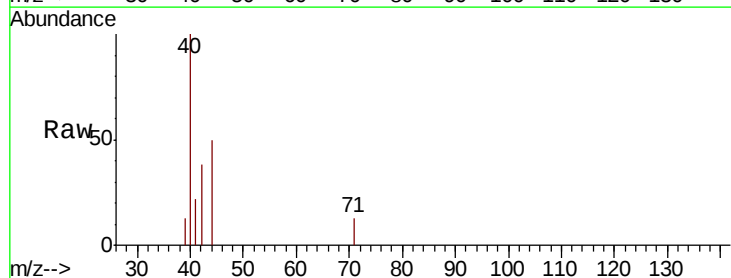
Tgt Ion: 42 Resp: 1497

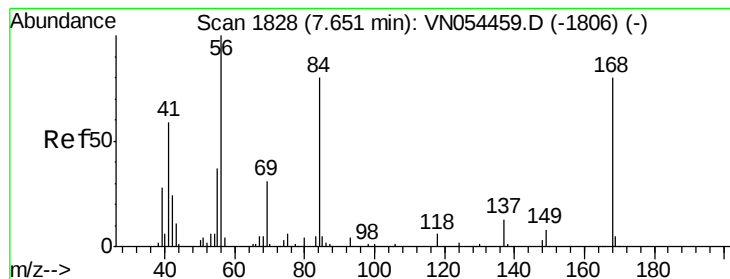
Ion Ratio Lower Upper

42 100

72 7.7 37.8 56.6#

71 14.2 36.2 54.2#





#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN054736.D

Acq: 28 Mar 2019 11:35

Instrument :

MSVOA_N

ClientSampleID :

PB118320TB

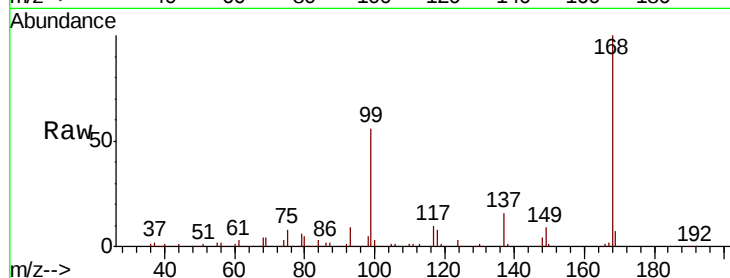
Tot Ion: 56 Resp: 12251

Ion Ratio Lower Upper

56 100

69 150.1 27.8 41.6#

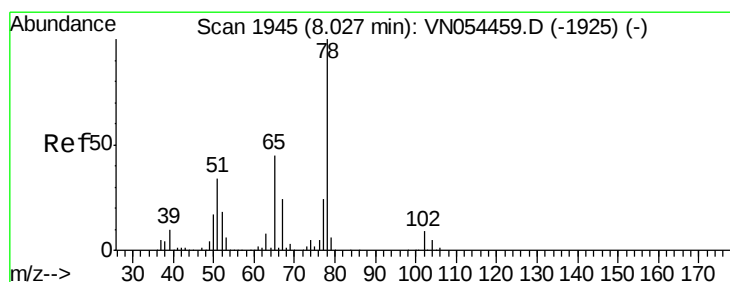
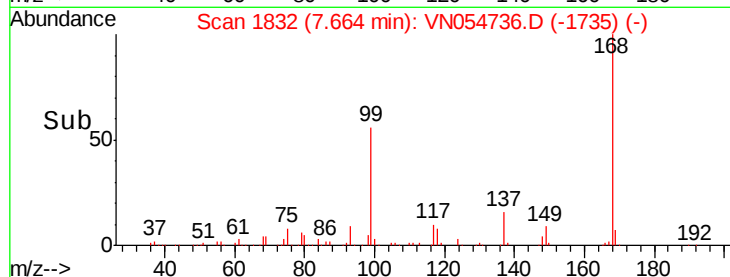
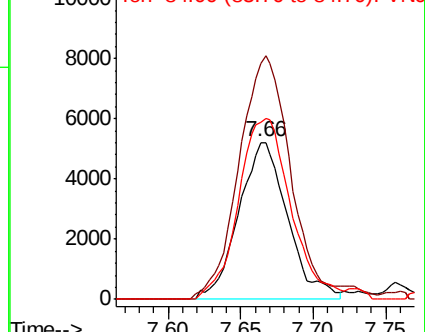
84 118.3 74.6 111.8#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.709 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054736.D

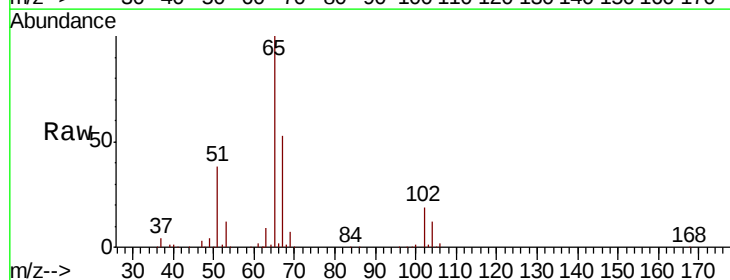
Acq: 28 Mar 2019 11:35

Tgt Ion: 65 Resp: 357173

Ion Ratio Lower Upper

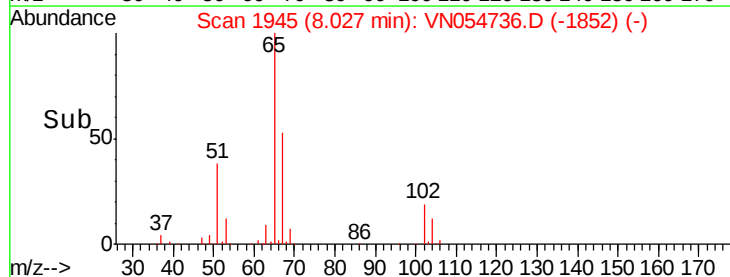
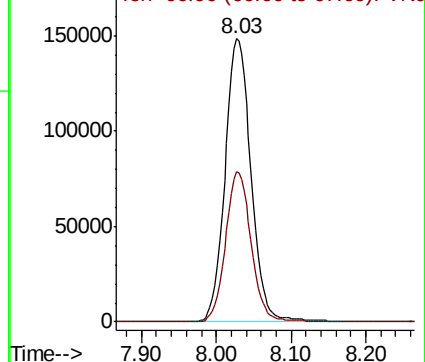
65 100

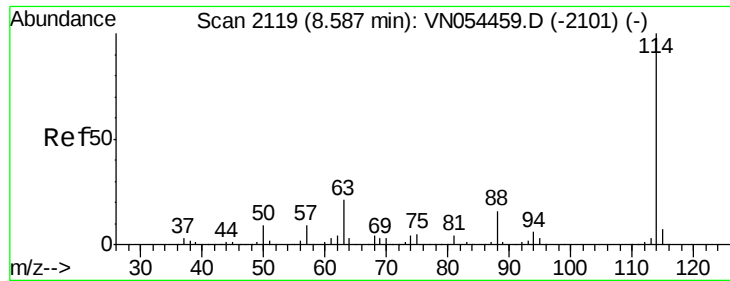
67 52.1 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

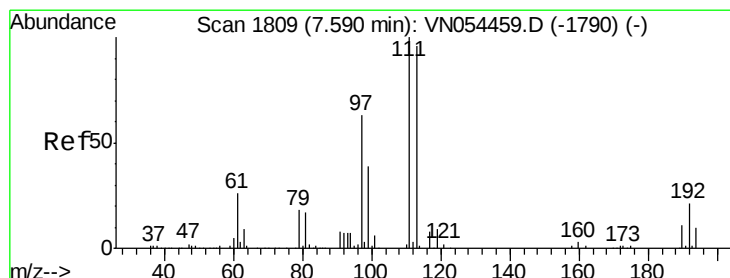
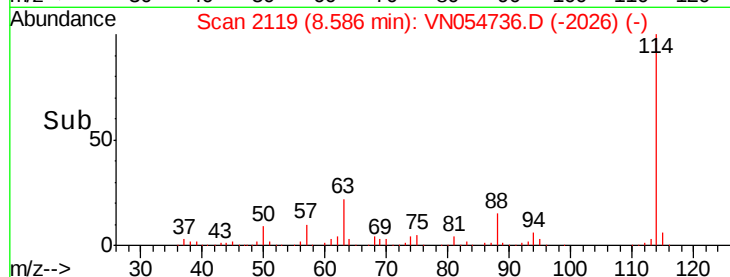
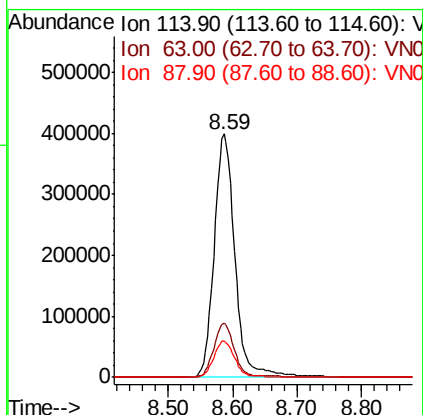
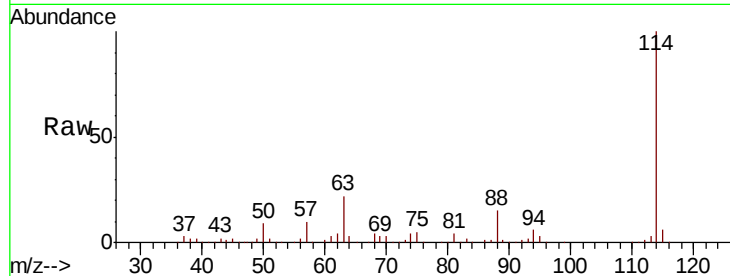




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054736.D
Acq: 28 Mar 2019 11:35

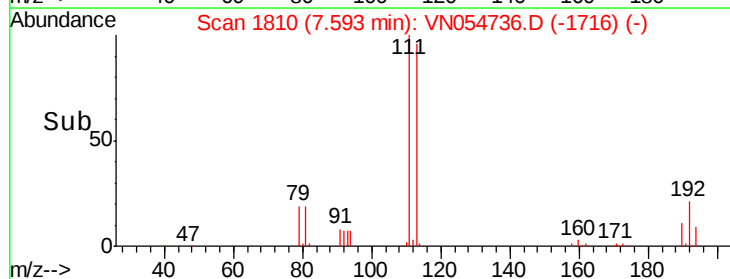
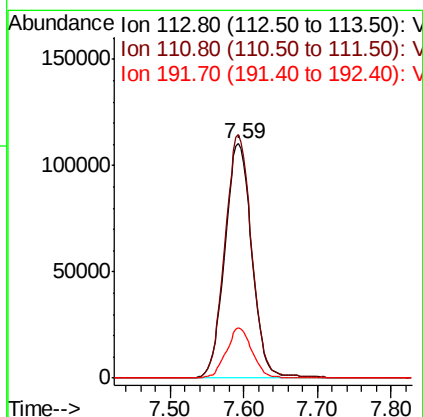
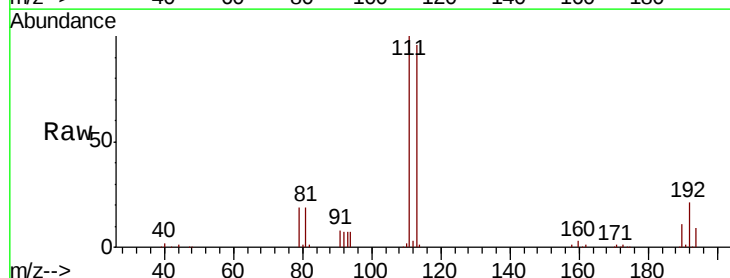
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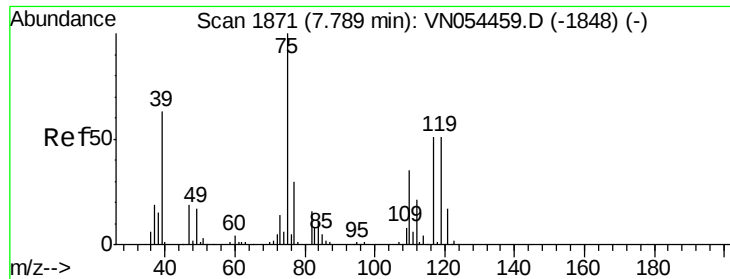
Tot Ion:114 Resp: 890907
Ion Ratio Lower Upper
114 100
63 22.4 0.0 35.2
88 14.8 0.0 30.2



#35
Dibromofluoromethane
Concen: 49.011 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054736.D
Acq: 28 Mar 2019 11:35

Tgt Ion:113 Resp: 281304
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 20.5 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.968 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.12 min

Lab File: VN054736.D

Acq: 28 Mar 2019 11:35

Instrument :

MSVOA_N

ClientSampleId :

PB118320TB

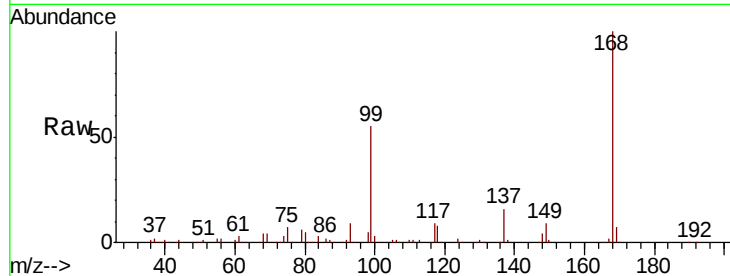
Tot Ion: 75 Resp: 41385

Ion Ratio Lower Upper

75 100

110 8.2 19.1 57.5#

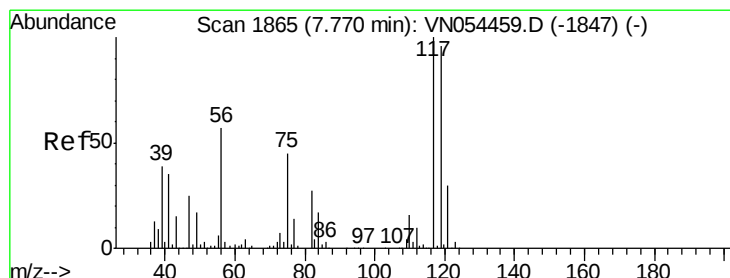
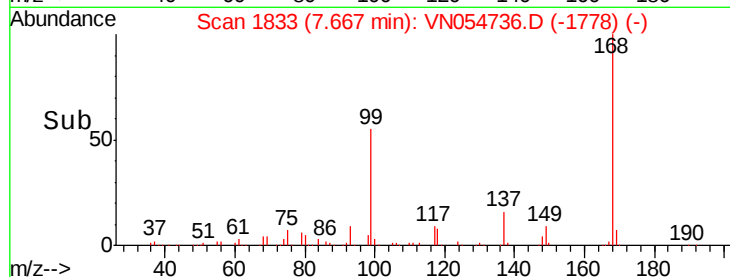
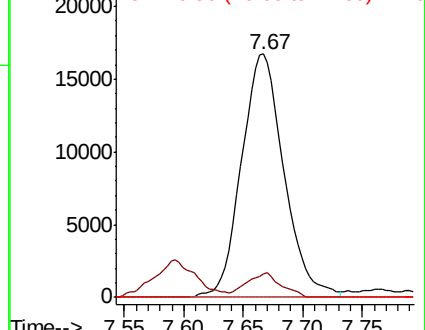
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VN054459.D (-1848) (-)

Ion 109.90 (109.60 to 110.60): VN054459.D (-1848) (-)

Ion 76.90 (76.60 to 77.60): VN054459.D (-1848) (-)



#38

Carbon Tetrachloride

Concen: 6.191 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.10 min

Lab File: VN054736.D

Acq: 28 Mar 2019 11:35

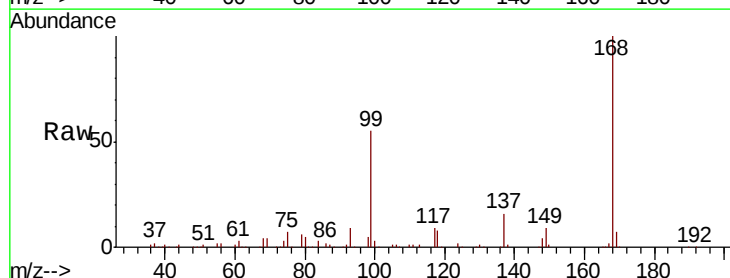
Tgt Ion: 117 Resp: 50115

Ion Ratio Lower Upper

117 100

119 4.8 76.3 114.5#

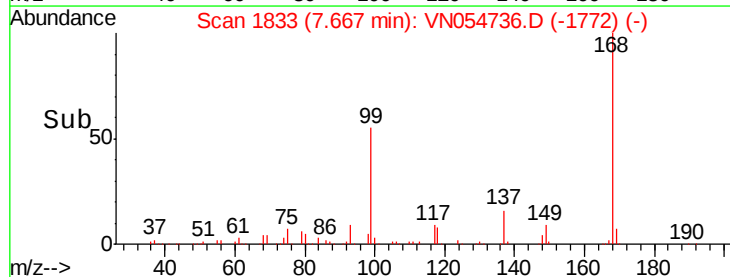
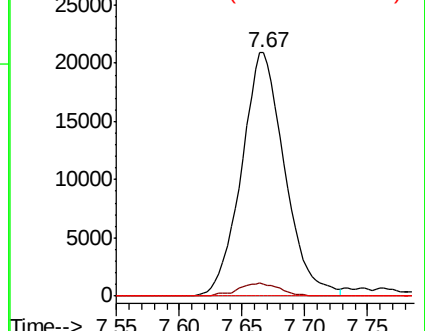
121 0.0 24.6 36.8#

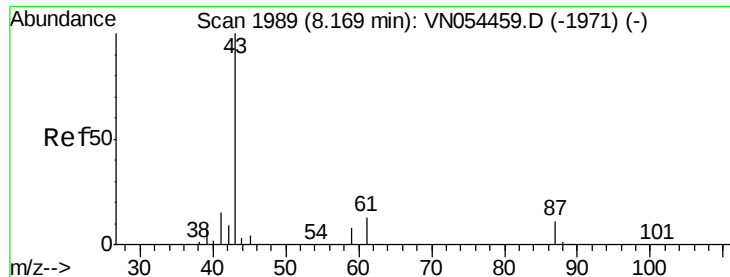


Abundance Ion 116.80 (116.50 to 117.50): VN054459.D (-1847) (-)

Ion 118.80 (118.50 to 119.50): VN054459.D (-1847) (-)

Ion 120.80 (120.50 to 121.50): VN054459.D (-1847) (-)





#43

Isopropyl Acetate

Concen: 1.866 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054736.D

Acq: 28 Mar 2019 11:35

Instrument :

MSVOA_N

ClientSampled :

PB118320TB

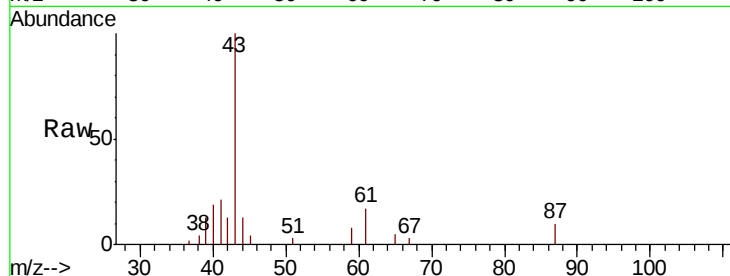
Tot Ion: 43 Resp: 18670

Ion Ratio Lower Upper

43 100

61 19.1 15.8 23.8

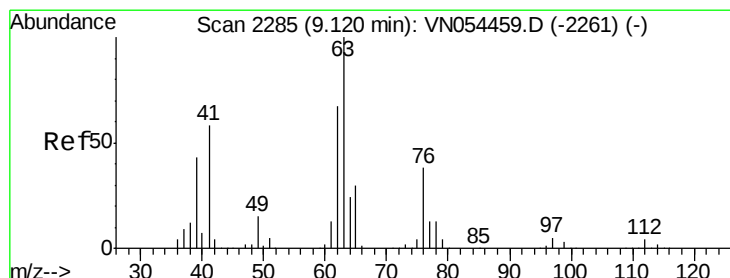
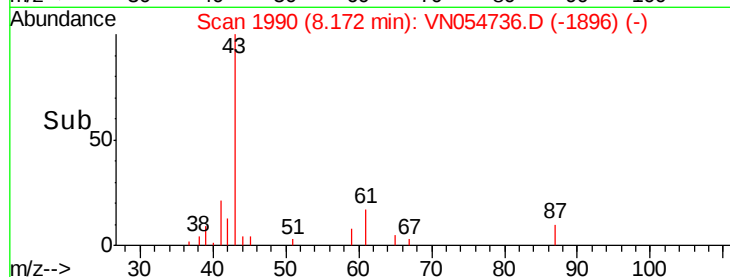
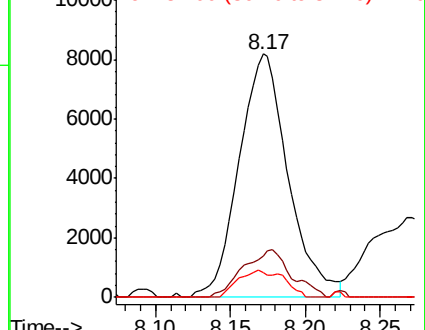
87 10.3 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.305 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN054736.D

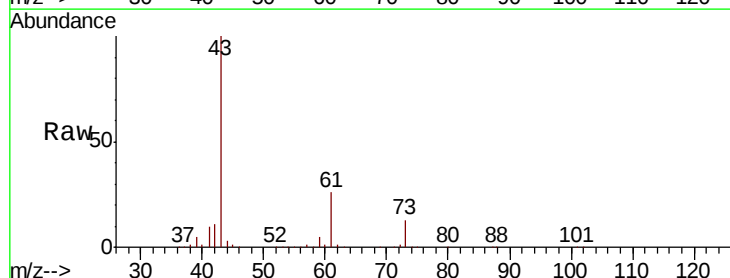
Acq: 28 Mar 2019 11:35

Tgt Ion: 63 Resp: 1953

Ion Ratio Lower Upper

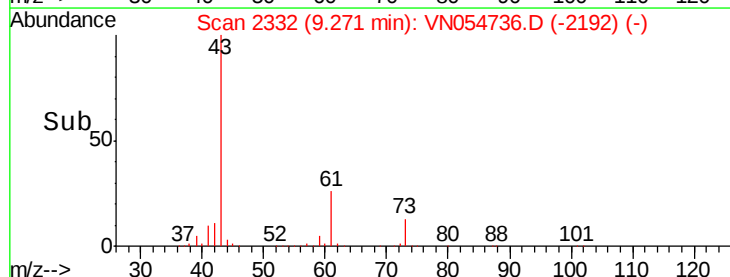
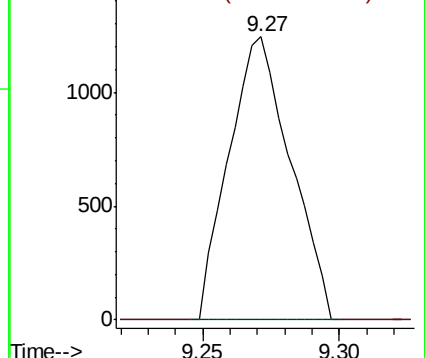
63 100

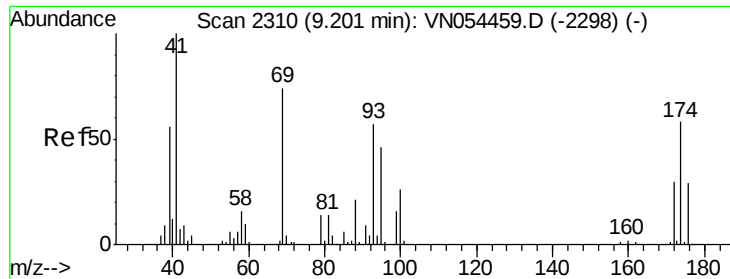
65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

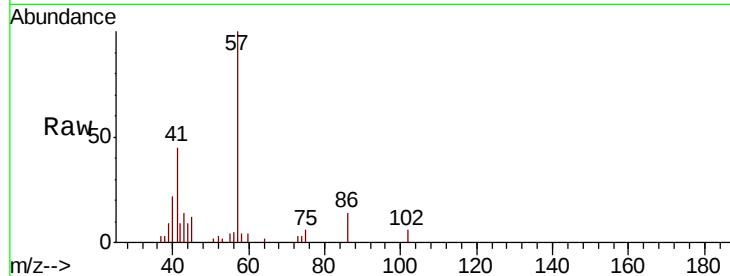




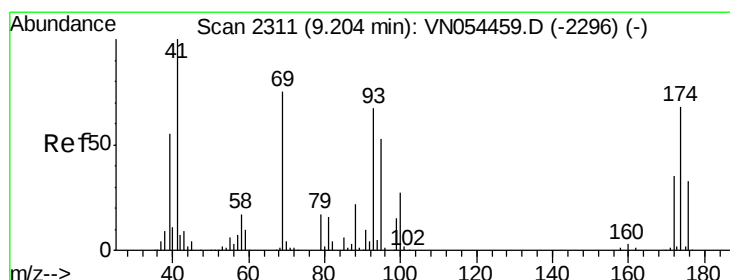
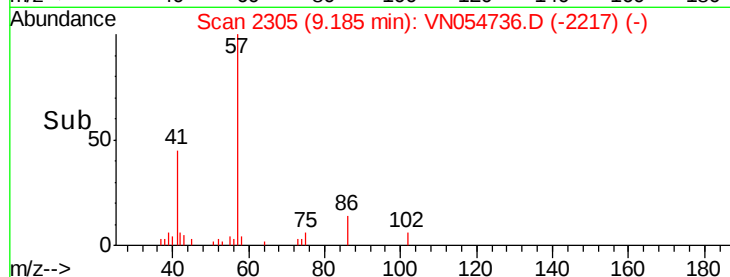
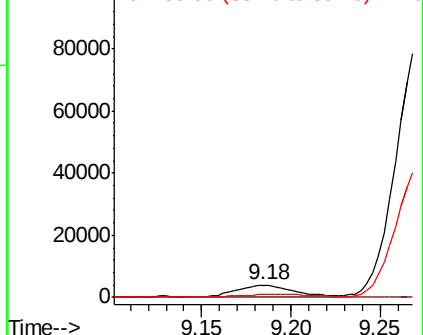
#48
Methvl methacrylate
Concen: 1.523 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN054736.D
Acq: 28 Mar 2019 11:35

Instrument :
MSVOA_N
ClientSampled :
PB118320TB

Tot Ion: 41 Resp: 8271
Ion Ratio Lower Upper
41 100
69 0.0 72.6 108.8#
39 33.0 47.5 71.3#

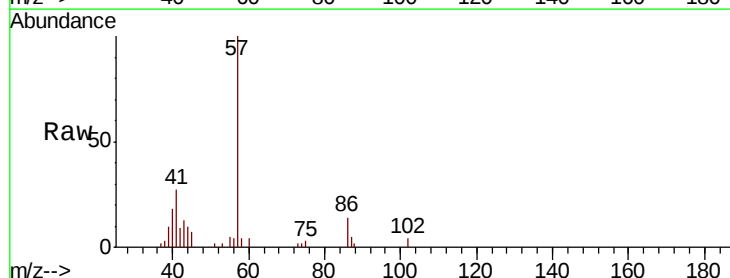


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

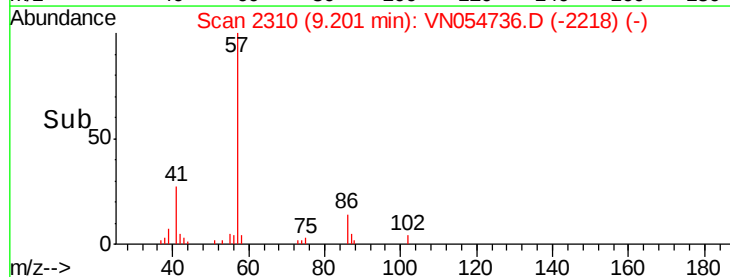
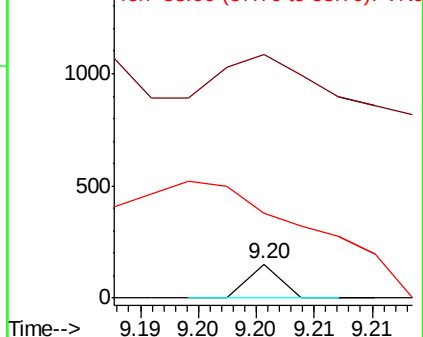


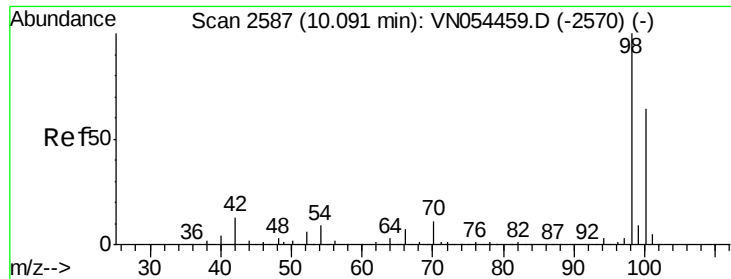
#49
1,4-Dioxane
Concen: 0.478 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN054736.D
Acq: 28 Mar 2019 11:35

Tgt Ion: 88 Resp: 29
Ion Ratio Lower Upper
88 100
43 0.0 24.1 36.1#
58 3413.8 50.8 76.2#



Abundance Ion 88.00 (87.70 to 88.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 58.00 (57.70 to 58.70): VNC





#50

Toluene-d8

Concen: 49.517 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054736.D

Acq: 28 Mar 2019 11:35

Instrument :

MSVOA_N

ClientSampleId :

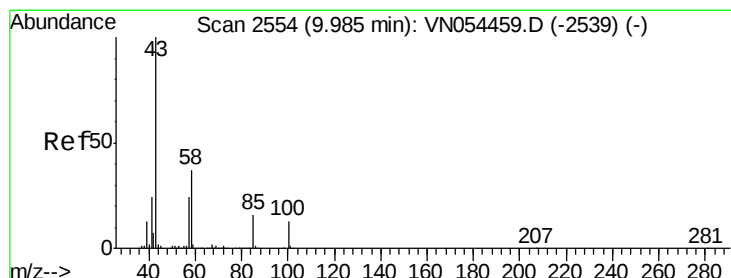
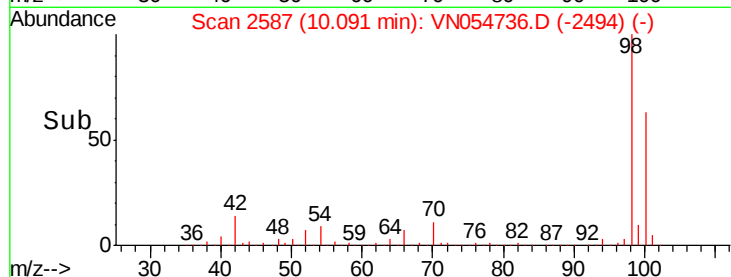
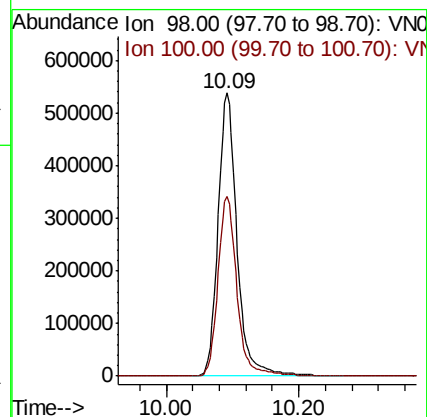
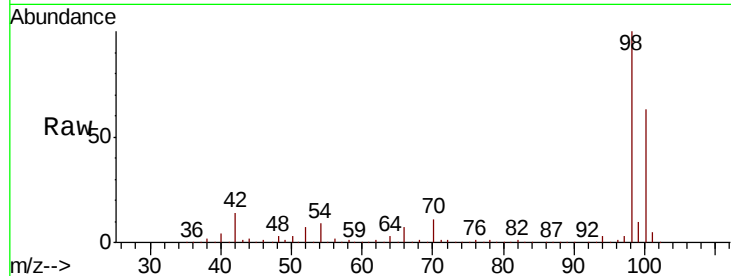
PB118320TB

Tot Ion: 98 Resp: 1068461

Ion Ratio Lower Upper

98 100

100 63.4 51.2 76.8



#51

4-Methyl-2-Pentanone

Concen: 1.501 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN054736.D

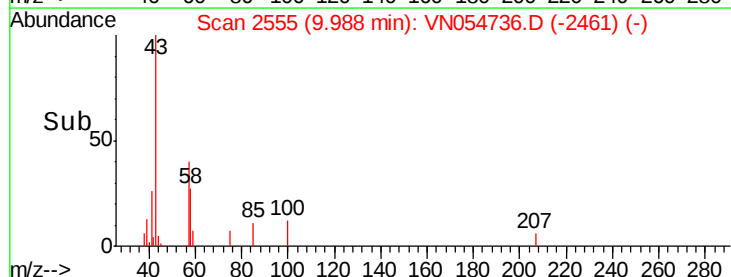
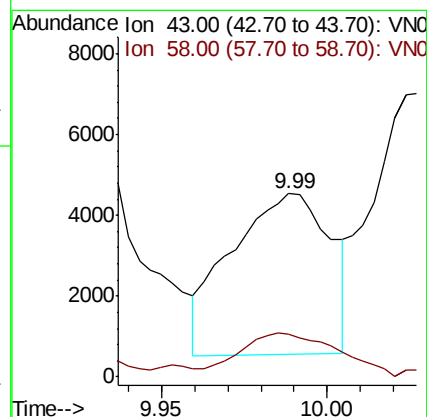
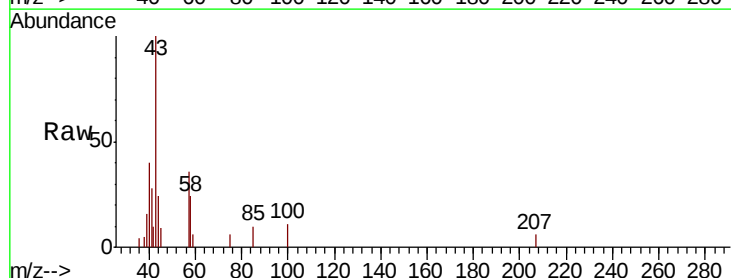
Acq: 28 Mar 2019 11:35

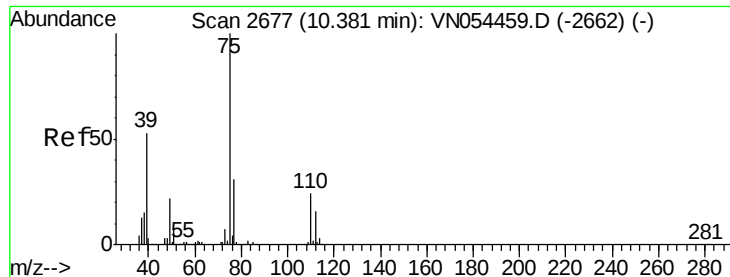
Tgt Ion: 43 Resp: 8321

Ion Ratio Lower Upper

43 100

58 27.5 31.8 47.6#





#53

t-1,3-Dichloropropene

Concen: 2.252 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN054736.D

Acq: 28 Mar 2019 11:35

Instrument :

MSVOA_N

ClientSampled :

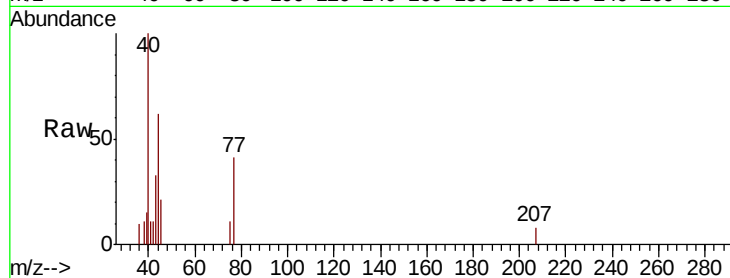
PB118320TB

Tot Ion: 75 Resp: 172

Ion Ratio Lower Upper

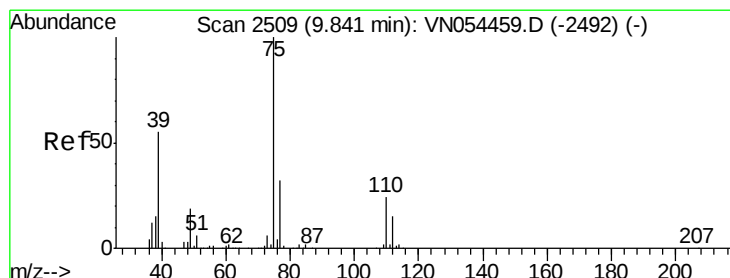
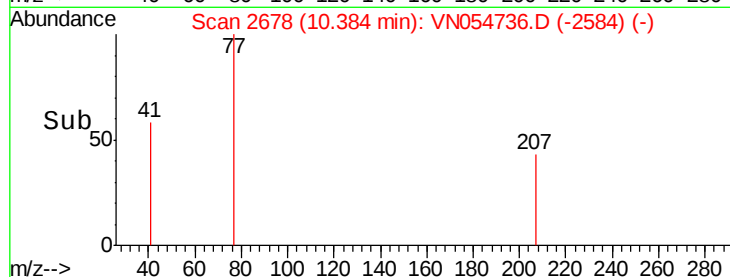
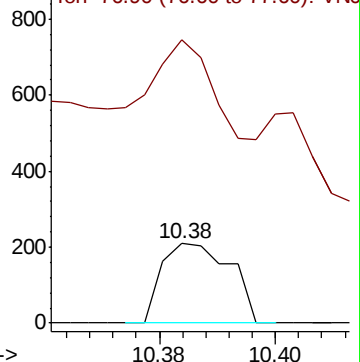
75 100

77 93.3 25.8 38.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 7.155 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054736.D

Acq: 28 Mar 2019 11:35

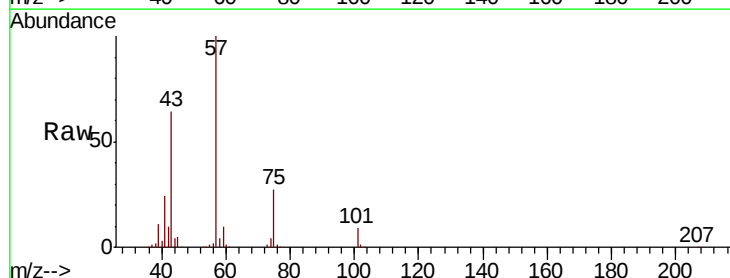
Tgt Ion: 75 Resp: 64973

Ion Ratio Lower Upper

75 100

77 0.4 25.4 38.0#

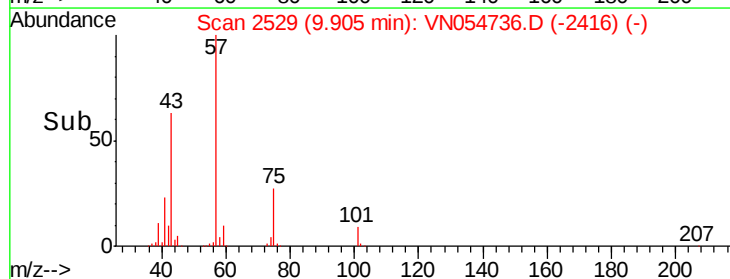
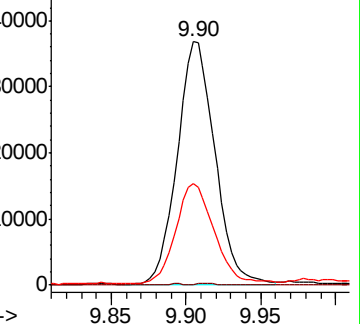
39 40.9 37.2 55.8

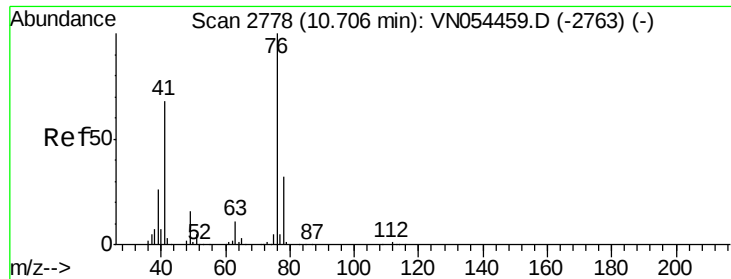


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

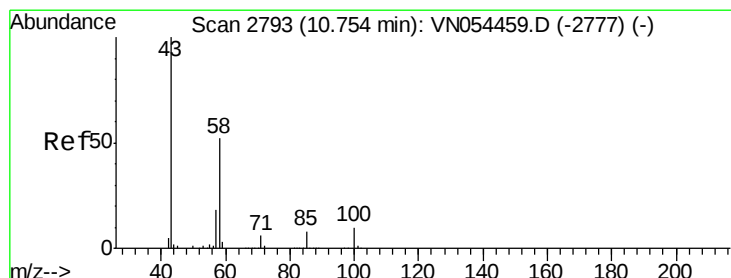
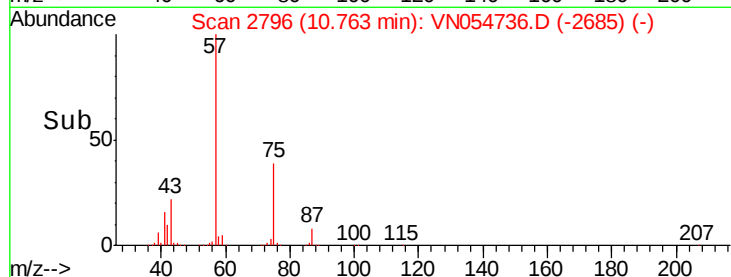
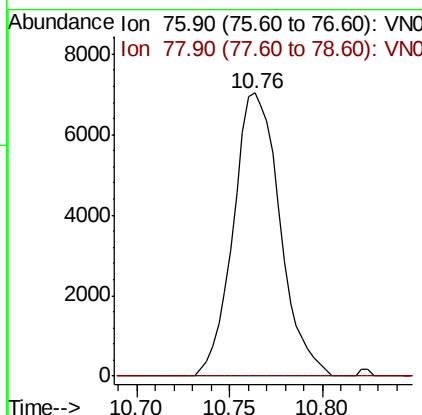
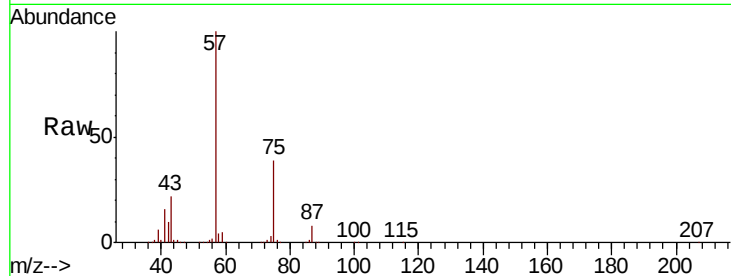




#57
 1,3-Dichloropropane
 Concen: 1.345 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN054736.D
 Acq: 28 Mar 2019 11:35

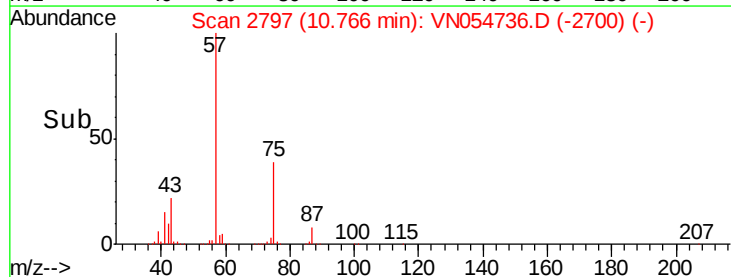
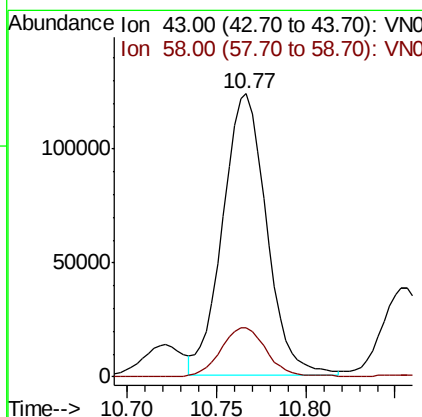
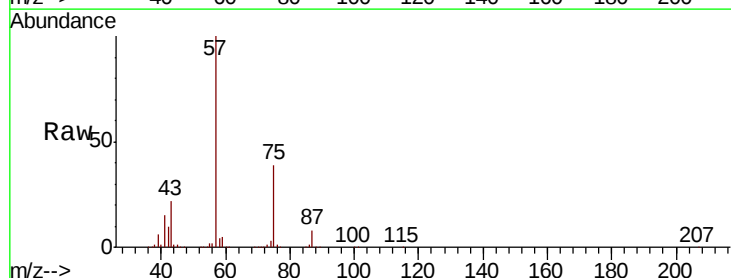
Instrument :
 MSVOA_N
 ClientSampled :
 PB118320TB

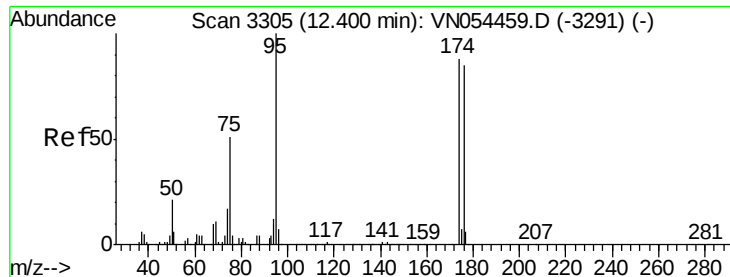
Tot Ion: 76 Resp: 12310
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#



#59
 2-Hexanone
 Concen: 58.717 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.01 min
 Lab File: VN054736.D
 Acq: 28 Mar 2019 11:35

Tgt Ion: 43 Resp: 212681
 Ion Ratio Lower Upper
 43 100
 58 18.6 28.0 83.9#





#62

4-Bromofluorobenzene

Concen: 45.009 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054736.D

Acq: 28 Mar 2019 11:35

Instrument :

MSVOA_N

ClientSampleId :

PB118320TB

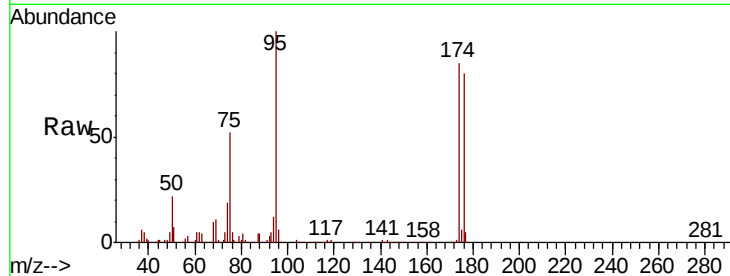
Tot Ion: 95 Resp: 330476

Ion Ratio Lower Upper

95 100

174 85.0 0.0 191.0

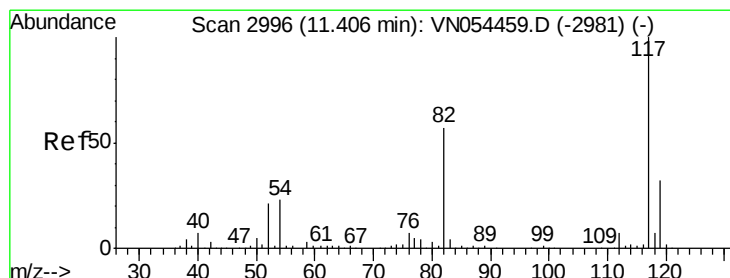
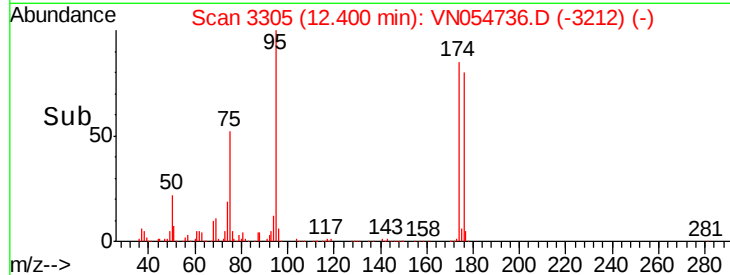
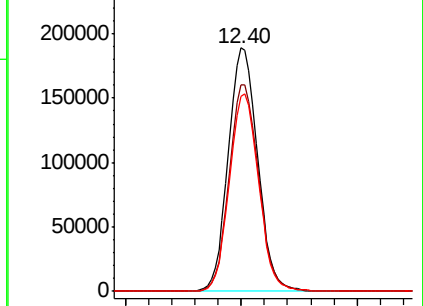
176 80.7 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054736.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN054736.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN054736.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054736.D

Acq: 28 Mar 2019 11:35

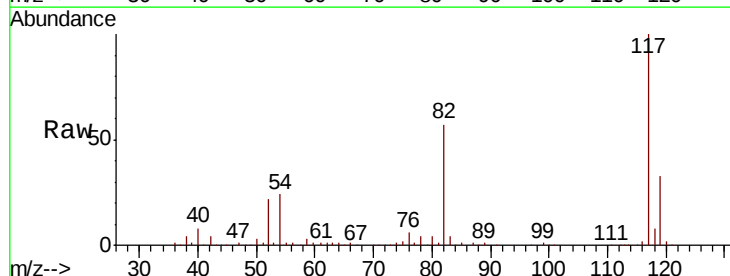
Tgt Ion: 117 Resp: 751664

Ion Ratio Lower Upper

117 100

82 56.7 40.0 60.0

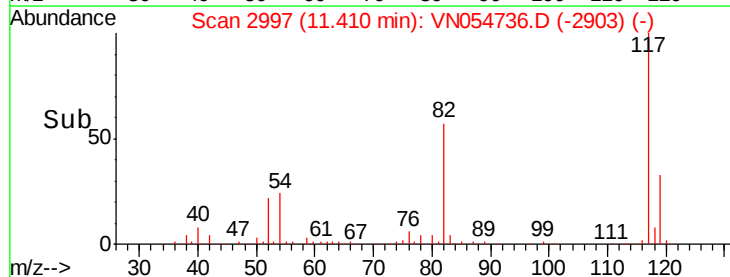
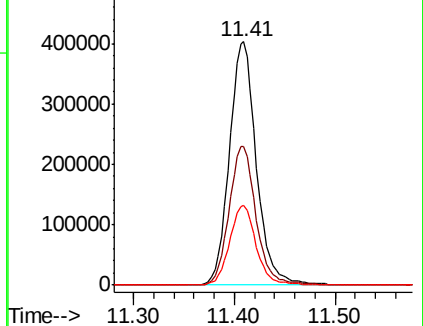
119 32.7 25.8 38.6

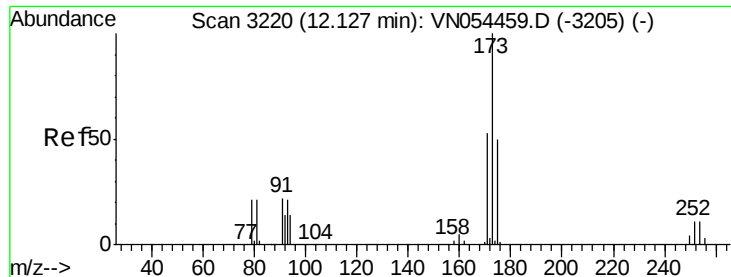


Abundance Ion 116.90 (116.60 to 117.60): VN054736.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054736.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054736.D (-2903) (-)

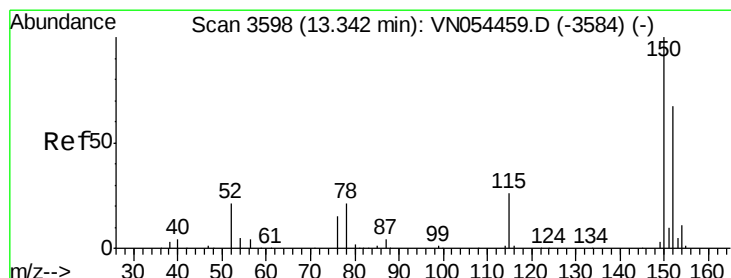
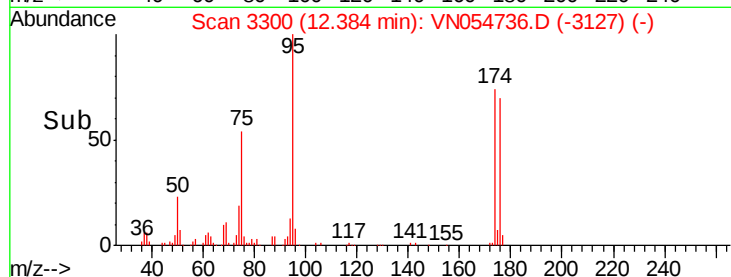
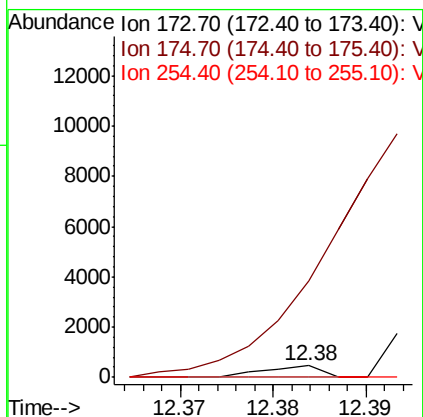
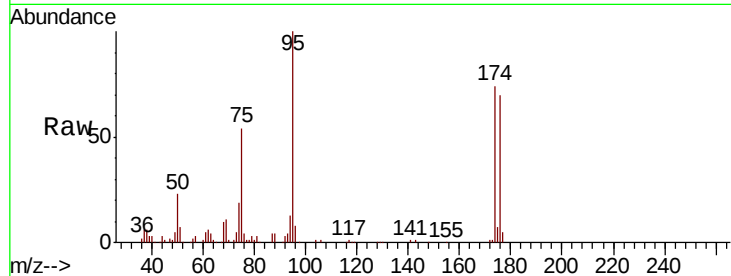




#71
Bromoform
Concen: 2.267 ug/l
RT: 12.38 min Scan# 3300
Delta R.T. 0.26 min
Lab File: VN054736.D
Acq: 28 Mar 2019 11:35

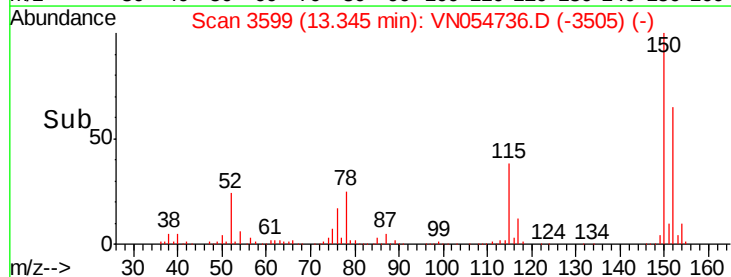
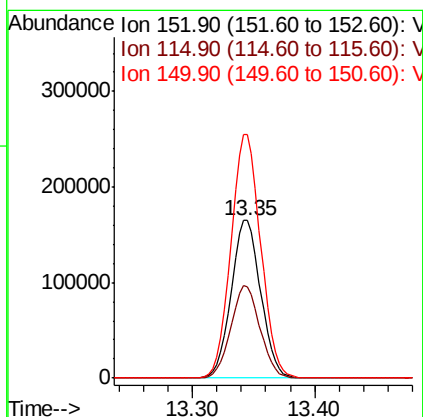
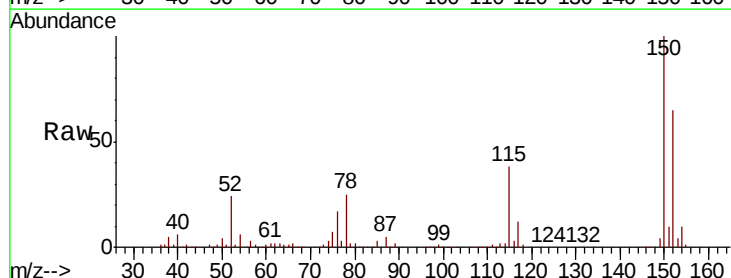
Instrument :
MSVOA_N
ClientSampleId :
PB118320TB

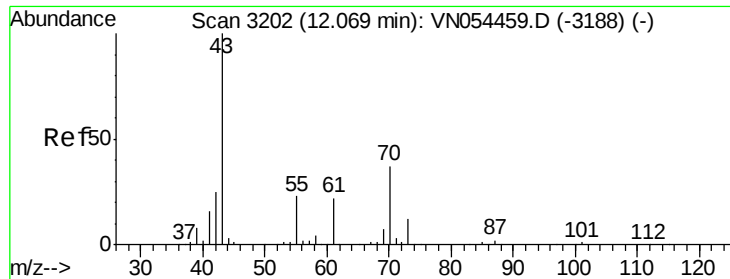
Tot Ion:173 Resp: 186
Ion Ratio Lower Upper
173 100
175 0.0 24.4 73.2#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054736.D
Acq: 28 Mar 2019 11:35

Tgt Ion:152 Resp: 277655
Ion Ratio Lower Upper
152 100
115 57.8 27.2 81.6
150 155.3 0.0 349.2





#74

N-amvl acetate

Concen: 0.233 ug/l

RT: 12.08 min Scan# 3204

Delta R.T. 0.01 min

Lab File: VN054736.D

Acq: 28 Mar 2019 11:35

Instrument :

MSVOA_N

ClientSampleId :

PB118320TB

Tot Ion: 43 Resp: 1502

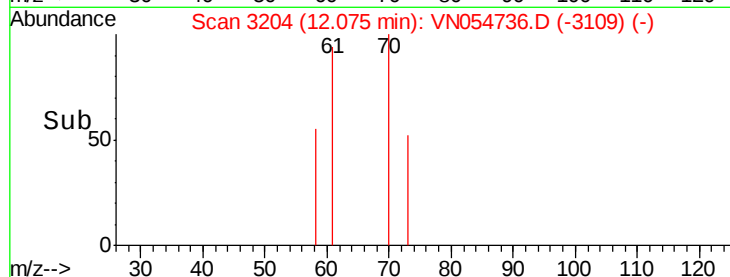
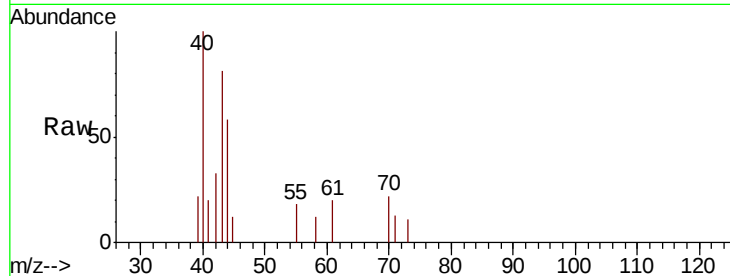
Ion Ratio Lower Upper

43 100

70 30.8 35.4 53.0#

55 17.0 19.8 29.6#

61 23.7 19.8 29.6

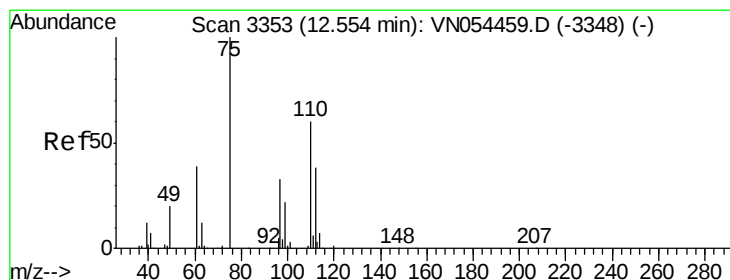
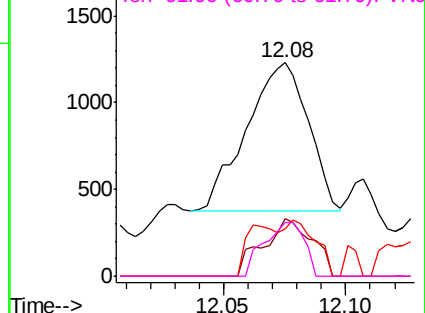


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 39.033 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054736.D

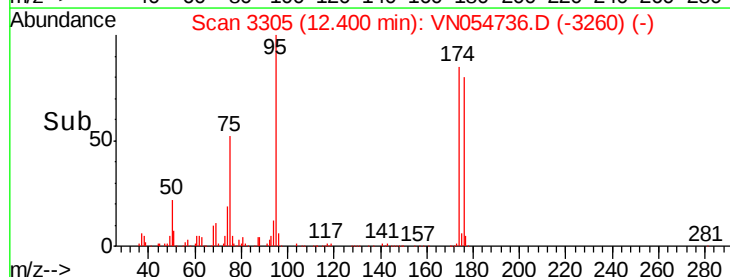
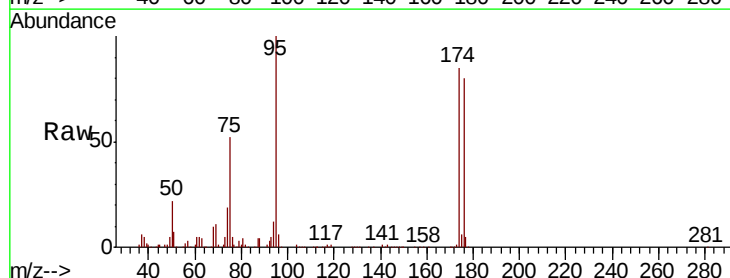
Acq: 28 Mar 2019 11:35

Tgt Ion: 75 Resp: 171980

Ion Ratio Lower Upper

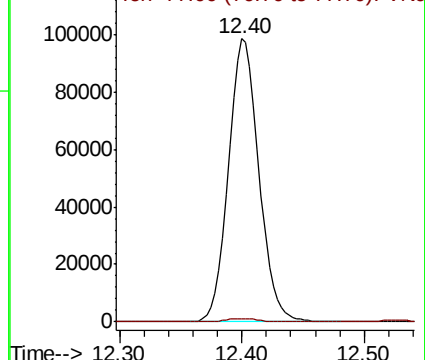
75 100

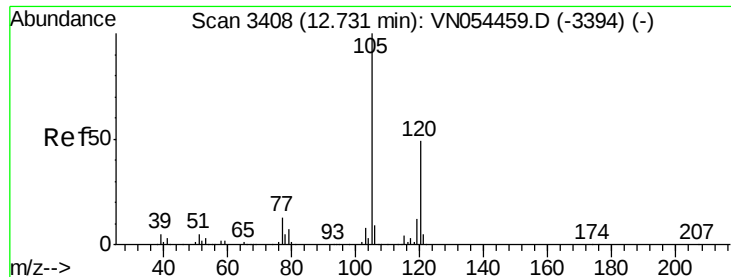
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#80

1,3,5-Trimethylbenzene

Concen: 0.682 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054736.D

Acq: 28 Mar 2019 11:35

Instrument :

MSVOA_N

ClientSampleId :

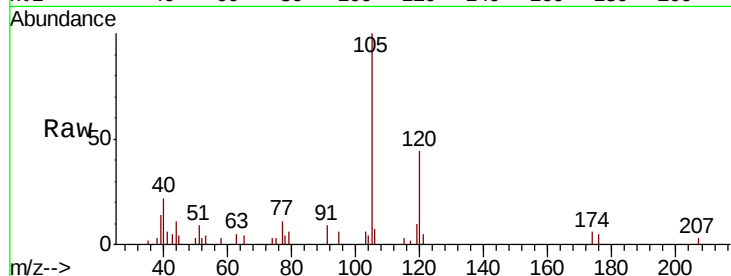
PB118320TB

Tot Ion:105 Resp: 12501

Ion Ratio Lower Upper

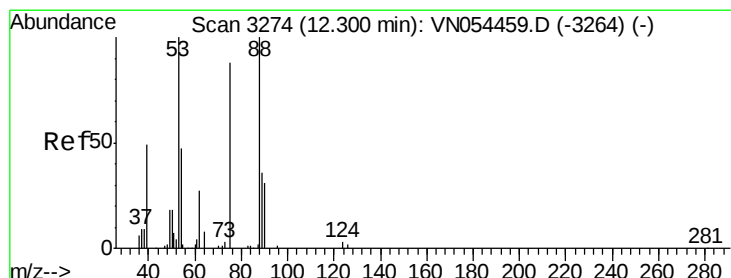
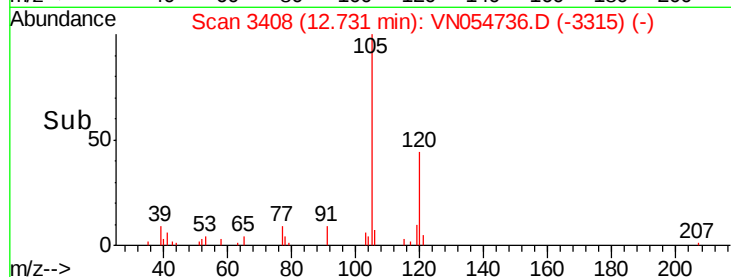
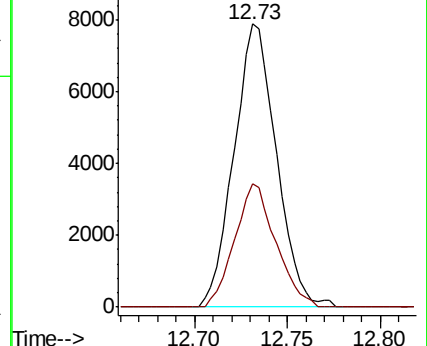
105 100

120 42.2 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 129.198 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054736.D

Acq: 28 Mar 2019 11:35

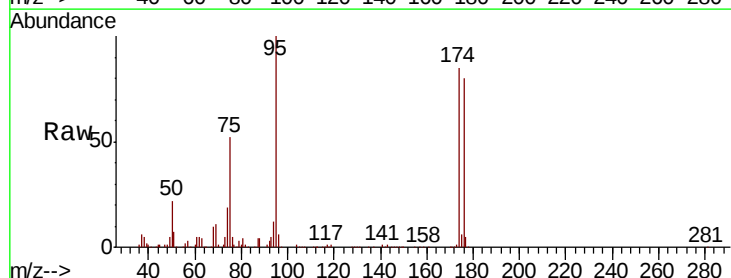
Tgt Ion: 75 Resp: 171980

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

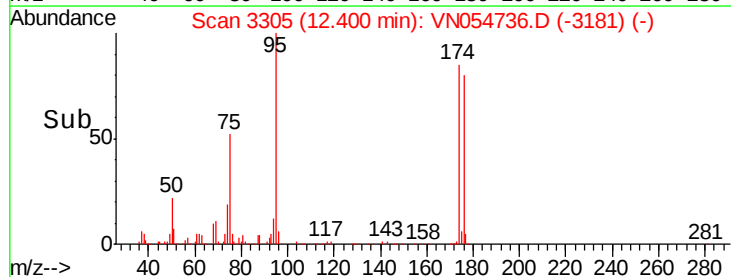
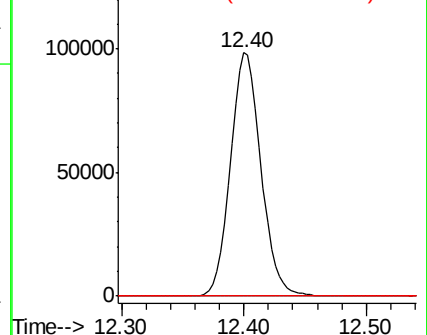
89 0.0 39.2 58.8#

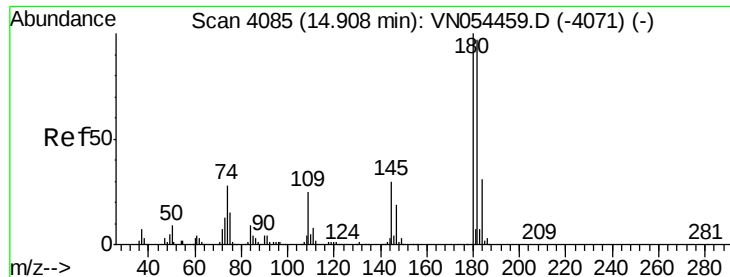


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

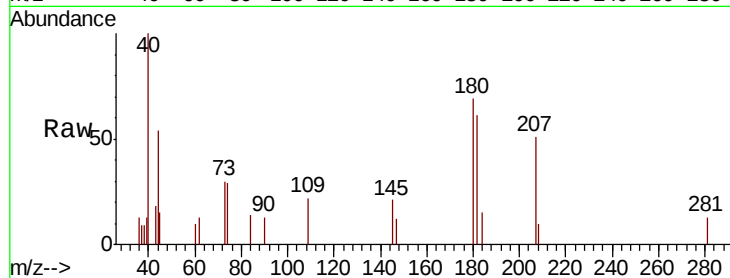




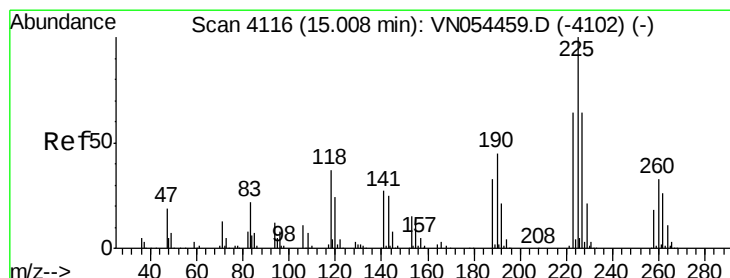
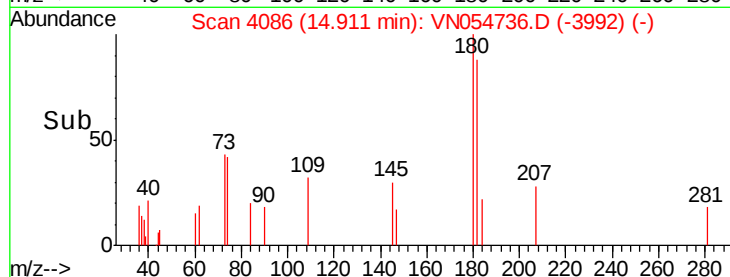
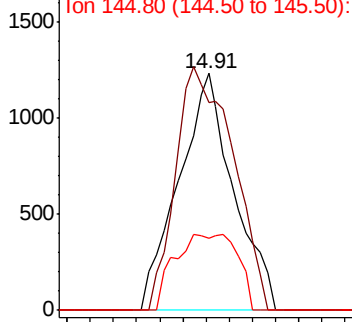
#93
 1,2,4-Trichlorobenzene
 Concen: 0.456 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN054736.D
 Acq: 28 Mar 2019 11:35

Instrument :
 MSVOA_N
 ClientSampleId :
 PB118320TB

Tot Ion:180 Resp: 2025
 Ion Ratio Lower Upper
 180 100
 182 107.8 48.0 144.2
 145 21.1 14.2 42.8

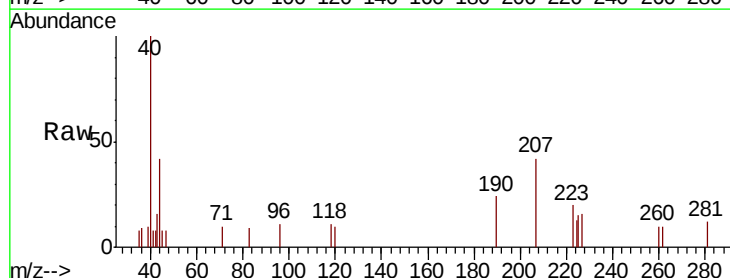


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

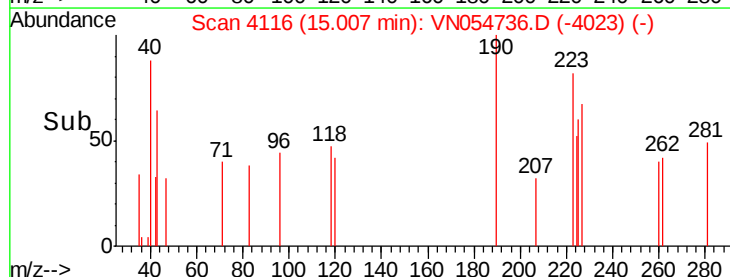
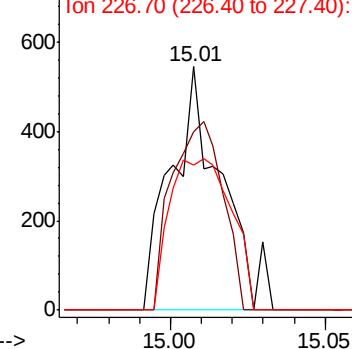


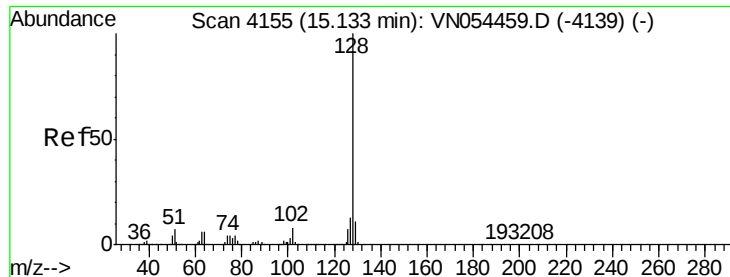
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN054736.D
 Acq: 28 Mar 2019 11:35

Tgt Ion:225 Resp: 616
 Ion Ratio Lower Upper
 225 100
 223 79.1 31.1 93.5
 227 76.1 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 0.782 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054736.D

Acq: 28 Mar 2019 11:35

Instrument :

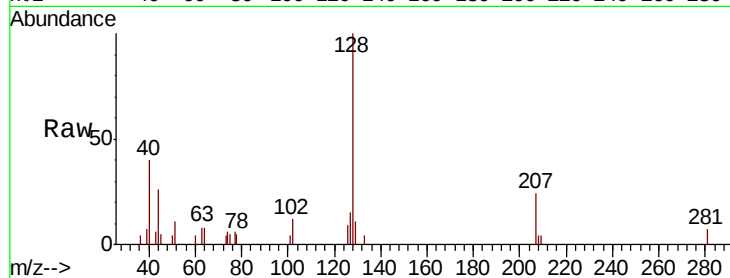
MSVOA_N

ClientSampled :

PB118320TB

Tot Ion:128 Resp: 7747

Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.1	15.1
129	10.0	8.7	13.1

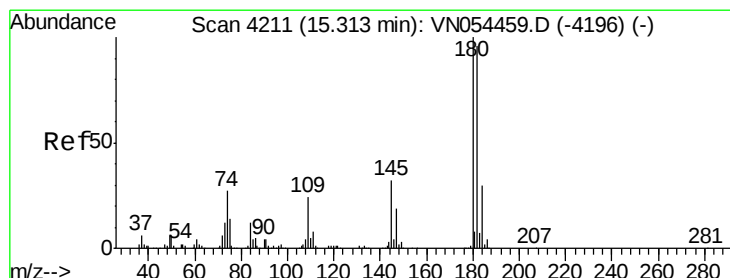
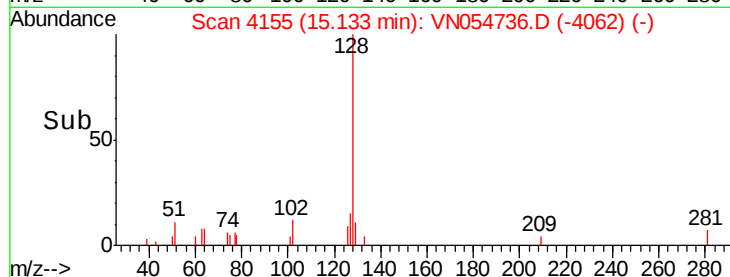
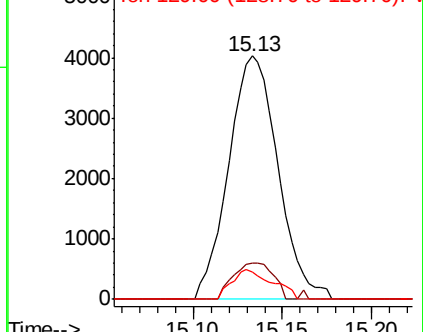


Abundance

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: 0.647 ug/l

RT: 15.31 min Scan# 4211

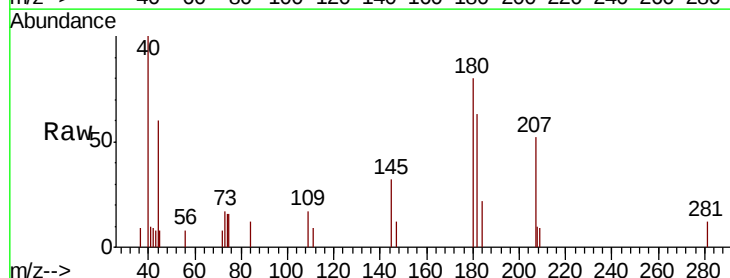
Delta R.T. -0.00 min

Lab File: VN054736.D

Acq: 28 Mar 2019 11:35

Tgt Ion:180 Resp: 2860

Ion	Ratio	Lower	Upper
180	100		
182	83.5	47.5	142.6
145	28.6	14.8	44.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

