

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032319\
 Data File : VN054622.D
 Acq On : 24 Mar 2019 00:13
 Operator : JC/SP
 Sample : K2045-15DL 10X
 Misc : 6.49g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB436-190320-(22-24)DL

Quant Time: Mar 25 03:39:31 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	7.66	168	597625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	903942	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	779838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	329912	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	377709	50.81	ug/l	0.00
Spiked Amount			Recovery	=	101.62%	
35) Dibromofluoromethane	7.59	113	281870	48.40	ug/l	0.00
Spiked Amount			Recovery	=	96.80%	
50) Toluene-d8	10.09	98	1098067	50.16	ug/l	0.00
Spiked Amount			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.40	95	356085	47.80	ug/l	0.00
Spiked Amount			Recovery	=	95.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.19	62	9894	1.268	ug/l	98
13) Acrolein	3.60	56	198	0.319	ug/l #	5
16) Acetone	3.81	43	688	0.308	ug/l #	38
18) Methyl Acetate	4.34	43	3043	0.611	ug/l #	60
27) cis-1,2-Dichloroethene	6.83	96	21321	3.037	ug/l	98
31) Cyclohexane	7.66	56	17871	Below Cal	#	51
36) 1,1-Dichloropropene	7.66	75	44299	5.241	ug/l #	48
38) Carbon Tetrachloride	7.66	117	53232	6.481	ug/l #	17
39) Methylcyclohexane	9.08	83	24465	2.530	ug/l #	85
52) Toluene	10.16	92	4151	0.279	ug/l	98
53) t-1,3-Dichloropropene	10.10	75	66	2.239	ug/l	90
55) 1,1,2-Trichloroethane	10.53	97	3216	0.602	ug/l #	20
59) 2-Hexanone	10.72	43	7925	2.156	ug/l #	27
65) Chlorobenzene	11.43	112	1017273	64.137	ug/l	100
67) Ethyl Benzene	11.51	91	26649	0.951	ug/l	99
69) o-Xylene	11.95	106	11513	1.111	ug/l	98
71) Bromoform	12.37	173	66	2.236	ug/l #	28
73) Isopropylbenzene	12.25	105	22874	0.860	ug/l	100
74) N-amyl acetate	12.04	43	102926	13.465	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.47	83	4180	0.689	ug/l #	26
76) 1,2,3-Trichloropropane	12.40	75	189938	36.281	ug/l #	100
78) n-propylbenzene	12.59	91	83828	2.908	ug/l	97
79) 2-Chlorotoluene	12.68	91	6442	0.358	ug/l	79
80) 1,3,5-Trimethylbenzene	12.73	105	15162	0.696	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	189938	120.311	ug/l #	12
82) 4-Chlorotoluene	12.68	91	6442	0.370	ug/l	81
83) tert-Butylbenzene	12.99	119	16064	0.847	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	5853	0.274	ug/l	89
85) sec-Butylbenzene	13.17	105	68078	2.879	ug/l #	68
86) p-Isopropyltoluene	13.29	119	15993	0.756	ug/l	96
87) 1,3-Dichlorobenzene	13.28	146	274694	25.140	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	804415	75.667	ug/l	97
89) n-Butylbenzene	13.61	91	75772	4.581	ug/l #	75
90) Hexachloroethane	13.80	117	3027	0.922	ug/l #	2

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032319\
 Data File : VN054622.D
 Acq On : 24 Mar 2019 00:13
 Operator : JC/SP
 Sample : K2045-15DL 10X
 Misc : 6.49g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB436-190320-(22-24)DL

Quant Time: Mar 25 03:39:31 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

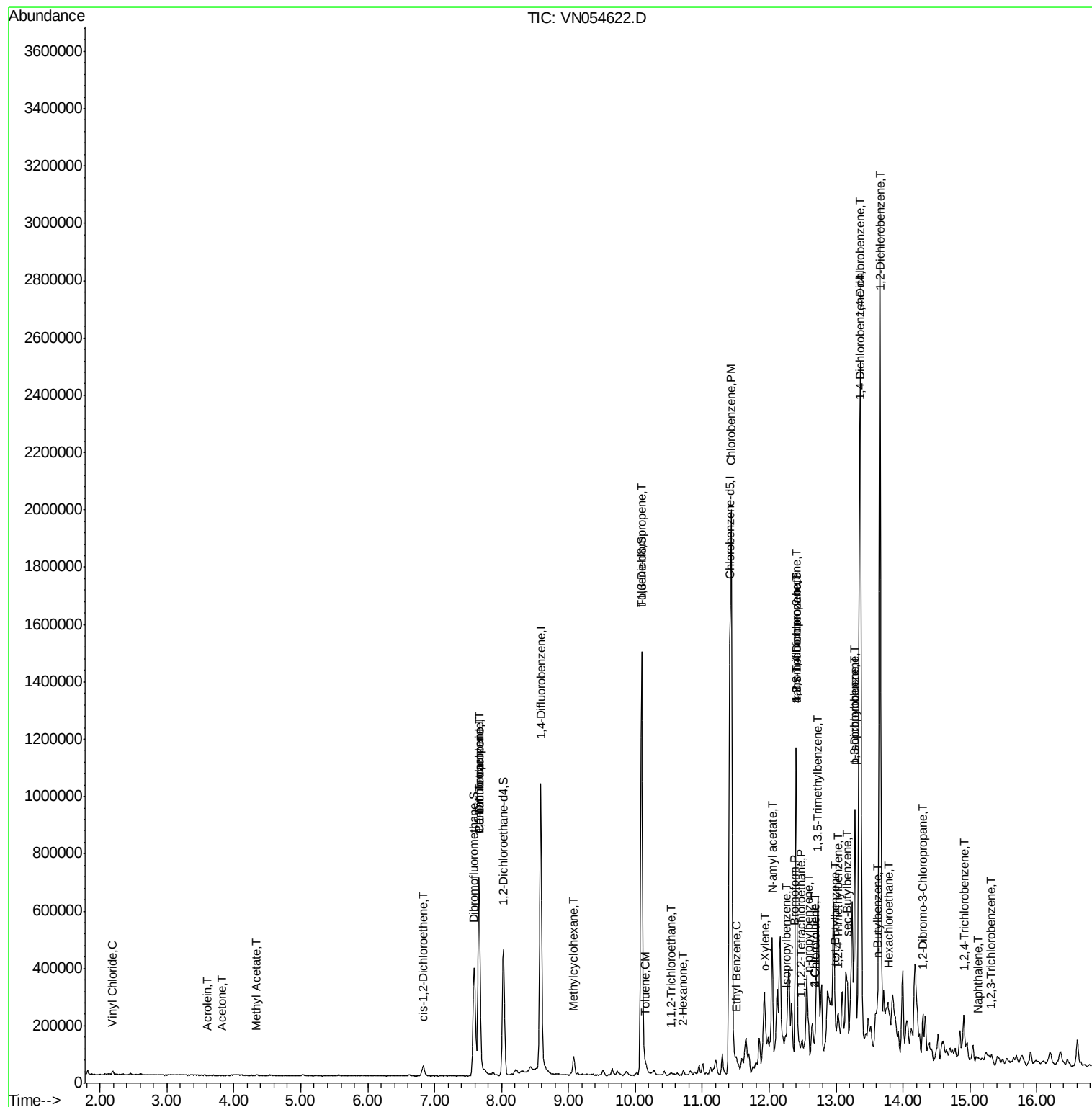
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	13.65	146	1083431	102.373	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.29	75	897	1.008	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	37965	7.196	ug/l #	80
94) Hexachlorobutadiene	15.00	225	61	Below Cal	#	51
95) Naphthalene	15.13	128	5202	0.442	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.32	180	8816	1.679	ug/l #	84

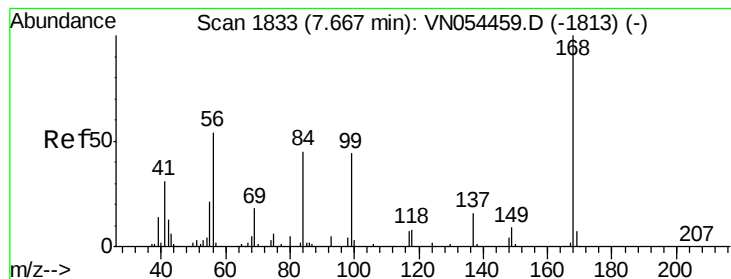
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032319\
Data File : VN054622.D
Acq On : 24 Mar 2019 00:13
Operator : JC/SP
Sample : K2045-15DL 10X
Misc : 6.49g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WP022SB436-190320-(22-24)DL

Quant Time: Mar 25 03:39:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
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: VN054622.D

Acq: 24 Mar 2019 00:13

Instrument :

MSVOA_N

ClientSampleId :

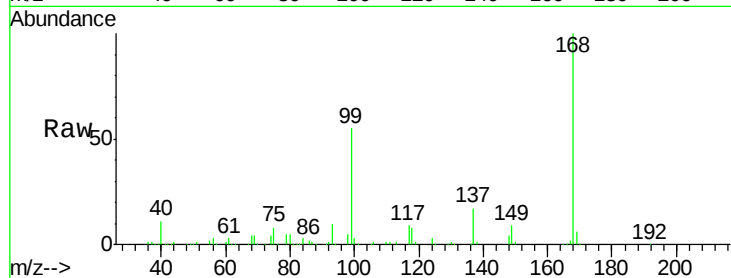
WP022SB436-190320-(22-24)DL

Tot Ion:168 Resp: 597625

Ion Ratio Lower Upper

168 100

99 55.4 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

250000

200000

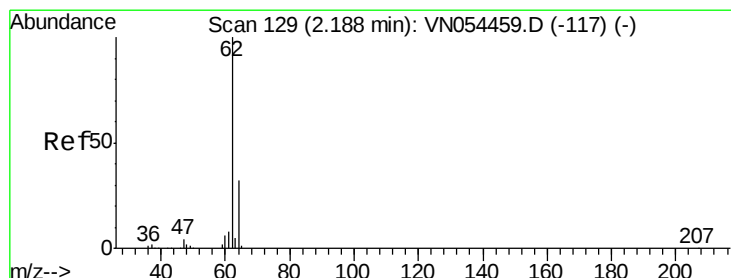
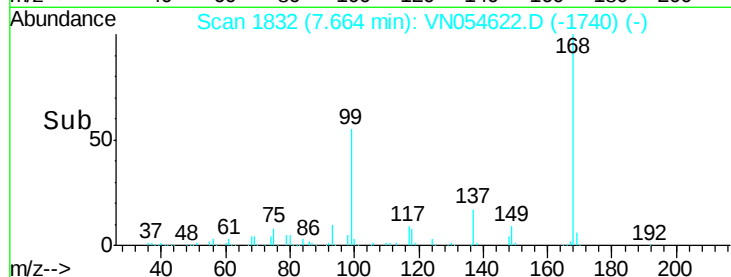
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 1.268 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN054622.D

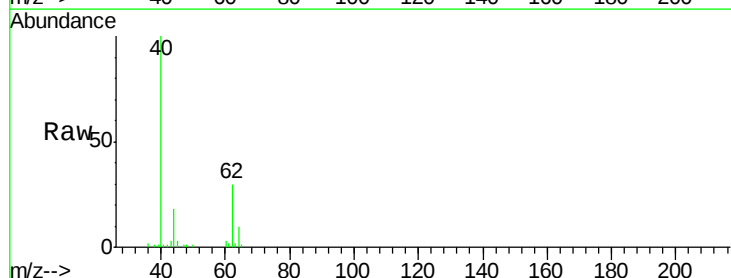
Acq: 24 Mar 2019 00:13

Tgt Ion: 62 Resp: 9894

Ion Ratio Lower Upper

62 100

64 33.2 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN

Ion 63.90 (63.60 to 64.60): VN

2.19

8000

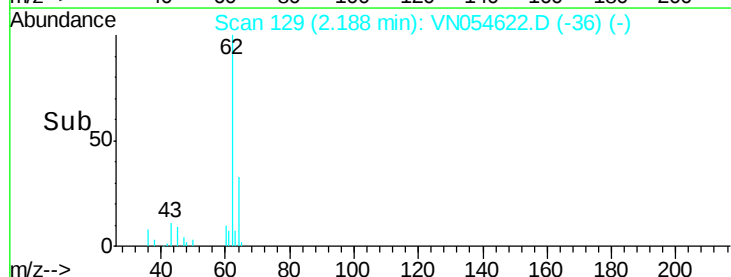
6000

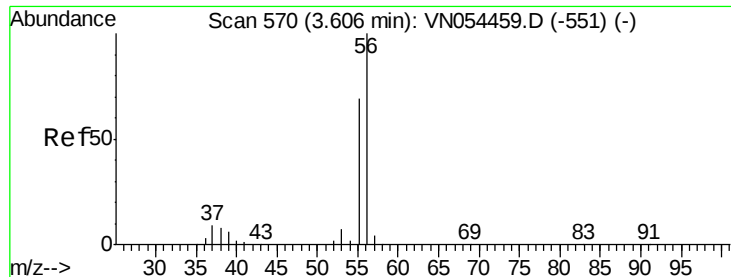
4000

2000

0

Time-->





#13

Acrolein

Concen: 0.319 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN054622.D

Acq: 24 Mar 2019 00:13

Instrument :

MSVOA_N

ClientSampleId :

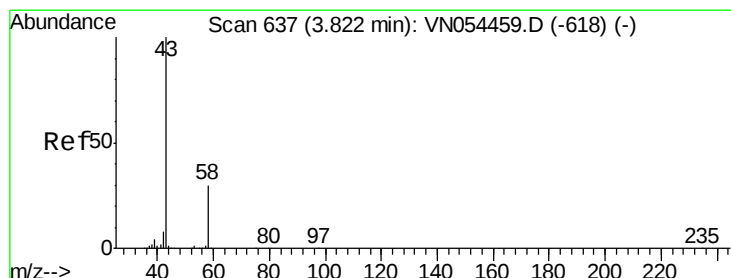
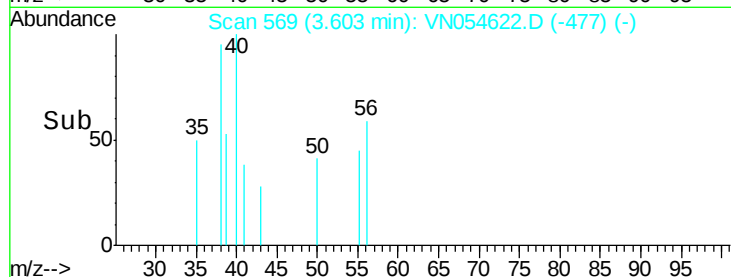
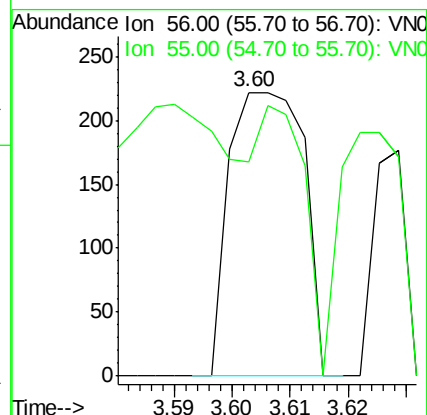
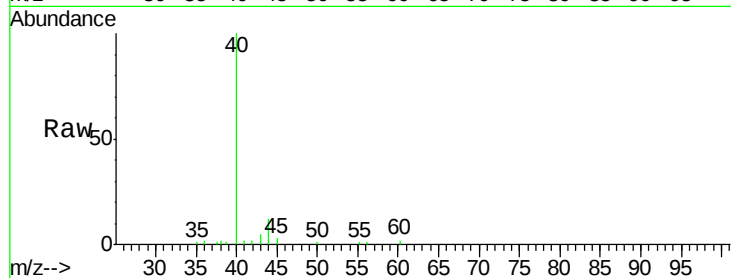
WP022SB436-190320-(22-24)DL

Tot Ion: 56 Resp: 198

Ion Ratio Lower Upper

56 100

55 149.0 56.7 85.1#



#16

Acetone

Concen: 0.308 ug/l

RT: 3.81 min Scan# 634

Delta R.T. -0.01 min

Lab File: VN054622.D

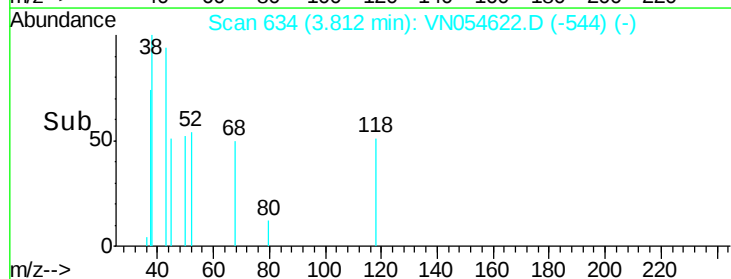
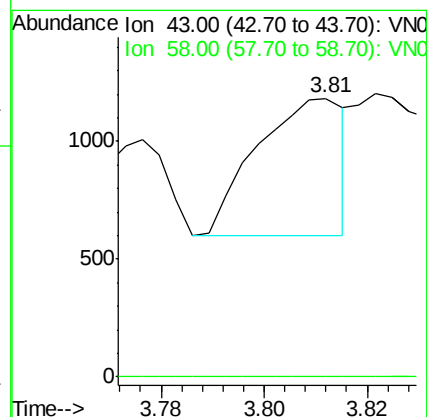
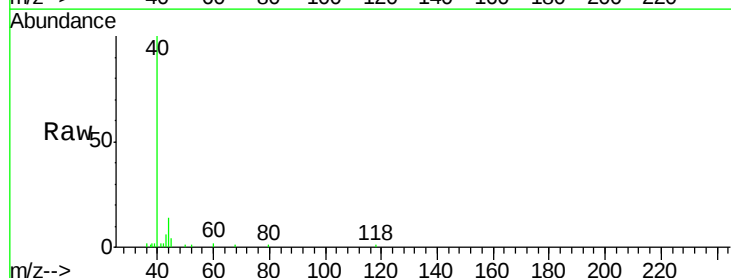
Acq: 24 Mar 2019 00:13

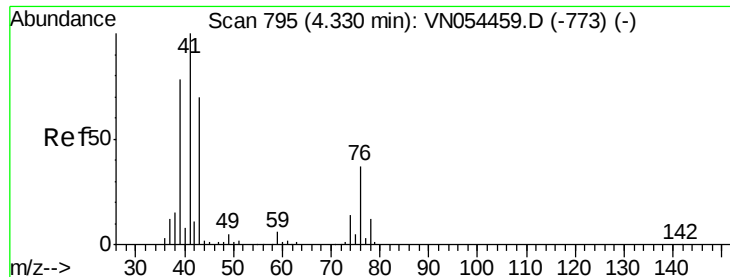
Tgt Ion: 43 Resp: 688

Ion Ratio Lower Upper

43 100

58 0.0 29.9 44.9#

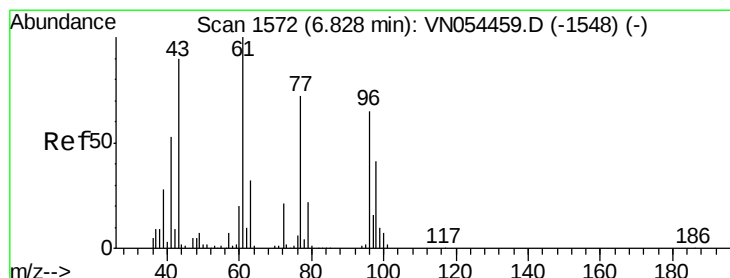
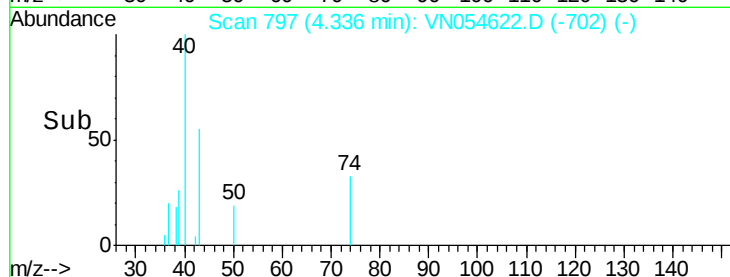
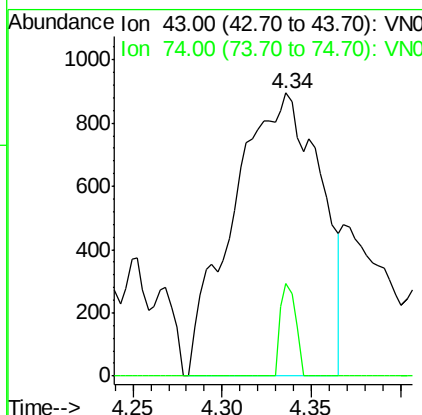
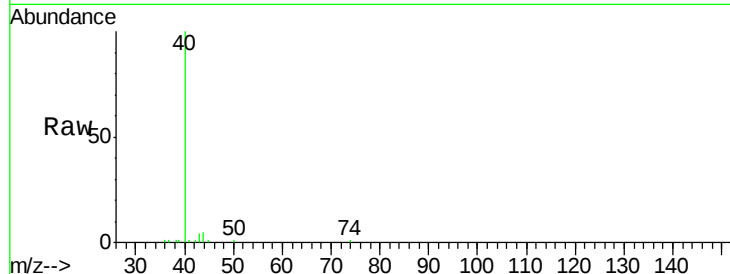




#18
Methyl Acetate
Concen: 0.611 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN054622.D
Acq: 24 Mar 2019 00:13

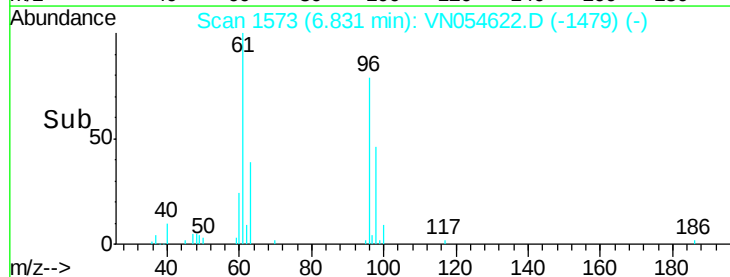
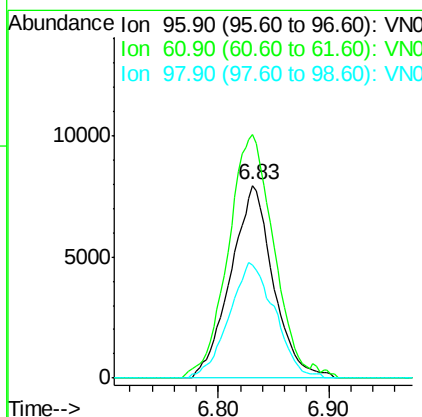
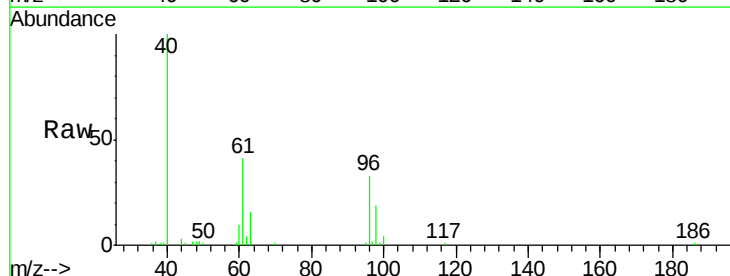
Instrument :
MSVOA_N
ClientSampleId :
WP022SB436-190320-(22-24)DL

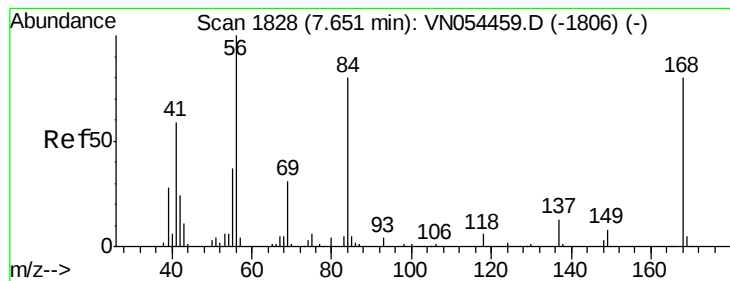
Tot Ion: 43 Resp: 3043
Ion Ratio Lower Upper
43 100
74 5.8 20.8 31.2#



#27
cis-1,2-Dichloroethene
Concen: 3.037 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VN054622.D
Acq: 24 Mar 2019 00:13

Tgt Ion: 96 Resp: 21321
Ion Ratio Lower Upper
96 100
61 134.1 0.0 273.0
98 64.2 0.0 130.6





#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN054622.D

Acq: 24 Mar 2019 00:13

Instrument :

MSVOA_N

ClientSampleId :

WP022SB436-190320-(22-24)DL

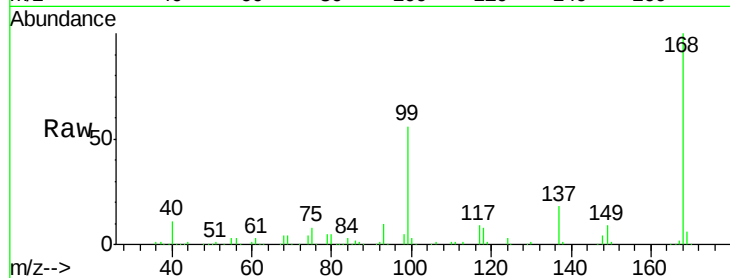
Tot Ion: 56 Resp: 17871

Ion Ratio Lower Upper

56 100

69 123.1 27.8 41.6#

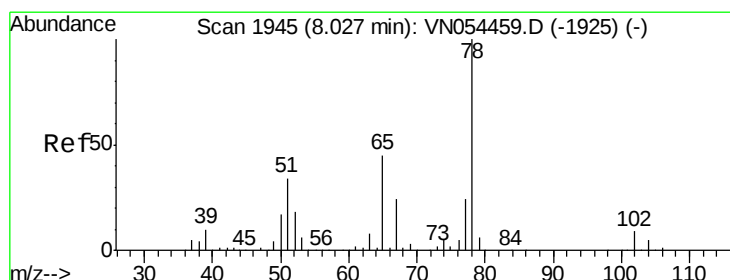
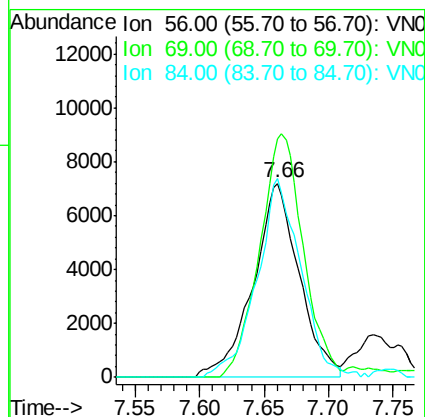
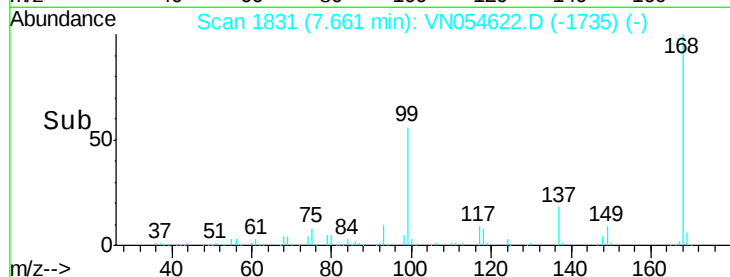
84 102.8 74.6 111.8



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: 50.812 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054622.D

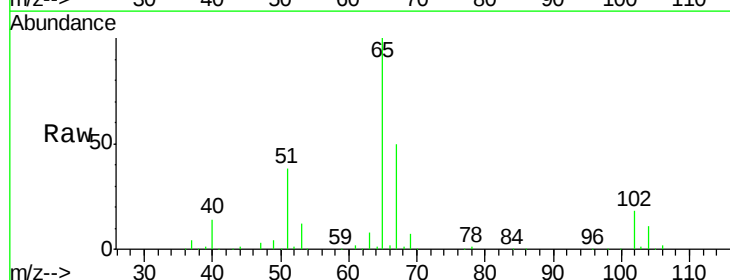
Acq: 24 Mar 2019 00:13

Tgt Ion: 65 Resp: 377709

Ion Ratio Lower Upper

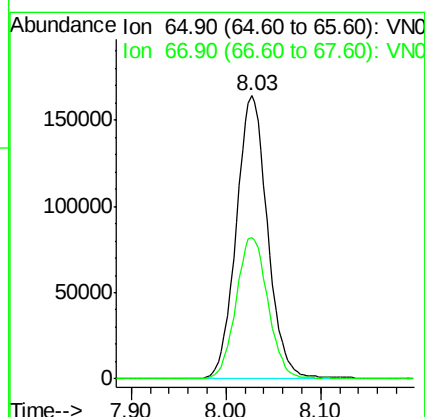
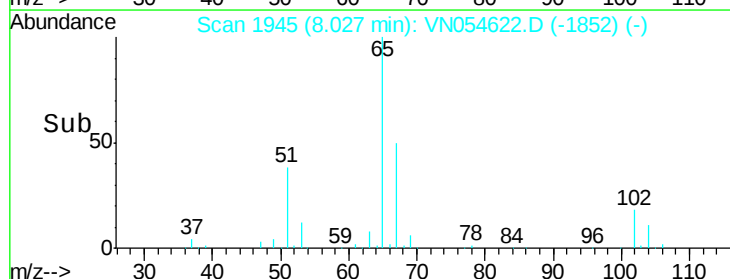
65 100

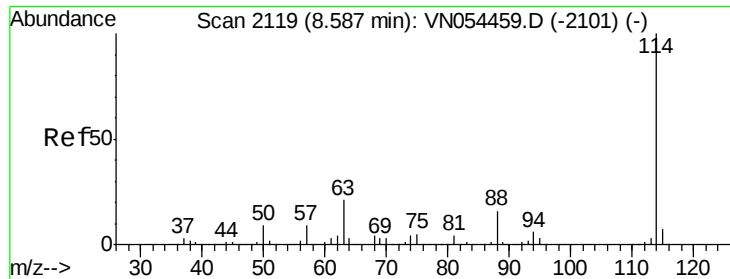
67 50.9 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

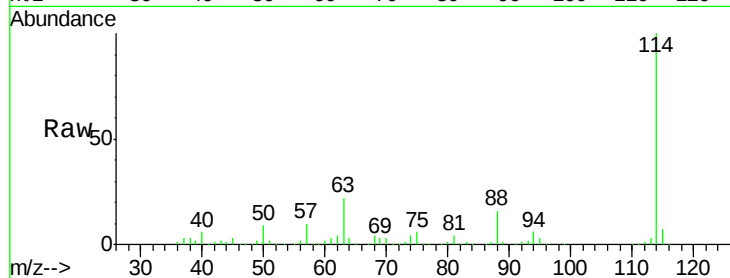




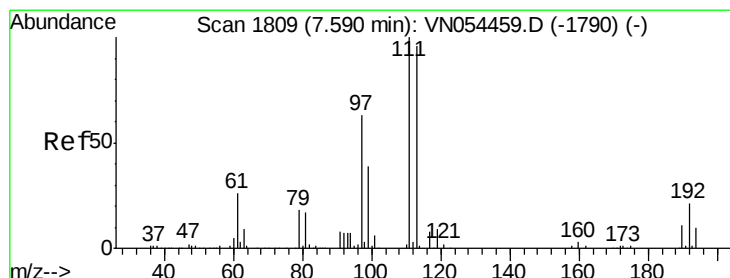
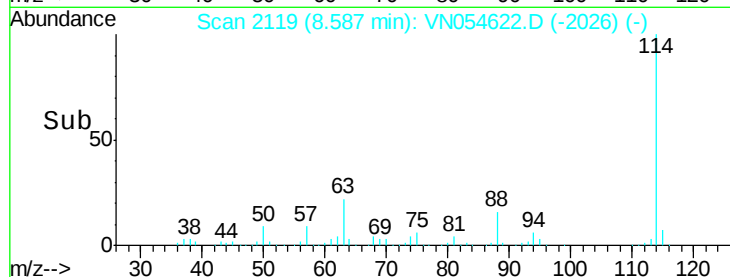
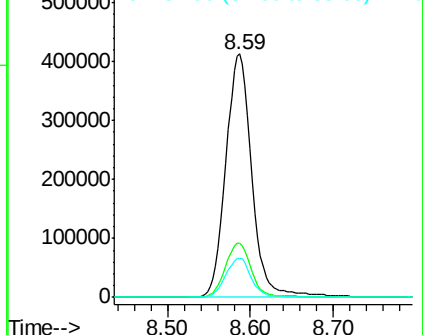
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054622.D
 Acq: 24 Mar 2019 00:13

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB436-190320-(22-24)DL

Tot Ion:114 Resp: 903942
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 35.2
 88 16.0 0.0 30.2

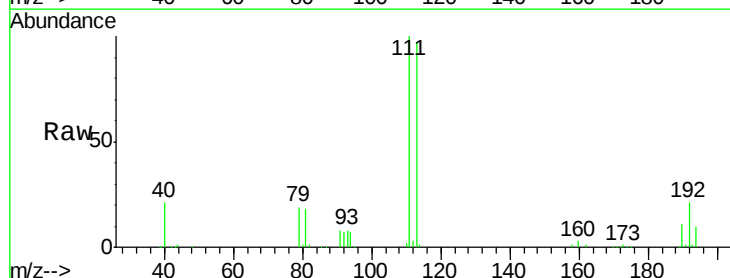


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

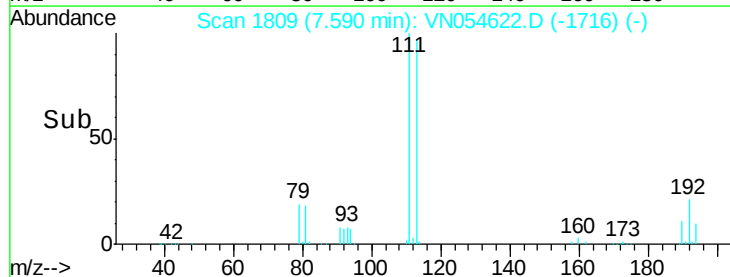
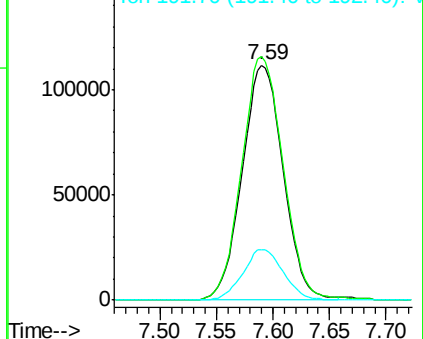


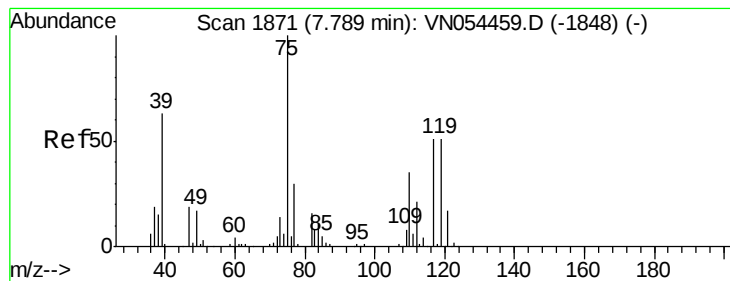
#35
 Dibromofluoromethane
 Concen: 48.401 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054622.D
 Acq: 24 Mar 2019 00:13

Tgt Ion:113 Resp: 281870
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.2 123.4
 192 21.2 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.241 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN054622.D

Acq: 24 Mar 2019 00:13

Instrument :

MSVOA_N

ClientSampleId :

WP022SB436-190320-(22-24)DL

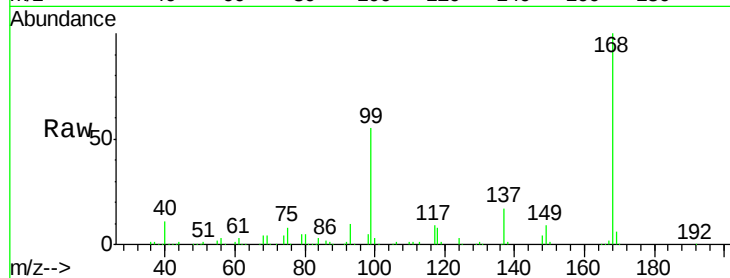
Tot Ion: 75 Resp: 44299

Ion Ratio Lower Upper

75 100

110 8.8 19.1 57.5#

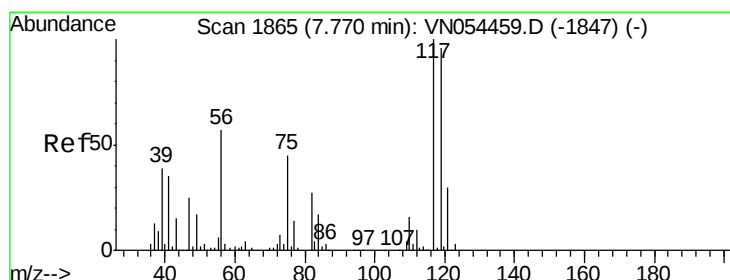
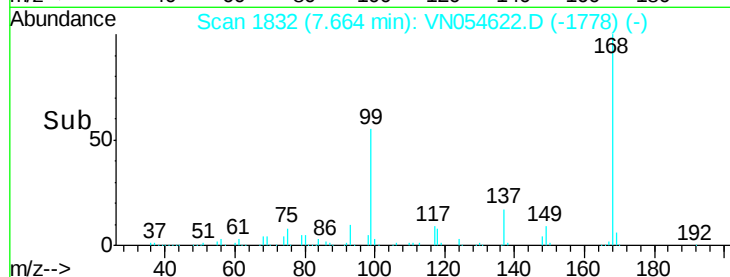
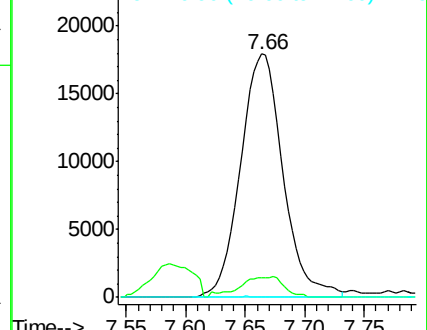
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0



#38

Carbon Tetrachloride

Concen: 6.481 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN054622.D

Acq: 24 Mar 2019 00:13

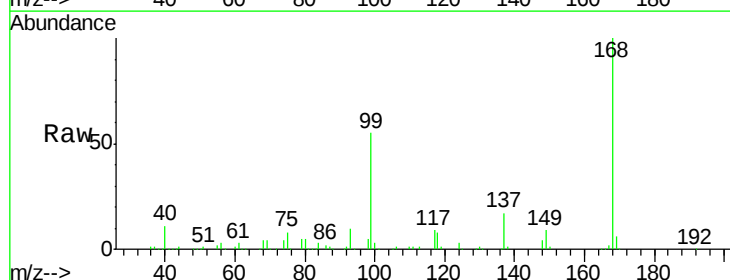
Tgt Ion: 117 Resp: 53232

Ion Ratio Lower Upper

117 100

119 6.5 76.3 114.5#

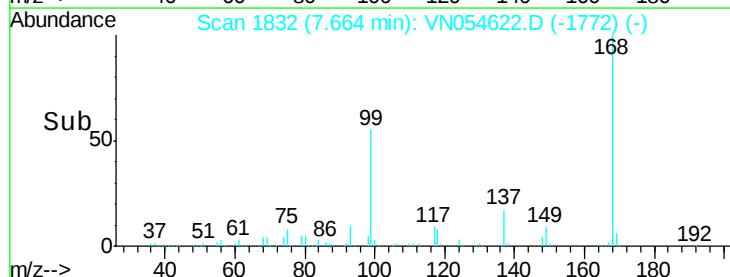
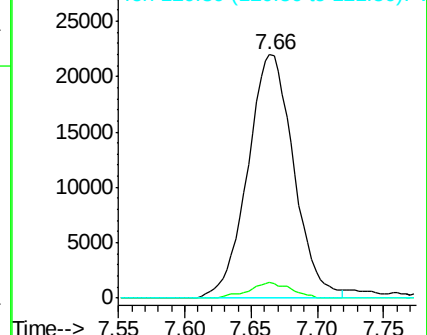
121 0.0 24.6 36.8#

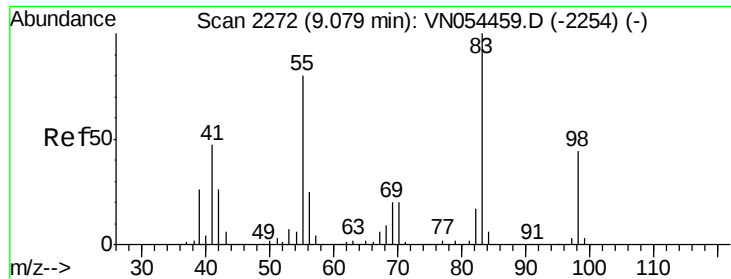


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

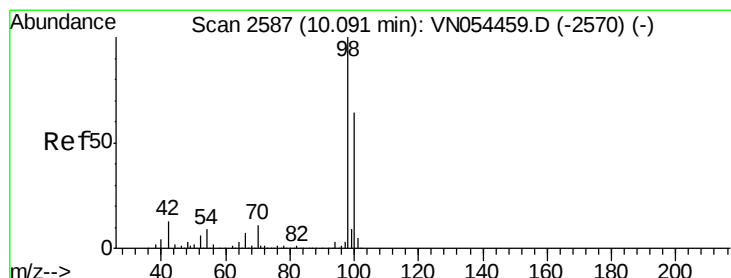
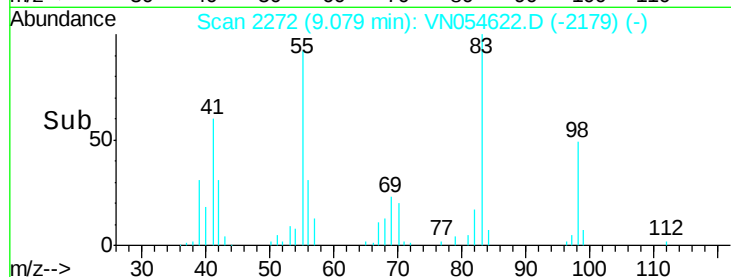
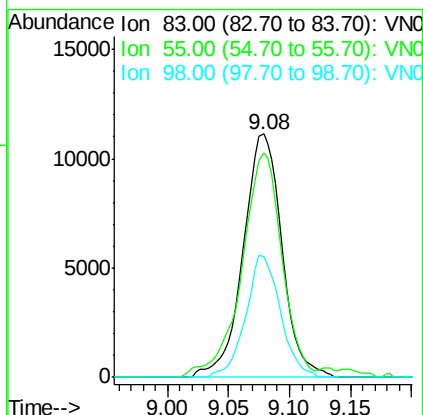
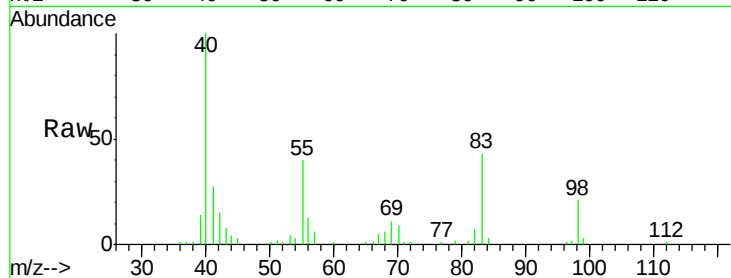




#39
Methvlcvclohexane
Concen: 2.530 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN054622.D
Acq: 24 Mar 2019 00:13

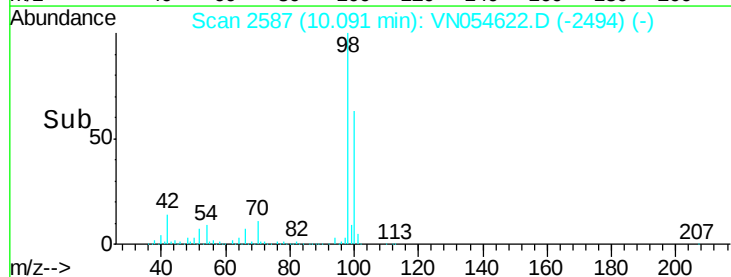
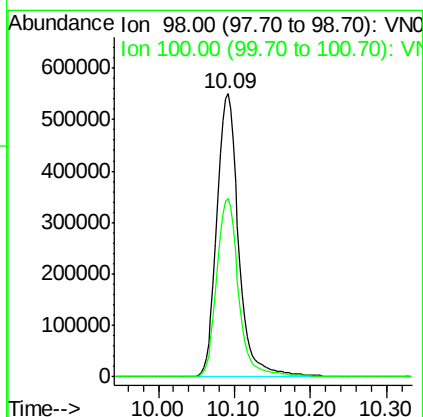
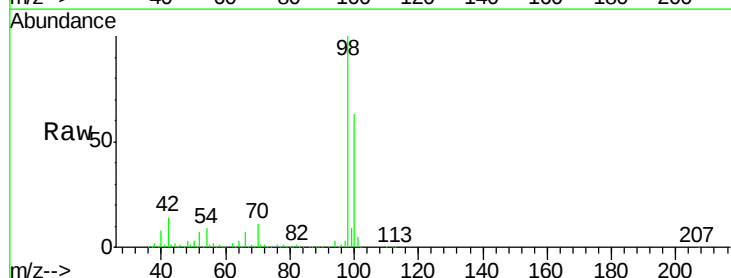
Instrument :
MSVOA_N
ClientSampleId :
WP022SB436-190320-(22-24)DL

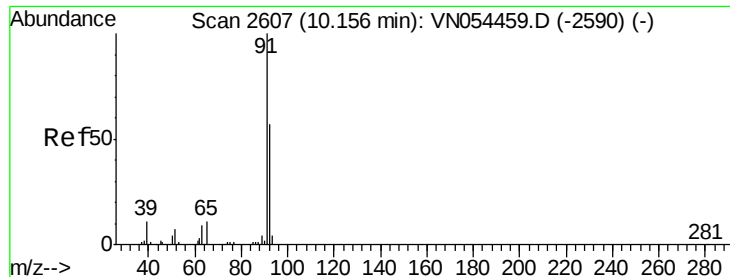
Tot Ion: 83 Resp: 24465
Ion Ratio Lower Upper
83 100
55 90.0 56.6 84.8#
98 49.4 38.4 57.6



#50
Toluene-d8
Concen: 50.155 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054622.D
Acq: 24 Mar 2019 00:13

Tgt Ion: 98 Resp: 1098067
Ion Ratio Lower Upper
98 100
100 63.7 51.2 76.8





#52

Toluene

Concen: 0.279 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054622.D

Acq: 24 Mar 2019 00:13

Instrument :

MSVOA_N

ClientSampleId :

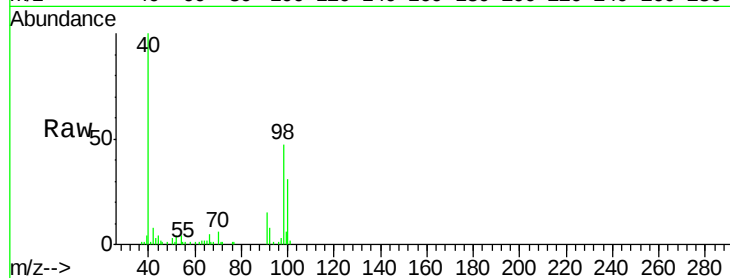
WP022SB436-190320-(22-24)DL

Tot Ion: 92 Resp: 4151

Ion Ratio Lower Upper

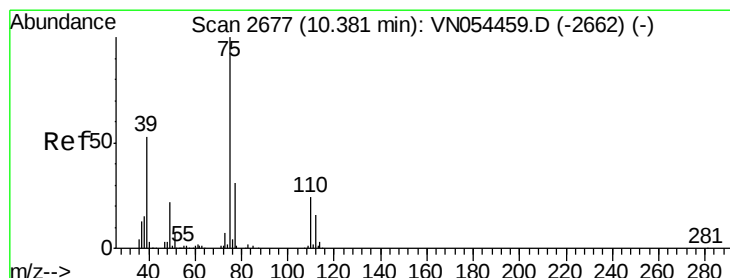
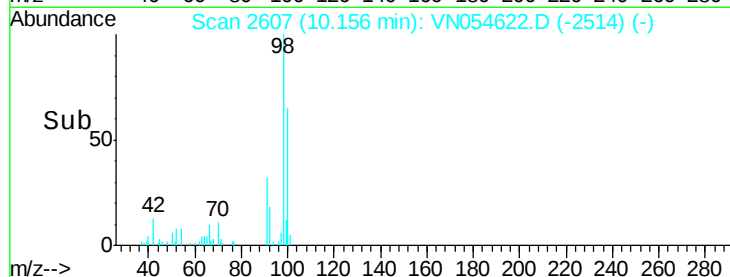
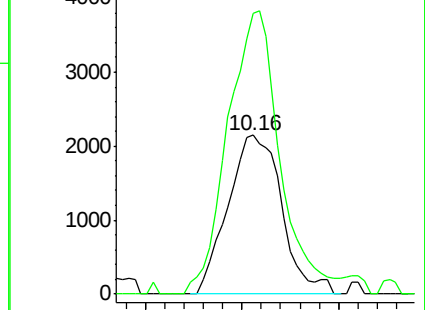
92 100

91 172.6 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN054459.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN054459.D (-2590) (-)



#53

t-1,3-Dichloropropene

Concen: 2.239 ug/l

RT: 10.10 min Scan# 2590

Delta R.T. -0.28 min

Lab File: VN054622.D

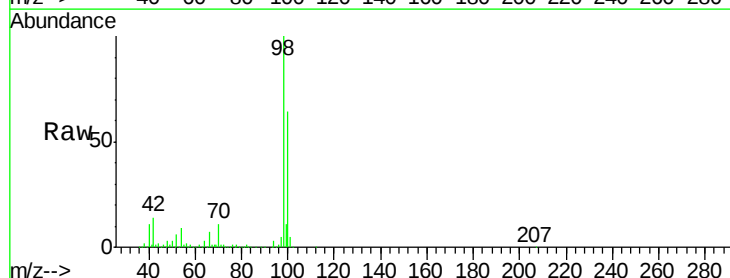
Acq: 24 Mar 2019 00:13

Tgt Ion: 75 Resp: 66

Ion Ratio Lower Upper

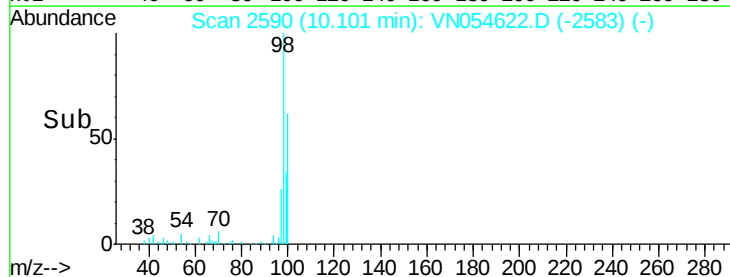
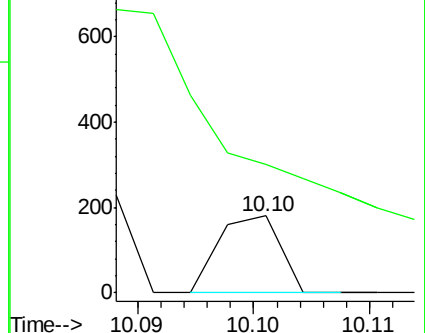
75 100

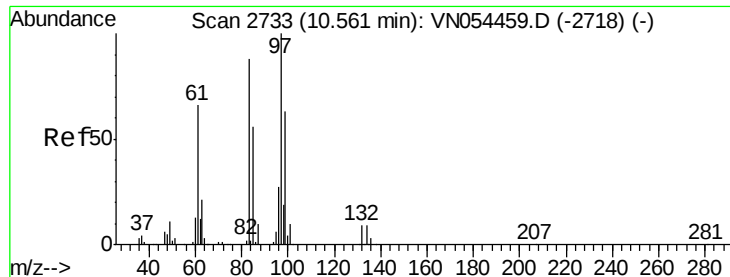
77 37.8 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VN054459.D (-2662) (-)

Ion 76.90 (76.60 to 77.60): VN054459.D (-2662) (-)





#55

1,1,2-Trichloroethane

Concen: 0.602 ug/l

RT: 10.53 min Scan# 2722

Delta R.T. -0.04 min

Lab File: VN054622.D

Acq: 24 Mar 2019 00:13

Instrument :

MSVOA_N

ClientSampleId :

WP022SB436-190320-(22-24)DL

Tot Ion: 97 Resp: 3216

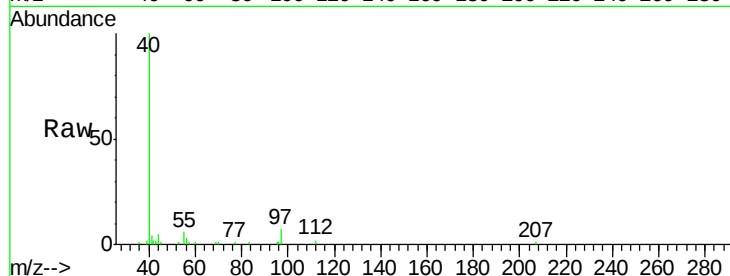
Ion Ratio Lower Upper

97 100

83 9.4 66.6 100.0#

85 0.0 44.4 66.6#

99 0.0 50.8 76.2#

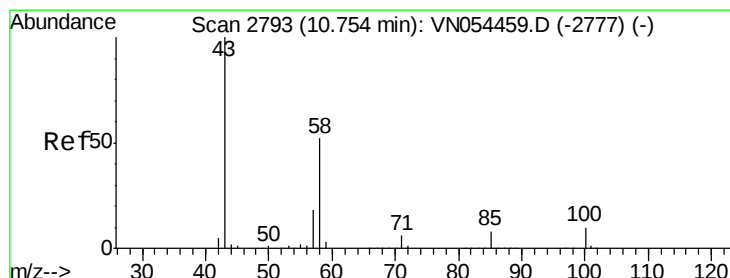
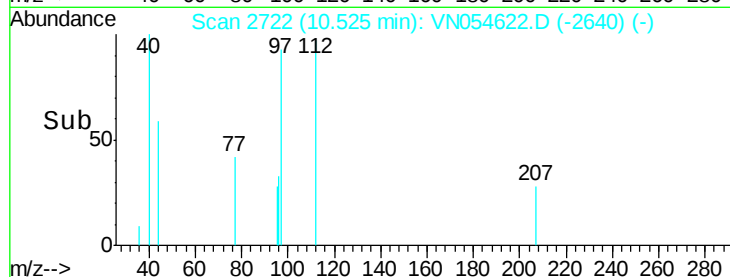
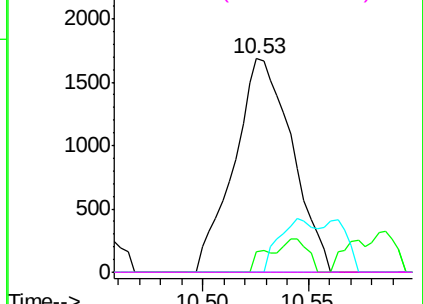


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#59

2-Hexanone

Concen: 2.156 ug/l

RT: 10.72 min Scan# 2782

Delta R.T. -0.04 min

Lab File: VN054622.D

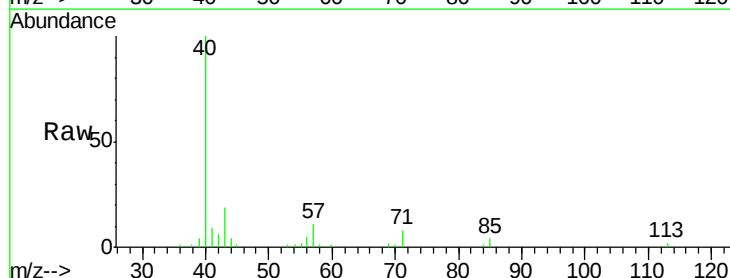
Acq: 24 Mar 2019 00:13

Tgt Ion: 43 Resp: 7925

Ion Ratio Lower Upper

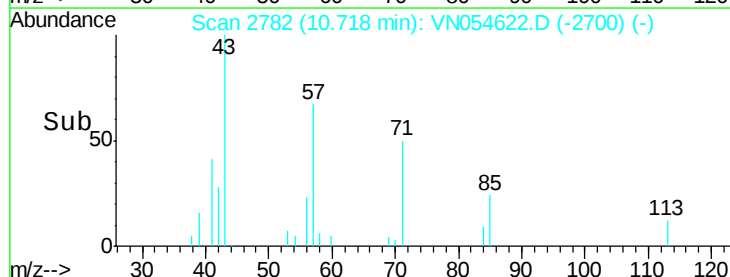
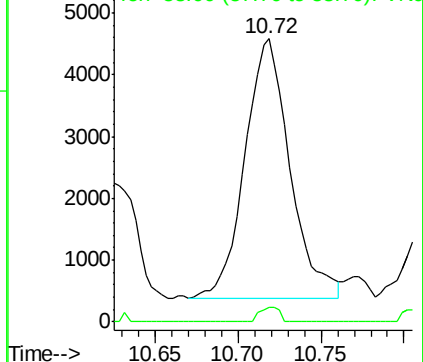
43 100

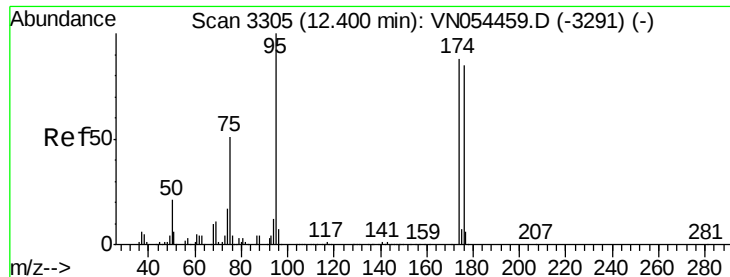
58 2.4 28.0 83.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 47.797 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054622.D

Acq: 24 Mar 2019 00:13

Instrument :

MSVOA_N

ClientSampleId :

WP022SB436-190320-(22-24)DL

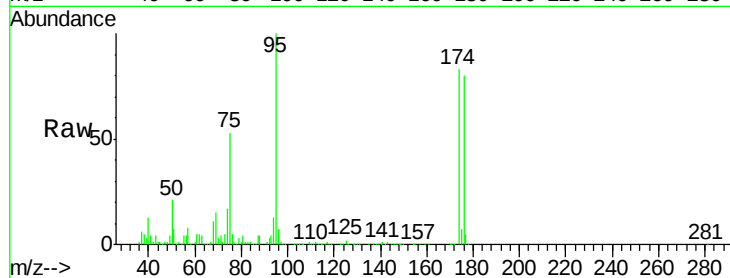
Tot Ion: 95 Resp: 356085

Ion Ratio Lower Upper

95 100

174 85.7 0.0 191.0

176 83.0 0.0 187.4

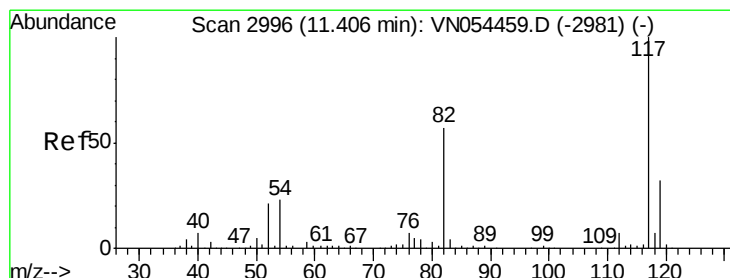
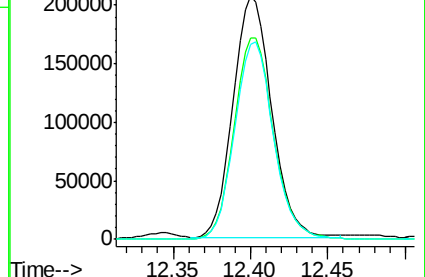
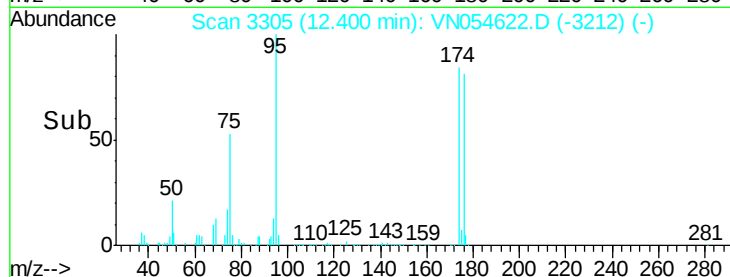


Abundance Ion 94.90 (94.60 to 95.60): VN054459.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054459.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054459.D (-3291) (-)

12.40



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054622.D

Acq: 24 Mar 2019 00:13

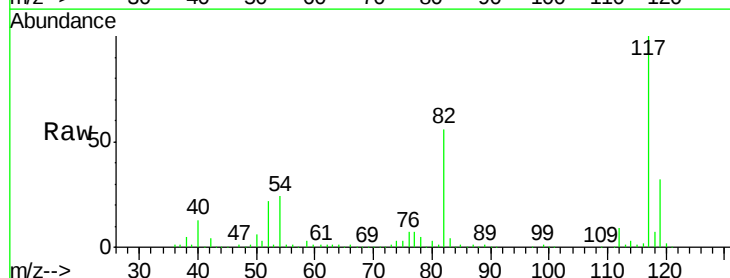
Tgt Ion: 117 Resp: 779838

Ion Ratio Lower Upper

117 100

82 56.0 40.0 60.0

119 31.7 25.8 38.6

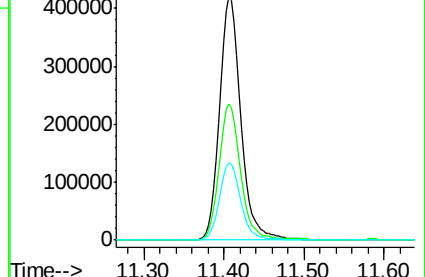
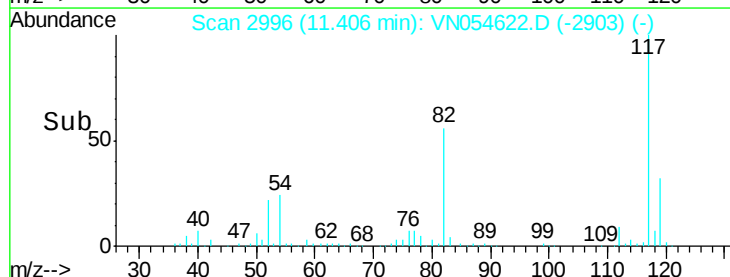


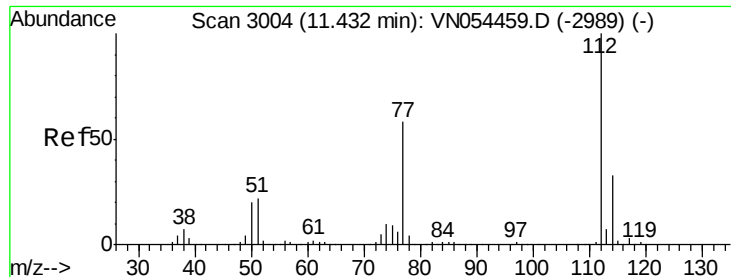
Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN054459.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN054459.D (-2981) (-)

11.41

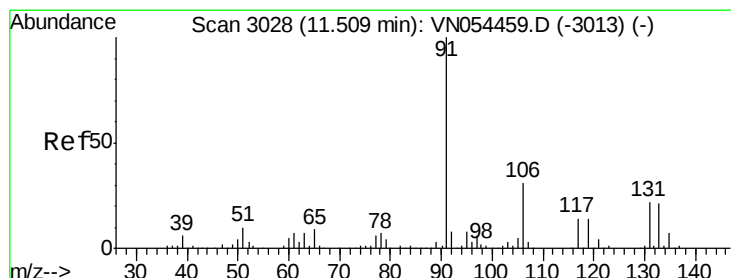
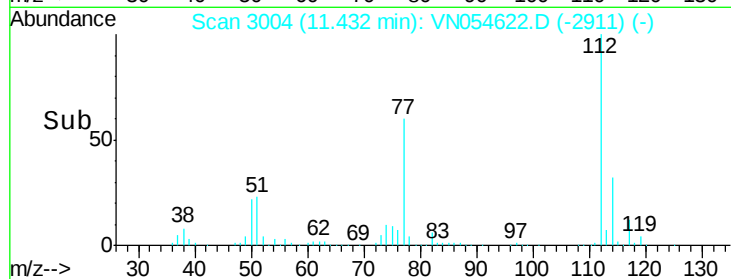
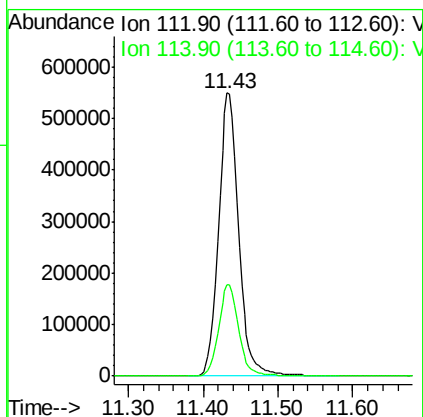
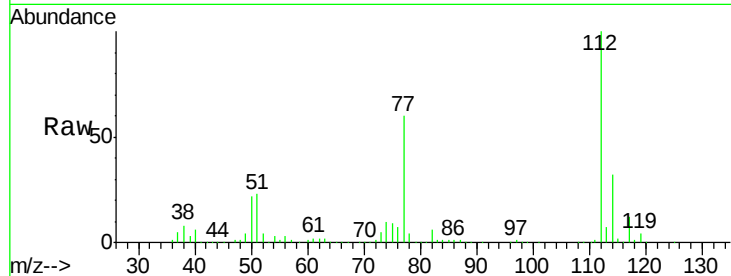




#65
Chlorobenzene
Concen: 64.137 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN054622.D
Acq: 24 Mar 2019 00:13

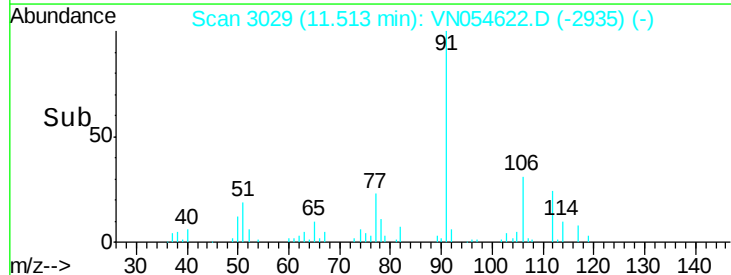
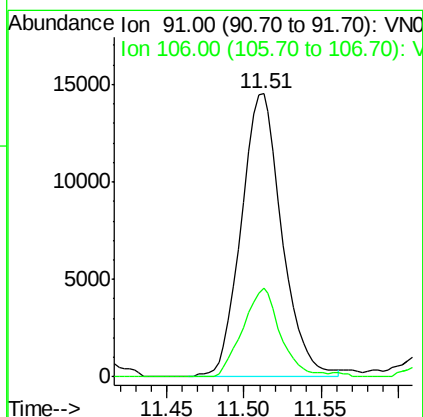
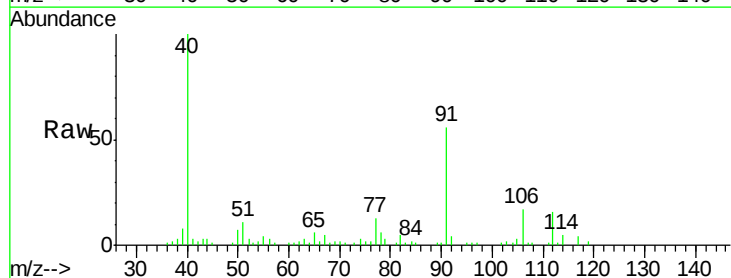
Instrument :
MSVOA_N
ClientSampleId :
WP022SB436-190320-(22-24)DL

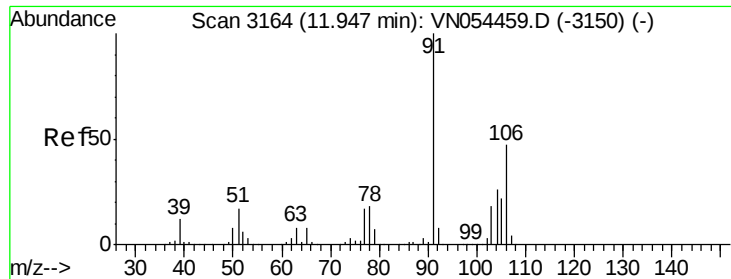
Tot Ion:112 Resp: 1017273
Ion Ratio Lower Upper
112 100
114 32.5 25.9 38.9



#67
Ethyl Benzene
Concen: 0.951 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN054622.D
Acq: 24 Mar 2019 00:13

Tgt Ion: 91 Resp: 26649
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3

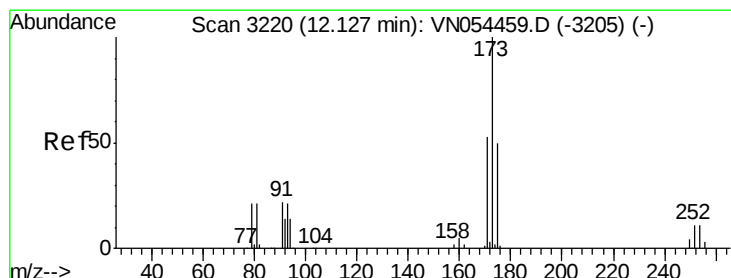
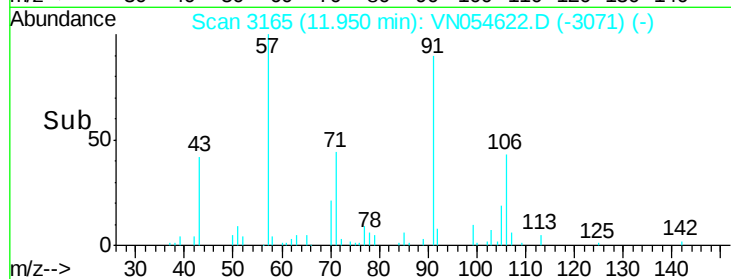
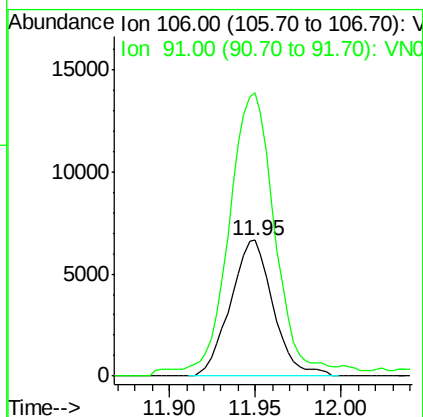
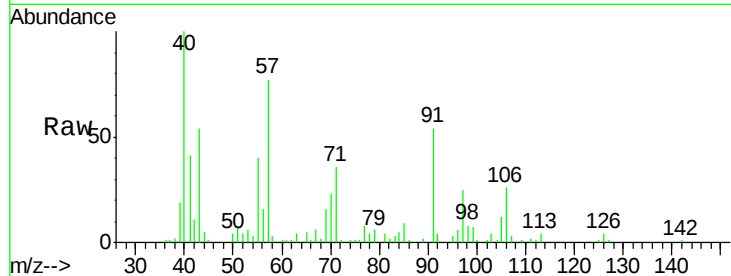




#69
o-Xylene
Concen: 1.111 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN054622.D
Acq: 24 Mar 2019 00:13

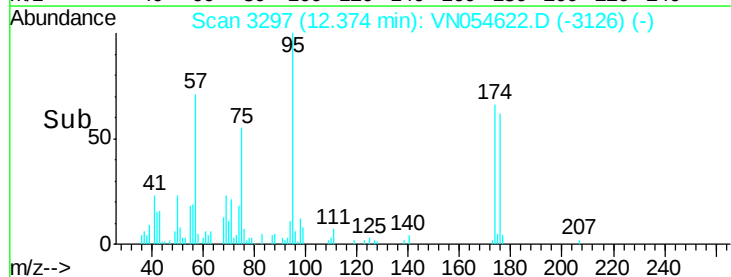
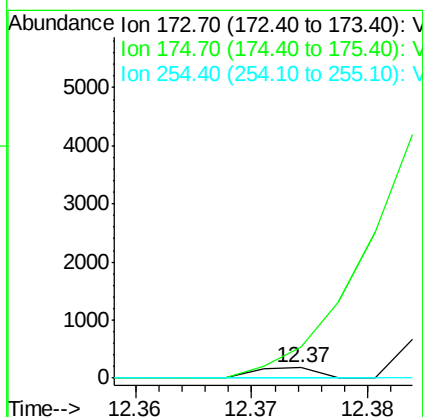
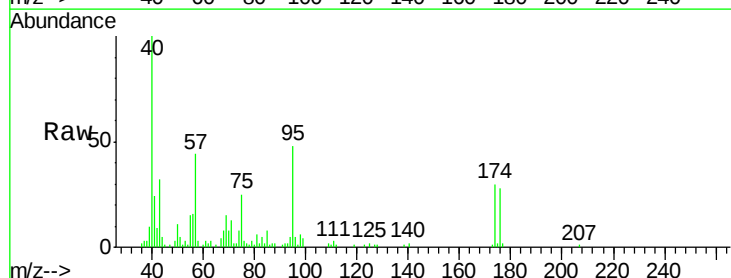
Instrument :
MSVOA_N
ClientSampleId :
WP022SB436-190320-(22-24)DL

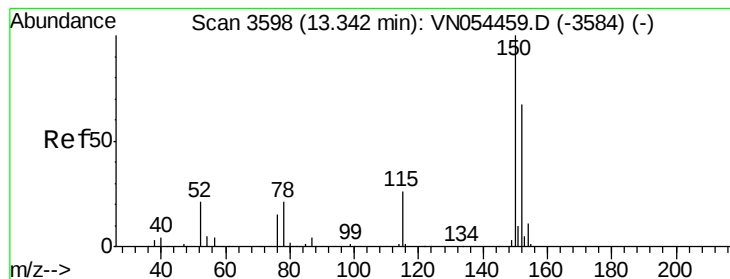
Tot Ion:106 Resp: 11513
Ion Ratio Lower Upper
106 100
91 208.4 105.7 317.1



#71
Bromoform
Concen: 2.236 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.25 min
Lab File: VN054622.D
Acq: 24 Mar 2019 00:13

Tgt Ion:173 Resp: 66
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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054622.D

Acq: 24 Mar 2019 00:13

Instrument :

MSVOA_N

ClientSampleId :

WP022SB436-190320-(22-24)DL

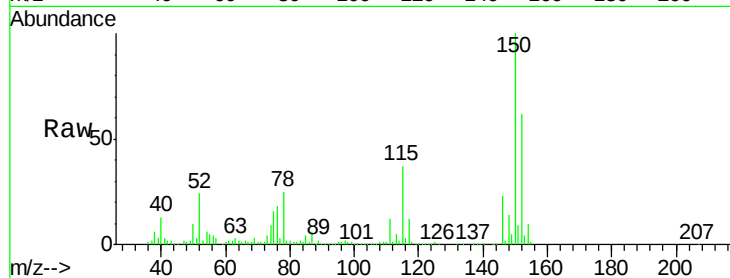
Tot Ion:152 Resp: 329912

Ion Ratio Lower Upper

152 100

115 59.7 27.2 81.6

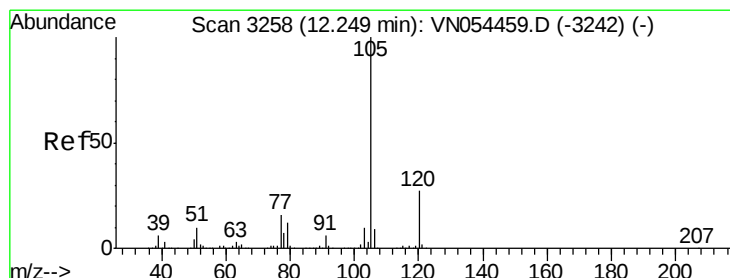
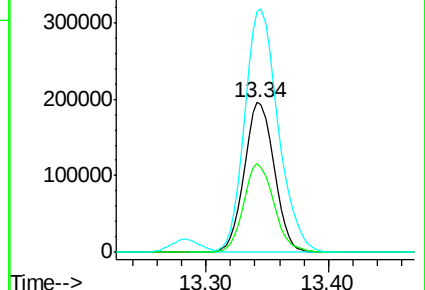
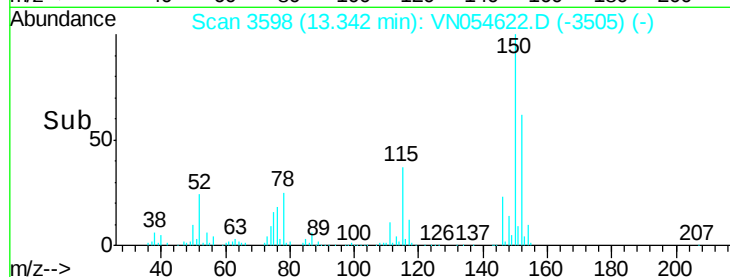
150 181.6 0.0 349.2



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



#73

Isopropylbenzene

Concen: 0.860 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN054622.D

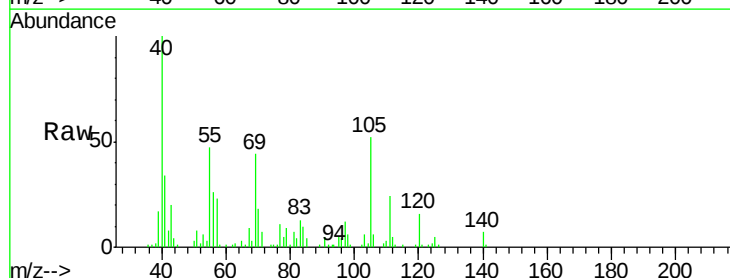
Acq: 24 Mar 2019 00:13

Tgt Ion:105 Resp: 22874

Ion Ratio Lower Upper

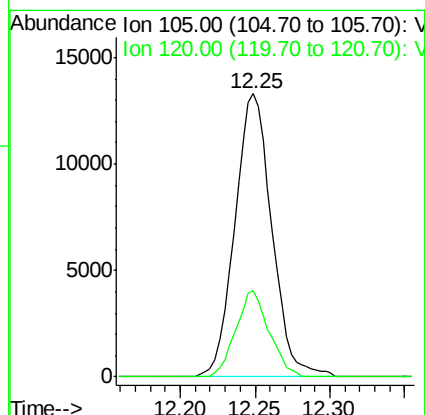
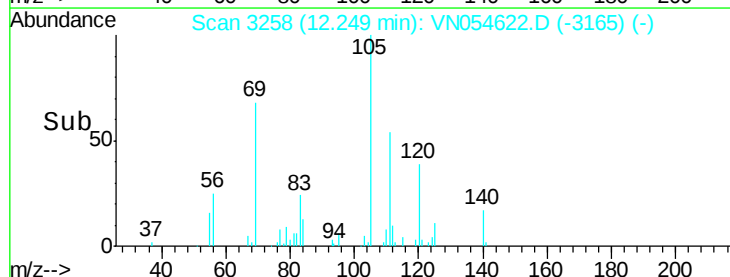
105 100

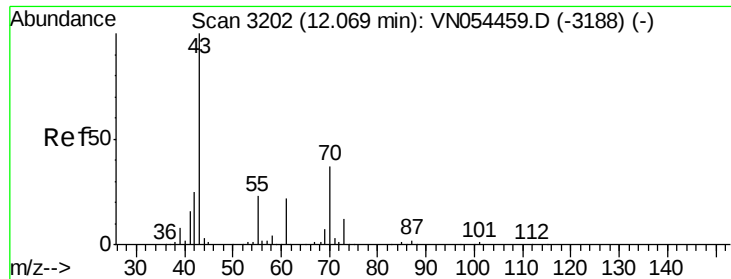
120 27.4 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 13.465 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN054622.D

Acq: 24 Mar 2019 00:13

Instrument :

MSVOA_N

ClientSampleId :

WP022SB436-190320-(22-24)DL

Tot Ion: 43 Resp: 102926

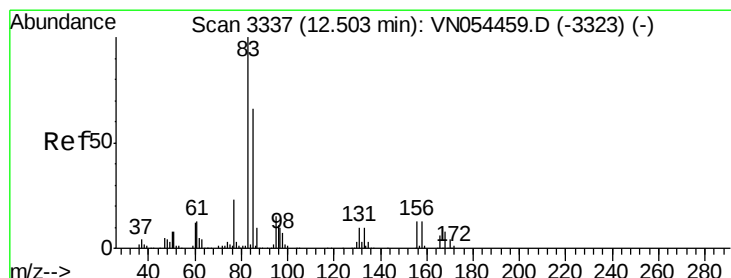
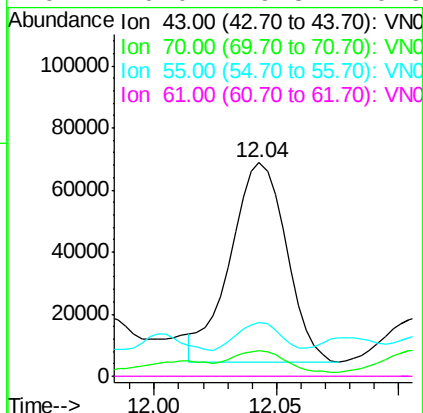
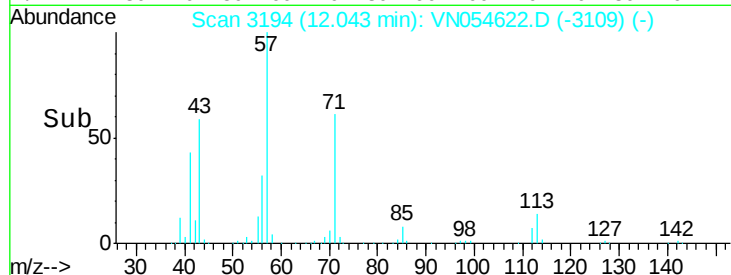
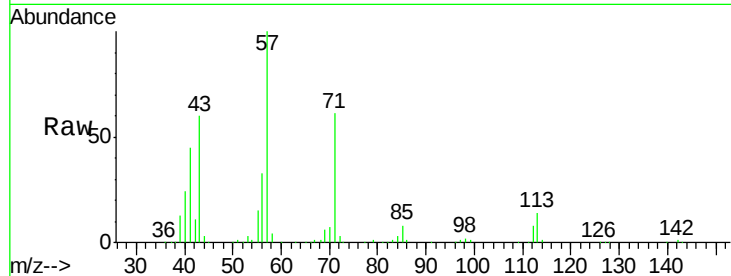
Ion Ratio Lower Upper

43 100

70 10.2 35.4 53.0#

55 13.6 19.8 29.6#

61 0.0 19.8 29.6#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.689 ug/l

RT: 12.47 min Scan# 3327

Delta R.T. -0.03 min

Lab File: VN054622.D

Acq: 24 Mar 2019 00:13

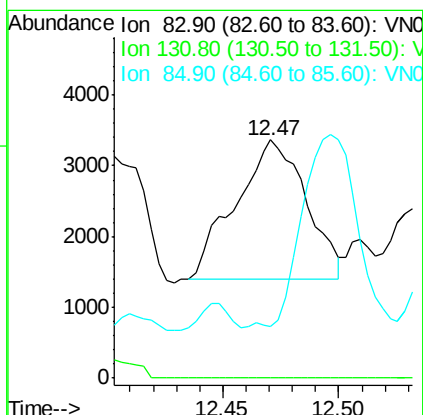
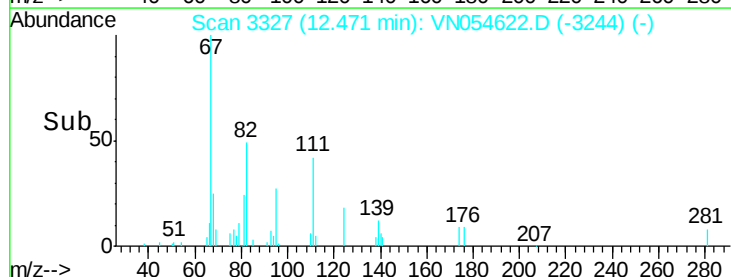
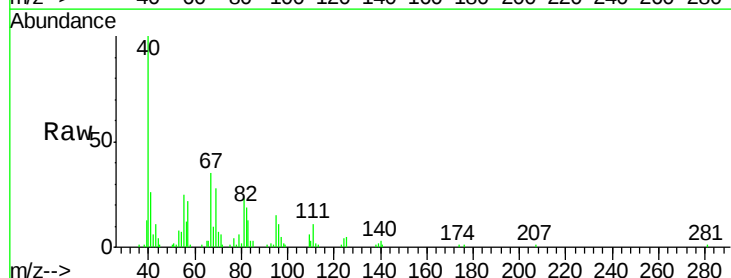
Tgt Ion: 83 Resp: 4180

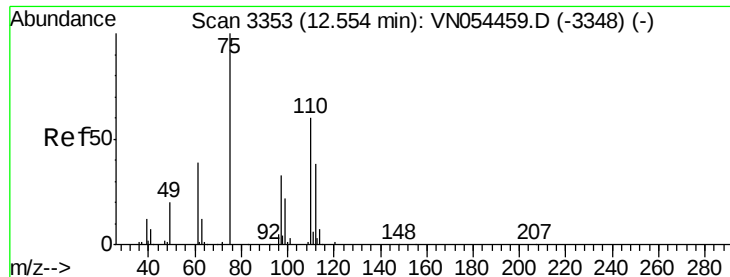
Ion Ratio Lower Upper

83 100

131 0.0 5.8 17.4#

85 0.0 32.2 96.6#

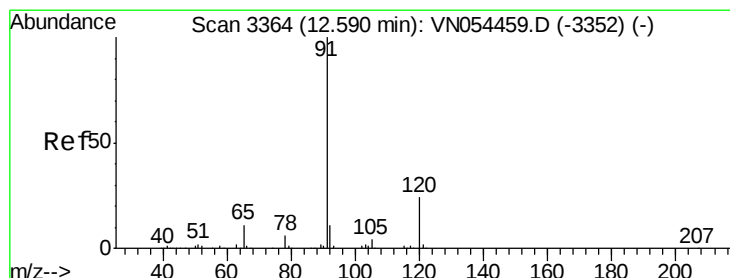
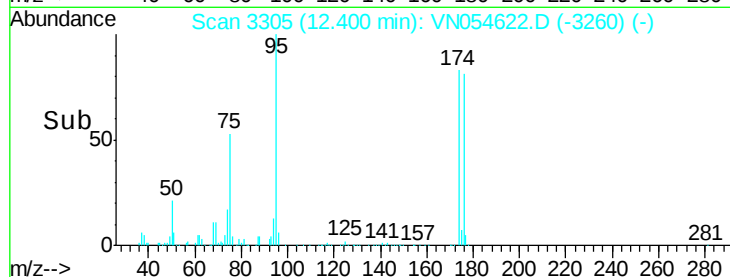
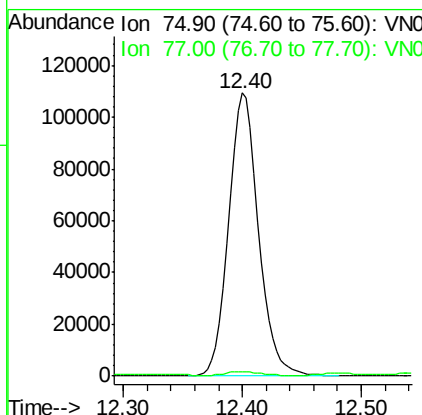
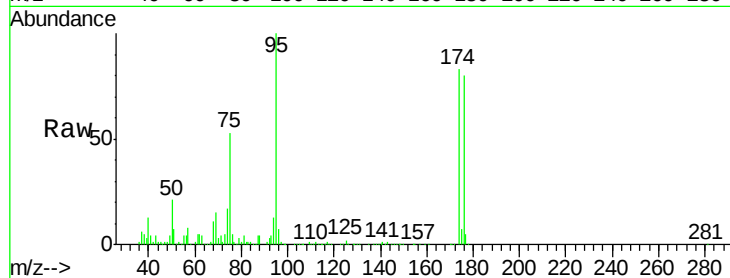




#76
 1,2,3-Trichloropropane
 Concen: 36.281 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN054622.D
 Acq: 24 Mar 2019 00:13

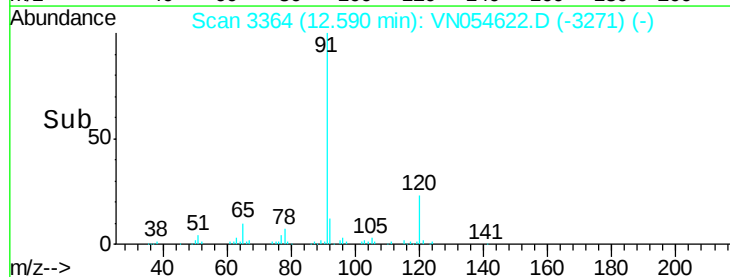
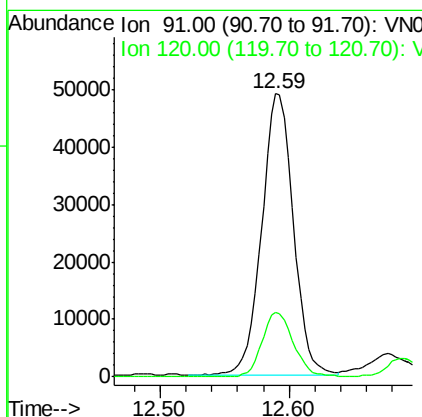
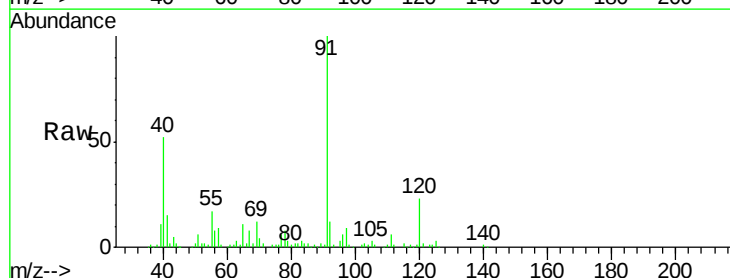
Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB436-190320-(22-24)DL

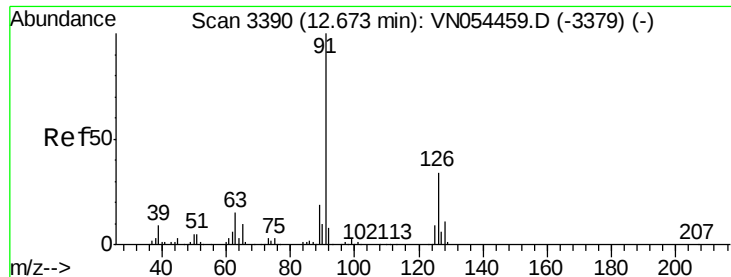
Tot Ion: 75 Resp: 189938
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#



#78
 n-propylbenzene
 Concen: 2.908 ug/l
 RT: 12.59 min Scan# 3364
 Delta R.T. -0.00 min
 Lab File: VN054622.D
 Acq: 24 Mar 2019 00:13

Tgt Ion: 91 Resp: 83828
 Ion Ratio Lower Upper
 91 100
 120 22.9 12.3 36.9





#79

2-Chlorotoluene

Concen: 0.358 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN054622.D

Acq: 24 Mar 2019 00:13

Instrument :

MSVOA_N

ClientSampleId :

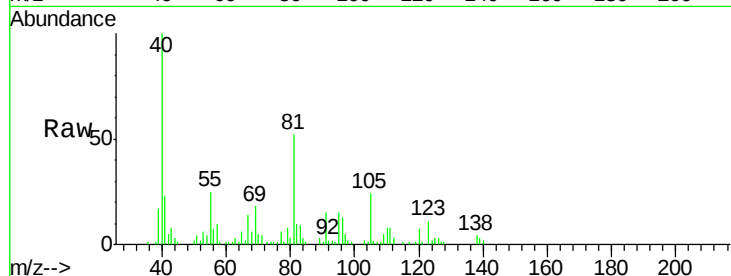
WP022SB436-190320-(22-24)DL

Tot Ion: 91 Resp: 6442

Ion Ratio Lower Upper

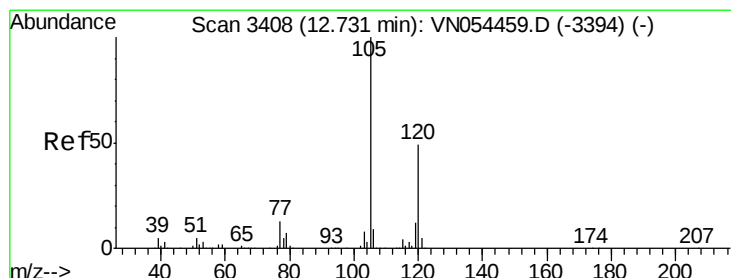
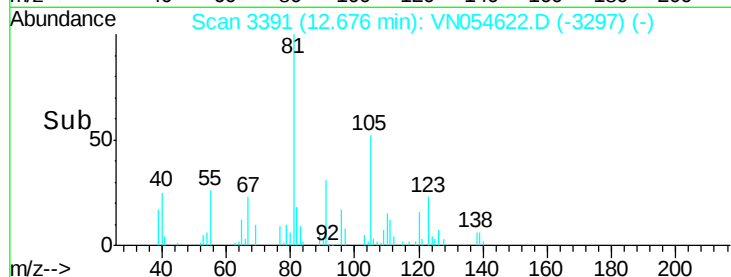
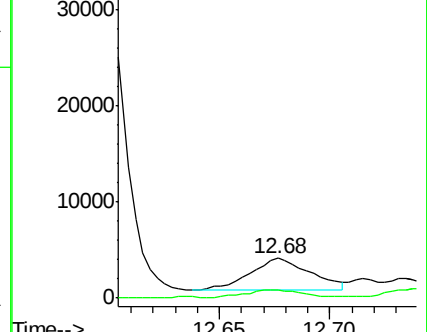
91 100

126 25.0 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VN054459.D (-3379) (-)

Ion 125.90 (125.60 to 126.60): VN054459.D (-3379) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.696 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054622.D

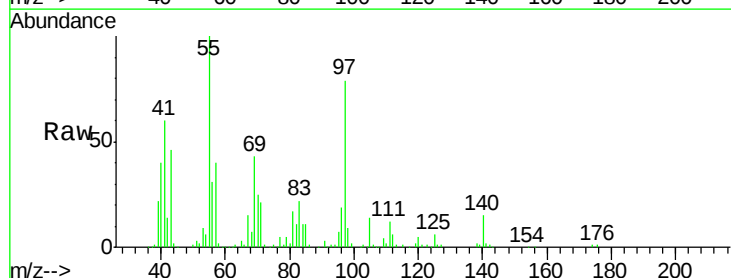
Acq: 24 Mar 2019 00:13

Tgt Ion: 105 Resp: 15162

Ion Ratio Lower Upper

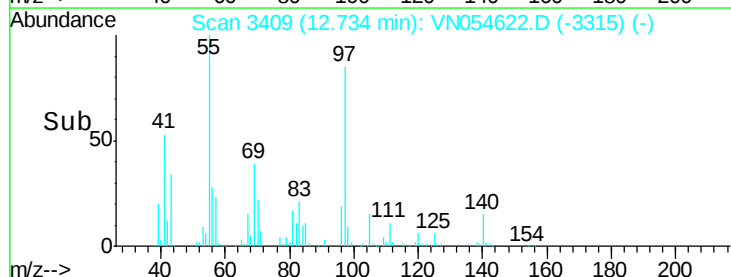
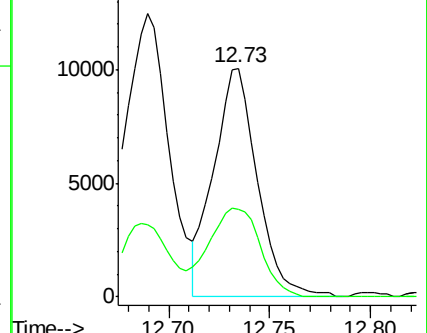
105 100

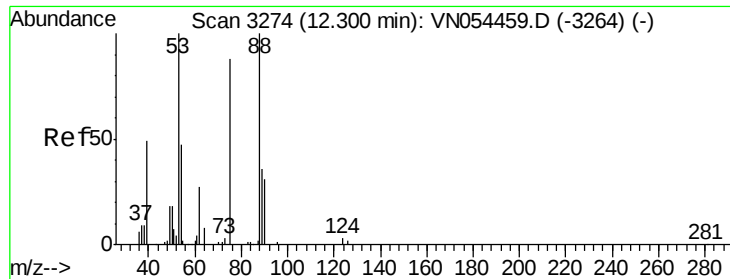
120 46.1 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VN054459.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN054459.D (-3394) (-)

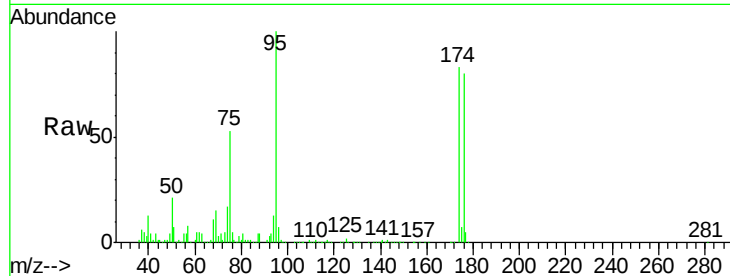




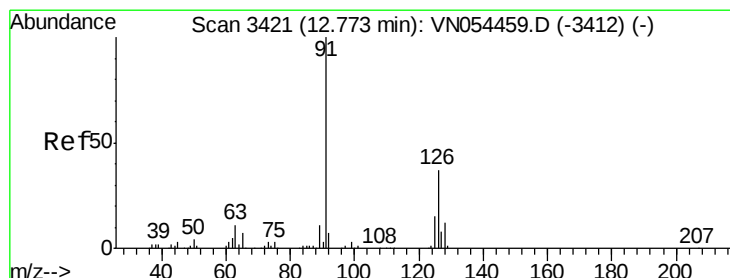
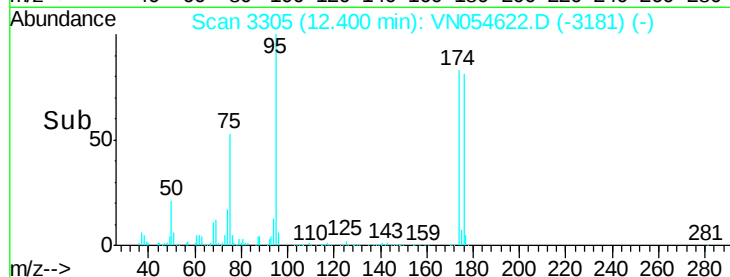
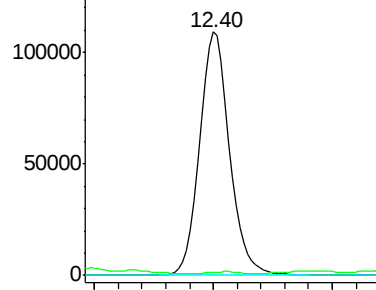
#81
trans-1,4-Dichloro-2-butene
Concen: 120.311 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054622.D
Acq: 24 Mar 2019 00:13

Instrument :
MSVOA_N
ClientSampleId :
WP022SB436-190320-(22-24)DL

Tot Ion: 75 Resp: 189938
Ion Ratio Lower Upper
75 100
53 0.9 76.2 114.2#
89 0.0 39.2 58.8#

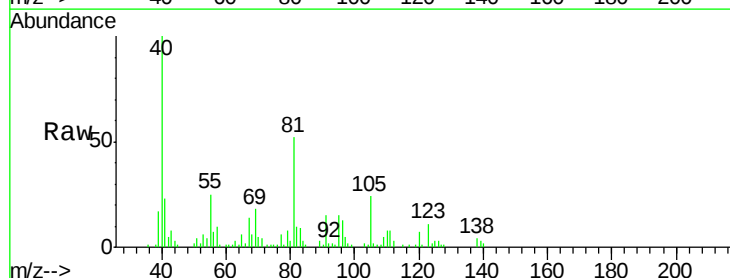


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0

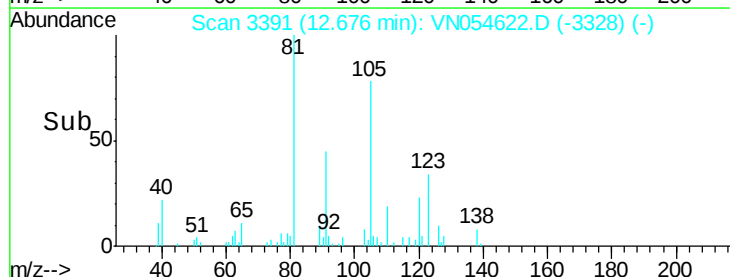
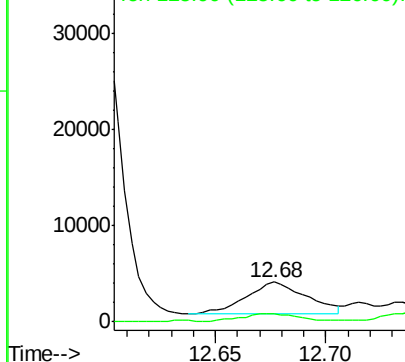


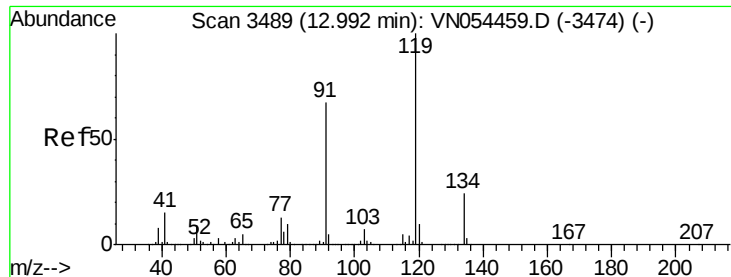
#82
4-Chlorotoluene
Concen: 0.370 ug/l
RT: 12.68 min Scan# 3391
Delta R.T. -0.10 min
Lab File: VN054622.D
Acq: 24 Mar 2019 00:13

Tgt Ion: 91 Resp: 6442
Ion Ratio Lower Upper
91 100
126 25.0 18.1 54.1



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 125.90 (125.60 to 126.60): V

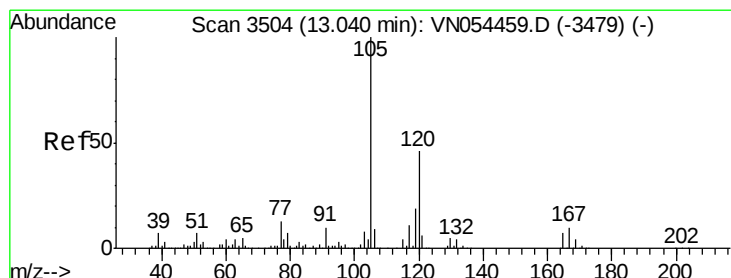
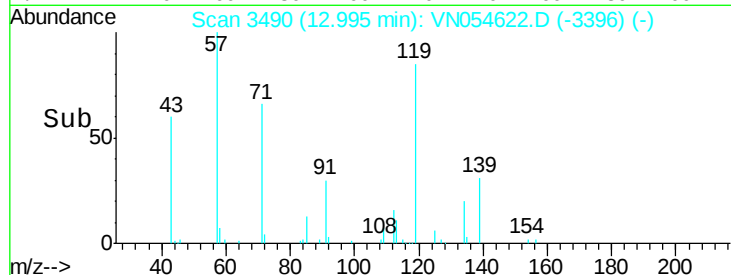
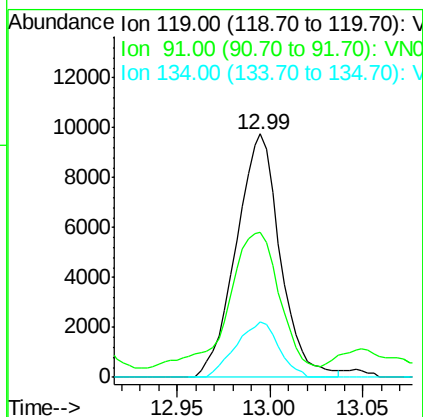
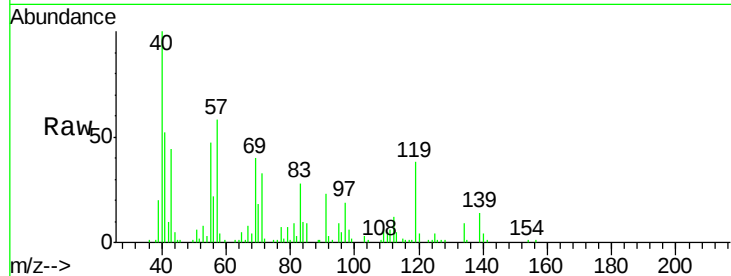




#83
 tert-Butylbenzene
 Concen: 0.847 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN054622.D
 Acq: 24 Mar 2019 00:13

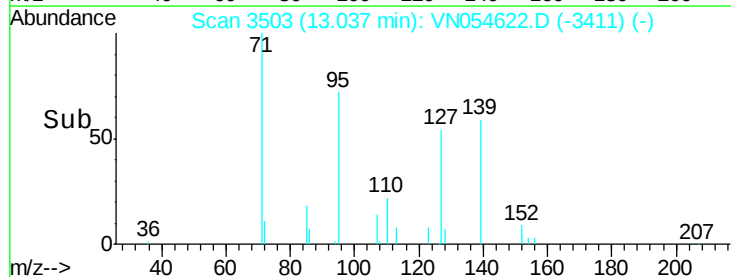
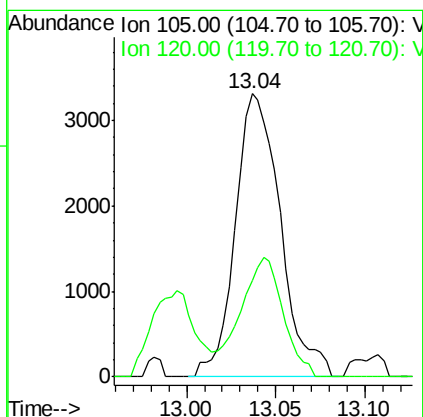
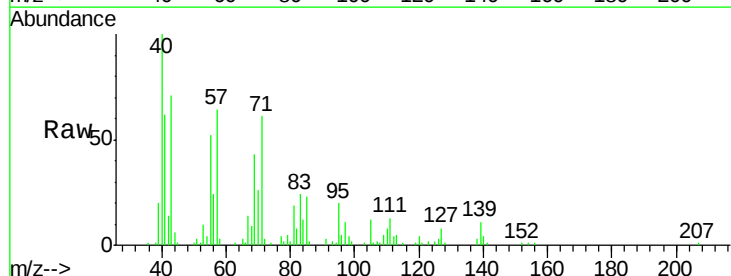
Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB436-190320-(22-24)DL

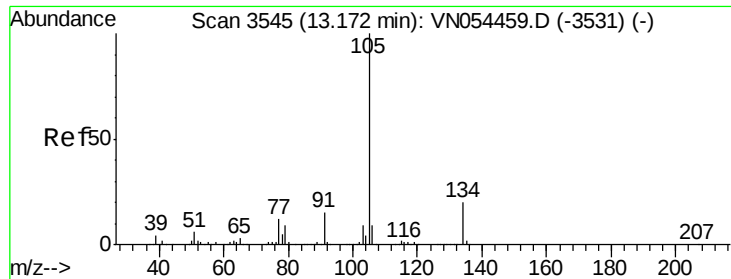
Tot Ion:119 Resp: 16064
 Ion Ratio Lower Upper
 119 100
 91 63.6 30.9 92.8
 134 22.2 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 0.274 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN054622.D
 Acq: 24 Mar 2019 00:13

Tgt Ion:105 Resp: 5853
 Ion Ratio Lower Upper
 105 100
 120 39.4 23.4 70.3

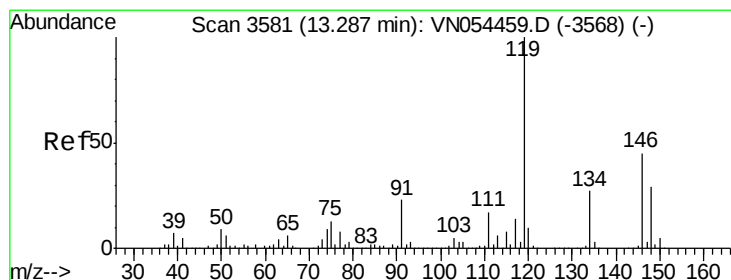
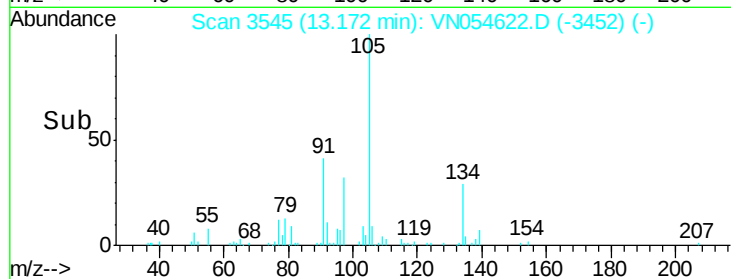
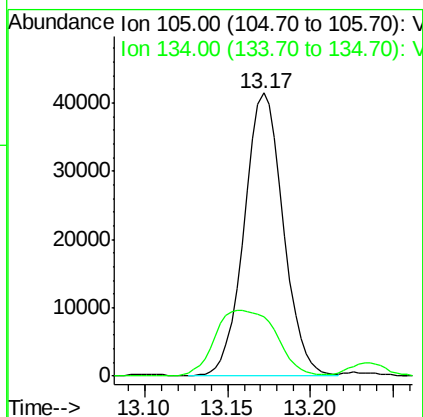
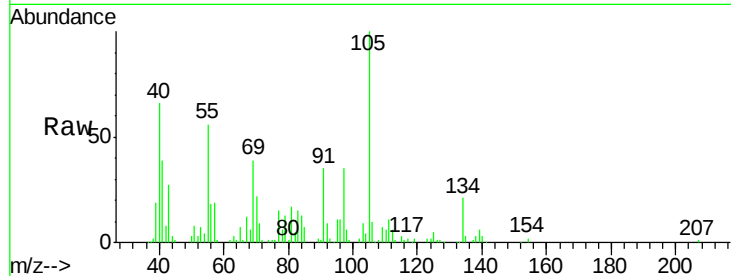




#85
 sec-Butylbenzene
 Concen: 2.879 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN054622.D
 Acq: 24 Mar 2019 00:13

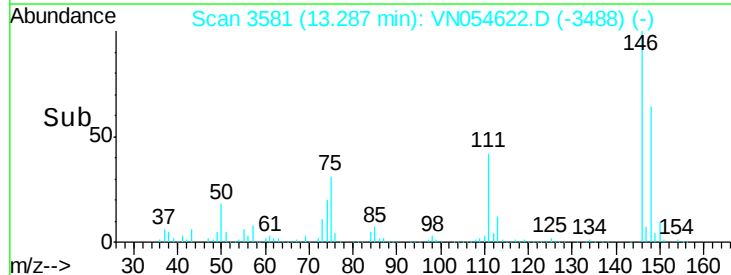
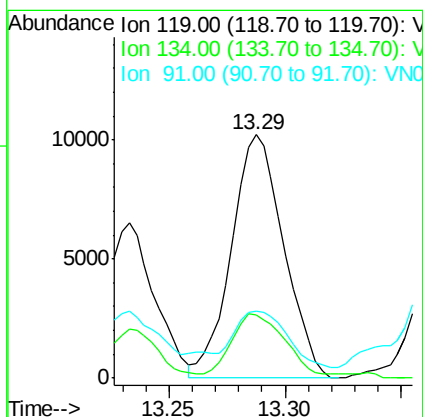
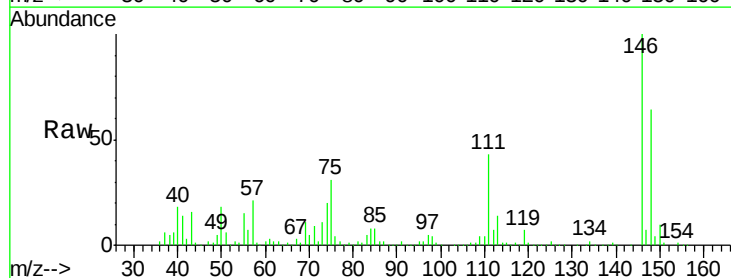
Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB436-190320-(22-24)DL

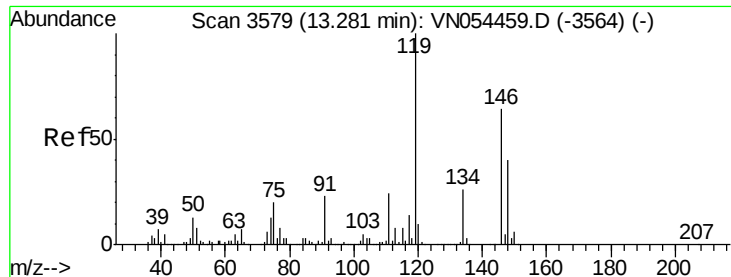
Tot Ion:105 Resp: 68078
 Ion Ratio Lower Upper
 105 100
 134 36.3 10.7 32.1#



#86
 p-Isopropyltoluene
 Concen: 0.756 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN054622.D
 Acq: 24 Mar 2019 00:13

Tgt Ion:119 Resp: 15993
 Ion Ratio Lower Upper
 119 100
 134 24.3 13.6 40.8
 91 23.5 11.1 33.3

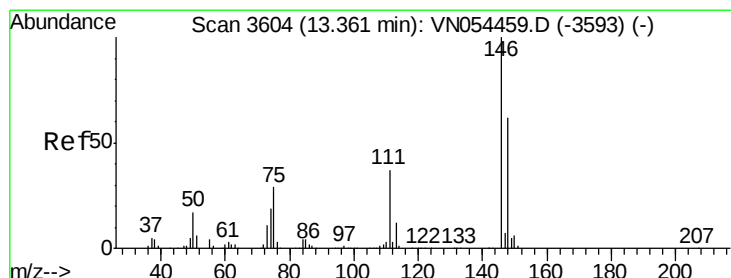
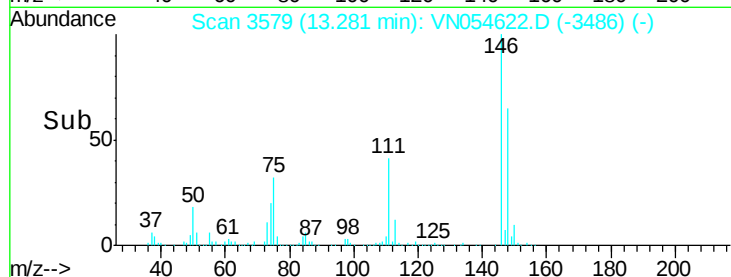
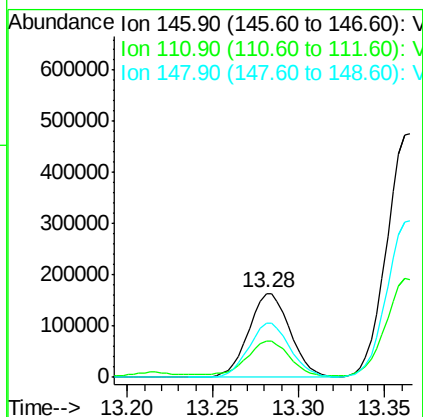
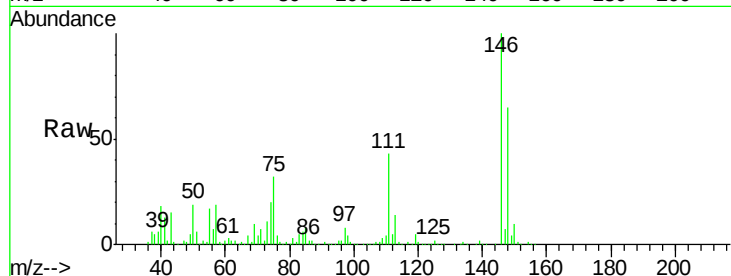




#87
 1,3-Dichlorobenzene
 Concen: 25.140 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN054622.D
 Acq: 24 Mar 2019 00:13

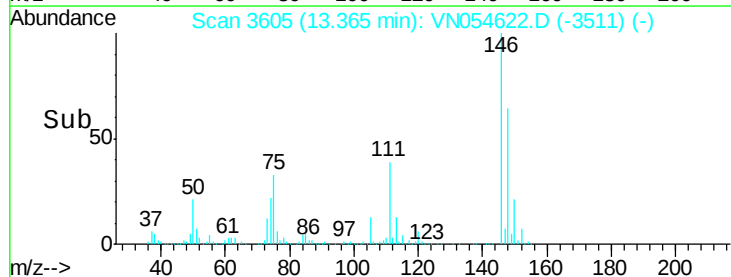
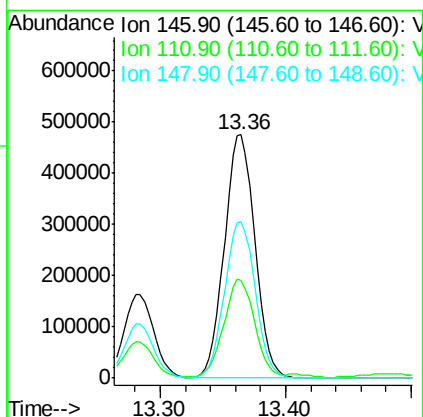
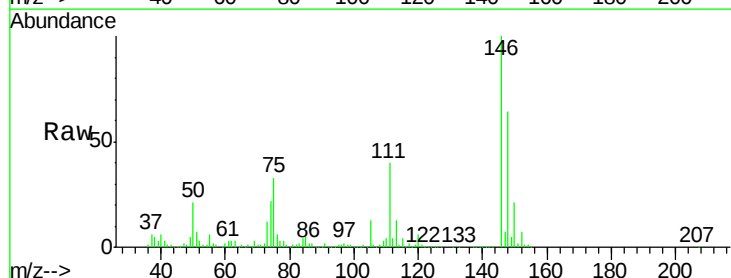
Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB436-190320-(22-24)DL

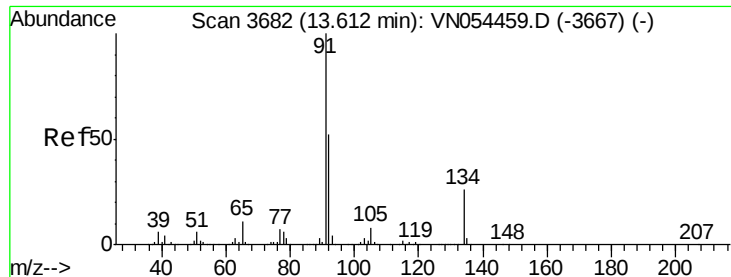
Tot Ion:146 Resp: 274694
 Ion Ratio Lower Upper
 146 100
 111 41.5 18.8 56.3
 148 64.2 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 75.667 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN054622.D
 Acq: 24 Mar 2019 00:13

Tgt Ion:146 Resp: 804415
 Ion Ratio Lower Upper
 146 100
 111 39.8 18.1 54.1
 148 64.6 32.0 96.0

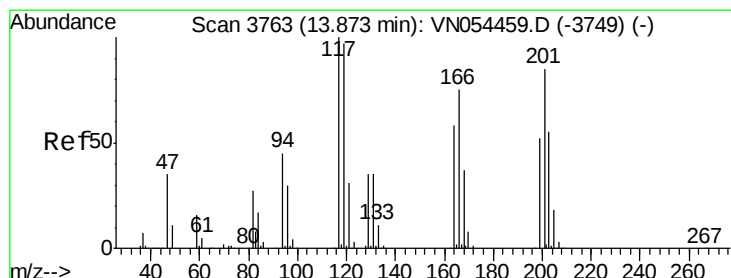
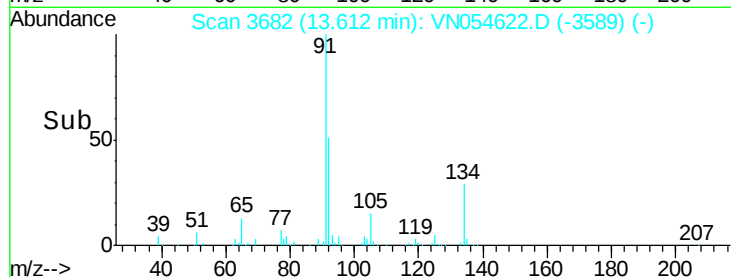
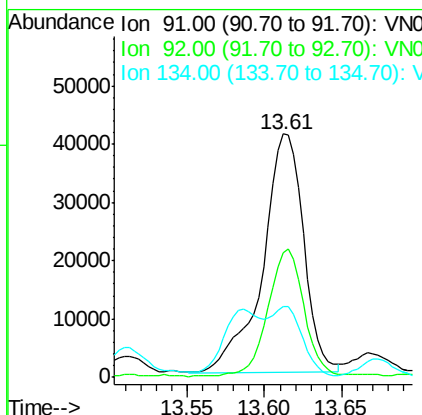
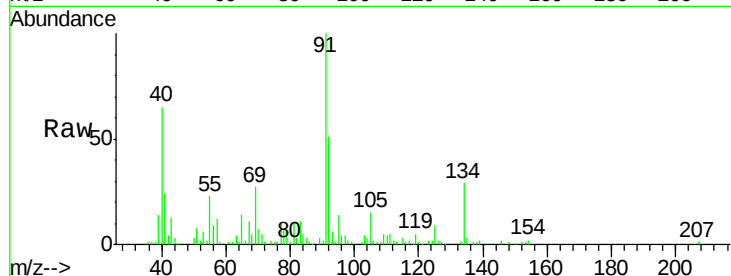




#89
n-Butylbenzene
Concen: 4.581 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN054622.D
Acq: 24 Mar 2019 00:13

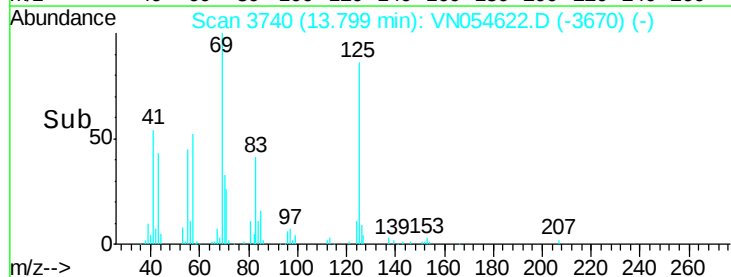
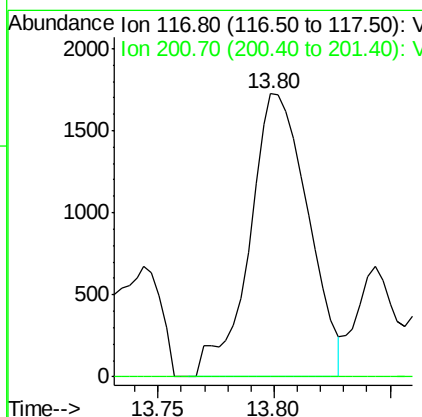
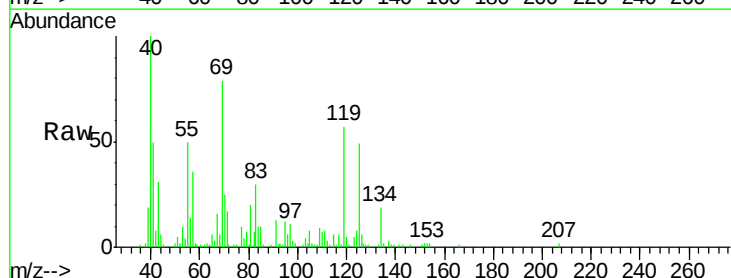
Instrument :
MSVOA_N
ClientSampleId :
WP022SB436-190320-(22-24)DL

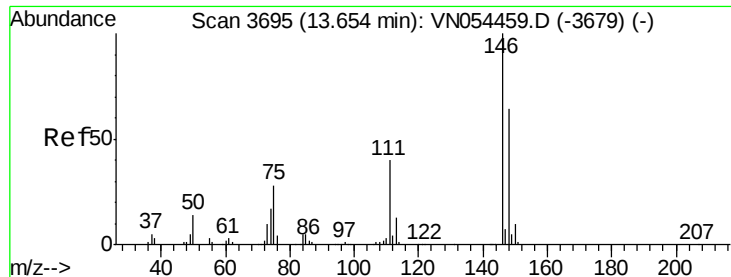
Tot Ion: 91 Resp: 75772
Ion Ratio Lower Upper
91 100
92 46.3 26.2 78.6
134 0.0 14.3 42.9#



#90
Hexachloroethane
Concen: 0.922 ug/l
RT: 13.80 min Scan# 3740
Delta R.T. -0.07 min
Lab File: VN054622.D
Acq: 24 Mar 2019 00:13

Tgt Ion: 117 Resp: 3027
Ion Ratio Lower Upper
117 100
201 0.0 48.1 144.4#





#91

1,2-Dichlorobenzene

Concen: 102.373 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN054622.D

Acq: 24 Mar 2019 00:13

Instrument :

MSVOA_N

ClientSampleId :

WP022SB436-190320-(22-24)DL

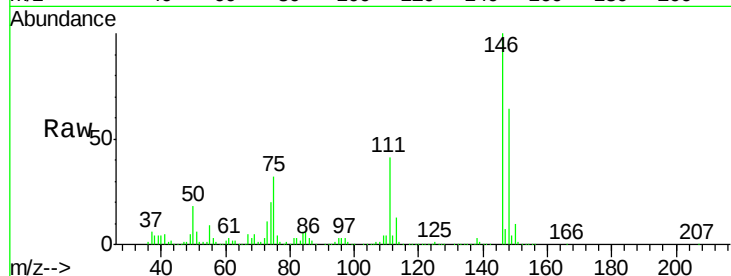
Tot Ion:146 Resp: 1083431

Ion Ratio Lower Upper

146 100

111 42.4 19.1 57.3

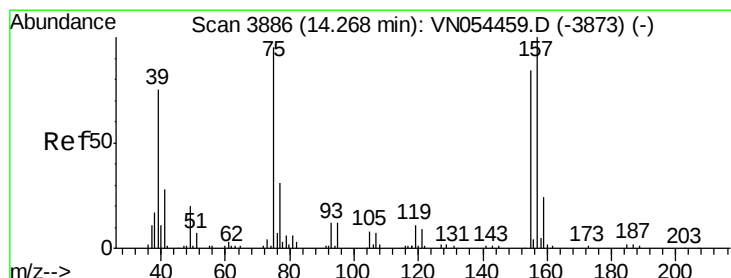
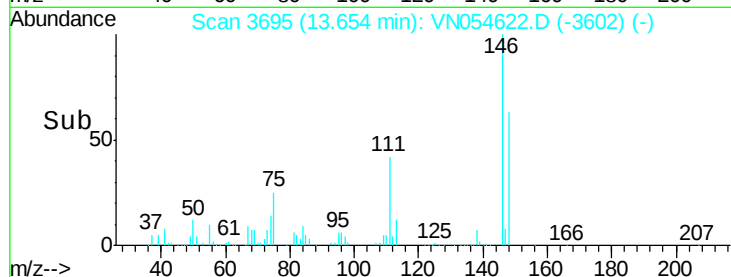
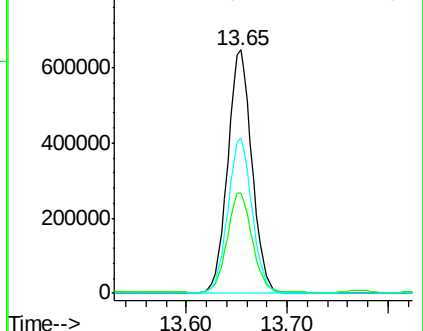
148 63.7 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.008 ug/l

RT: 14.29 min Scan# 3894

Delta R.T. 0.03 min

Lab File: VN054622.D

Acq: 24 Mar 2019 00:13

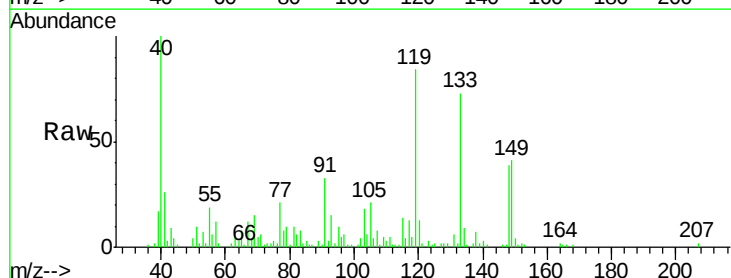
Tgt Ion: 75 Resp: 897

Ion Ratio Lower Upper

75 100

155 0.0 50.1 150.3#

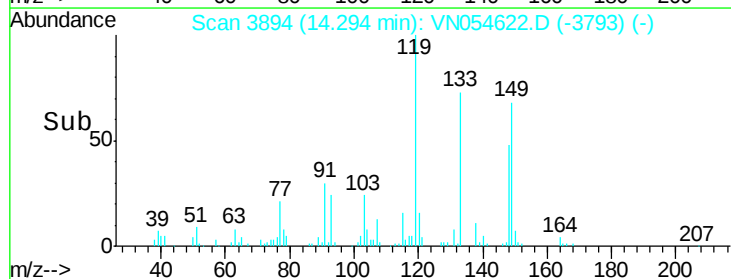
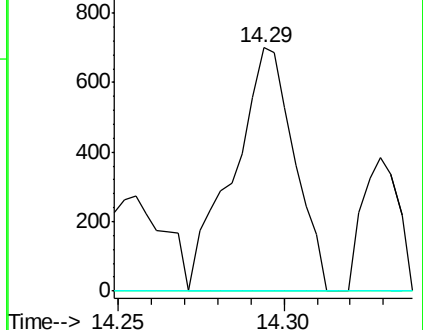
157 0.0 63.1 189.3#

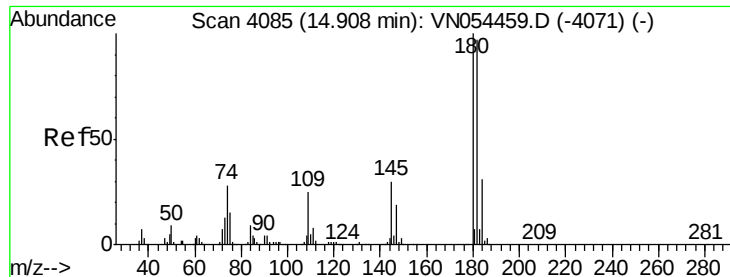


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

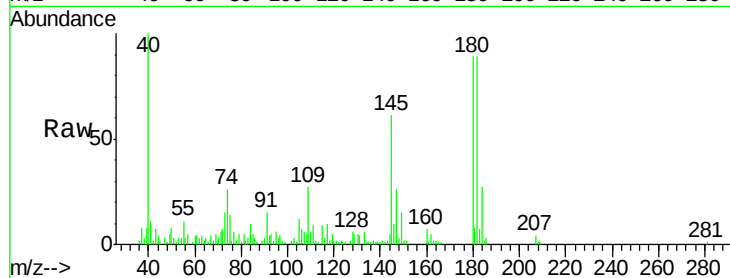




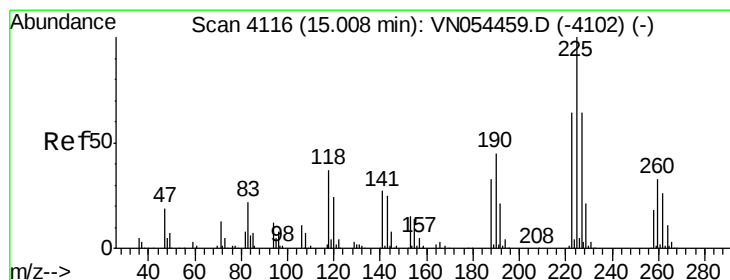
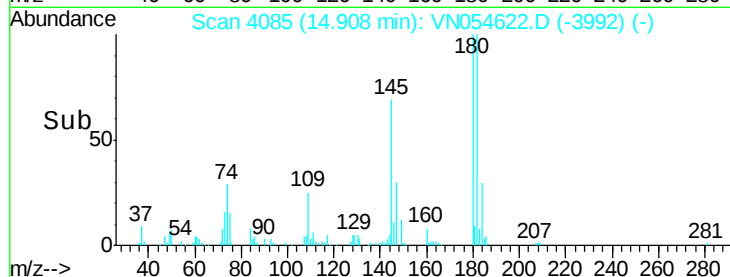
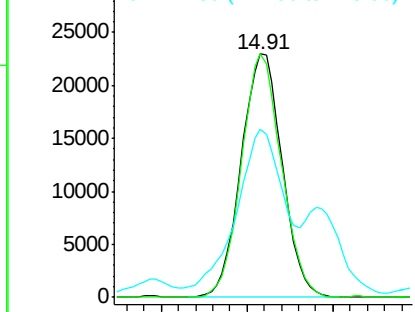
#93
 1,2,4-Trichlorobenzene
 Concen: 7.196 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN054622.D
 Acq: 24 Mar 2019 00:13

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB436-190320-(22-24)DL

Tot Ion:180 Resp: 37965
 Ion Ratio Lower Upper
 180 100
 182 97.3 48.0 144.2
 145 73.3 14.2 42.8#

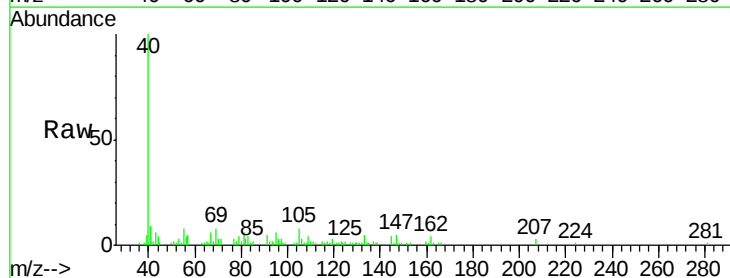


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

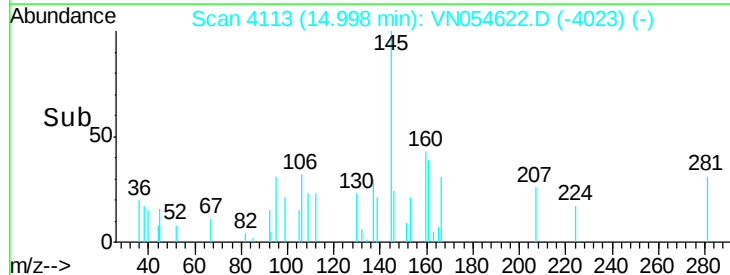
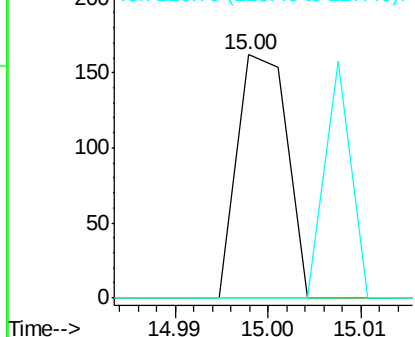


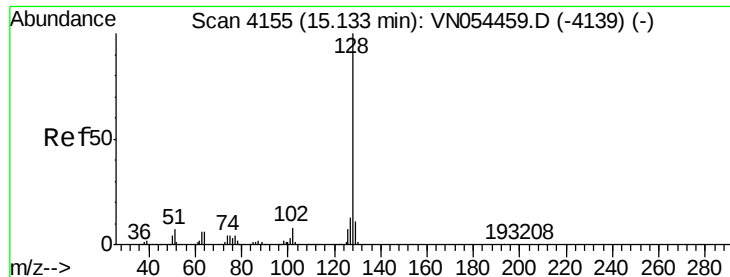
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.00 min Scan# 4113
 Delta R.T. -0.01 min
 Lab File: VN054622.D
 Acq: 24 Mar 2019 00:13

Tgt Ion:225 Resp: 61
 Ion Ratio Lower Upper
 225 100
 223 0.0 31.1 93.5#
 227 49.2 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: 0.442 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054622.D

Acq: 24 Mar 2019 00:13

Instrument :

MSVOA_N

ClientSampleId :

WP022SB436-190320-(22-24)DL

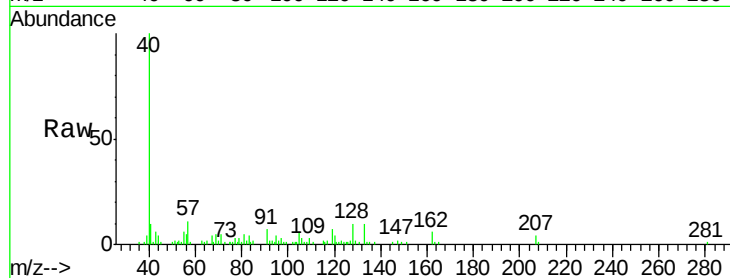
Tot Ion:128 Resp: 5202

Ion Ratio Lower Upper

128 100

127 14.4 10.1 15.1

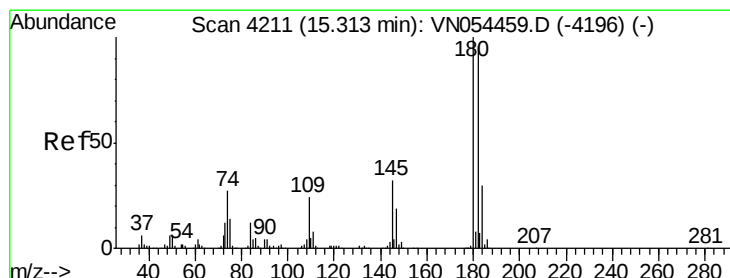
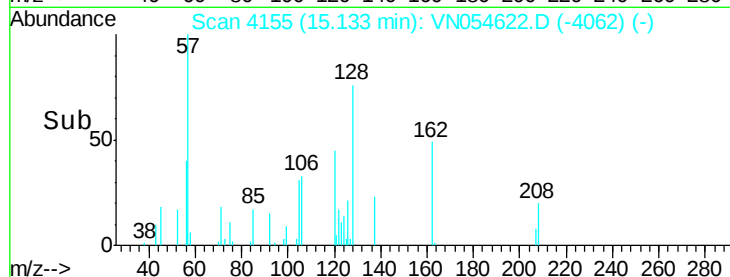
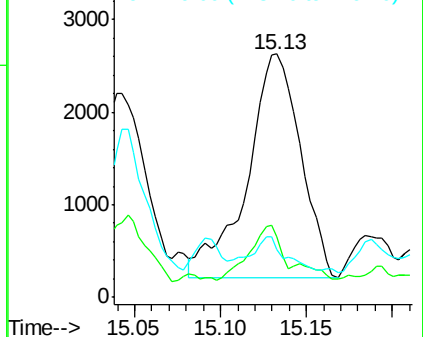
129 7.4 8.7 13.1#



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: 1.679 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN054622.D

Acq: 24 Mar 2019 00:13

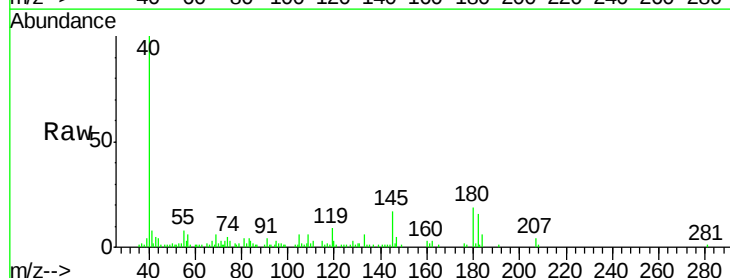
Tgt Ion:180 Resp: 8816

Ion Ratio Lower Upper

180 100

182 89.5 47.5 142.6

145 55.9 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

