

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012819\
 Data File : VN053541.D
 Acq On : 28 Jan 2019 13:14
 Operator : JC/SP
 Sample : K1256-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 30175

Quant Time: Jan 29 06:15:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	962946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1475677	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1350590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	572464	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	461477	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
35) Dibromofluoromethane	7.59	113	433019	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
50) Toluene-d8	10.09	98	1818361	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
62) 4-Bromofluorobenzene	12.40	95	616930	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	

Target Compounds

						Qvalue
3) Chloromethane	2.05	50	7831	0.707	ug/l	97
10) Methyl Iodide	3.95	142	13776	1.020	ug/l	98
11) Tert butyl alcohol	4.77	59	596688	1281.205	ug/l	99
13) Acrolein	3.60	56	3930	26.669	ug/l #	26
14) Allyl chloride	4.31	41	13724	0.986	ug/l #	34
15) Acrylonitrile	4.77	53	6985	2.279	ug/l #	12
16) Acetone	3.81	43	216224	96.829	ug/l	99
18) Methyl Acetate	4.32	43	1161182	154.341	ug/l	99
25) 2-Butanone	6.83	43	136252	39.595	ug/l	100
31) Cyclohexane	7.67	56	14306	0.634	ug/l #	1
36) 1,1-Dichloropropene	7.83	75	59217	4.406	ug/l #	41
37) Ethyl Acetate	6.92	43	30045	3.886	ug/l #	86
38) Carbon Tetrachloride	7.67	117	79150	6.221	ug/l #	16
40) Benzene	8.04	78	64189	1.572	ug/l	100
41) Methacrylonitrile	7.18	41	320	0.736	ug/l #	43
43) Isopropyl Acetate	8.33	43	816947	58.761	ug/l #	52
48) Methyl methacrylate	9.17	41	19505	2.717	ug/l #	37
49) 1,4-Dioxane	9.19	88	4004	57.113	ug/l #	23
51) 4-Methyl-2-Pentanone	9.99	43	10645	1.403	ug/l #	73
52) Toluene	10.16	92	1356829	53.516	ug/l	100
53) t-1,3-Dichloropropene	10.15	75	14148	1.068	ug/l #	1
56) Ethyl methacrylate	10.40	69	166	2.071	ug/l #	28
59) 2-Hexanone	10.52	43	5422	1.018	ug/l	64
66) 1,1,1,2-Tetrachloroethane	11.54	131	11387	1.145	ug/l #	8
67) Ethyl Benzene	11.51	91	45028	0.924	ug/l	97
68) m/p-Xylenes	11.62	106	87764	4.771	ug/l	98
69) o-Xylene	11.95	106	29354	1.642	ug/l	98
70) Styrene	11.97	104	11535	0.398	ug/l #	66
74) N-amyl acetate	11.99	43	27858	2.493	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.34	83	272377	30.980	ug/l #	30
76) 1,2,3-Trichloropropane	12.40	75	287897	38.162	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	14362	0.421	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	287897	94.220	ug/l #	15
83) tert-Butylbenzene	13.04	119	8012	0.266	ug/l #	66

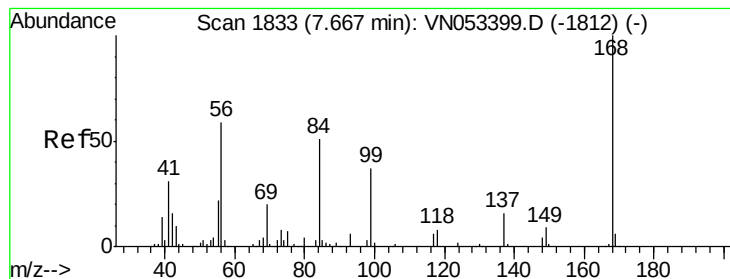
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012819\
Data File : VN053541.D
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QLast Update : Wed Jan 16 03:10:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.04	105	67871	1.973	ug/l	92
85) sec-Butylbenzene	13.04	105	67871	1.643	ug/l #	56
90) Hexachloroethane	13.87	117	8632	1.534	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.90	180	210	2.791	ug/l #	23
95) Naphthalene	15.13	128	44216	6.882	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.31	180	107	3.921	ug/l #	56

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053541.D

Acq: 28 Jan 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

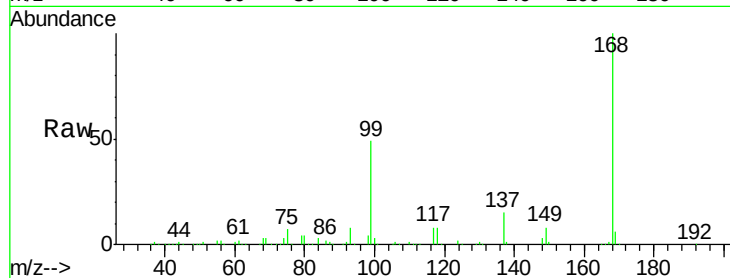
30175

Tot Ion:168 Resp: 962946

Ion Ratio Lower Upper

168 100

99 48.8 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

400000

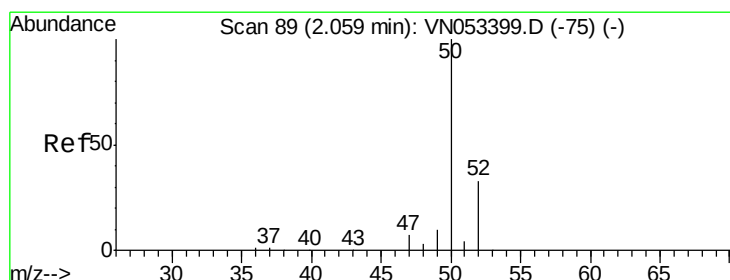
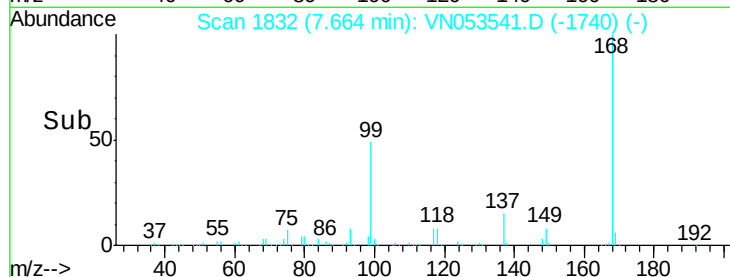
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#3

Chloromethane

Concen: 0.707 ug/l

RT: 2.05 min Scan# 86

Delta R.T. -0.01 min

Lab File: VN053541.D

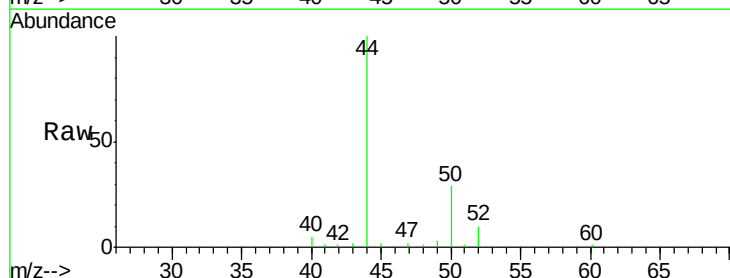
Acq: 28 Jan 2019 13:14

Tgt Ion: 50 Resp: 7831

Ion Ratio Lower Upper

50 100

52 35.0 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.05

6000

5000

4000

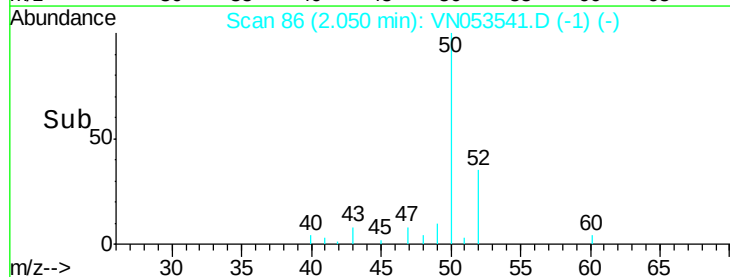
3000

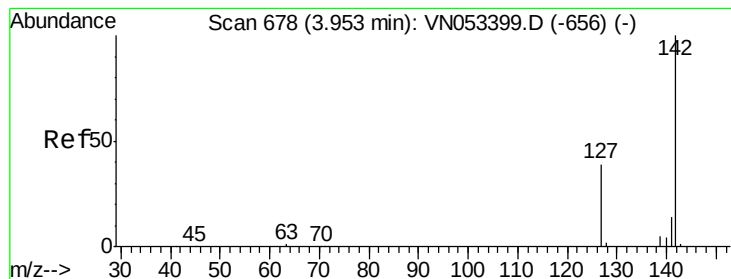
2000

1000

0

Time--> 2.00 2.05 2.10

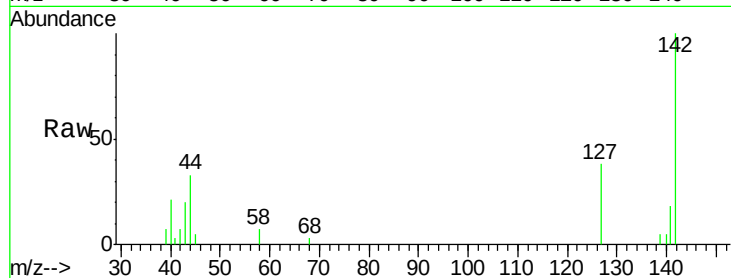




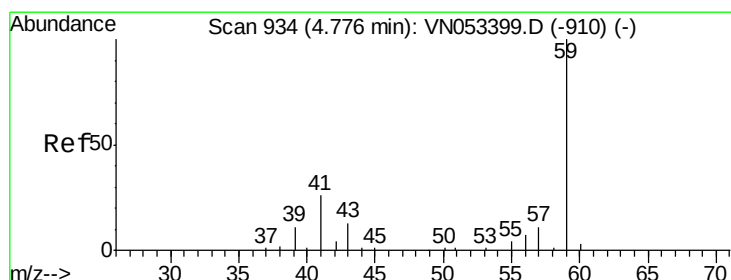
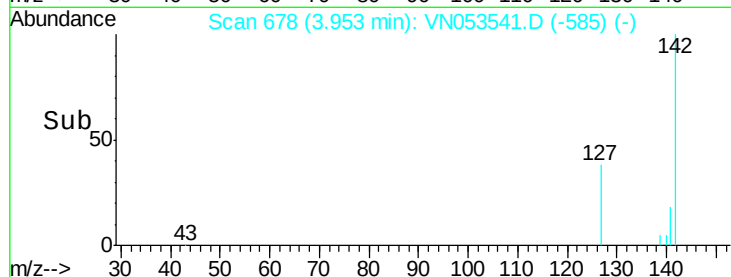
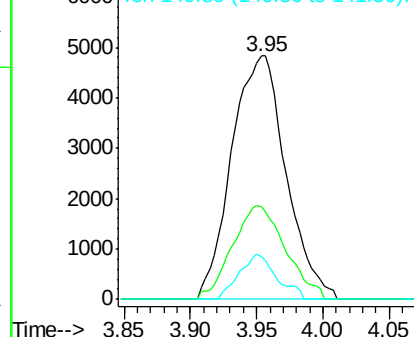
#10
Methvl Iodide
Concen: 1.020 ug/l
RT: 3.95 min Scan# 678
Delta R.T. 0.00 min
Lab File: VN053541.D
Acq: 28 Jan 2019 13:14

Instrument :
MSVOA_N
ClientSampleId :
30175

Tot Ion:142 Resp: 13776
Ion Ratio Lower Upper
142 100
127 37.5 31.0 46.4
141 12.7 11.1 16.7

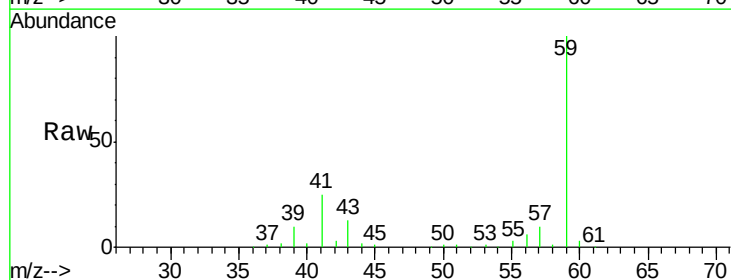


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

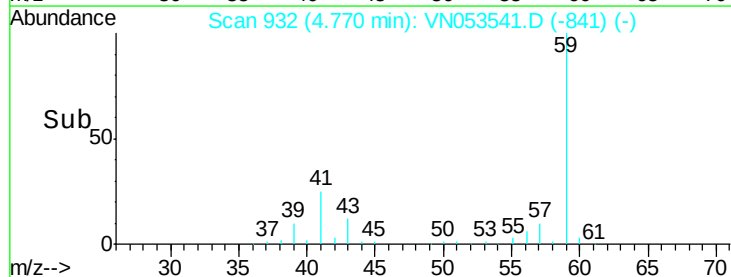
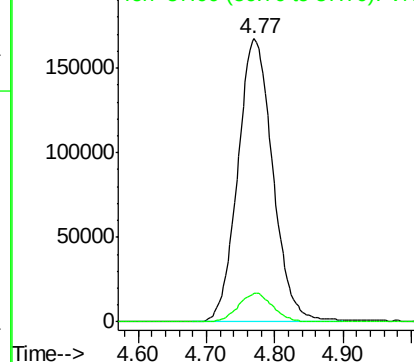


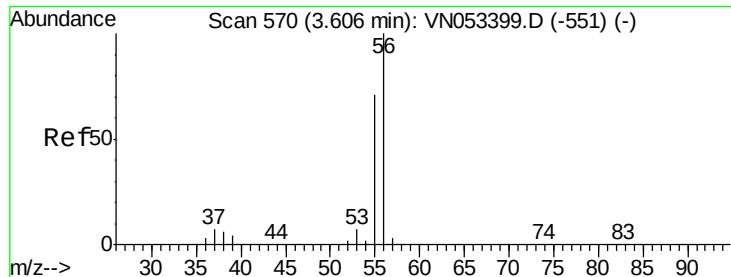
#11
Tert butyl alcohol
Concen: 1281.205 ug/l
RT: 4.77 min Scan# 932
Delta R.T. -0.01 min
Lab File: VN053541.D
Acq: 28 Jan 2019 13:14

Tgt Ion: 59 Resp: 596688
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): V
Ion 57.00 (56.70 to 57.70): V





#13

Acrolein

Concen: 26.669 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN053541.D

Acq: 28 Jan 2019 13:14

Instrument :

MSVOA_N

ClientSampled :

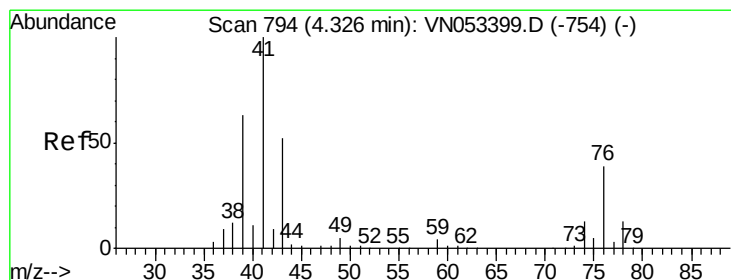
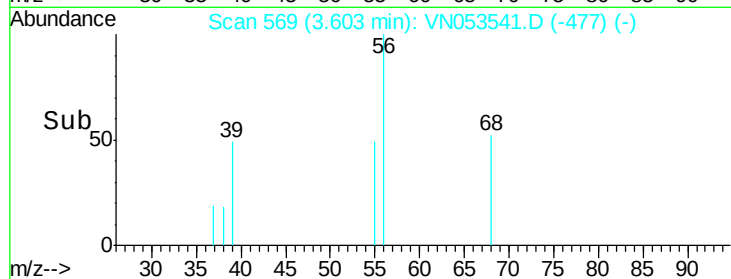
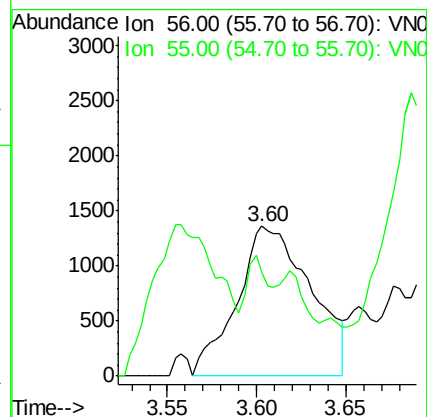
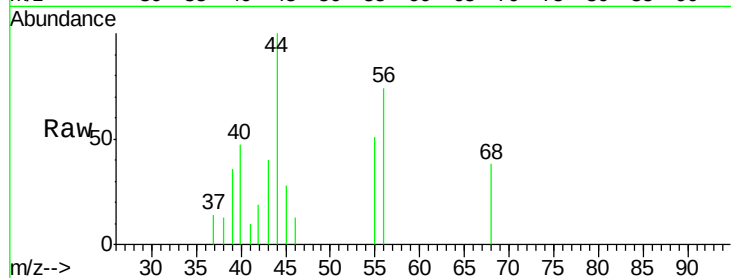
30175

Tot Ion: 56 Resp: 3930

Ion Ratio Lower Upper

56 100

55 9.8 57.4 86.0#



#14

Allyl chloride

Concen: 0.986 ug/l

RT: 4.31 min Scan# 790

Delta R.T. -0.01 min

Lab File: VN053541.D

Acq: 28 Jan 2019 13:14

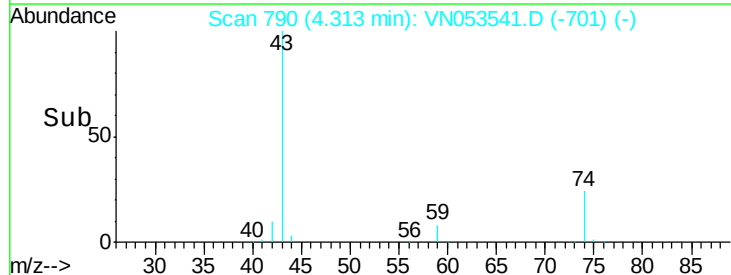
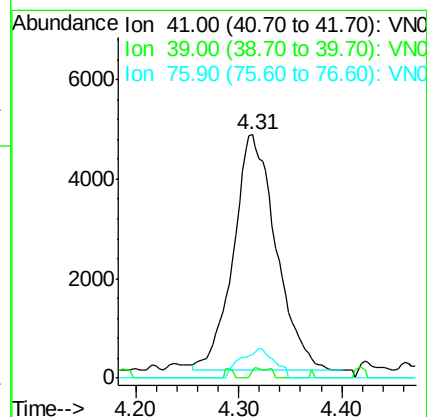
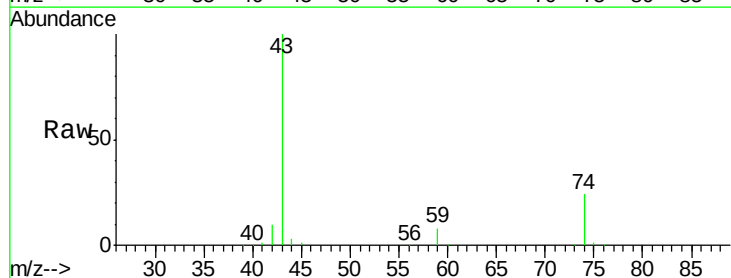
Tgt Ion: 41 Resp: 13724

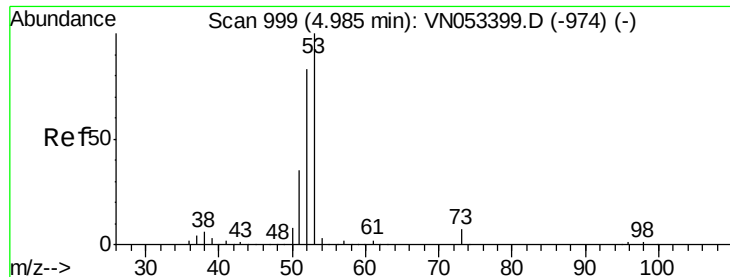
Ion Ratio Lower Upper

41 100

39 1.2 48.9 73.3#

76 9.7 29.4 44.2#





#15

Acrylonitrile

Concen: 2.279 ug/l

RT: 4.77 min Scan# 933

Delta R.T. -0.21 min

Lab File: VN053541.D

Acq: 28 Jan 2019 13:14

Instrument :

MSVOA_N

ClientSampled :

30175

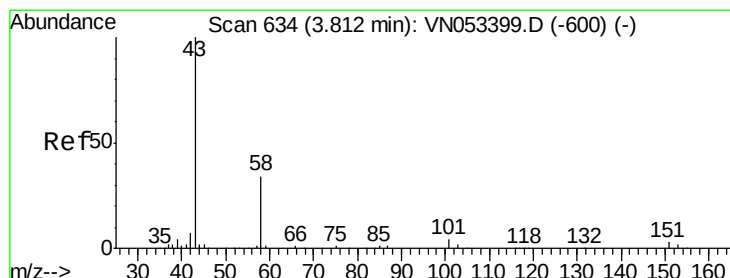
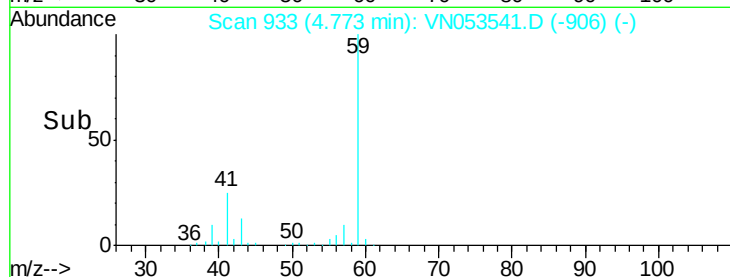
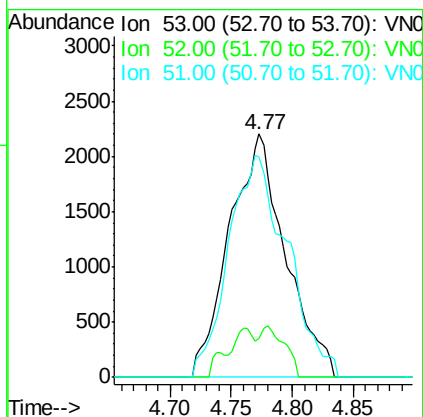
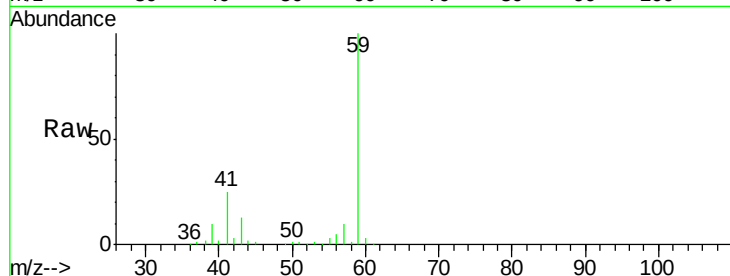
Tot Ion: 53 Resp: 6985

Ion Ratio Lower Upper

53 100

52 9.3 66.0 99.0#

51 95.6 28.3 42.5#



#16

Acetone

Concen: 96.829 ug/l

RT: 3.81 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN053541.D

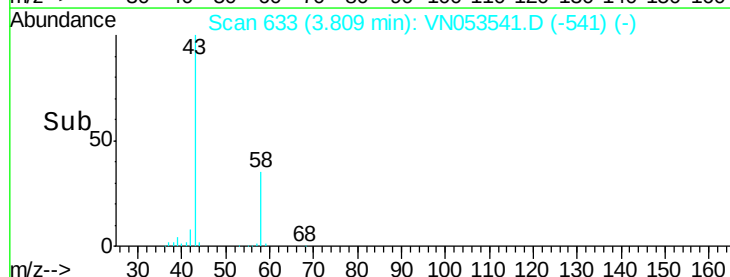
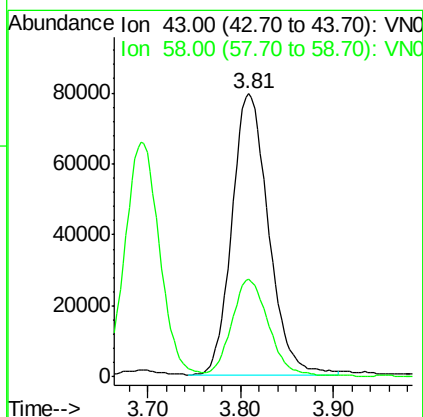
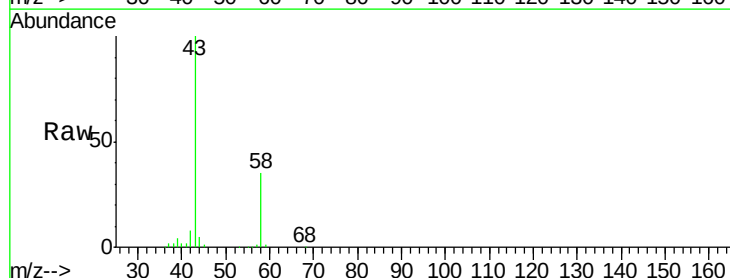
Acq: 28 Jan 2019 13:14

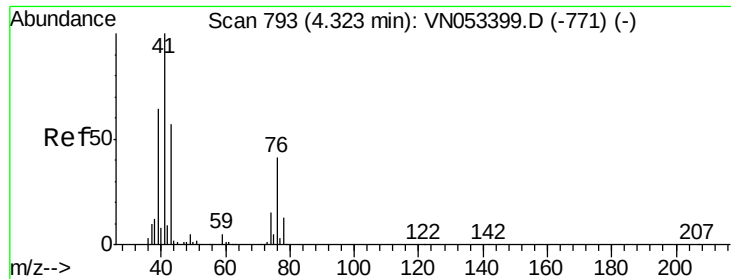
Tgt Ion: 43 Resp: 216224

Ion Ratio Lower Upper

43 100

58 34.3 27.1 40.7

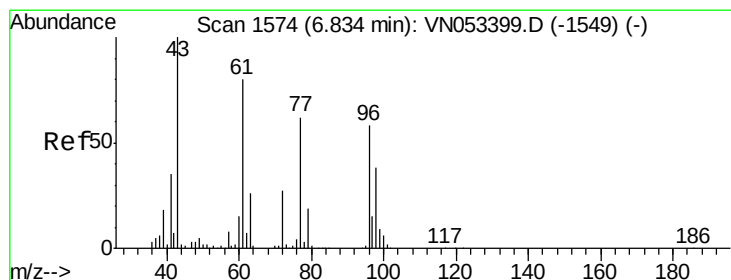
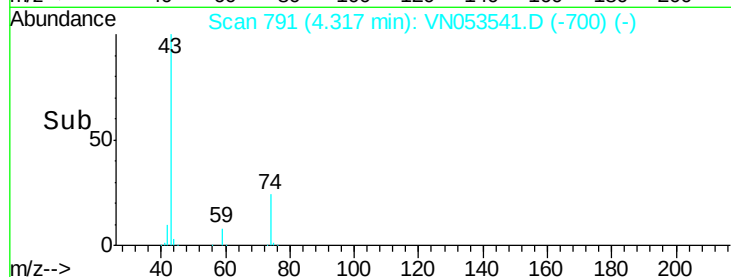
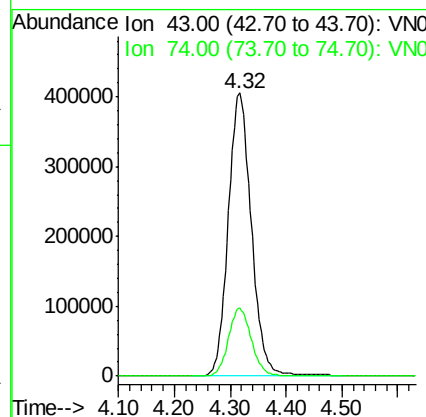
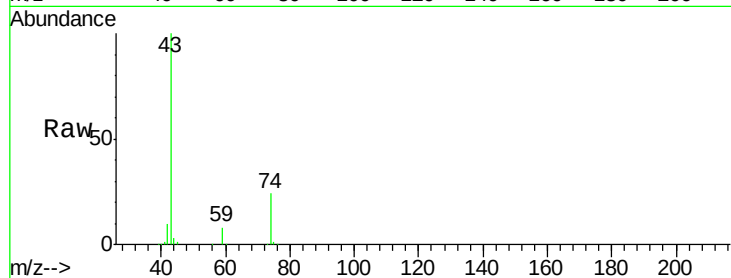




#18
Methvl Acetate
Concen: 154.341 ug/l
RT: 4.32 min Scan# 791
Delta R.T. -0.01 min
Lab File: VN053541.D
Acq: 28 Jan 2019 13:14

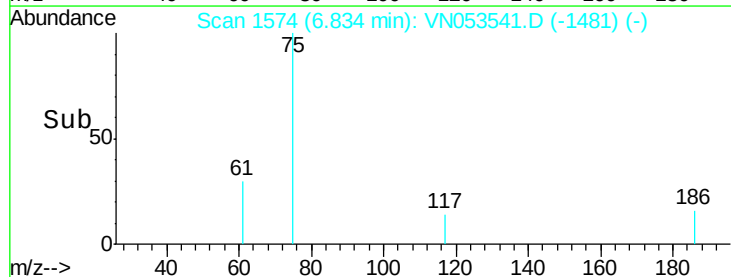
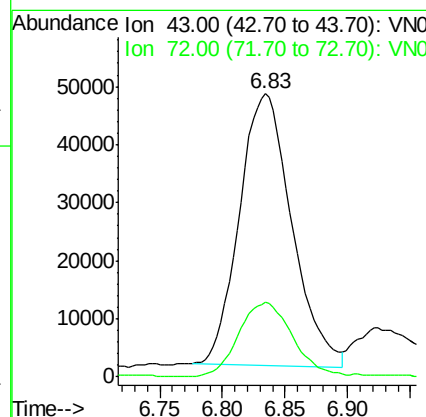
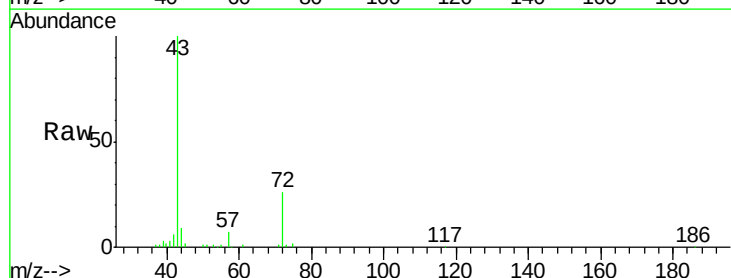
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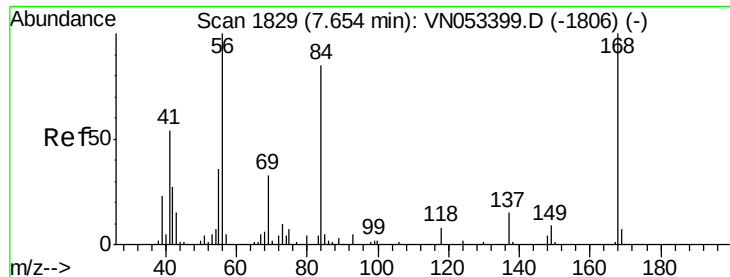
Tot Ion: 43 Resp: 1161182
Ion Ratio Lower Upper
43 100
74 23.9 19.4 29.2



#25
2-Butanone
Concen: 39.595 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN053541.D
Acq: 28 Jan 2019 13:14

Tgt Ion: 43 Resp: 136252
Ion Ratio Lower Upper
43 100
72 27.6 22.0 33.0





#31

Cyclohexane

Concen: 0.634 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN053541.D

Acq: 28 Jan 2019 13:14

Instrument :

MSVOA_N

ClientSampled :

30175

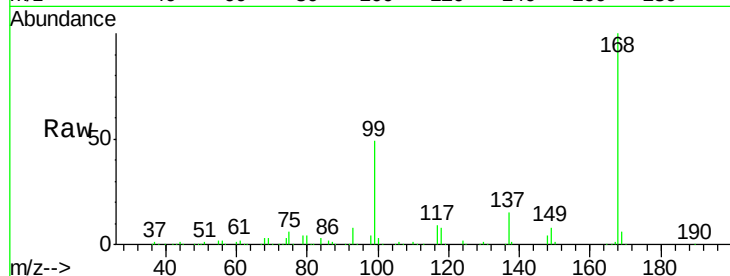
Tot Ion: 56 Resp: 14306

Ion Ratio Lower Upper

56 100

69 184.5 26.4 39.6#

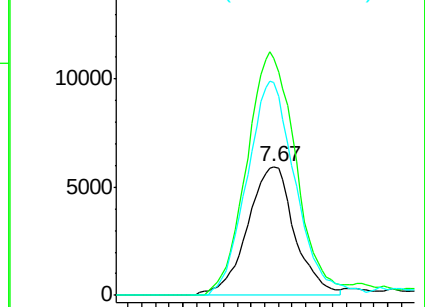
84 164.8 67.9 101.9#



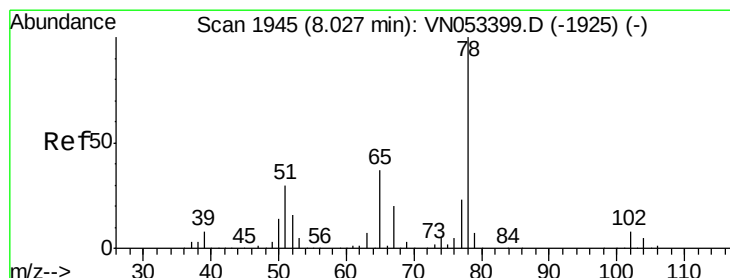
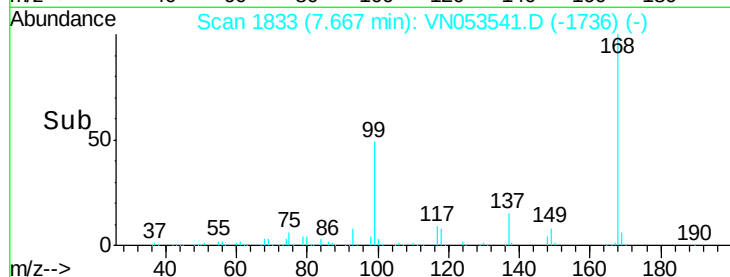
Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053541.D

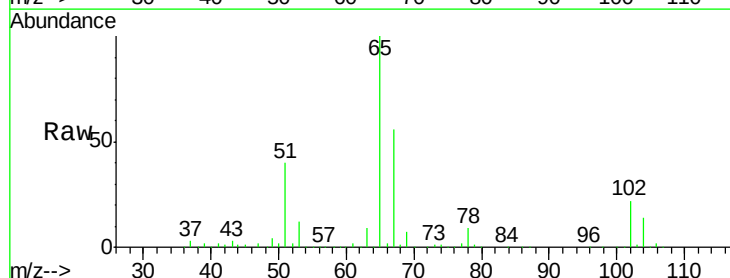
Acq: 28 Jan 2019 13:14

Tgt Ion: 65 Resp: 461477

Ion Ratio Lower Upper

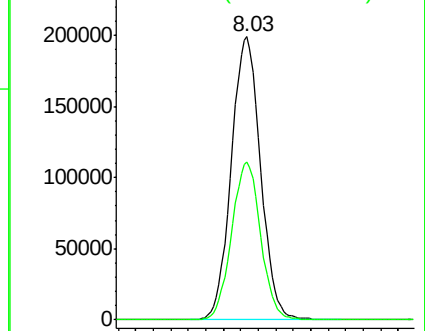
65 100

67 55.3 0.0 111.2

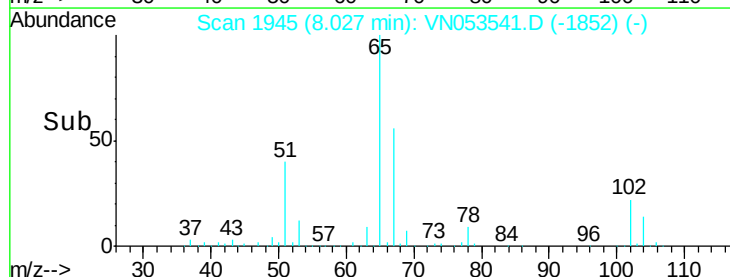


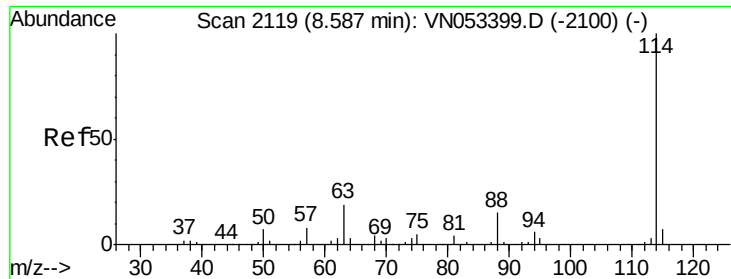
Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



Time-->

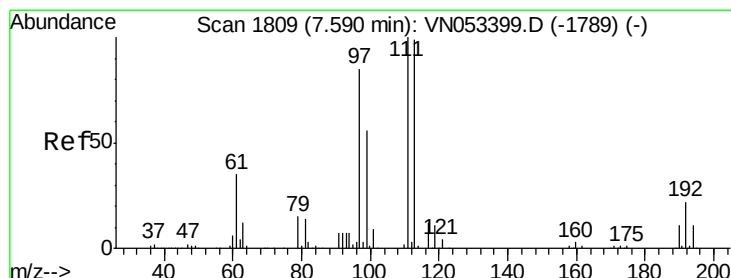
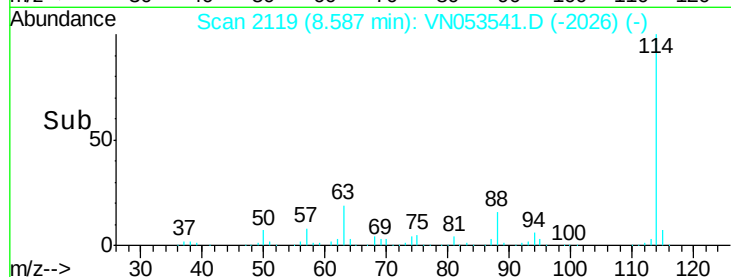
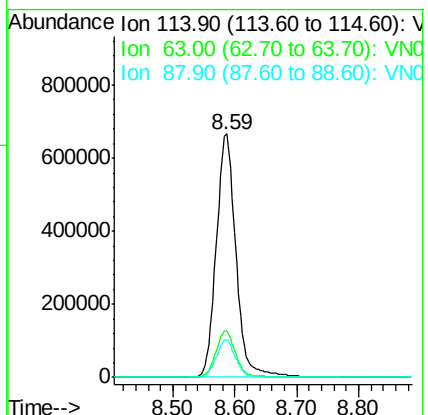
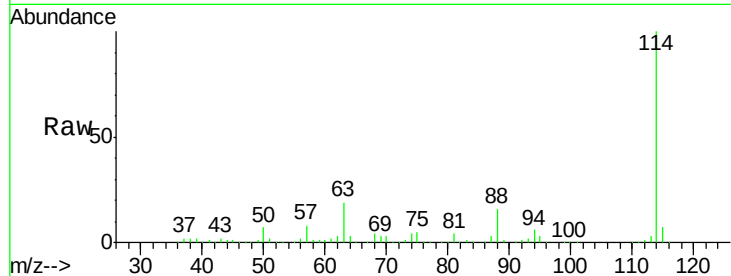




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053541.D
Acq: 28 Jan 2019 13:14

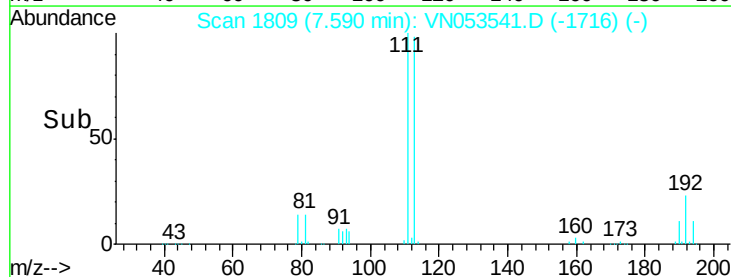
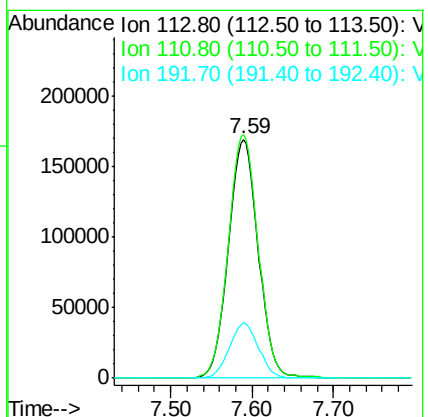
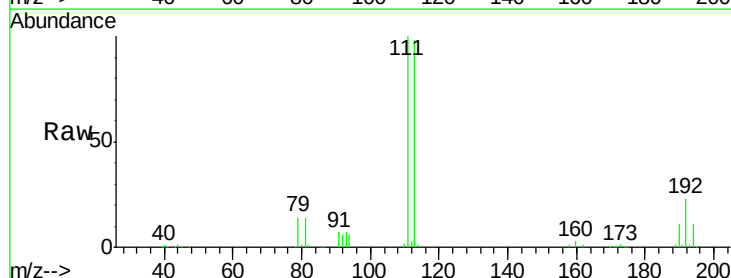
Instrument :
MSVOA_N
ClientSampleId :
30175

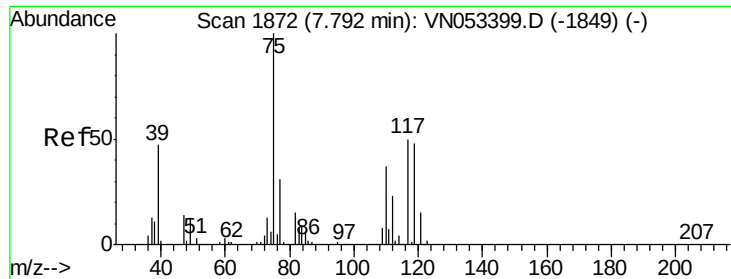
Tot Ion:114 Resp: 1475677
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.6
88 15.6 0.0 30.4



#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN053541.D
Acq: 28 Jan 2019 13:14

Tgt Ion:113 Resp: 433019
Ion Ratio Lower Upper
113 100
111 102.6 81.1 121.7
192 22.7 18.2 27.2

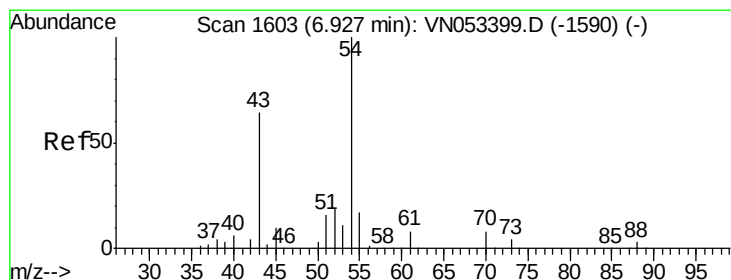
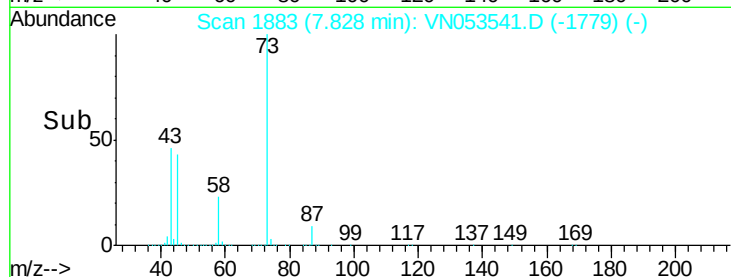
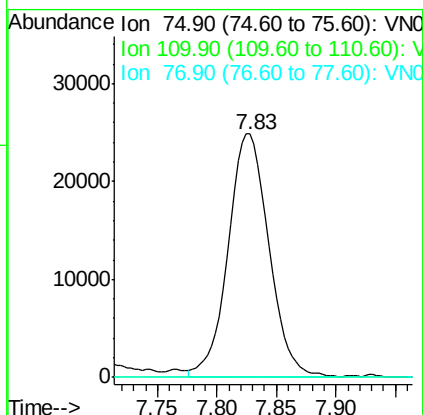
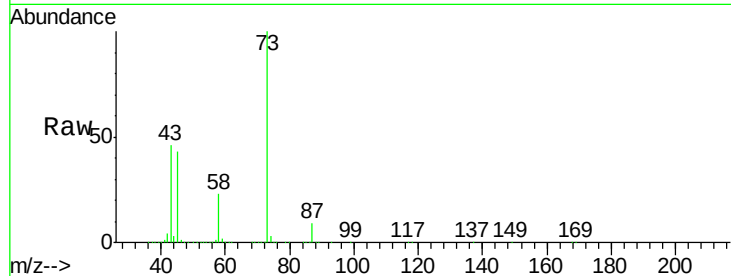




#36
 1,1-Dichloropropene
 Concen: 4.406 ug/l
 RT: 7.83 min Scan# 1883
 Delta R.T. 0.04 min
 Lab File: VN053541.D
 Acq: 28 Jan 2019 13:14

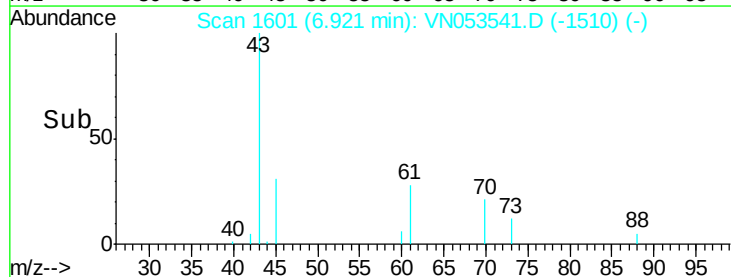
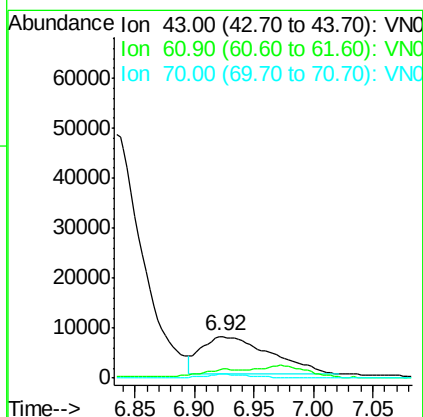
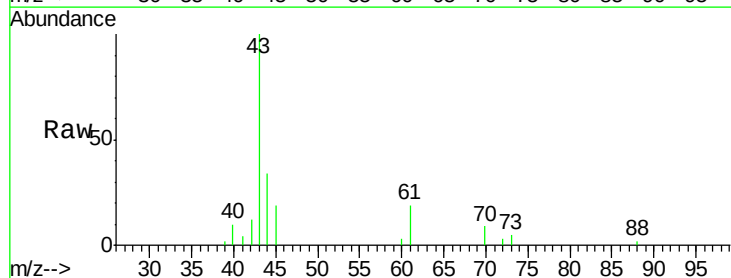
Instrument :
 MSVOA_N
 ClientSampleId :
 30175

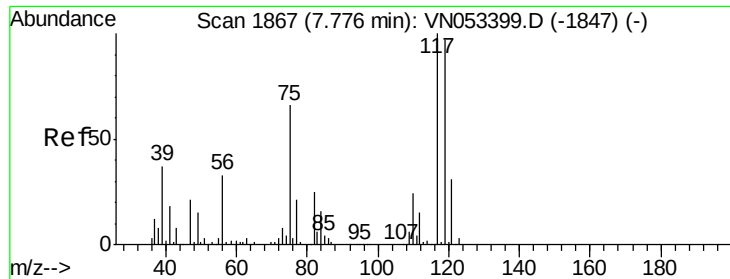
Tot Ion: 75 Resp: 59217
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.1 54.3#
 77 0.0 25.1 37.7#



#37
 Ethyl Acetate
 Concen: 3.886 ug/l
 RT: 6.92 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: VN053541.D
 Acq: 28 Jan 2019 13:14

Tgt Ion: 43 Resp: 30045
 Ion Ratio Lower Upper
 43 100
 61 10.0 11.8 17.6#
 70 4.3 8.6 12.8#

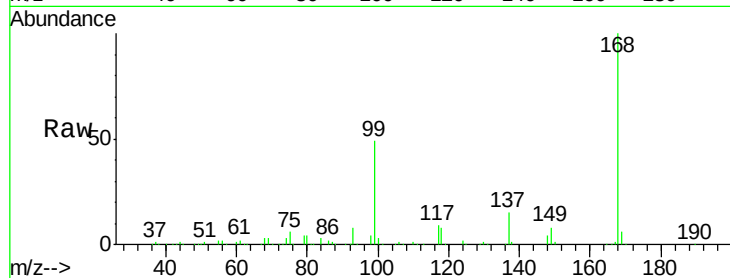




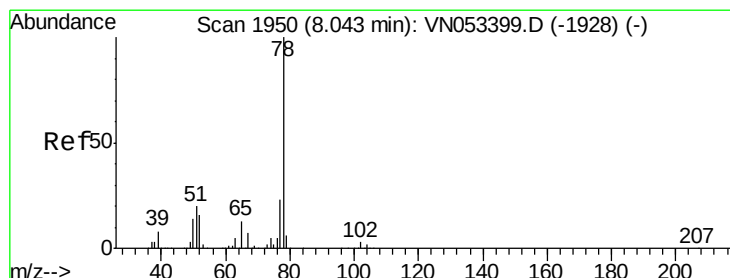
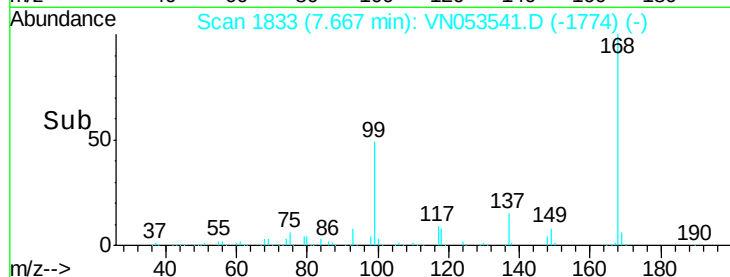
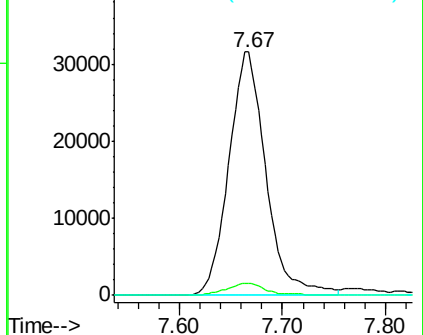
#38
Carbon Tetrachloride
Concen: 6.221 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053541.D
Acq: 28 Jan 2019 13:14

Instrument :
MSVOA_N
ClientSampled :
30175

Tot Ion:117 Resp: 79150
Ion Ratio Lower Upper
117 100
119 5.1 77.2 115.8#
121 0.0 24.6 37.0#

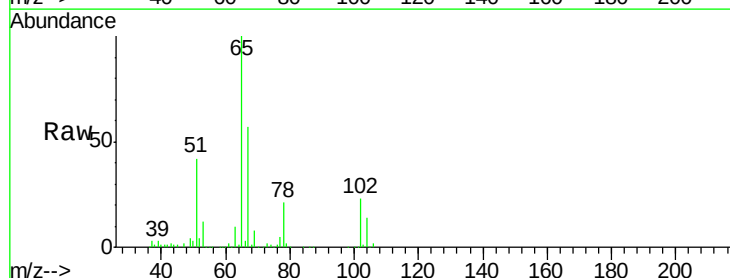


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

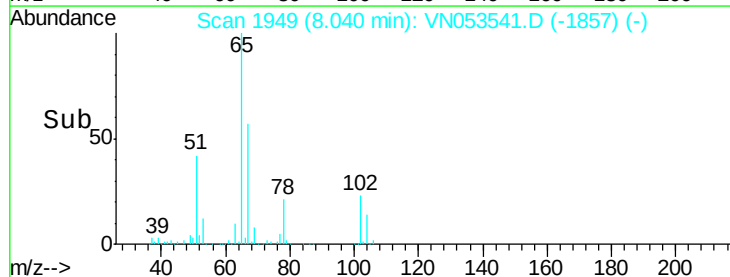
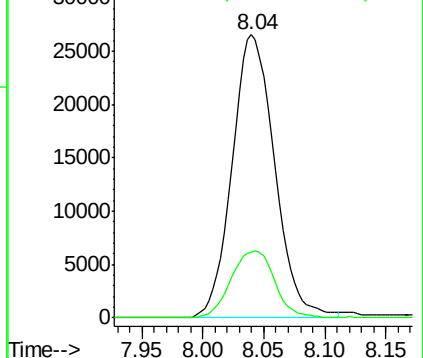


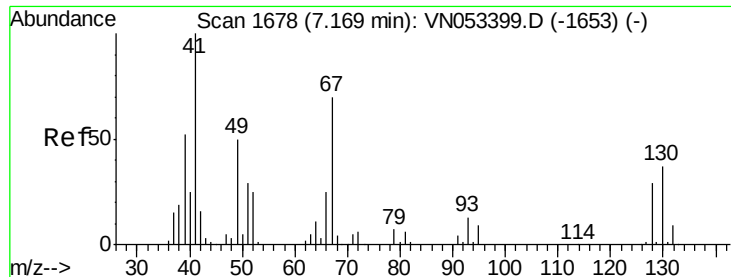
#40
Benzene
Concen: 1.572 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN053541.D
Acq: 28 Jan 2019 13:14

Tgt Ion: 78 Resp: 64189
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): V
Ion 77.00 (76.70 to 77.70): V

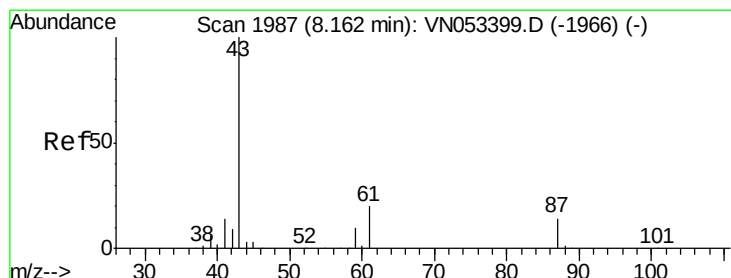
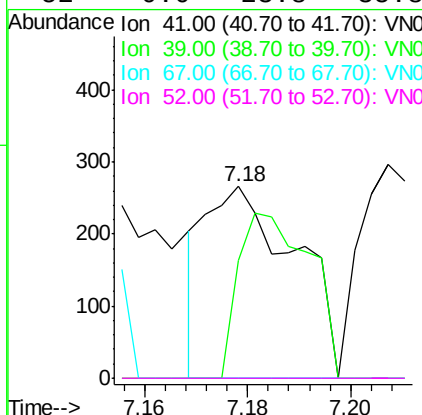
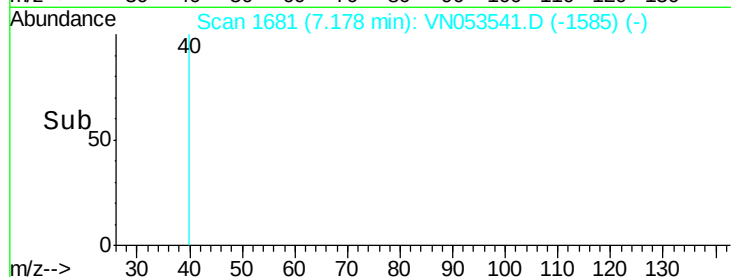
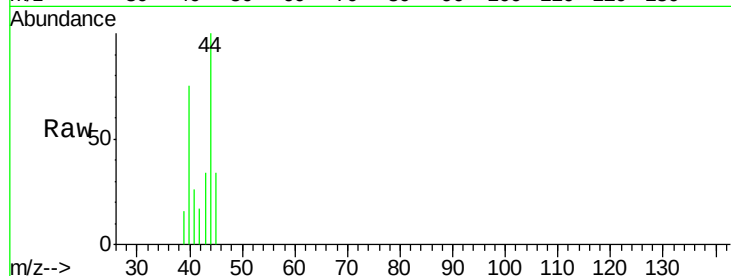




#41
Methacrylonitrile
Concen: 0.736 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VN053541.D
Acq: 28 Jan 2019 13:14

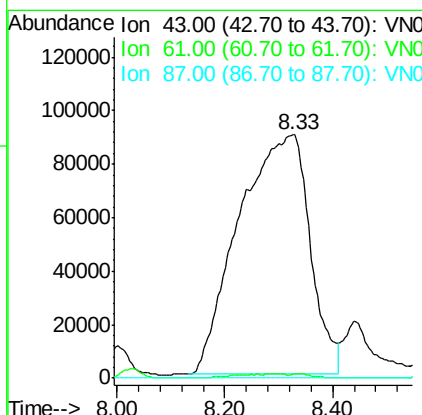
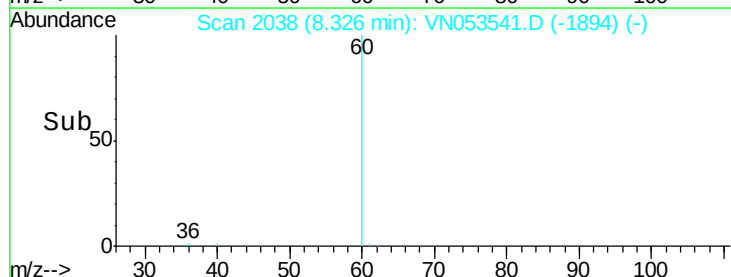
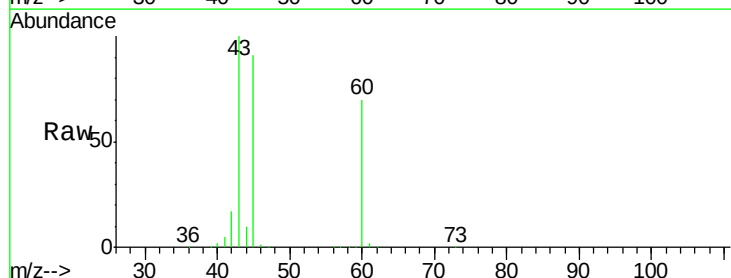
Instrument :
MSVOA_N
ClientSampleId :
30175

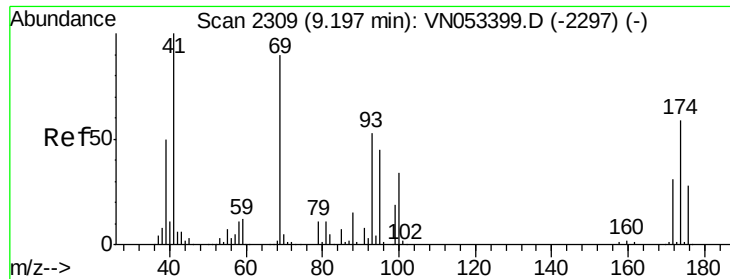
Tot Ion: 41 Resp: 320
Ion Ratio Lower Upper
41 100
39 68.8 46.8 70.2
67 0.0 63.0 94.6#
52 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: 58.761 ug/l
RT: 8.33 min Scan# 2038
Delta R.T. 0.16 min
Lab File: VN053541.D
Acq: 28 Jan 2019 13:14

Tgt Ion: 43 Resp: 816947
Ion Ratio Lower Upper
43 100
61 0.4 23.9 35.9#
87 0.0 11.0 16.6#

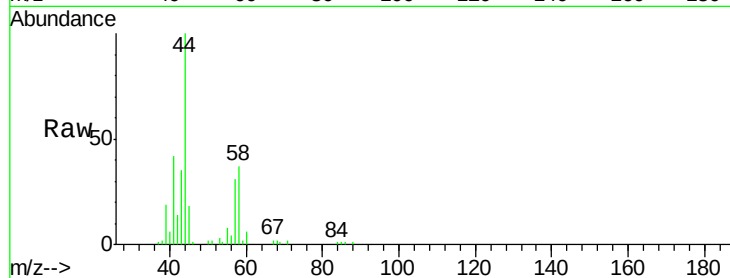




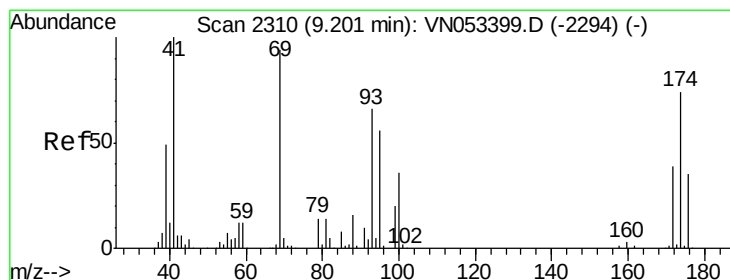
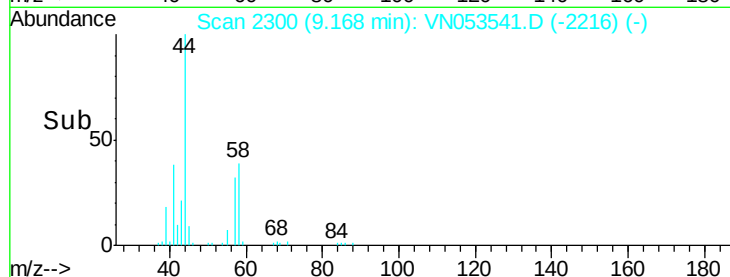
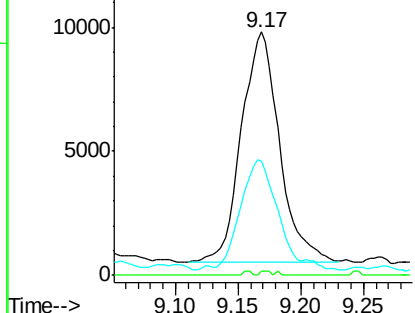
#48
Methvl methacrylate
Concen: 2.717 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.03 min
Lab File: VN053541.D
Acq: 28 Jan 2019 13:14

Instrument :
MSVOA_N
ClientSampled :
30175

Tot Ion: 41 Resp: 19505
Ion Ratio Lower Upper
41 100
69 0.6 73.8 110.6#
39 48.4 40.0 60.0

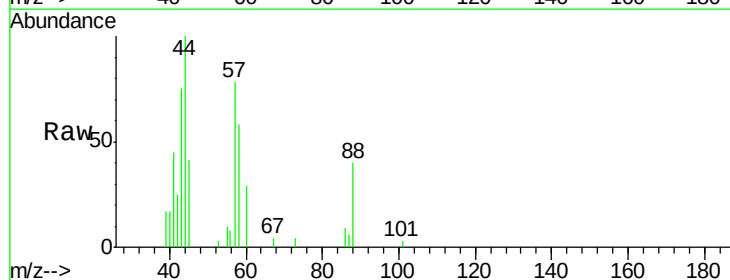


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

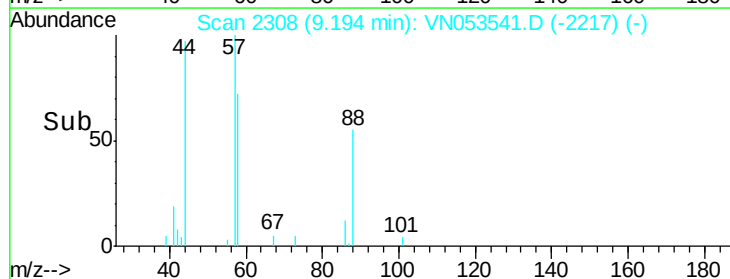
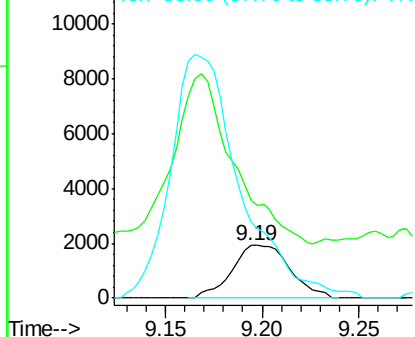


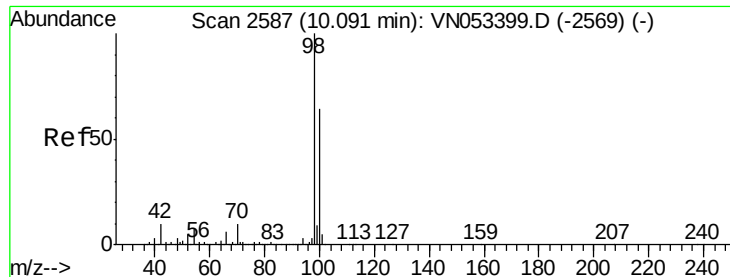
#49
1,4-Dioxane
Concen: 57.113 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. -0.01 min
Lab File: VN053541.D
Acq: 28 Jan 2019 13:14

Tgt Ion: 88 Resp: 4004
Ion Ratio Lower Upper
88 100
43 0.0 27.8 41.6#
58 0.0 56.5 84.7#



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





#50

Toluene-d8

Concen: 57.113 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053541.D

Acq: 28 Jan 2019 13:14

Instrument :

MSVOA_N

ClientSampled :

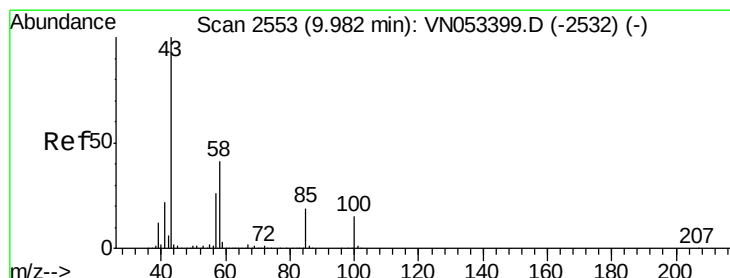
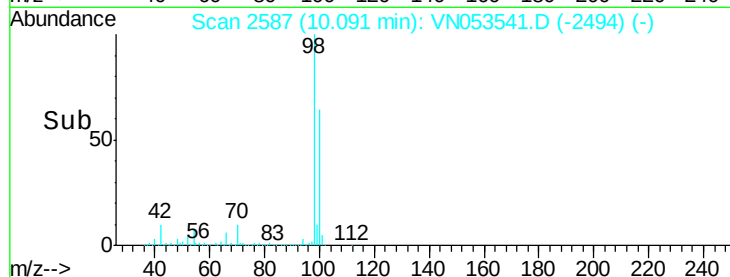
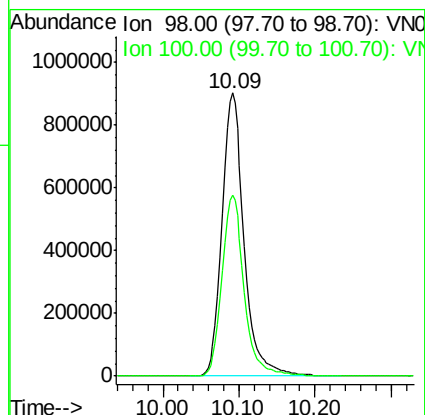
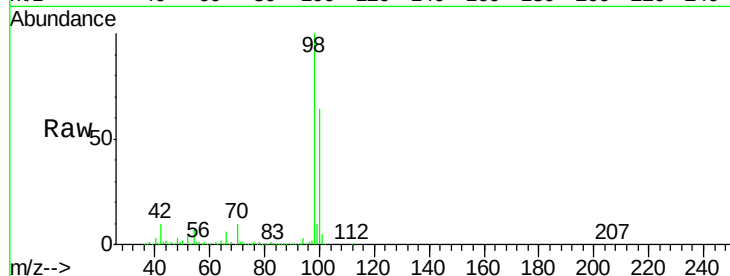
30175

Tot Ion: 98 Resp: 1818361

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 1.403 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053541.D

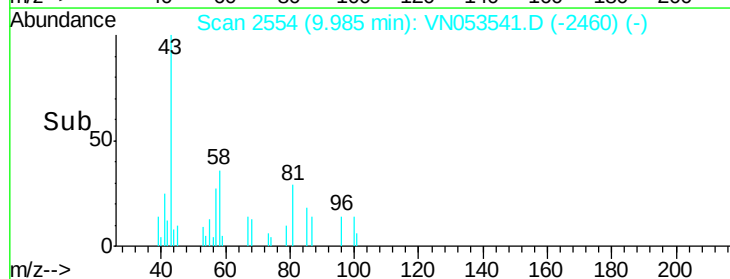
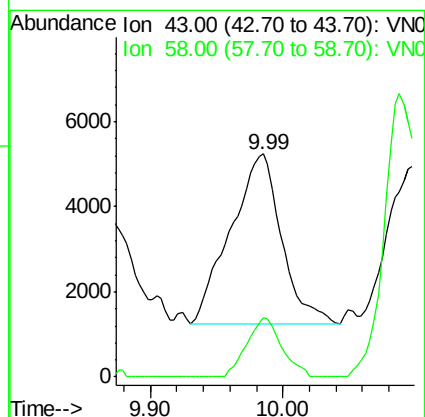
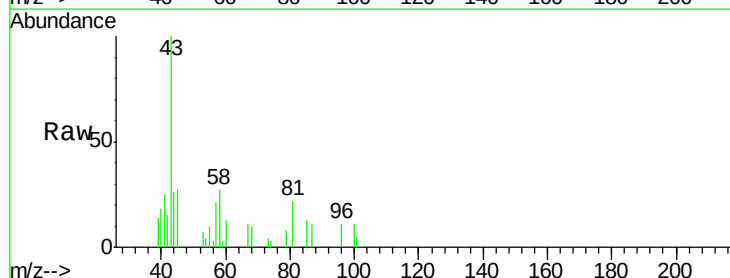
Acq: 28 Jan 2019 13:14

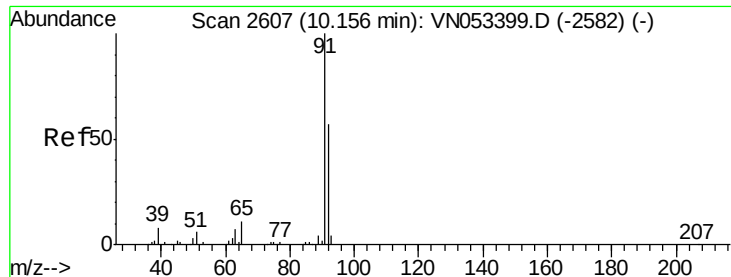
Tgt Ion: 43 Resp: 10645

Ion Ratio Lower Upper

43 100

58 24.0 32.8 49.2#





#52

Toluene

Concen: 53.516 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053541.D

Acq: 28 Jan 2019 13:14

Instrument :

MSVOA_N

ClientSampled :

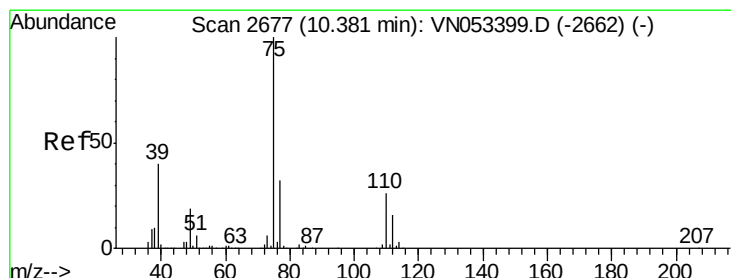
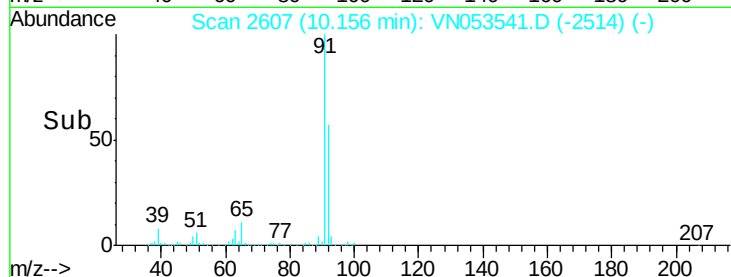
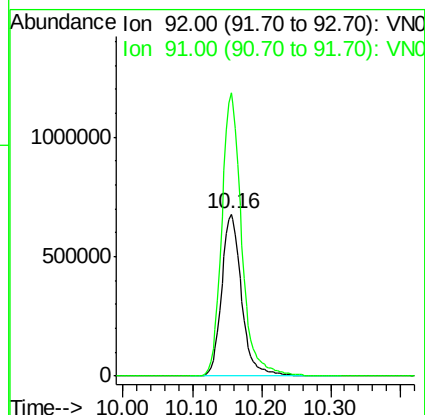
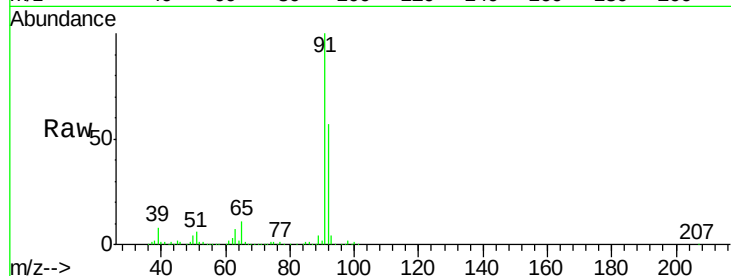
30175

Tot Ion: 92 Resp: 1356829

Ion Ratio Lower Upper

92 100

91 174.4 139.9 209.9



#53

t-1,3-Dichloropropene

Concen: 1.068 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.23 min

Lab File: VN053541.D

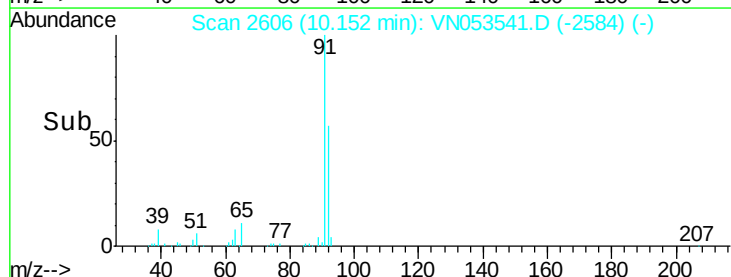
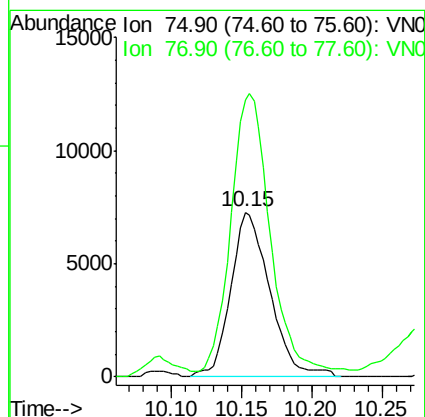
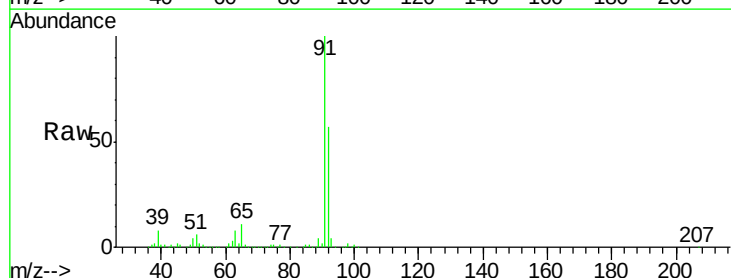
Acq: 28 Jan 2019 13:14

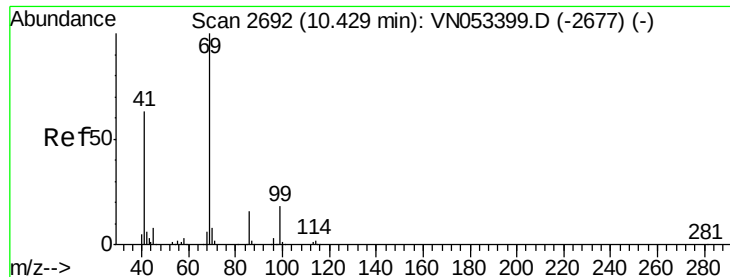
Tgt Ion: 75 Resp: 14148

Ion Ratio Lower Upper

75 100

77 164.8 25.5 38.3#

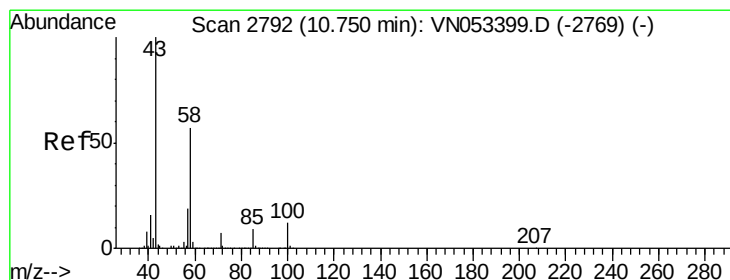
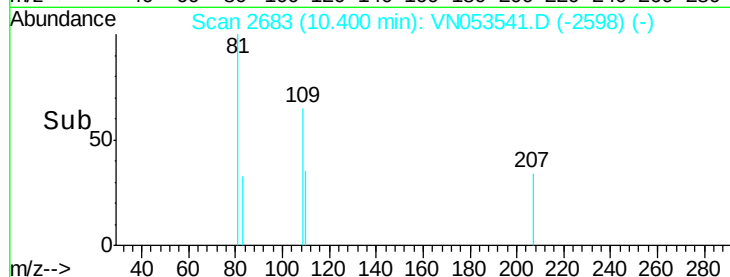
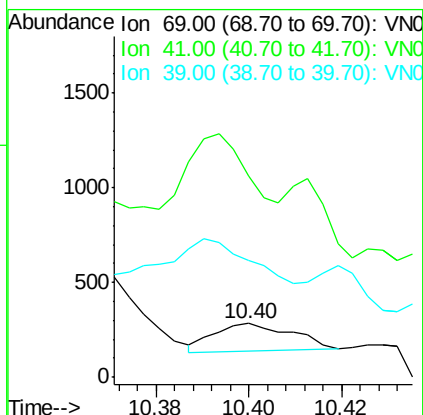
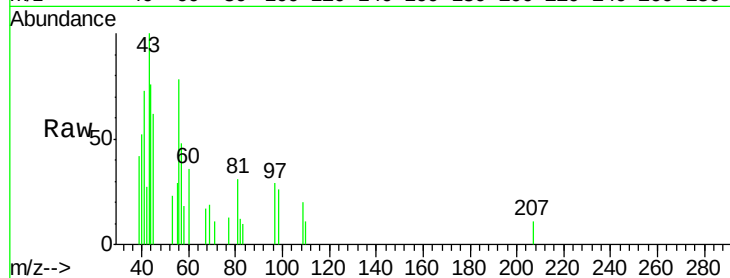




#56
Ethyl methacrylate
Concen: 2.071 ug/l
RT: 10.40 min Scan# 2683
Delta R.T. -0.03 min
Lab File: VN053541.D
Acq: 28 Jan 2019 13:14

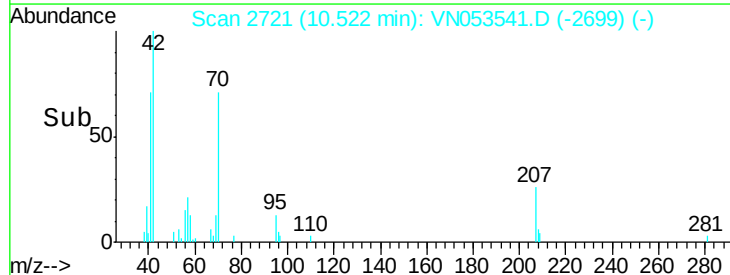
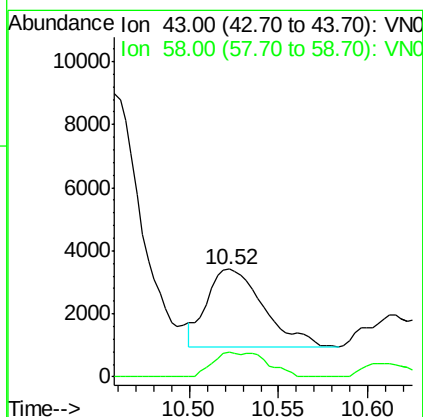
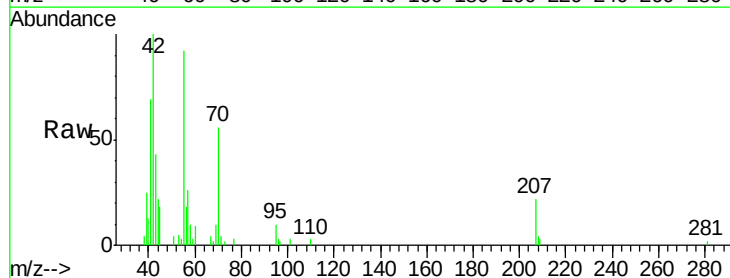
Instrument :
MSVOA_N
ClientSampled :
30175

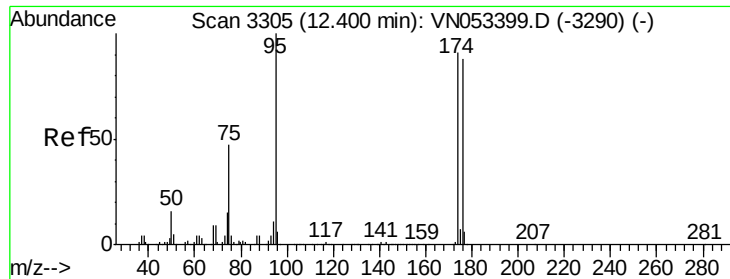
Tot Ion	69.00	Resp	166
Ion Ratio	Lower	Upper	
69	100		
41	0.0	49.4	74.0#
39	0.0	23.3	34.9#



#59
2-Hexanone
Concen: 1.018 ug/l
RT: 10.52 min Scan# 2721
Delta R.T. -0.23 min
Lab File: VN053541.D
Acq: 28 Jan 2019 13:14

Tgt Ion	43.00	Resp	5422
Ion Ratio	Lower	Upper	
43	100		
58	30.5	28.6	85.8





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053541.D

Acq: 28 Jan 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

30175

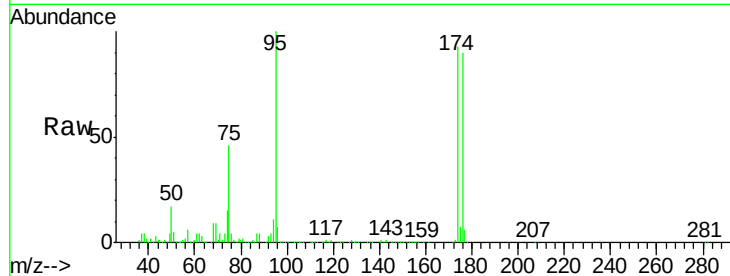
Tot Ion: 95 Resp: 616930

Ion Ratio Lower Upper

95 100

174 91.7 0.0 183.2

176 89.5 0.0 177.4

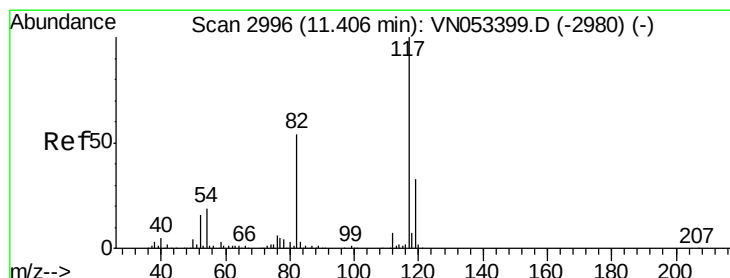
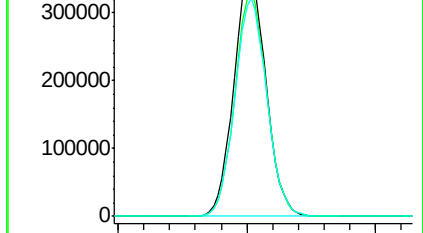
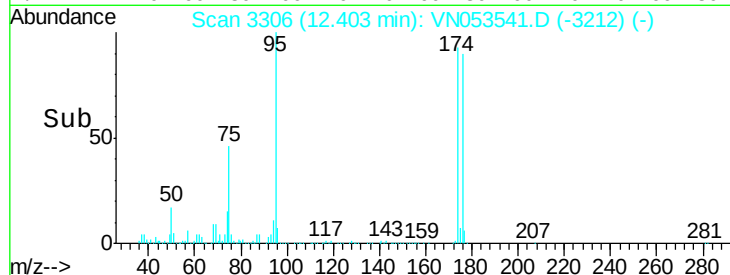


Abundance Ion 94.90 (94.60 to 95.60): VN053399.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN053399.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053399.D (-3290) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053541.D

Acq: 28 Jan 2019 13:14

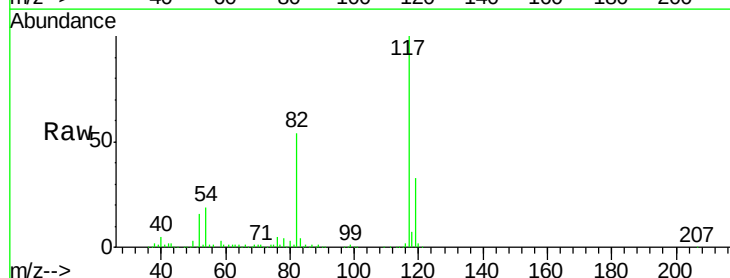
Tgt Ion: 117 Resp: 1350590

Ion Ratio Lower Upper

117 100

82 53.5 42.9 64.3

119 32.7 26.0 39.0

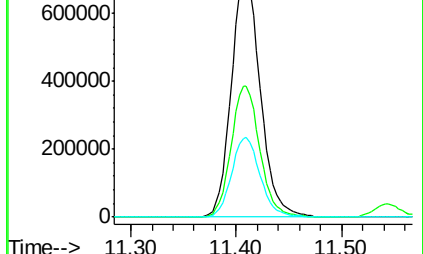
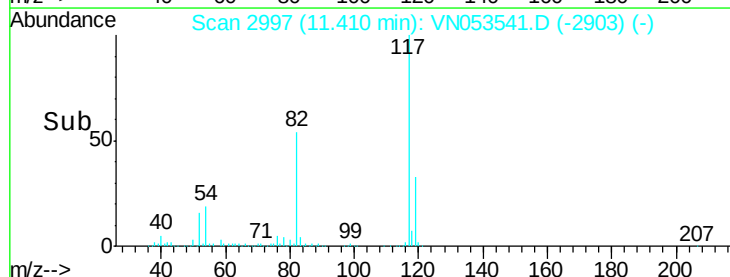


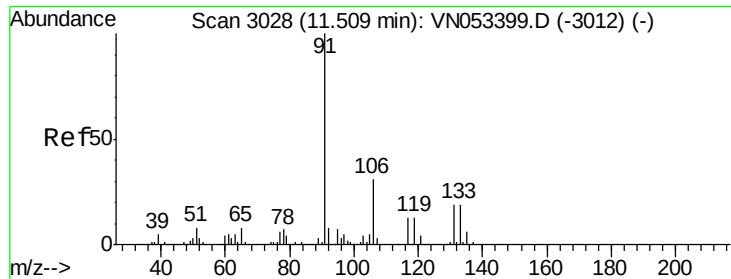
Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053399.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053399.D (-2980) (-)

Time--> 11.30 11.40 11.50





#66

1,1,1,2-Tetrachloroethane

Concen: 1.145 ug/l

RT: 11.54 min Scan# 3037

Delta R.T. 0.03 min

Lab File: VN053541.D

Acq: 28 Jan 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :
30175

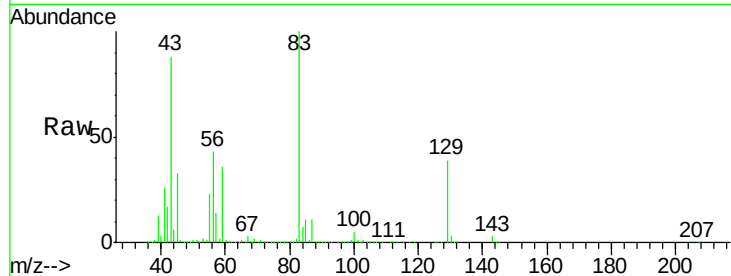
Tot Ion:131 Resp: 11387

Ion Ratio Lower Upper

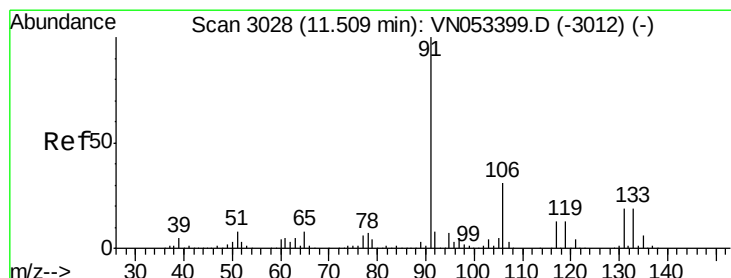
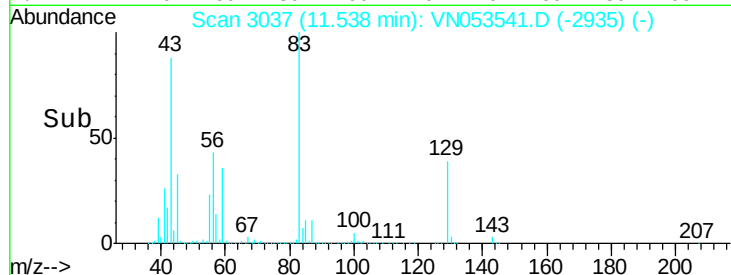
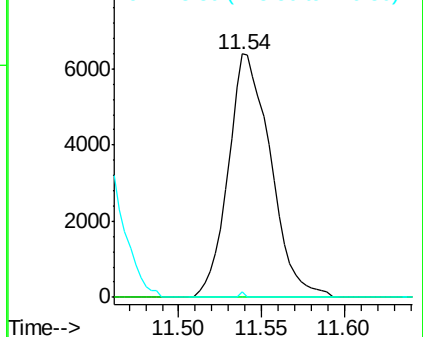
131 100

133 0.0 48.0 144.0#

119 0.0 33.5 100.5#



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 0.924 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN053541.D

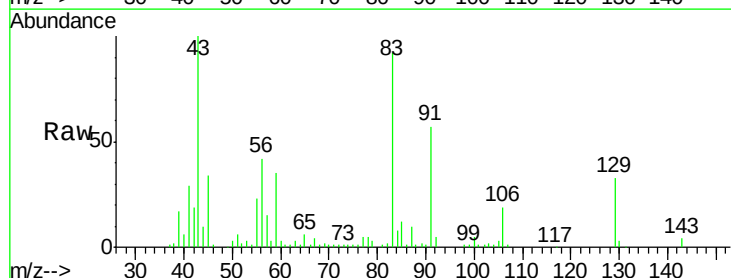
Acq: 28 Jan 2019 13:14

Tgt Ion: 91 Resp: 45028

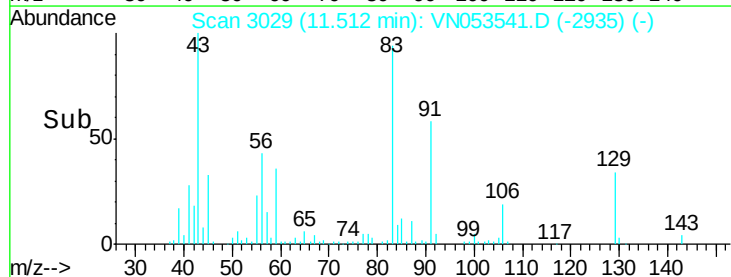
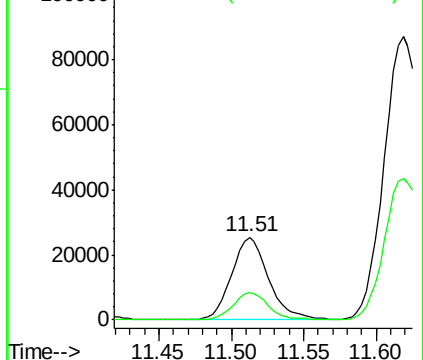
Ion Ratio Lower Upper

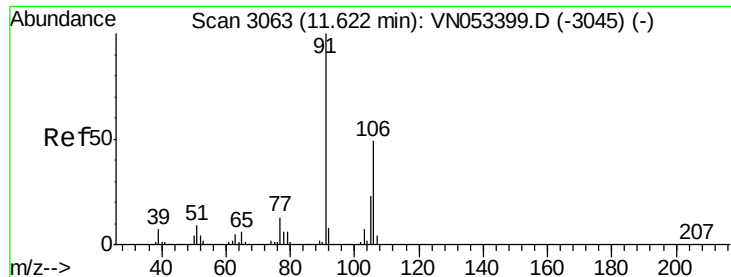
91 100

106 32.9 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V

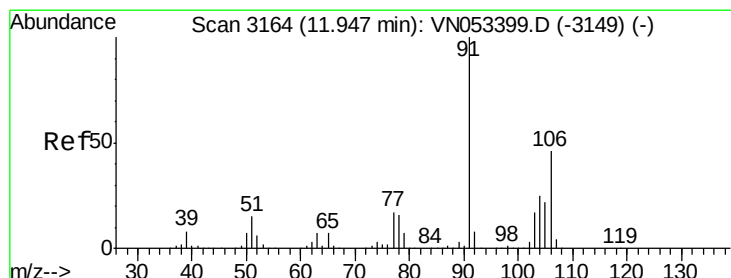
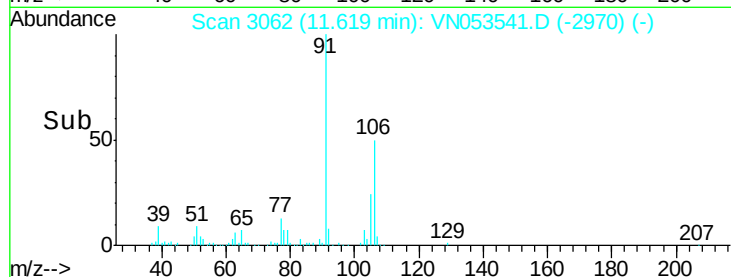
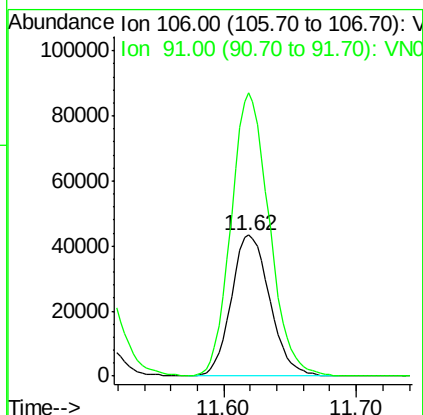
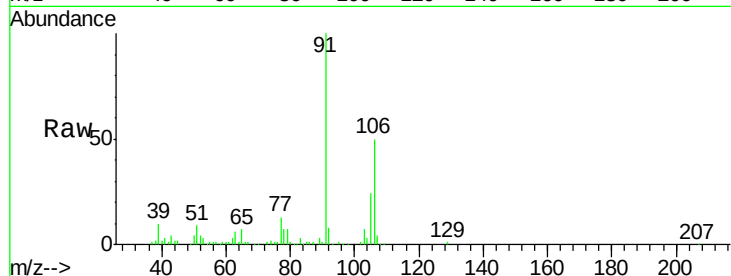




#68
m/p-Xylenes
Concen: 4.771 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053541.D
Acq: 28 Jan 2019 13:14

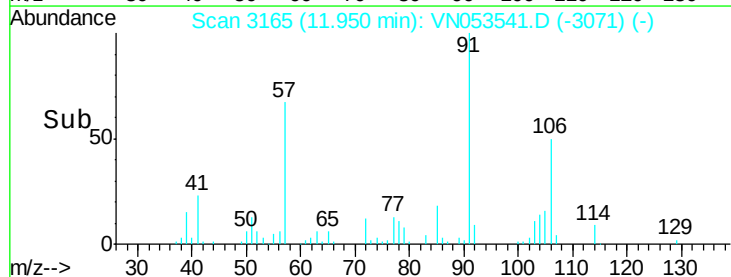
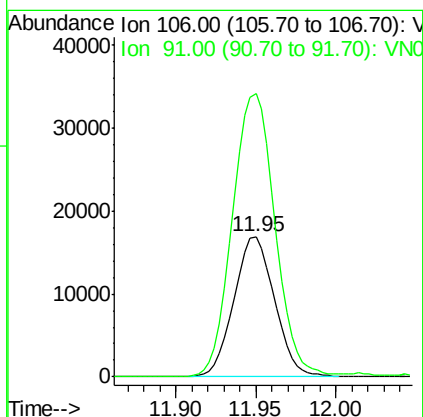
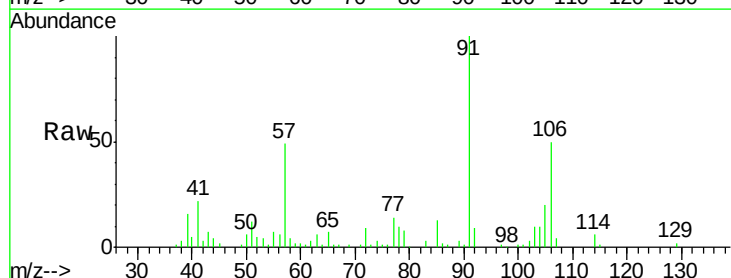
Instrument :
MSVOA_N
ClientSampled :
30175

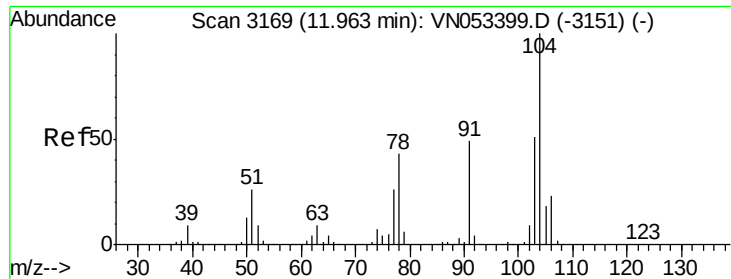
Tot Ion:106 Resp: 87764
Ion Ratio Lower Upper
106 100
91 198.3 161.4 242.2



#69
o-Xylene
Concen: 1.642 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053541.D
Acq: 28 Jan 2019 13:14

Tgt Ion:106 Resp: 29354
Ion Ratio Lower Upper
106 100
91 211.3 106.9 320.8

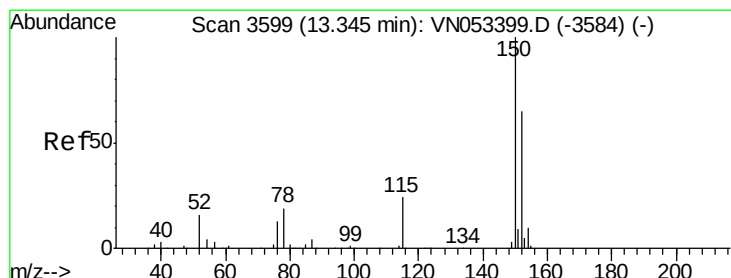
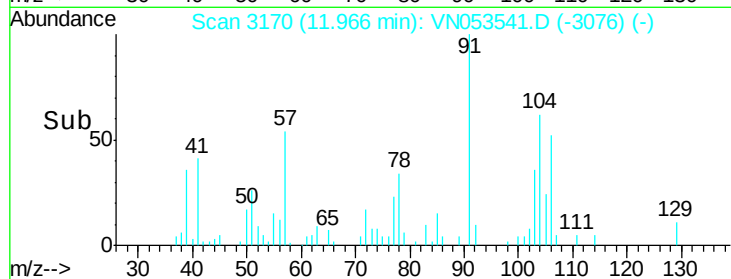
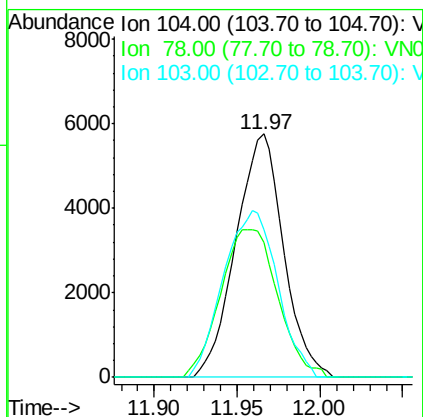
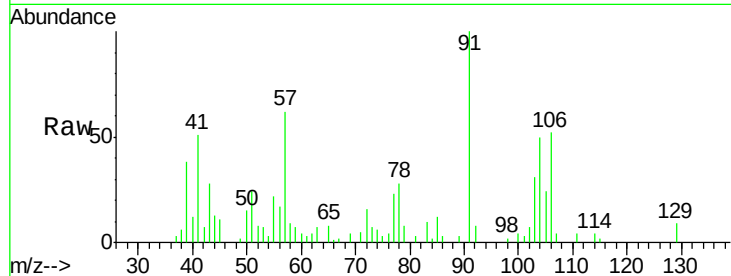




#70
Stvrene
Concen: 0.398 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN053541.D
Acq: 28 Jan 2019 13:14

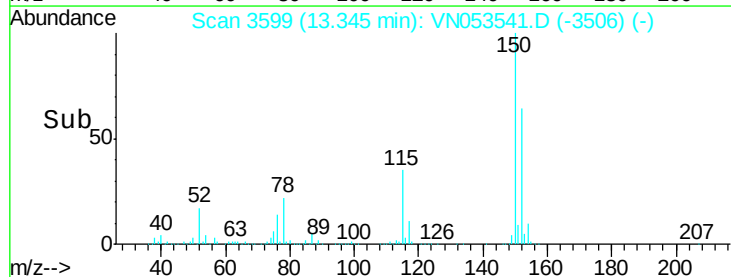
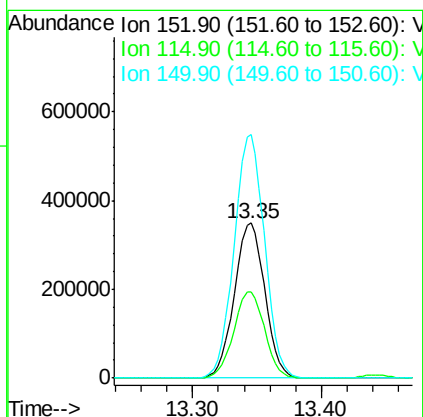
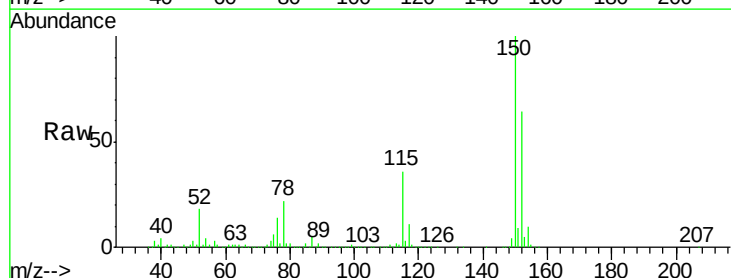
Instrument :
MSVOA_N
ClientSampled :
30175

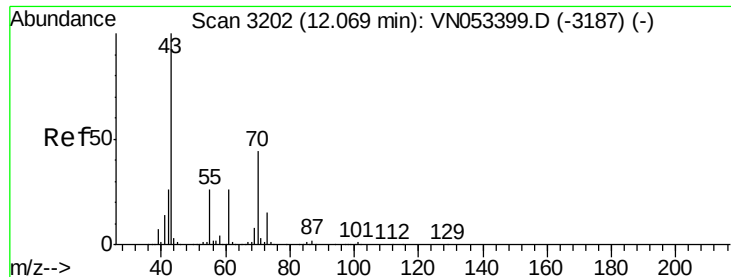
Tot Ion:104 Resp: 11535
Ion Ratio Lower Upper
104 100
78 72.8 38.2 57.2#
103 77.6 44.4 66.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053541.D
Acq: 28 Jan 2019 13:14

Tgt Ion:152 Resp: 572464
Ion Ratio Lower Upper
152 100
115 56.2 27.8 83.4
150 157.2 0.0 349.0





#74

N-amvl acetate

Concen: 2.493 ug/l

RT: 11.99 min Scan# 3179

Delta R.T. -0.07 min

Lab File: VN053541.D

Acq: 28 Jan 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :
30175

Tot Ion: 43 Resp: 27858

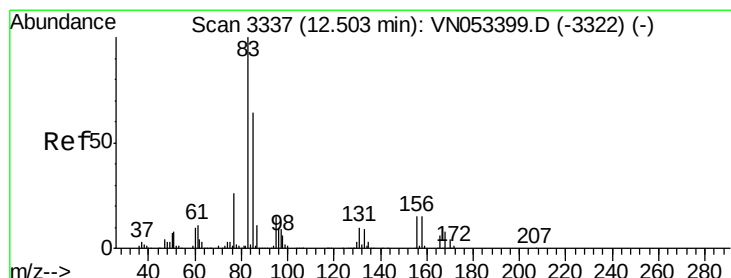
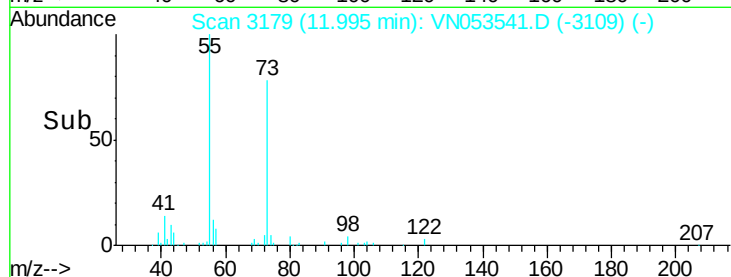
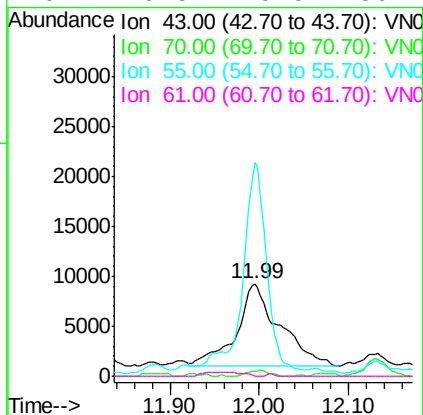
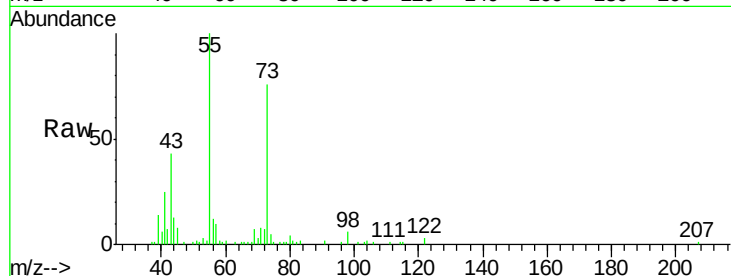
Ion Ratio Lower Upper

43 100

70 0.0 35.4 53.2#

55 135.4 20.9 31.3#

61 0.5 20.5 30.7#



#75

1,1,2,2-Tetrachloroethane

Concen: 30.980 ug/l

RT: 12.34 min Scan# 3285

Delta R.T. -0.17 min

Lab File: VN053541.D

Acq: 28 Jan 2019 13:14

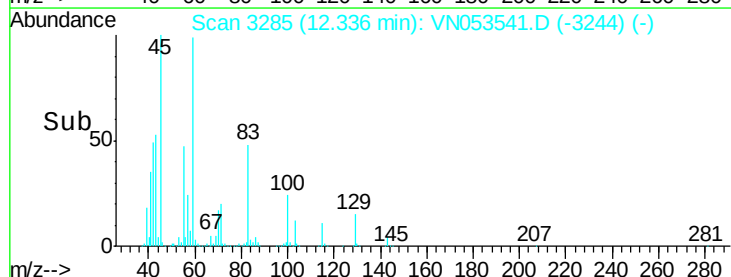
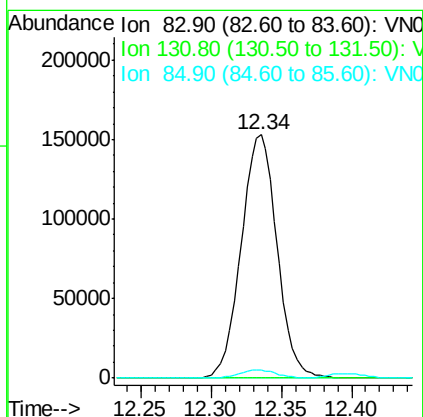
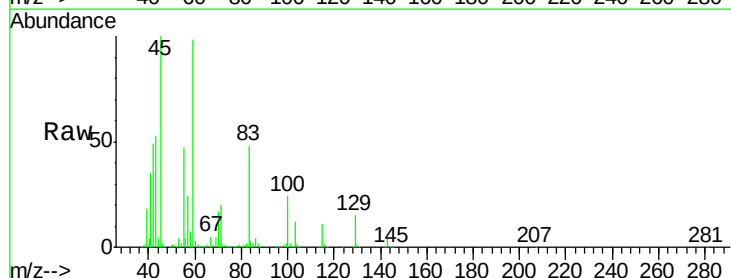
Tgt Ion: 83 Resp: 272377

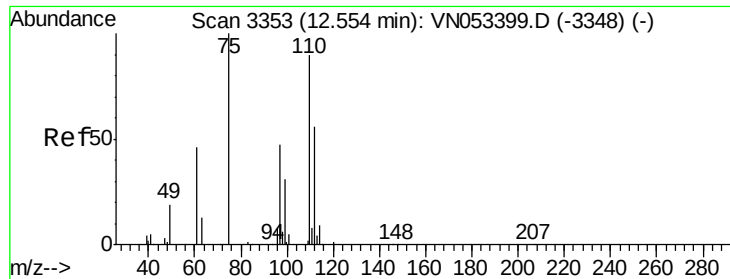
Ion Ratio Lower Upper

83 100

131 0.2 5.3 15.8#

85 3.5 32.1 96.3#

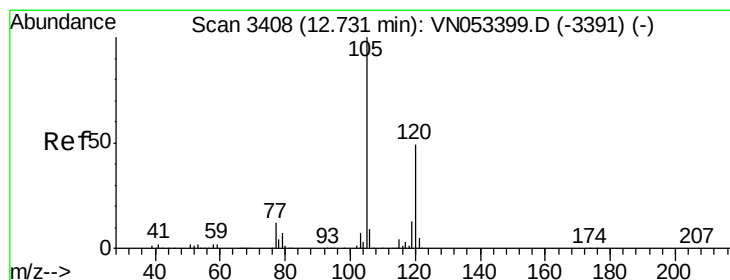
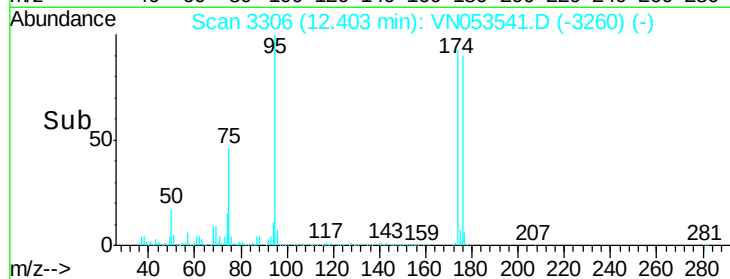
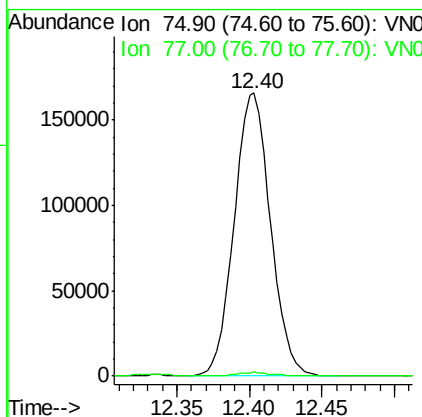
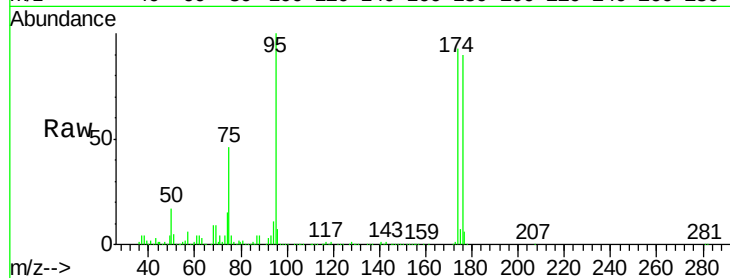




#76
 1,2,3-Trichloropropane
 Concen: 38.162 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN053541.D
 Acq: 28 Jan 2019 13:14

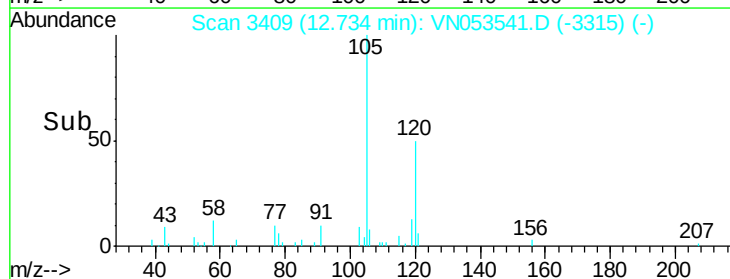
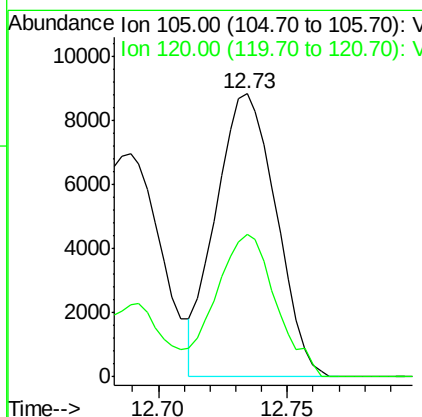
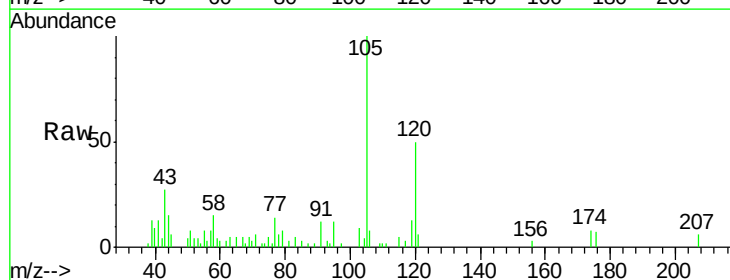
Instrument :
 MSVOA_N
 ClientSampled :
 30175

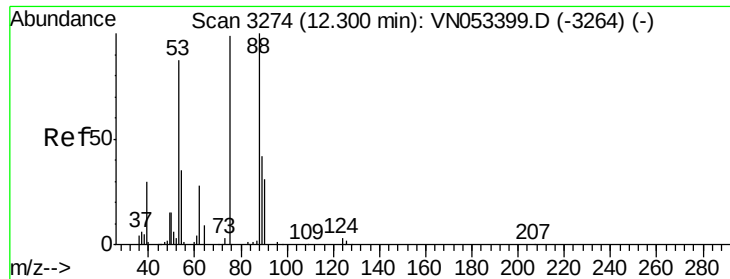
Tot Ion: 75 Resp: 287897
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.421 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN053541.D
 Acq: 28 Jan 2019 13:14

Tgt Ion: 105 Resp: 14362
 Ion Ratio Lower Upper
 105 100
 120 50.9 24.9 74.6

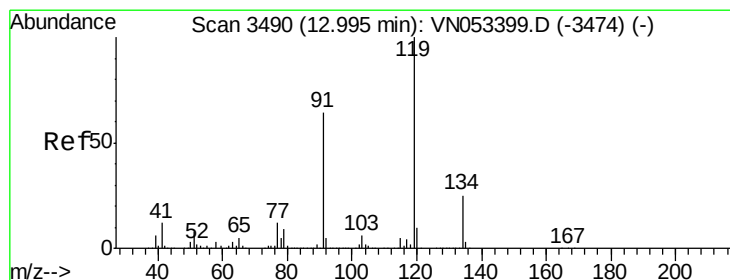
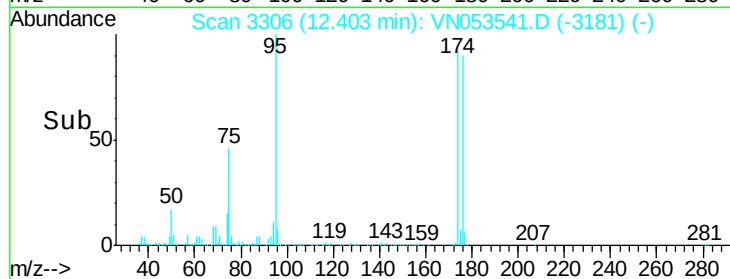
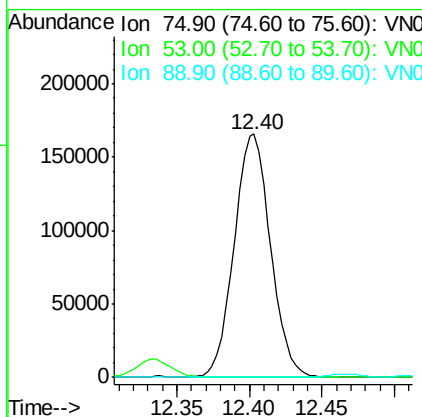
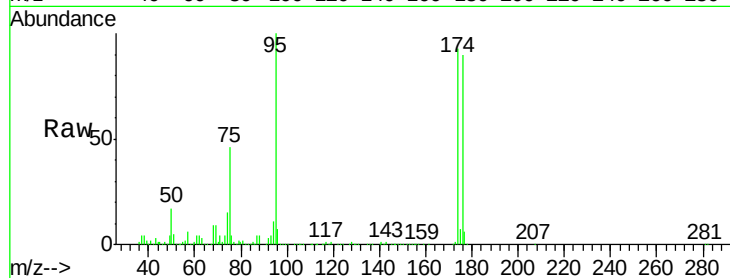




#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.220 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN053541.D
 Acq: 28 Jan 2019 13:14

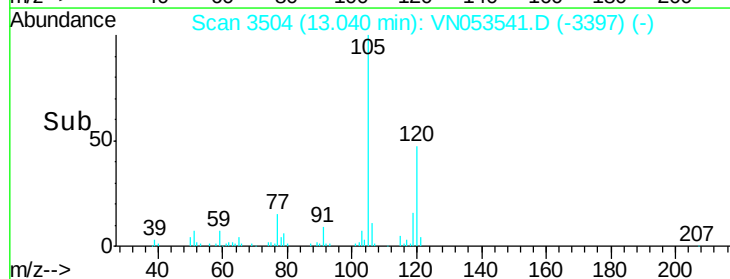
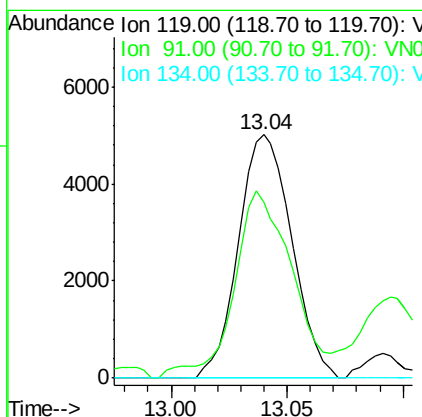
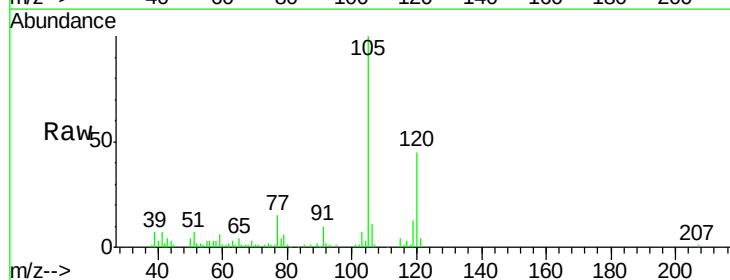
Instrument :
 MSVOA_N
 ClientSampleId :
 30175

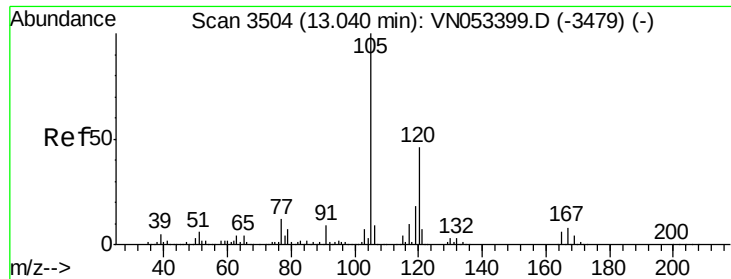
Tot Ion: 75 Resp: 287897
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.8 104.6#
 89 0.0 35.6 53.4#



#83
 tert-Butylbenzene
 Concen: 0.266 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.05 min
 Lab File: VN053541.D
 Acq: 28 Jan 2019 13:14

Tgt Ion: 119 Resp: 8012
 Ion Ratio Lower Upper
 119 100
 91 83.4 31.3 93.8
 134 0.0 12.9 38.7#





#84

1,2,4-Trimethylbenzene

Concen: 1.973 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053541.D

Acq: 28 Jan 2019 13:14

Instrument :

MSVOA_N

ClientSampled :

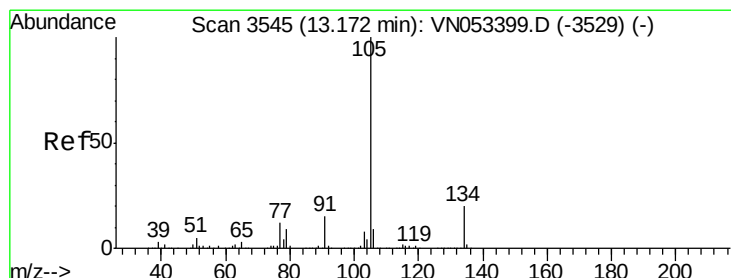
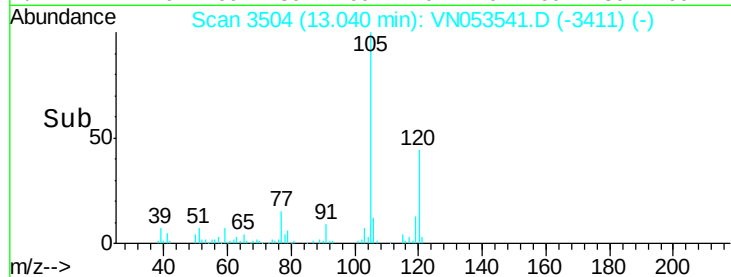
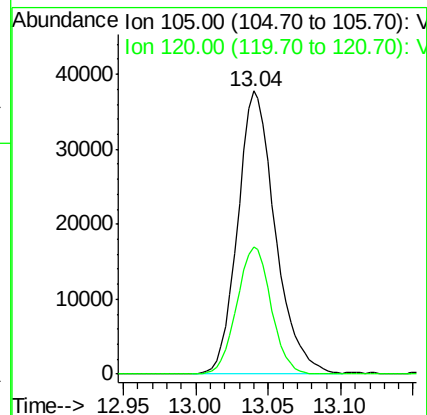
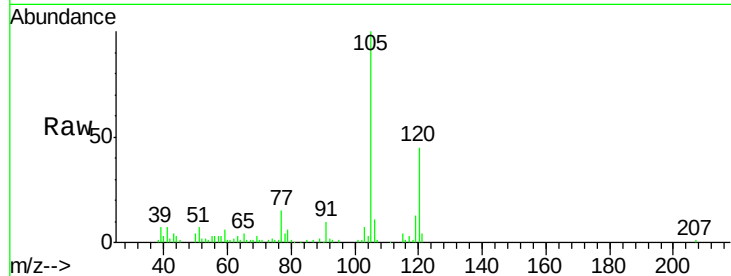
30175

Tot Ion:105 Resp: 67871

Ion Ratio Lower Upper

105 100

120 41.0 23.0 69.0



#85

sec-Butylbenzene

Concen: 1.643 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN053541.D

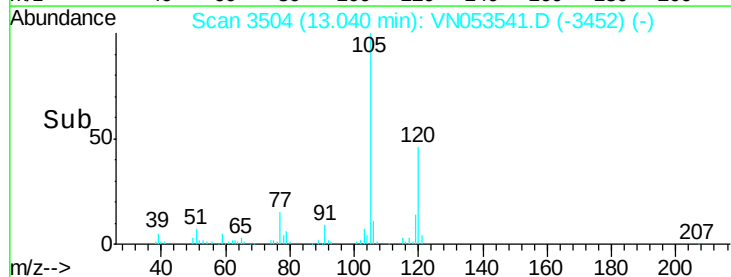
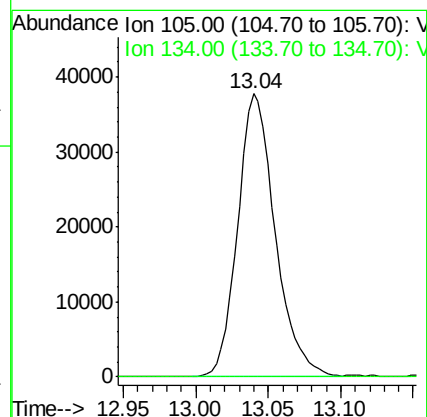
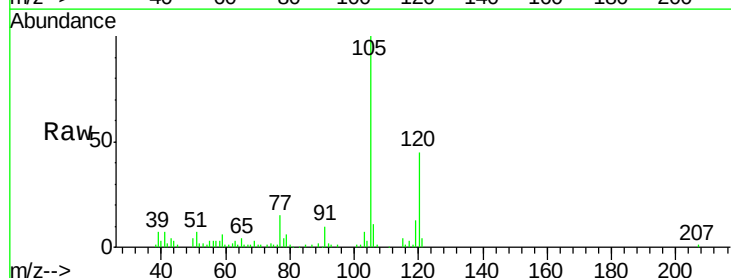
Acq: 28 Jan 2019 13:14

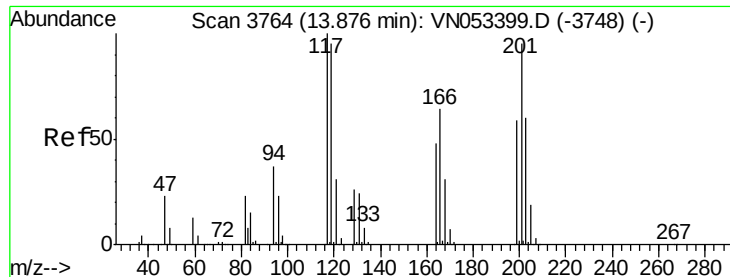
Tgt Ion:105 Resp: 67871

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.6#





#90

Hexachloroethane

Concen: 1.534 ug/l

RT: 13.87 min Scan# 3761

Delta R.T. -0.01 min

Lab File: VN053541.D

Acq: 28 Jan 2019 13:14

Instrument :

MSVOA_N

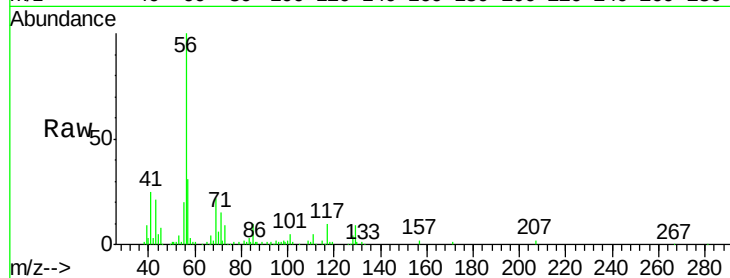
ClientSampled :
30175

Tot Ion:117 Resp: 8632

Ion Ratio Lower Upper

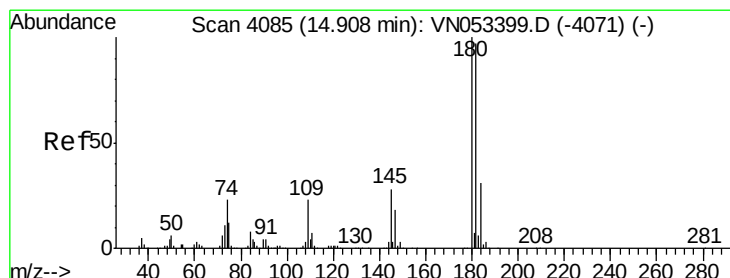
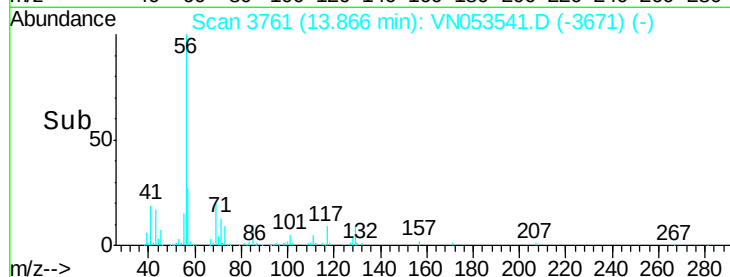
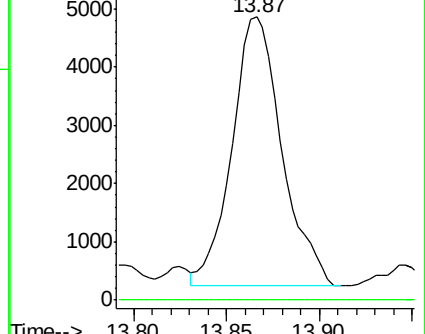
117 100

201 0.0 46.8 140.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 2.791 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.00 min

Lab File: VN053541.D

Acq: 28 Jan 2019 13:14

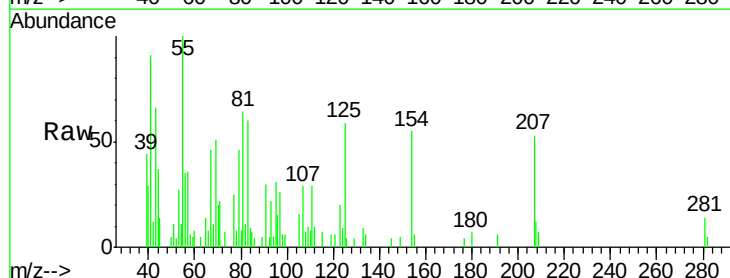
Tgt Ion:180 Resp: 210

Ion Ratio Lower Upper

180 100

182 0.0 48.1 144.3#

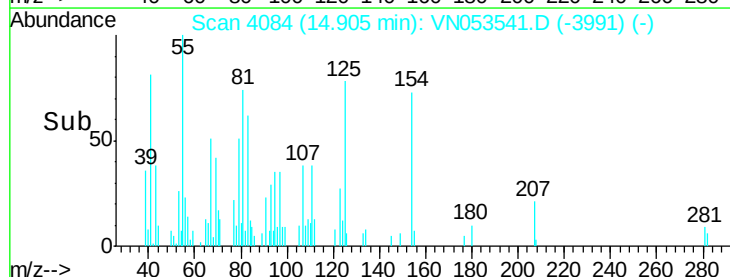
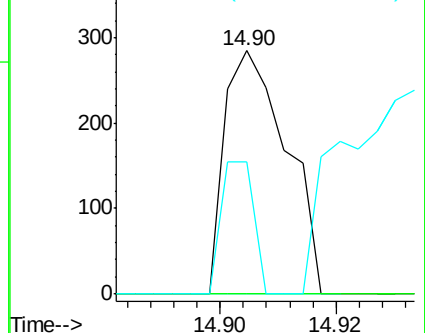
145 28.6 13.9 41.6

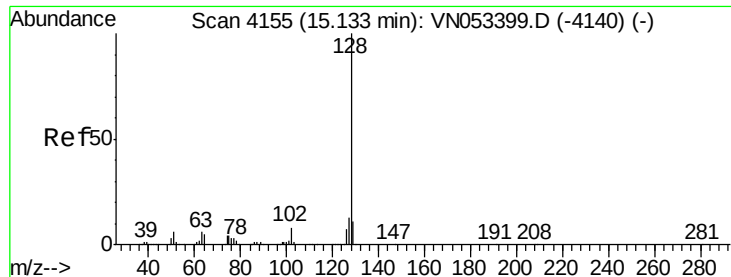


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 6.882 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053541.D

Acq: 28 Jan 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

30175

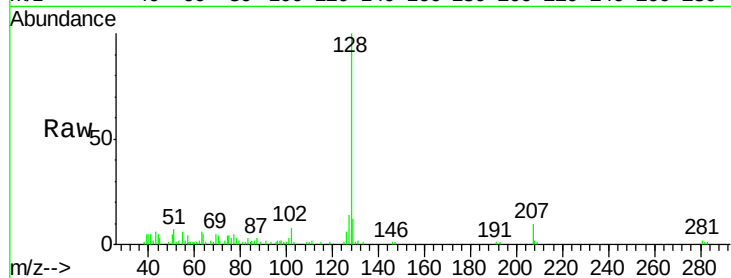
Tot Ion:128 Resp: 44216

Ion Ratio Lower Upper

128 100

127 15.3 10.3 15.5

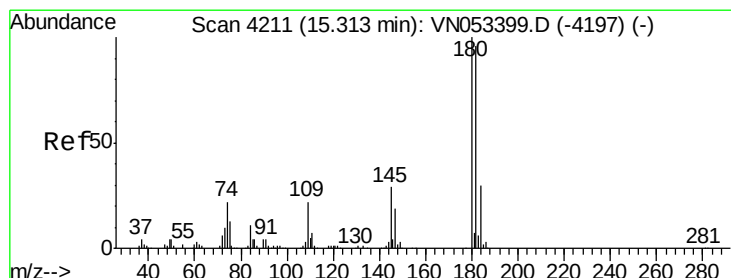
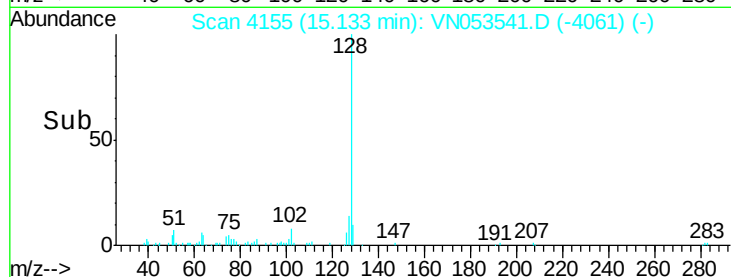
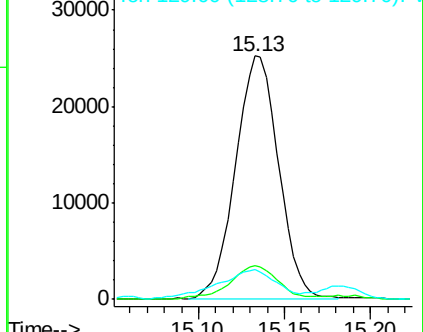
129 16.7 8.6 13.0#



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: 3.921 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN053541.D

Acq: 28 Jan 2019 13:14

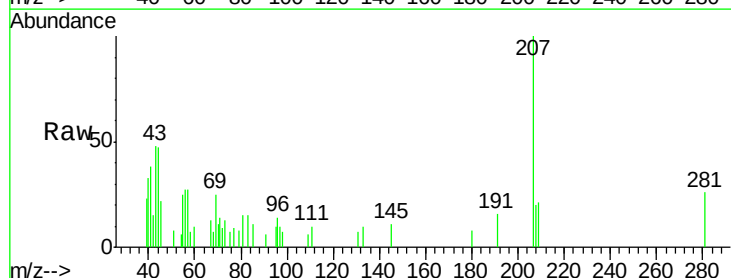
Tgt Ion:180 Resp: 107

Ion Ratio Lower Upper

180 100

182 135.5 47.9 143.8

145 0.0 14.7 44.1#



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

