

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012819\
 Data File : VN053546.D
 Acq On : 28 Jan 2019 15:28
 Operator : JC/SP
 Sample : PB116640ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 29 08:20:49 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	7.67	168	910832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1452439	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1314888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	574239	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	470022	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
35) Dibromofluoromethane	7.59	113	449805	54.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.52%	
50) Toluene-d8	10.09	98	1761411	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
62) 4-Bromofluorobenzene	12.40	95	590372	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	

Target Compounds

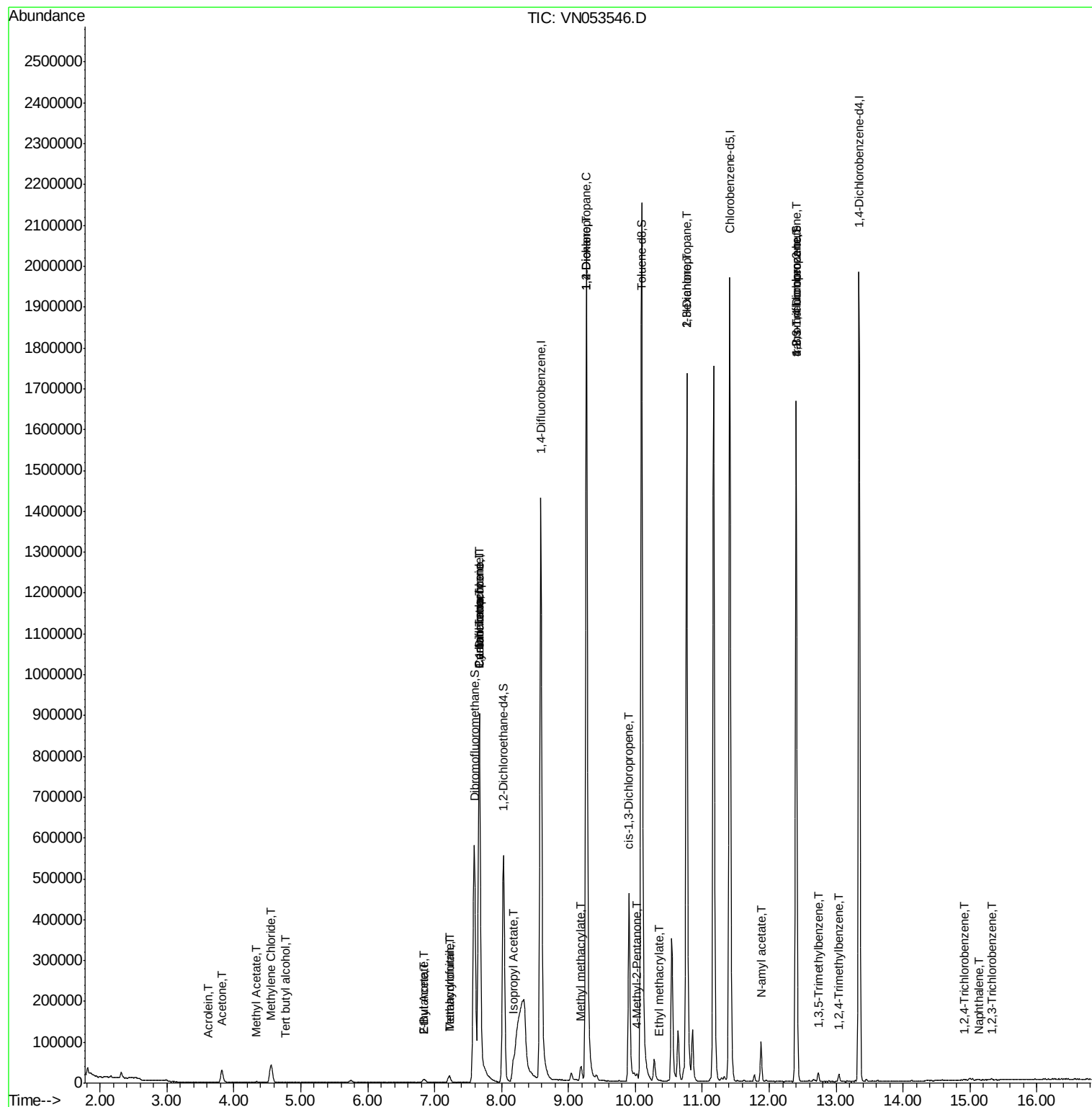
						Qvalue
11) Tert butyl alcohol	4.78	59	347	0.788	ug/l #	72
13) Acrolein	3.61	56	69	22.811	ug/l #	14
16) Acetone	3.82	43	52393	24.805	ug/l	100
18) Methyl Acetate	4.33	43	5221	0.734	ug/l #	75
20) Methylene Chloride	4.55	84	34186	3.545	ug/l	97
25) 2-Butanone	6.84	43	13645	4.192	ug/l	93
29) Tetrahydrofuran	7.22	42	14155	6.680	ug/l	98
31) Cyclohexane	7.67	56	13892	0.657	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	53951	4.079	ug/l #	47
37) Ethyl Acetate	6.84	43	13645	1.793	ug/l #	67
38) Carbon Tetrachloride	7.67	117	74563	5.954	ug/l #	16
41) Methacrylonitrile	7.22	41	8354	2.490	ug/l #	40
43) Isopropyl Acetate	8.17	43	43179	3.155	ug/l #	84
45) 1,2-Dichloropropane	9.27	63	2695	0.253	ug/l #	43
48) Methyl methacrylate	9.18	41	12527	1.773	ug/l #	12
49) 1,4-Dioxane	9.27	88	70	1.014	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	12505	1.674	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	101581	6.646	ug/l #	59
56) Ethyl methacrylate	10.37	69	162	2.070	ug/l #	28
57) 1,3-Dichloropropane	10.77	76	20248	1.360	ug/l #	43
59) 2-Hexanone	10.77	43	267535	51.019	ug/l #	50
74) N-amyl acetate	11.88	43	31453	2.806	ug/l #	50
76) 1,2,3-Trichloropropane	12.40	75	272179	35.967	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	11232	0.328	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	272179	88.946	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	11948	0.346	ug/l	98
93) 1,2,4-Trichlorobenzene	14.91	180	898	2.873	ug/l #	87
95) Naphthalene	15.14	128	2083	4.077	ug/l #	79
96) 1,2,3-Trichlorobenzene	15.31	180	570	3.995	ug/l #	74

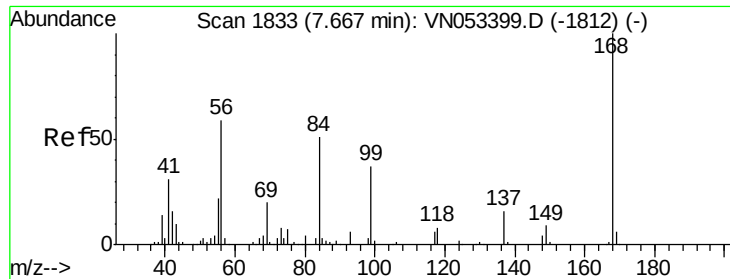
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN012819\
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Instrument :
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ClientSampleId :

Quant Time: Jan 29 08:20:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053546.D

Acq: 28 Jan 2019 15:28

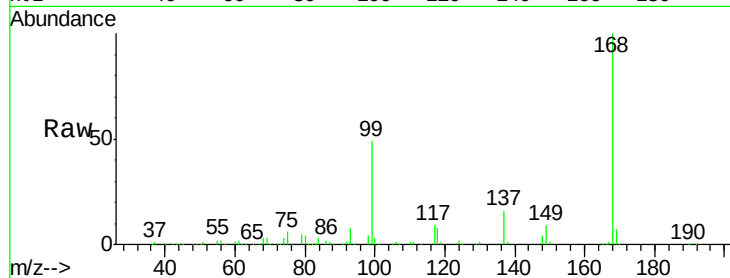
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 910832

Ion Ratio Lower Upper

168 100

99 49.3 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053399.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN053399.D (-1812) (-)

7.67

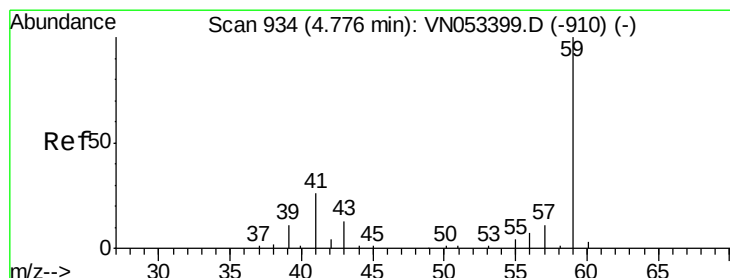
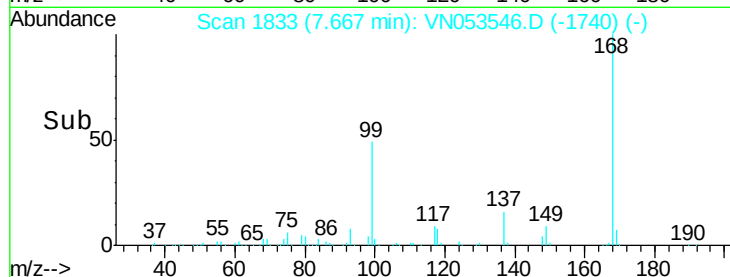
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#11

Tert butyl alcohol

Concen: 0.788 ug/l

RT: 4.78 min Scan# 934

Delta R.T. 0.00 min

Lab File: VN053546.D

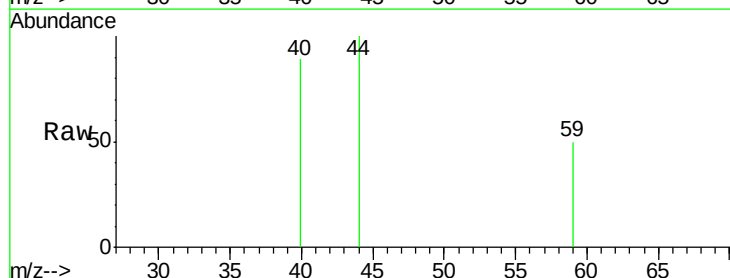
Acq: 28 Jan 2019 15:28

Tgt Ion: 59 Resp: 347

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VN053399.D (-910) (-)

Ion 57.00 (56.70 to 57.70): VN053399.D (-910) (-)

4.78

400

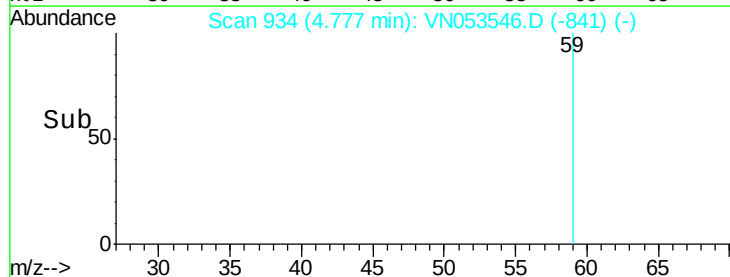
300

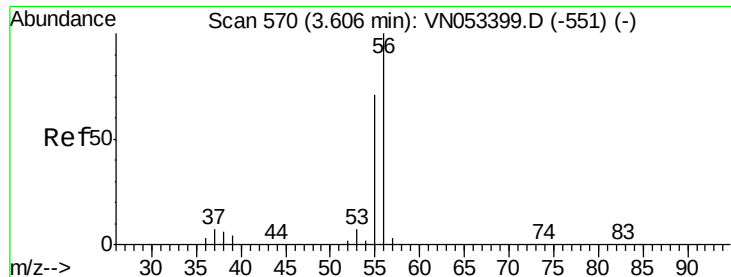
200

100

0

Time--> 4.75 4.76 4.77 4.78 4.79

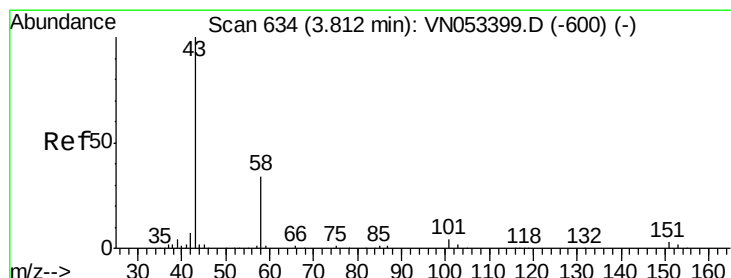
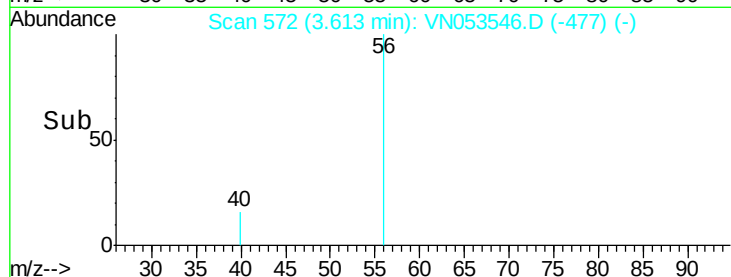
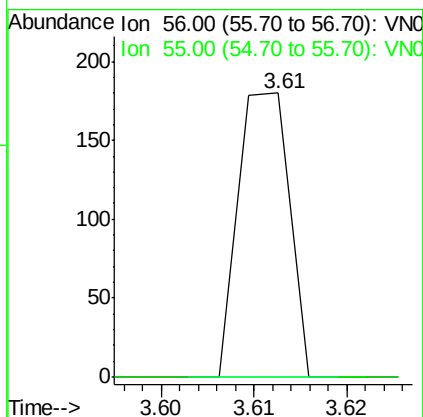
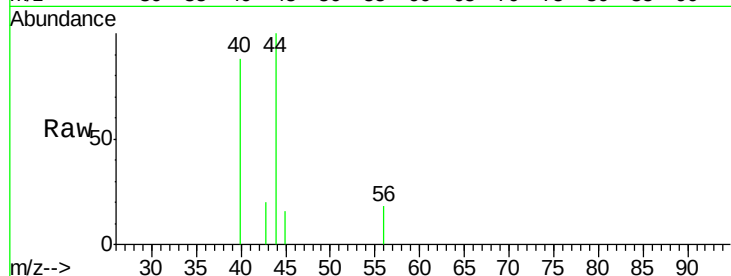




#13
Acrolein
Concen: 22.811 ug/l
RT: 3.61 min Scan# 572
Delta R.T. 0.01 min
Lab File: VN053546.D
Acq: 28 Jan 2019 15:28

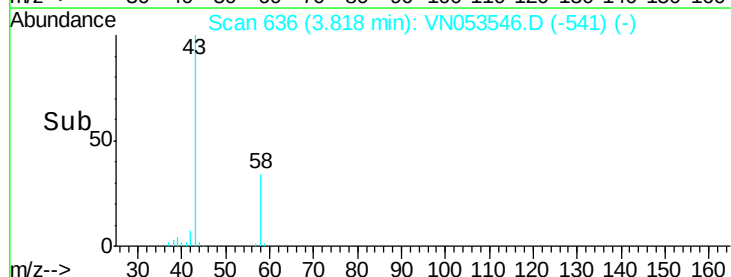
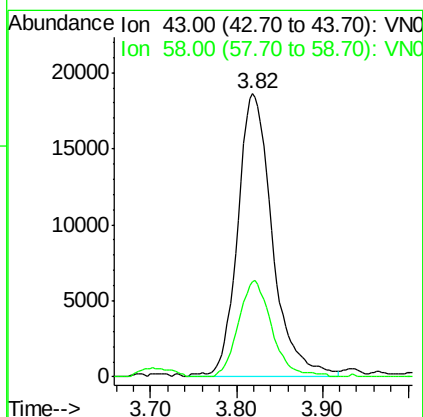
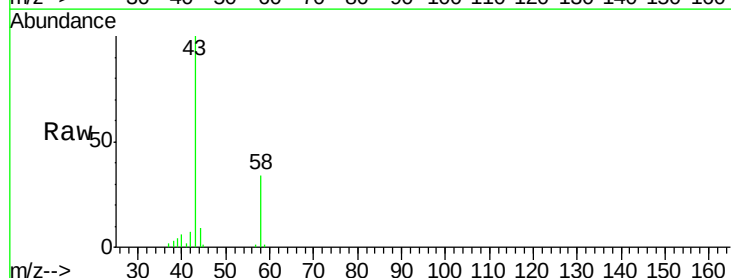
Instrument :
MSVOA_N
ClientSampled :

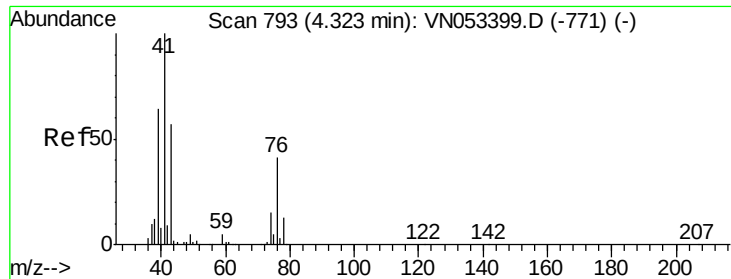
Tot Ion: 56 Resp: 69
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#



#16
Acetone
Concen: 24.805 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.01 min
Lab File: VN053546.D
Acq: 28 Jan 2019 15:28

Tgt Ion: 43 Resp: 52393
Ion Ratio Lower Upper
43 100
58 33.7 27.1 40.7

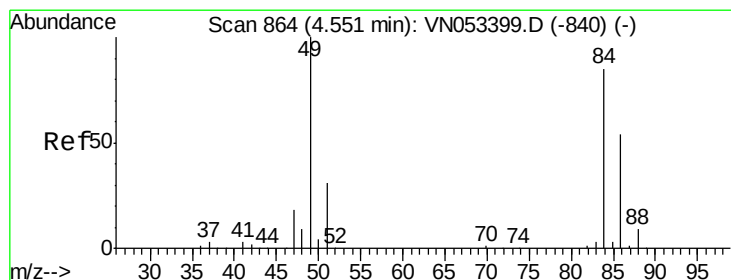
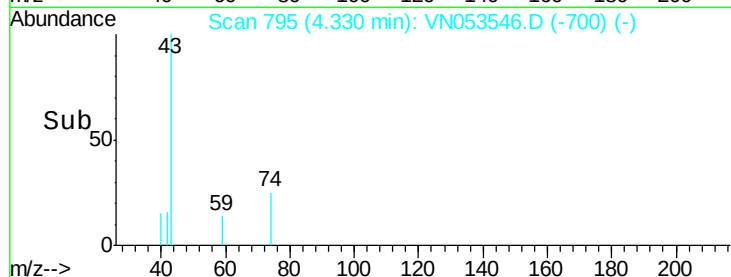
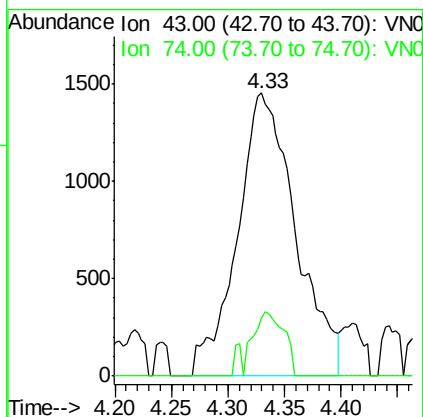
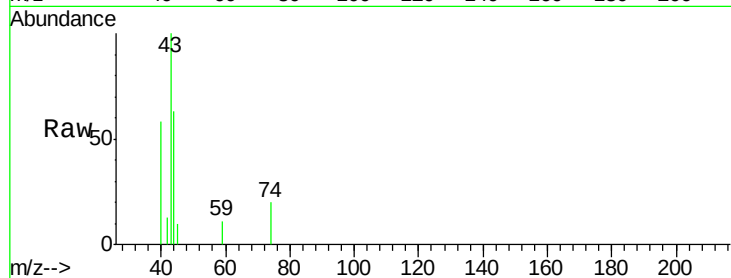




#18
Methyl Acetate
Concen: 0.734 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN053546.D
Acq: 28 Jan 2019 15:28

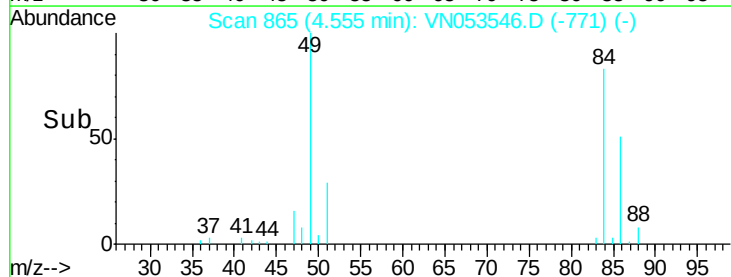
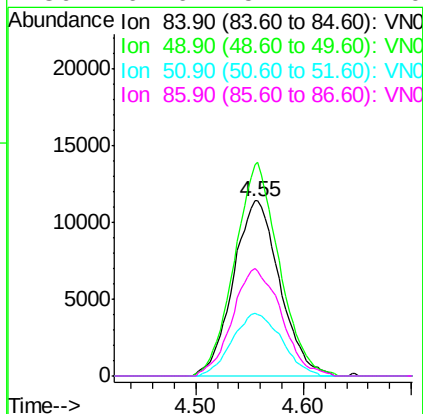
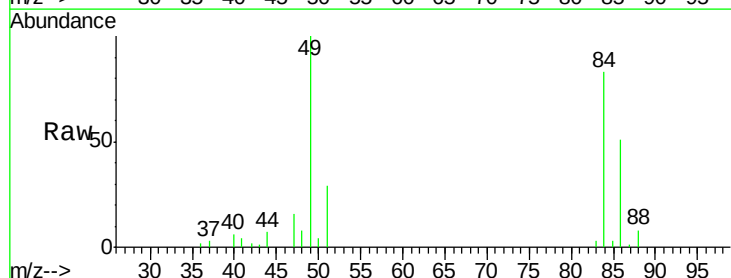
Instrument :
MSVOA_N
ClientSampleId :

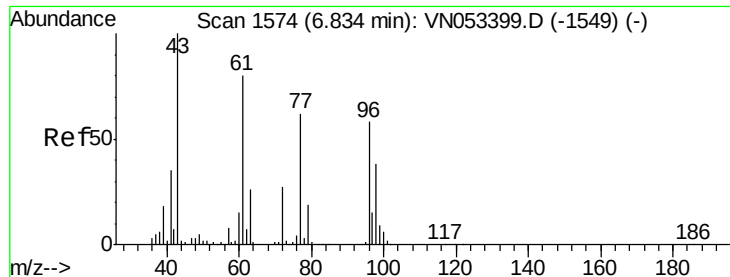
Tot Ion: 43 Resp: 5221
Ion Ratio Lower Upper
43 100
74 11.8 19.4 29.2#



#20
Methylene Chloride
Concen: 3.545 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053546.D
Acq: 28 Jan 2019 15:28

Tgt Ion: 84 Resp: 34186
Ion Ratio Lower Upper
84 100
49 120.7 94.3 141.5
51 35.5 29.4 44.2
86 61.6 51.4 77.0

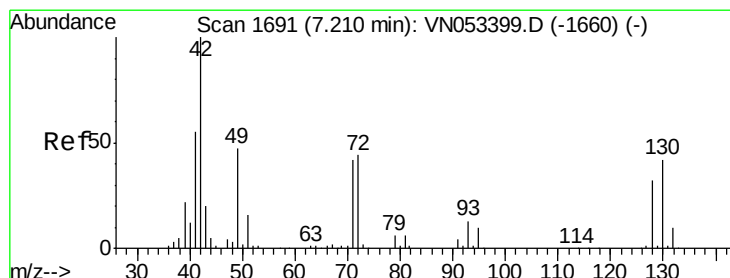
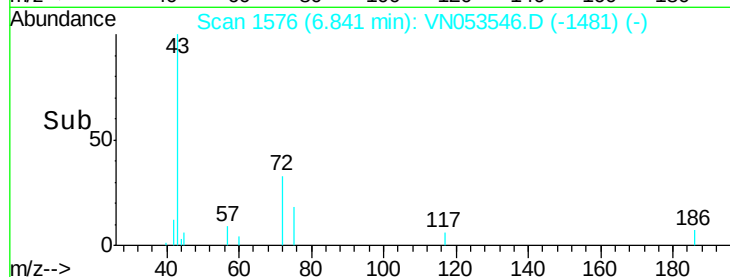
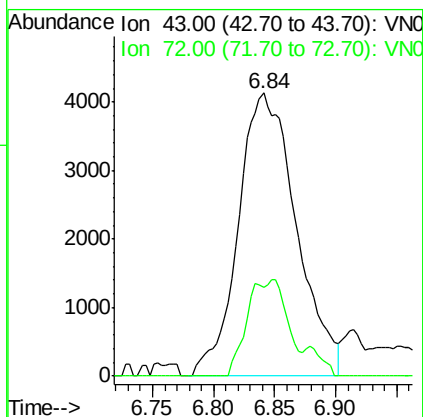
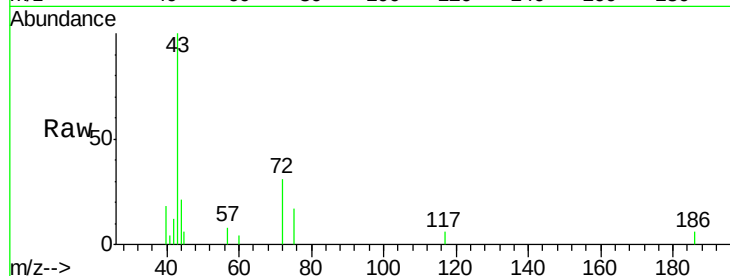




#25
 2-Butanone
 Concen: 4.192 ug/l
 RT: 6.84 min Scan# 1576
 Delta R.T. 0.01 min
 Lab File: VN053546.D
 Acq: 28 Jan 2019 15:28

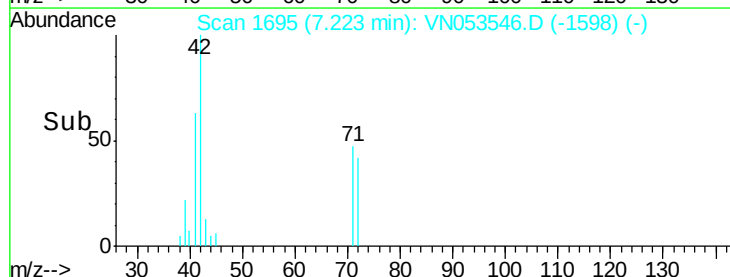
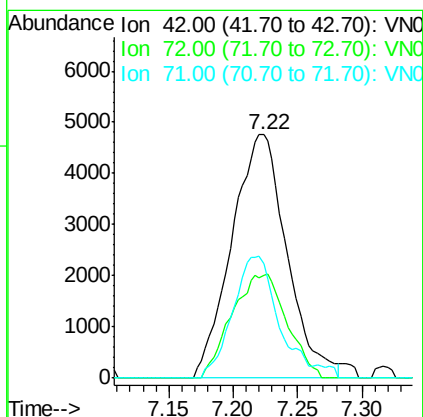
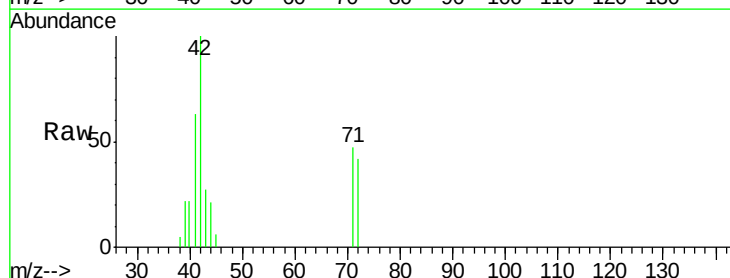
Instrument :
 MSVOA_N
 ClientSampleId :

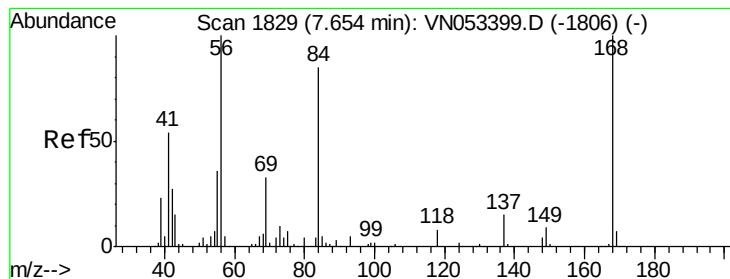
Tot Ion: 43 Resp: 13645
 Ion Ratio Lower Upper
 43 100
 72 31.3 22.0 33.0



#29
 Tetrahydrofuran
 Concen: 6.680 ug/l
 RT: 7.22 min Scan# 1695
 Delta R.T. 0.01 min
 Lab File: VN053546.D
 Acq: 28 Jan 2019 15:28

Tgt Ion: 42 Resp: 14155
 Ion Ratio Lower Upper
 42 100
 72 42.5 35.2 52.8
 71 42.7 33.0 49.4





#31

Cyclohexane

Concen: 0.657 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN053546.D

Acq: 28 Jan 2019 15:28

Instrument :

MSVOA_N

ClientSampleId :

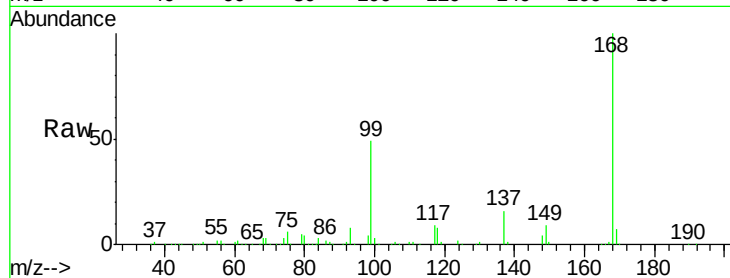
Tot Ion: 56 Resp: 13892

Ion Ratio Lower Upper

56 100

69 177.2 26.4 39.6#

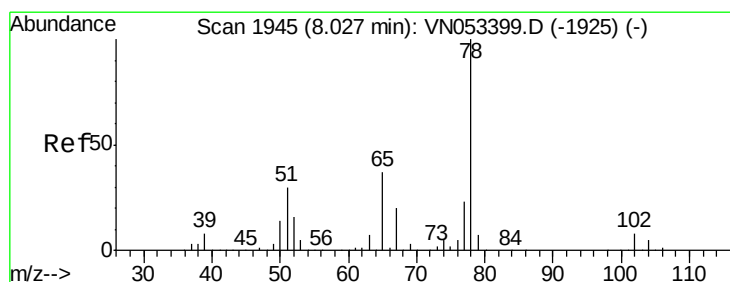
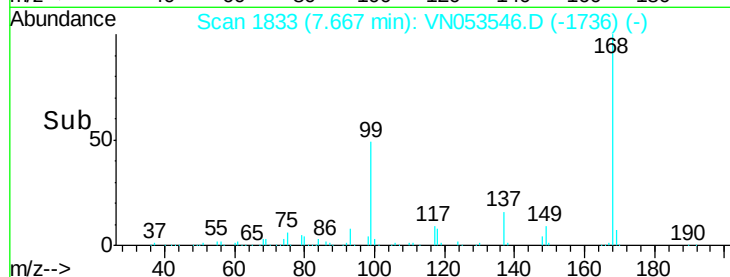
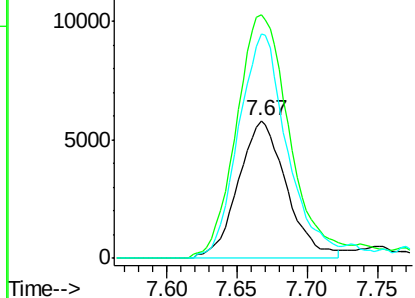
84 163.1 67.9 101.9#



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



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053546.D

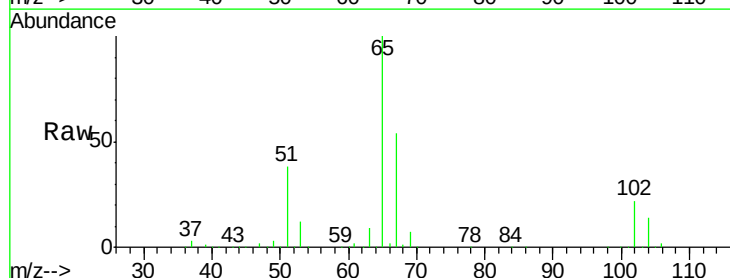
Acq: 28 Jan 2019 15:28

Tgt Ion: 65 Resp: 470022

Ion Ratio Lower Upper

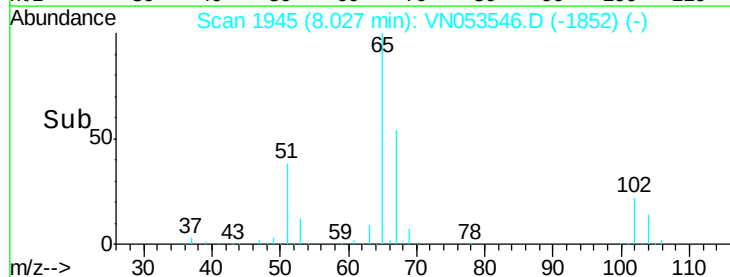
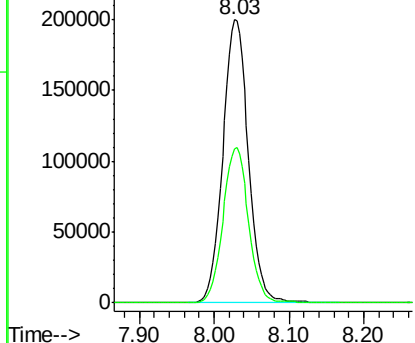
65 100

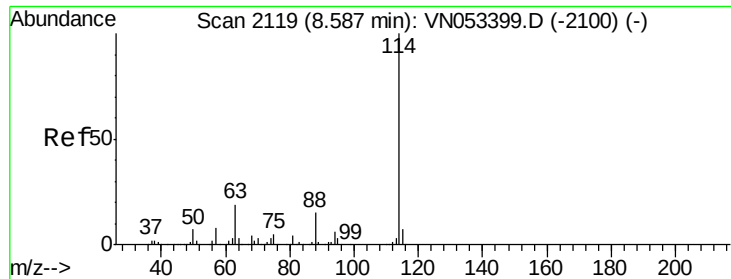
67 55.1 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

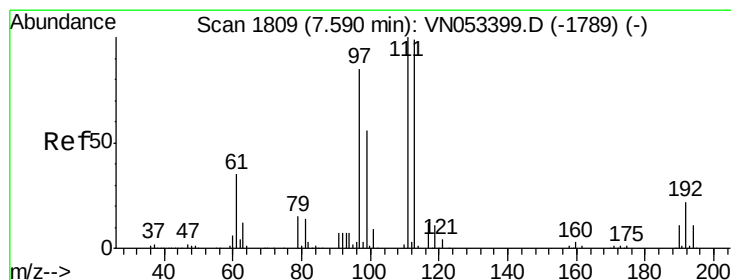
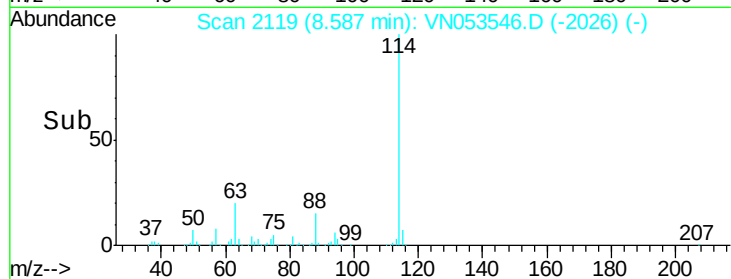
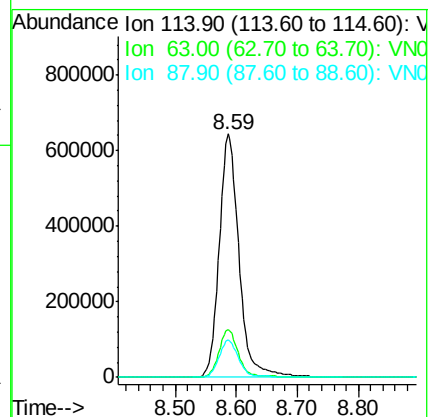
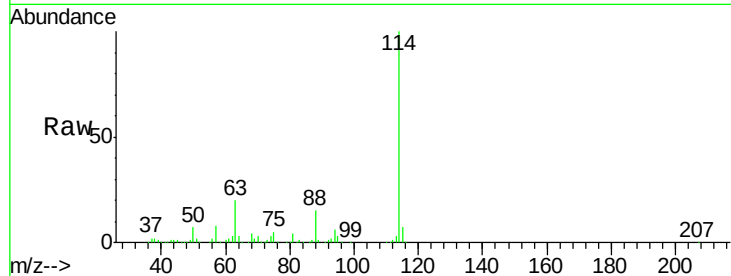




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053546.D
 Acq: 28 Jan 2019 15:28

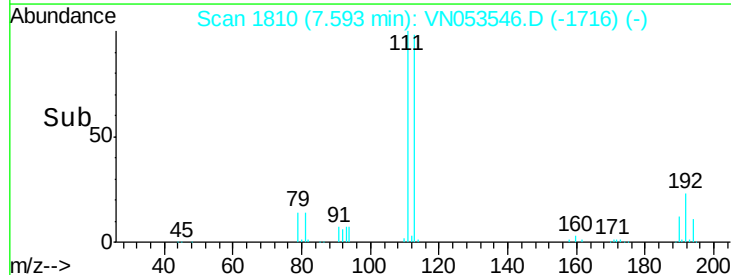
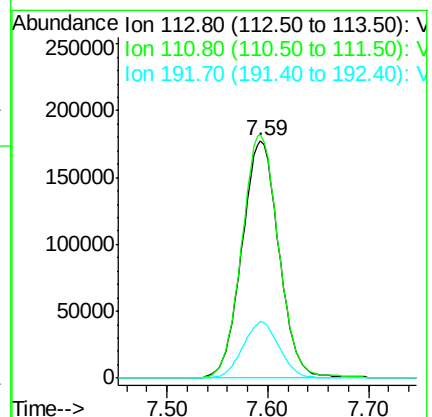
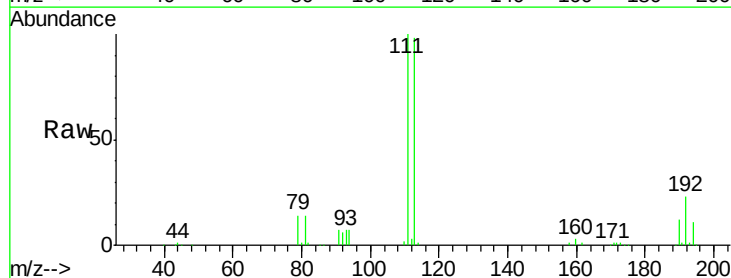
Instrument :
 MSVOA_N
 ClientSampleId :

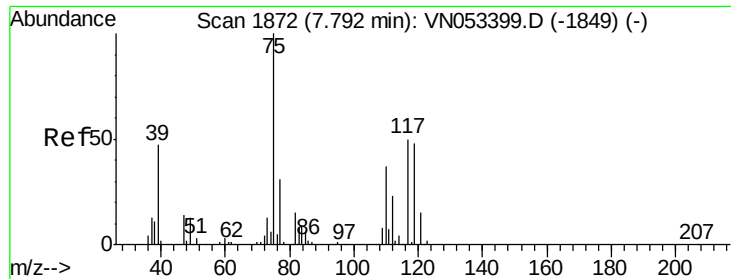
Tot Ion:114 Resp: 1452439
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.6
 88 15.2 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053546.D
 Acq: 28 Jan 2019 15:28

Tgt Ion:113 Resp: 449805
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.1 121.7
 192 23.3 18.2 27.2

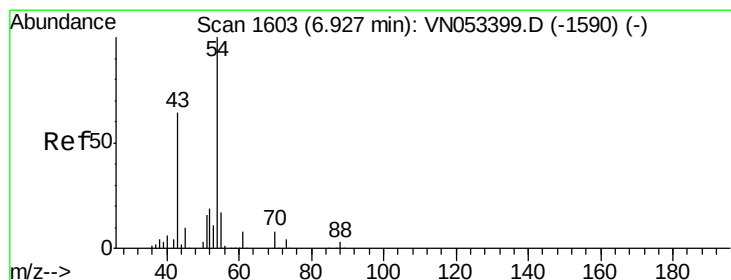
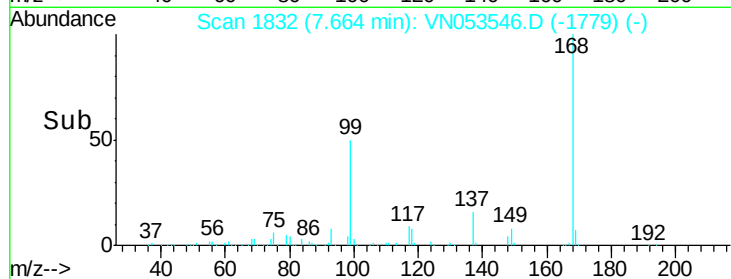
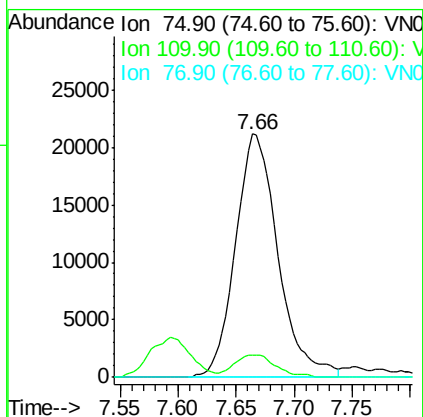
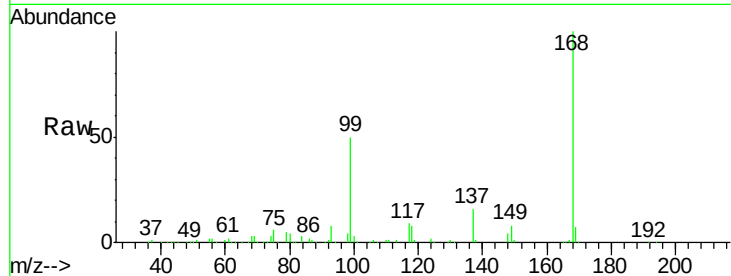




#36
 1,1-Dichloropropene
 Concen: 4.079 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053546.D
 Acq: 28 Jan 2019 15:28

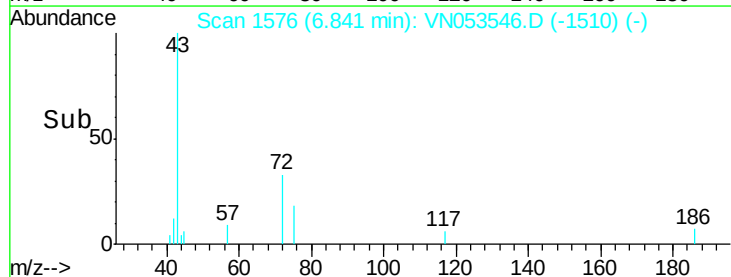
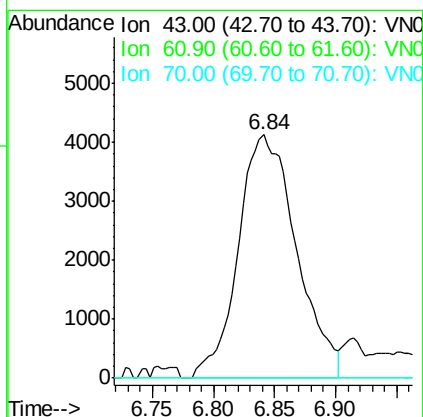
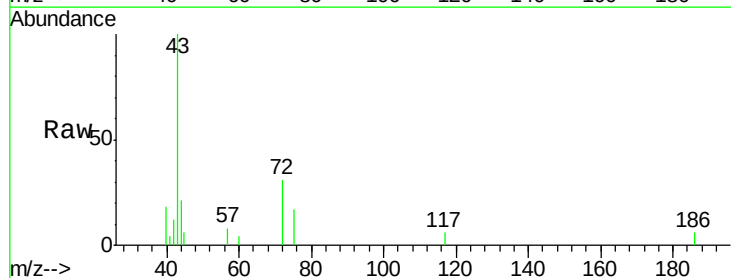
Instrument :
 MSVOA_N
 ClientSampled :

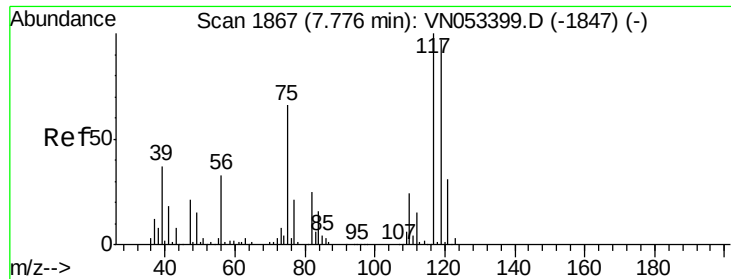
Tot Ion: 75 Resp: 53951
 Ion Ratio Lower Upper
 75 100
 110 7.3 18.1 54.3#
 77 0.0 25.1 37.7#



#37
 Ethyl Acetate
 Concen: 1.793 ug/l
 RT: 6.84 min Scan# 1576
 Delta R.T. -0.09 min
 Lab File: VN053546.D
 Acq: 28 Jan 2019 15:28

Tgt Ion: 43 Resp: 13645
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.8 17.6#
 70 0.0 8.6 12.8#

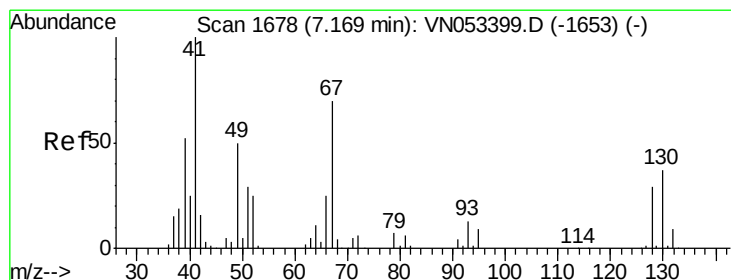
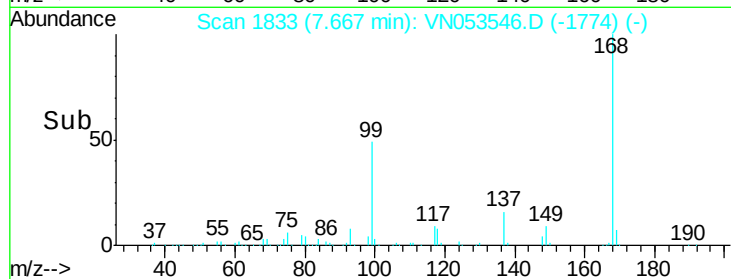
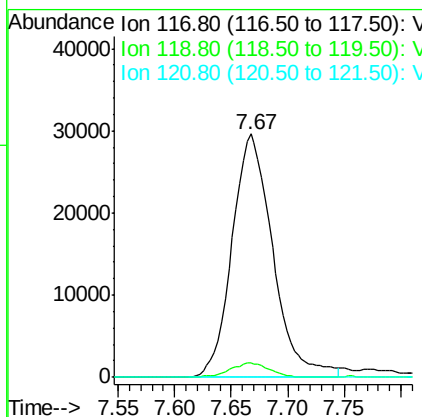
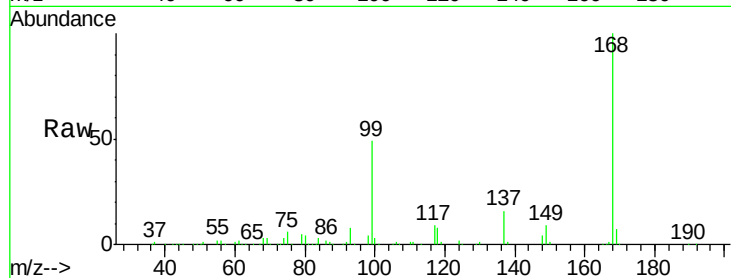




#38
 Carbon Tetrachloride
 Concen: 5.954 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN053546.D
 Acq: 28 Jan 2019 15:28

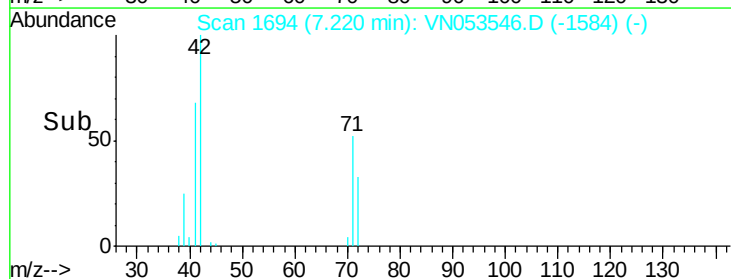
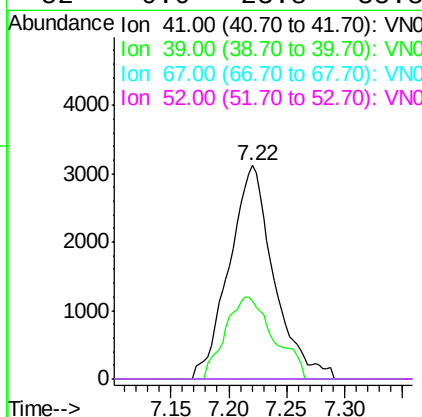
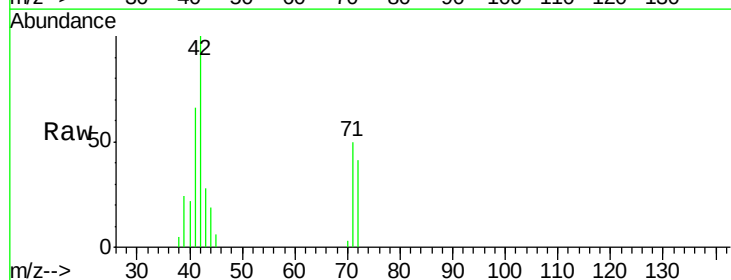
Instrument :
 MSVOA_N
 ClientSampleId :

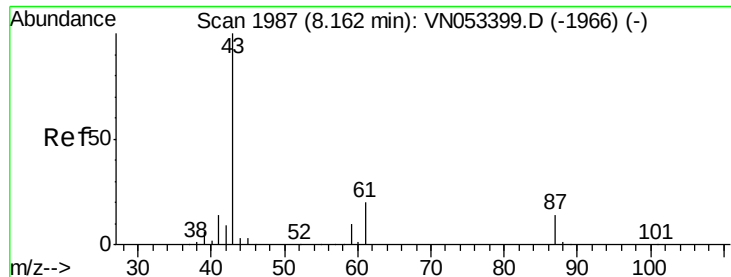
Tot Ion:117 Resp: 74563
 Ion Ratio Lower Upper
 117 100
 119 6.1 77.2 115.8#
 121 0.0 24.6 37.0#



#41
 Methacrylonitrile
 Concen: 2.490 ug/l
 RT: 7.22 min Scan# 1694
 Delta R.T. 0.05 min
 Lab File: VN053546.D
 Acq: 28 Jan 2019 15:28

Tgt Ion: 41 Resp: 8354
 Ion Ratio Lower Upper
 41 100
 39 41.5 46.8 70.2#
 67 0.0 63.0 94.6#
 52 0.0 23.8 35.8#





#43

Isopropyl Acetate

Concen: 3.155 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053546.D

Acq: 28 Jan 2019 15:28

Instrument :

MSVOA_N

ClientSampleId :

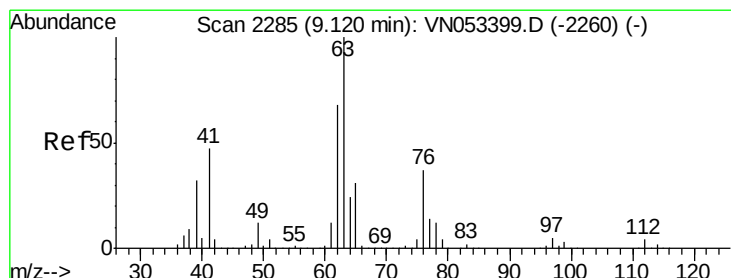
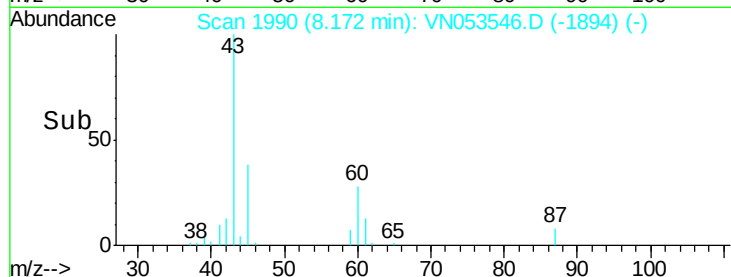
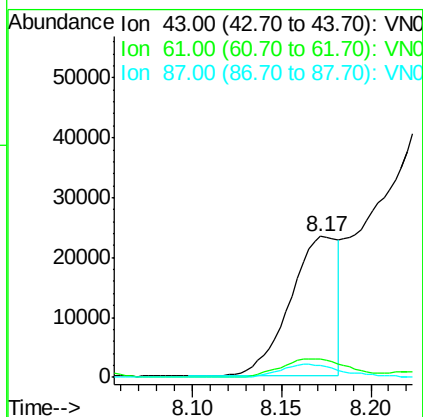
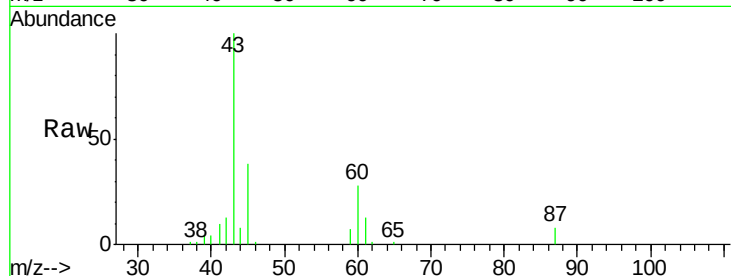
Tot Ion: 43 Resp: 43179

Ion Ratio Lower Upper

43 100

61 18.7 23.9 35.9#

87 12.1 11.0 16.6



#45

1,2-Dichloropropane

Concen: 0.253 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN053546.D

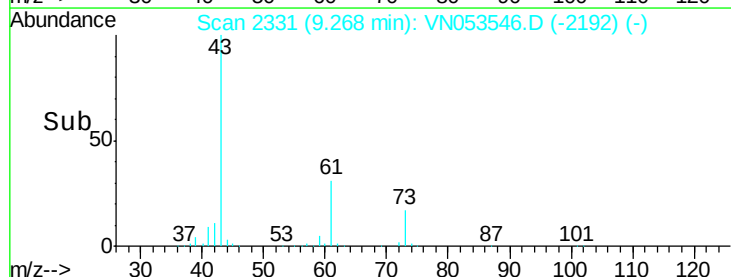
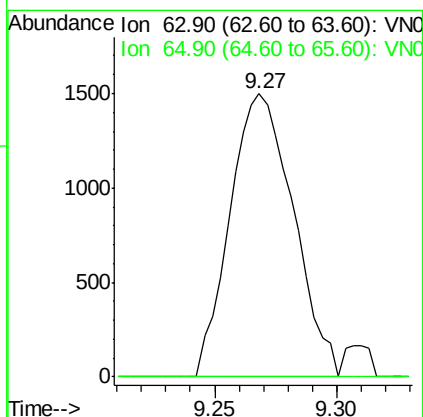
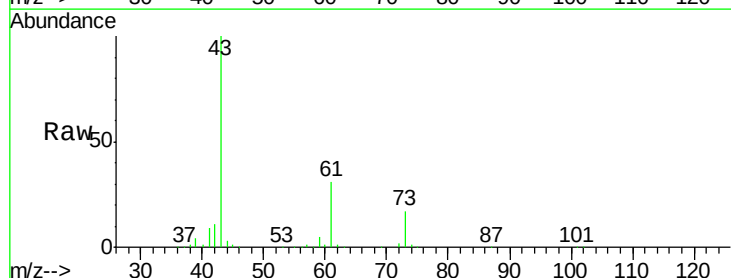
Acq: 28 Jan 2019 15:28

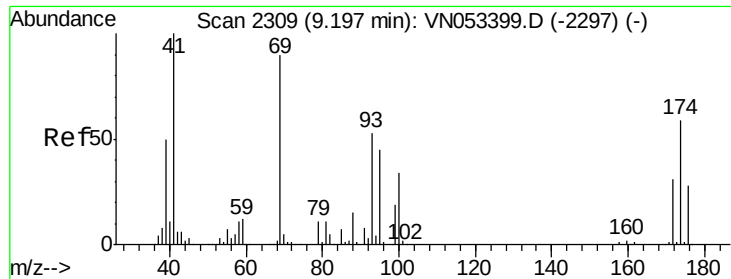
Tgt Ion: 63 Resp: 2695

Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.4#

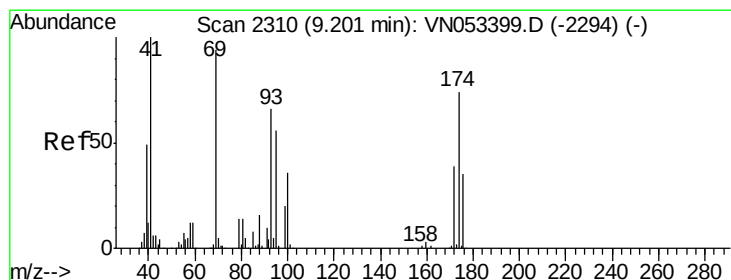
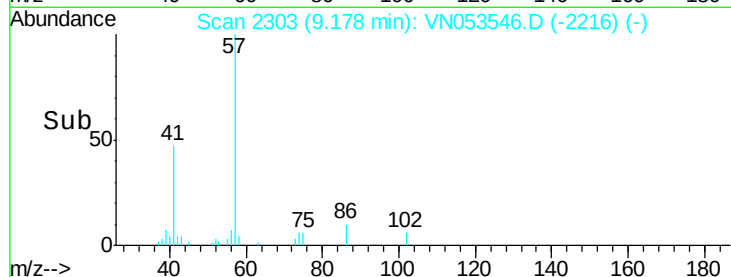
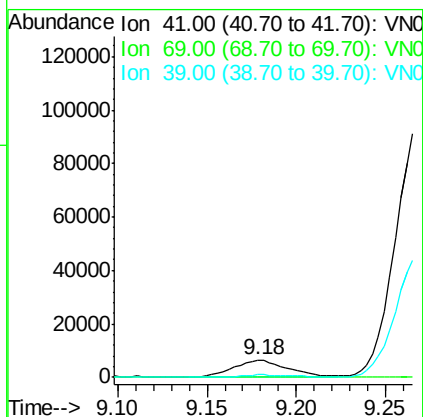
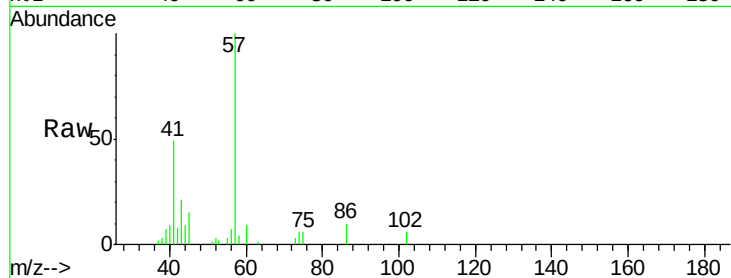




#48
Methvl methacrylate
Concen: 1.773 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN053546.D
Acq: 28 Jan 2019 15:28

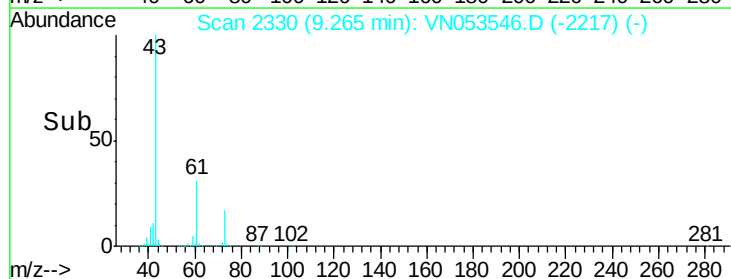
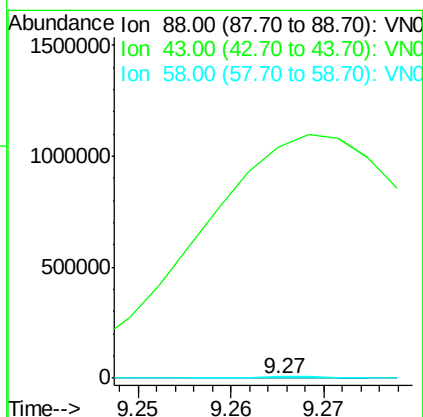
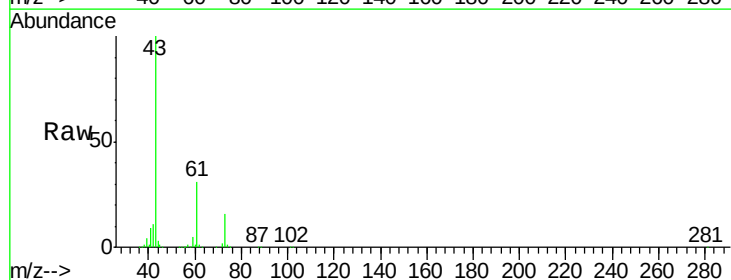
Instrument :
MSVOA_N
ClientSampleId :

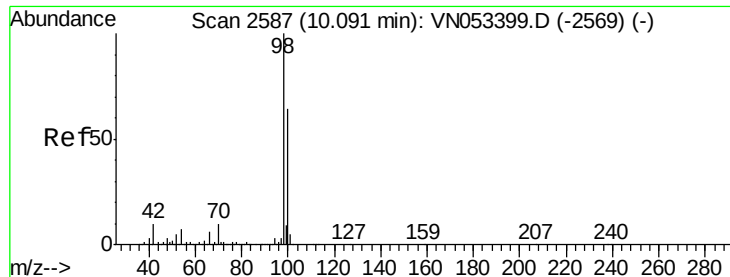
Tot Ion: 41 Resp: 12527
Ion Ratio Lower Upper
41 100
69 0.0 73.8 110.6#
39 0.0 40.0 60.0#



#49
1,4-Dioxane
Concen: 1.014 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.06 min
Lab File: VN053546.D
Acq: 28 Jan 2019 15:28

Tgt Ion: 88 Resp: 70
Ion Ratio Lower Upper
88 100
43 3164367.1 27.8 41.6#
58 14015.7 56.5 84.7#





#50

Toluene-d8

Concen: 1.014 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053546.D

Acq: 28 Jan 2019 15:28

Instrument :

MSVOA_N

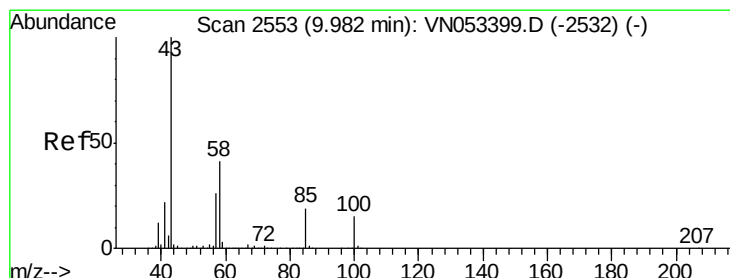
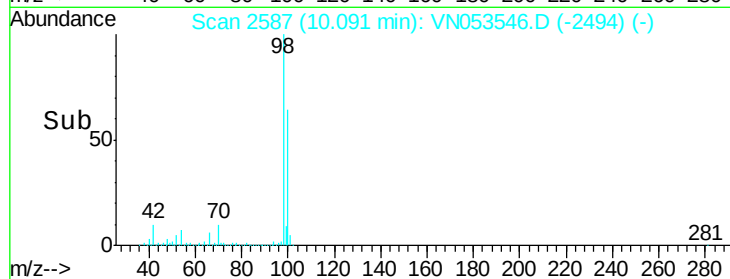
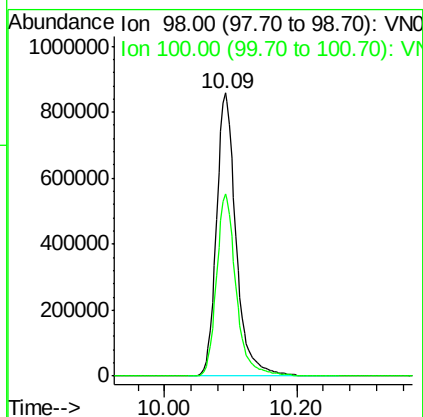
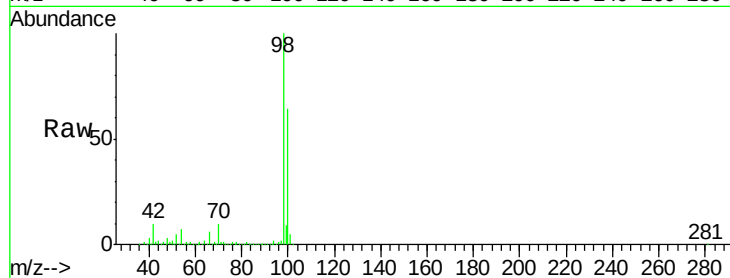
ClientSampleId :

Tot Ion: 98 Resp: 1761411

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 1.674 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN053546.D

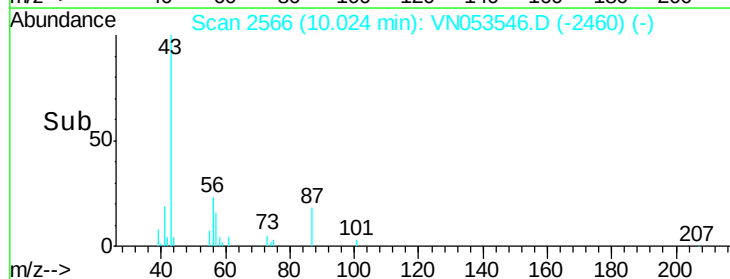
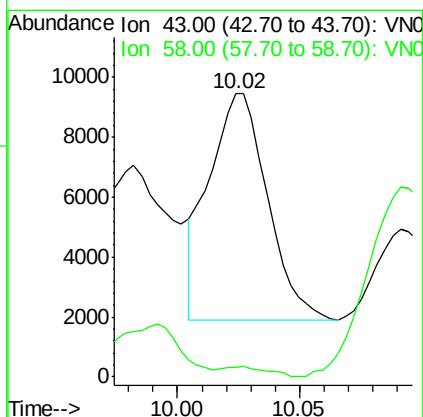
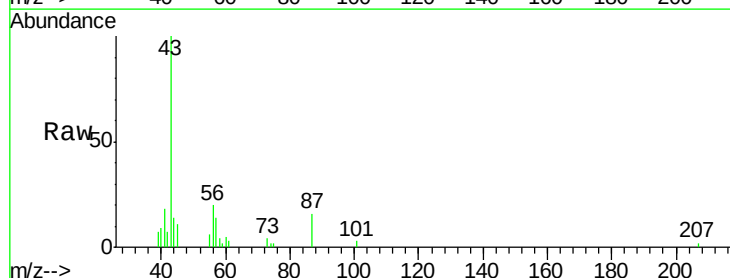
Acq: 28 Jan 2019 15:28

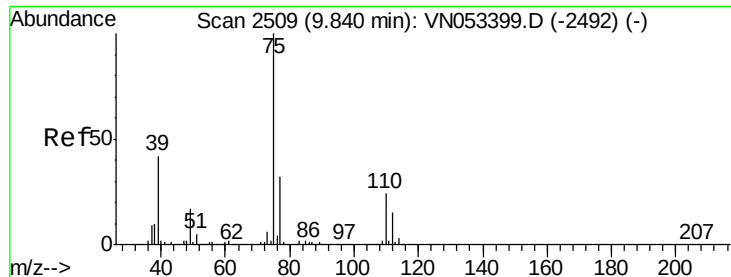
Tgt Ion: 43 Resp: 12505

Ion Ratio Lower Upper

43 100

58 0.0 32.8 49.2#





#54

cis-1,3-Dichloropropene

Concen: 6.646 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN053546.D

Acq: 28 Jan 2019 15:28

Instrument :
MSVOA_N
ClientSampleId :

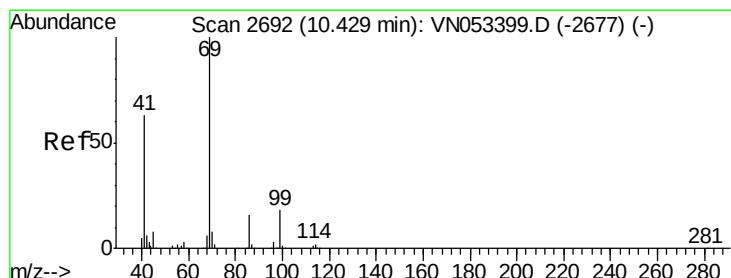
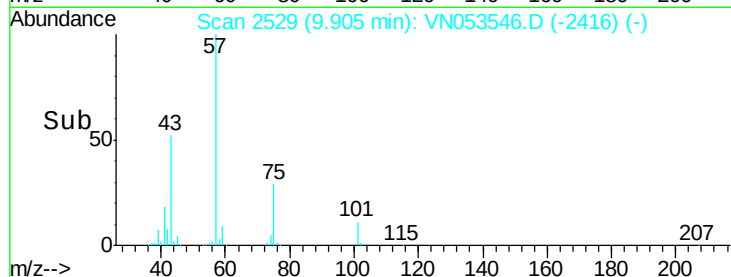
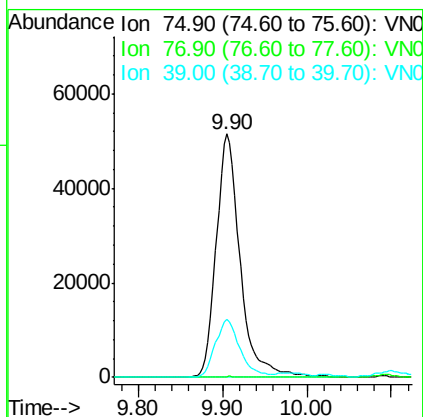
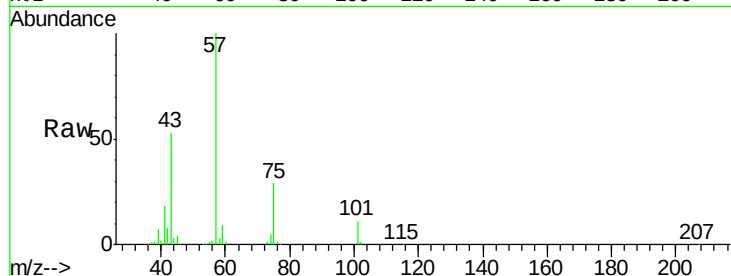
Tot Ion: 75 Resp: 101581

Ion Ratio Lower Upper

75 100

77 0.4 25.8 38.6#

39 23.9 33.4 50.0#



#56

Ethyl methacrylate

Concen: 2.070 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.06 min

Lab File: VN053546.D

Acq: 28 Jan 2019 15:28

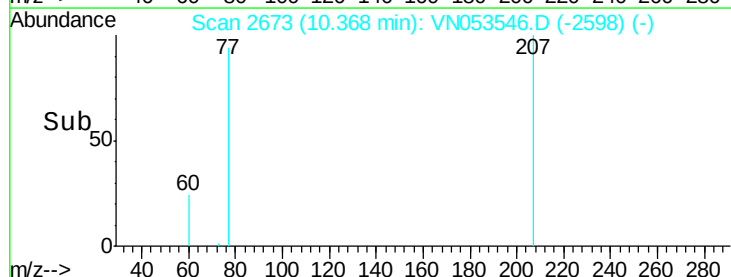
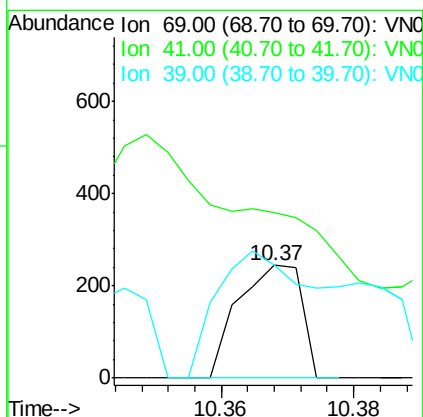
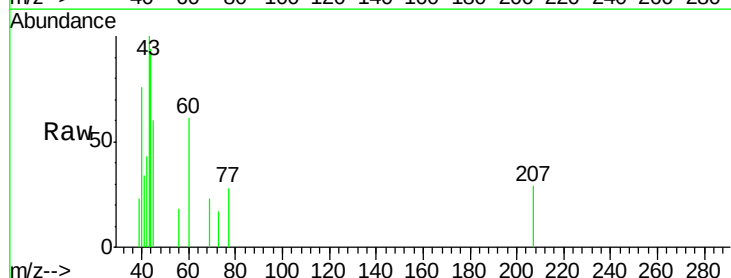
Tgt Ion: 69 Resp: 162

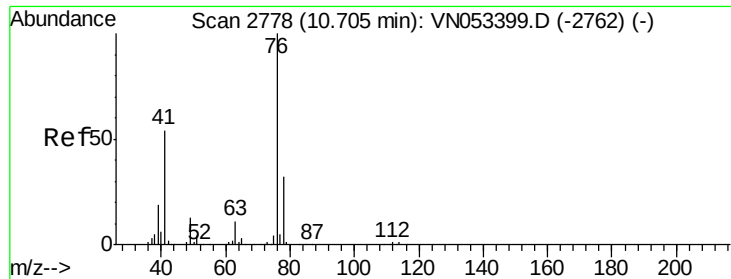
Ion Ratio Lower Upper

69 100

41 0.0 49.4 74.0#

39 0.0 23.3 34.9#

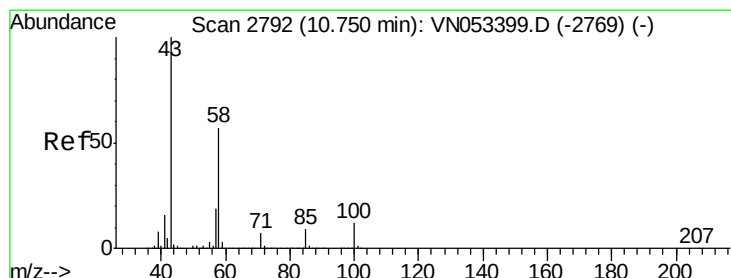
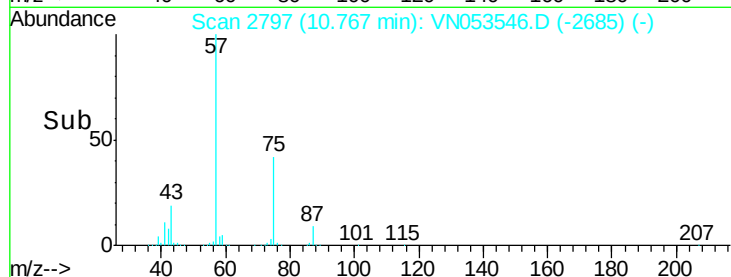
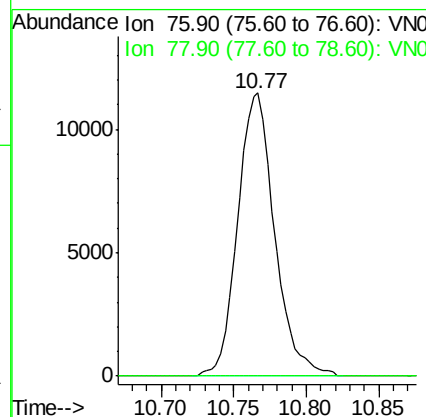
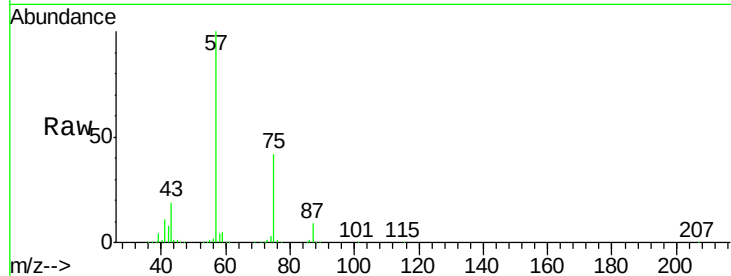




#57
 1,3-Dichloropropane
 Concen: 1.360 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN053546.D
 Acq: 28 Jan 2019 15:28

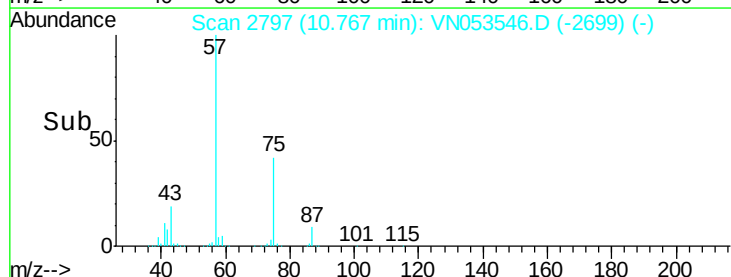
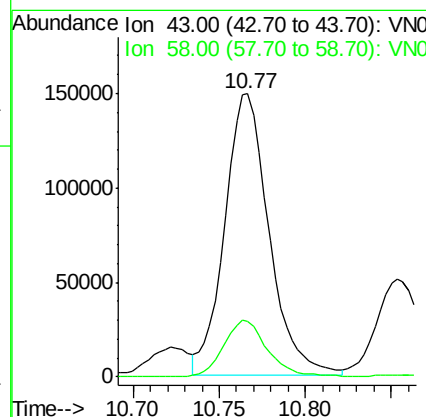
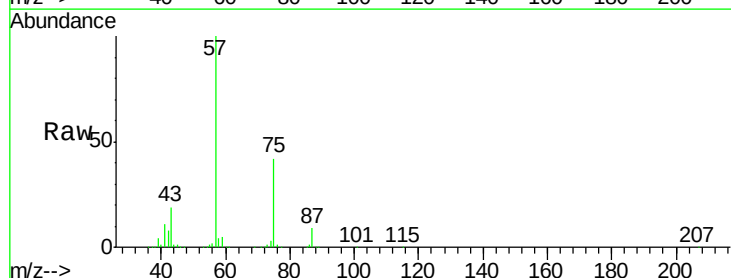
Instrument :
 MSVOA_N
 ClientSampleId :

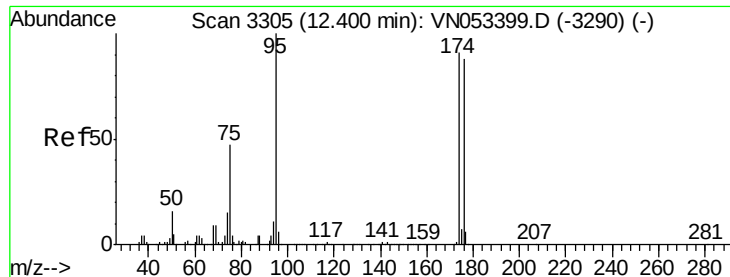
Tot Ion: 76 Resp: 20248
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 51.019 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.02 min
 Lab File: VN053546.D
 Acq: 28 Jan 2019 15:28

Tgt Ion: 43 Resp: 267535
 Ion Ratio Lower Upper
 43 100
 58 20.2 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: VN053546.D

Acq: 28 Jan 2019 15:28

Instrument :

MSVOA_N

ClientSampleId :

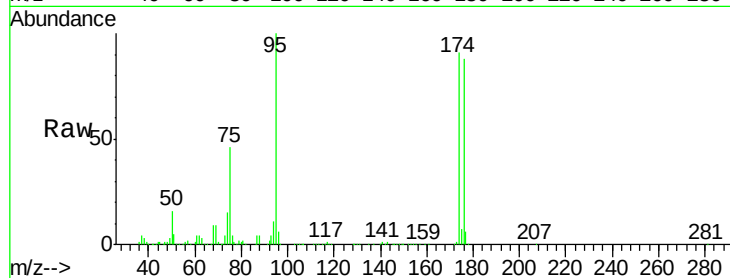
Tot Ion: 95 Resp: 590372

Ion Ratio Lower Upper

95 100

174 91.5 0.0 183.2

176 88.5 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) (-)

12.40

400000

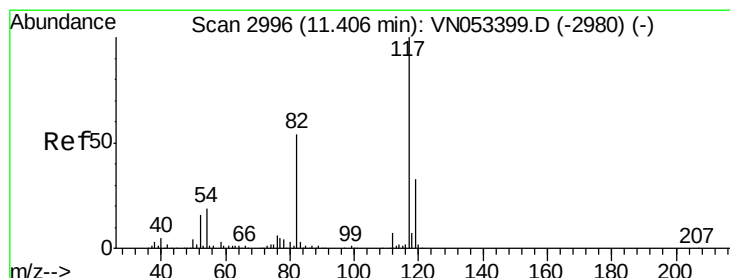
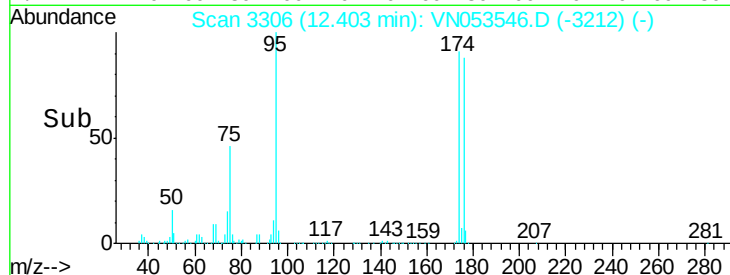
300000

200000

100000

0

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: VN053546.D

Acq: 28 Jan 2019 15:28

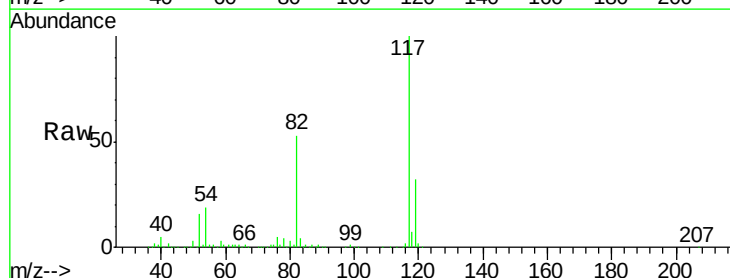
Tgt Ion: 117 Resp: 1314888

Ion Ratio Lower Upper

117 100

82 53.1 42.9 64.3

119 32.3 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) (-)

11.41

800000

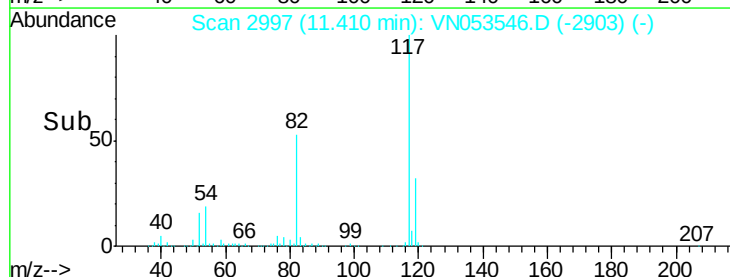
600000

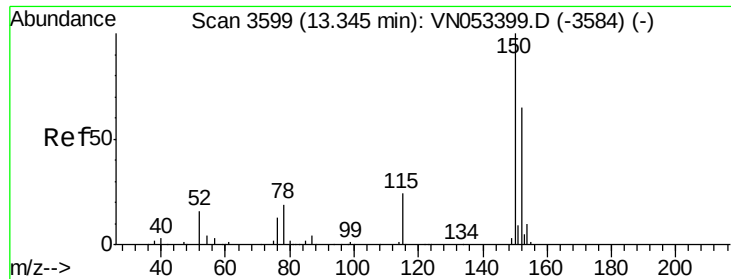
400000

200000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053546.D

Acq: 28 Jan 2019 15:28

Instrument :

MSVOA_N

ClientSampleId :

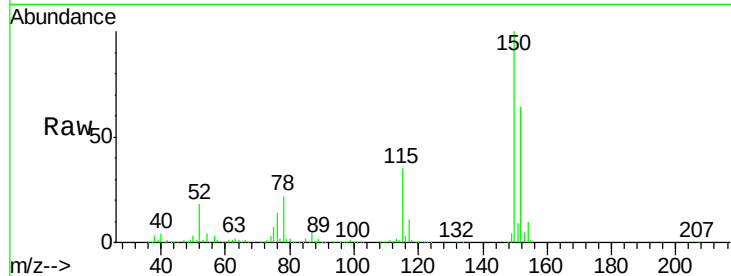
Tot Ion:152 Resp: 574239

Ion Ratio Lower Upper

152 100

115 54.9 27.8 83.4

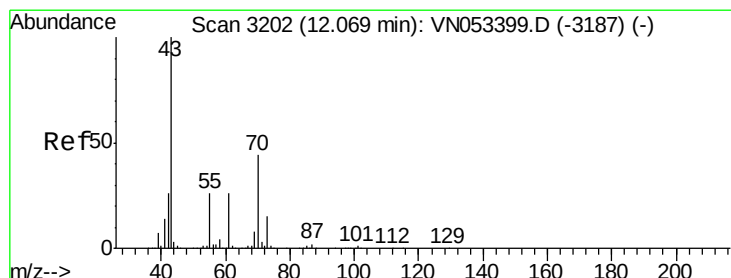
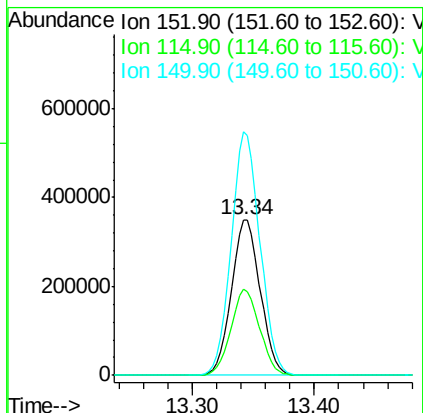
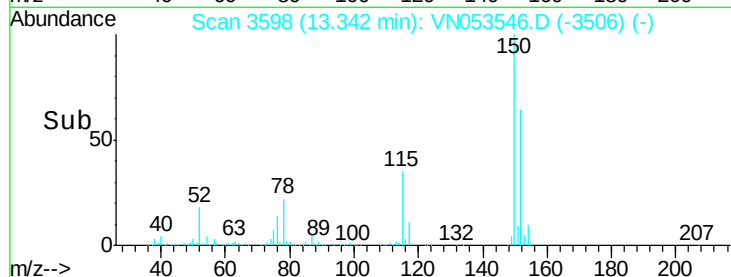
150 156.0 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 2.806 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053546.D

Acq: 28 Jan 2019 15:28

Tgt Ion: 43 Resp: 31453

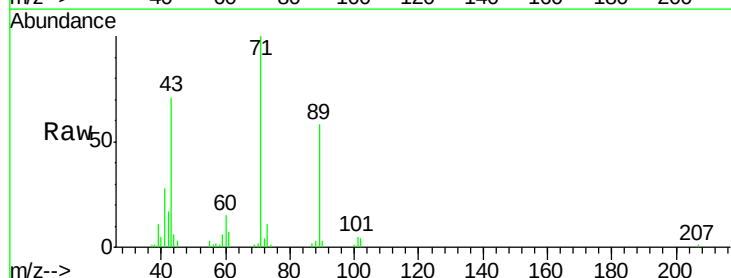
Ion Ratio Lower Upper

43 100

70 1.7 35.4 53.2#

55 4.6 20.9 31.3#

61 9.5 20.5 30.7#

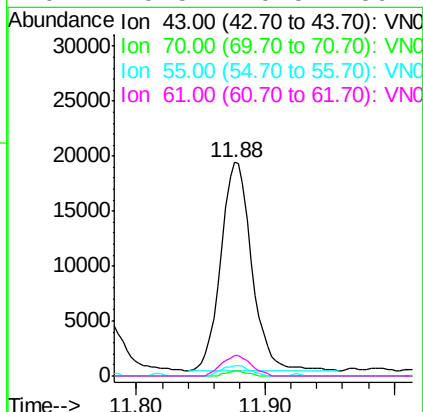
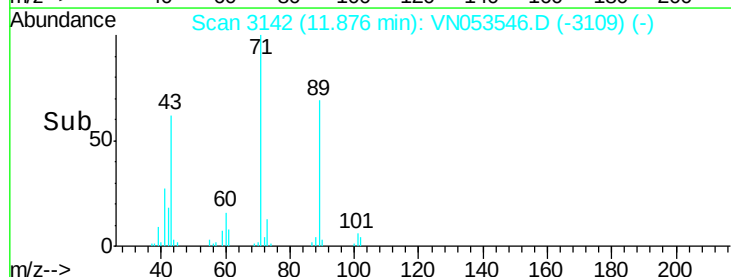


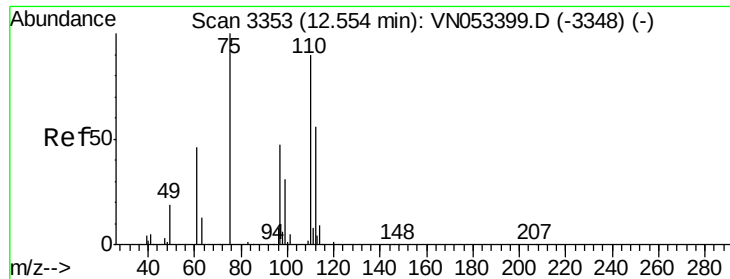
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 35.967 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN053546.D

Acq: 28 Jan 2019 15:28

Instrument :

MSVOA_N

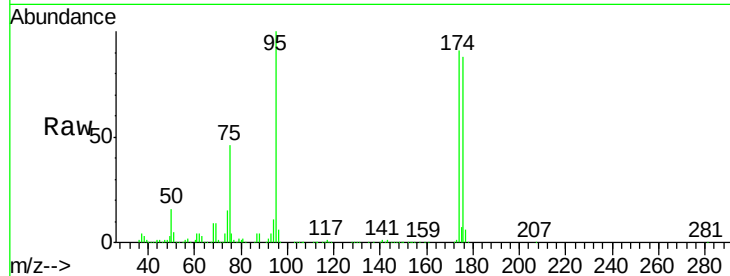
ClientSampleId :

Tot Ion: 75 Resp: 272179

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

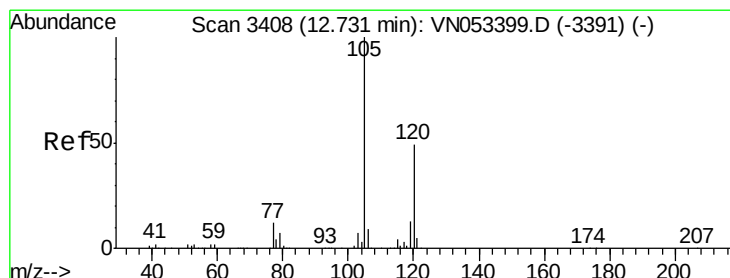
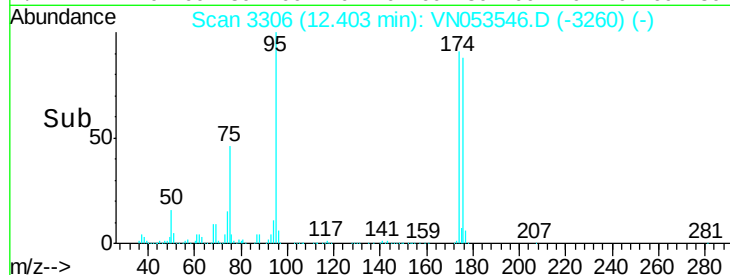
150000

100000

50000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.328 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053546.D

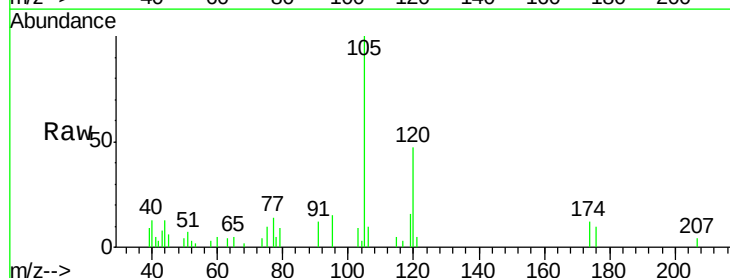
Acq: 28 Jan 2019 15:28

Tgt Ion:105 Resp: 11232

Ion Ratio Lower Upper

105 100

120 46.0 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.73

8000

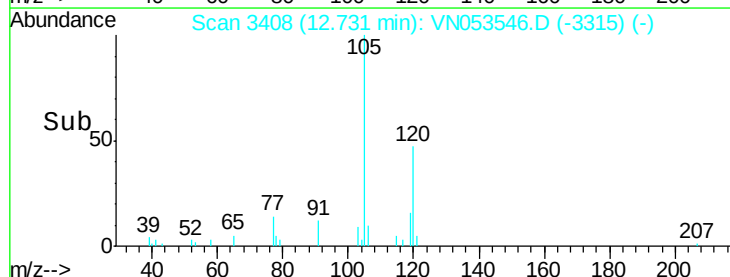
6000

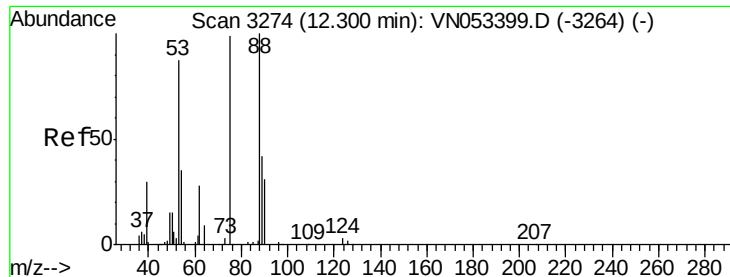
4000

2000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 88.946 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN053546.D

Acq: 28 Jan 2019 15:28

Instrument :

MSVOA_N

ClientSampleId :

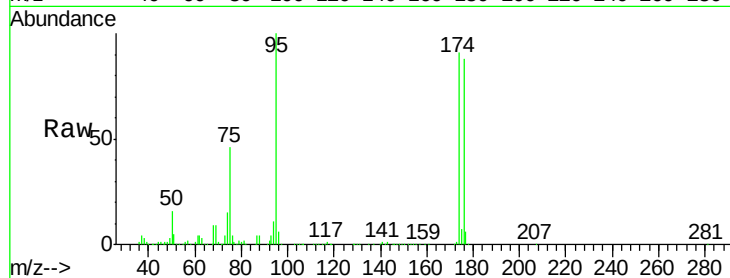
Tot Ion: 75 Resp: 272179

Ion Ratio Lower Upper

75 100

53 0.1 69.8 104.6#

89 0.0 35.6 53.4#



Abundance Ion 74.90 (74.60 to 75.60): VN053399.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN053399.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN053399.D (-3264) (-)

12.40

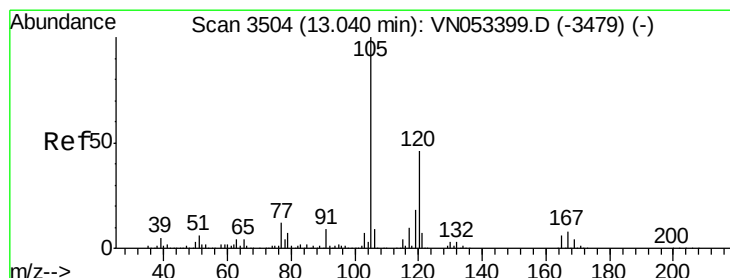
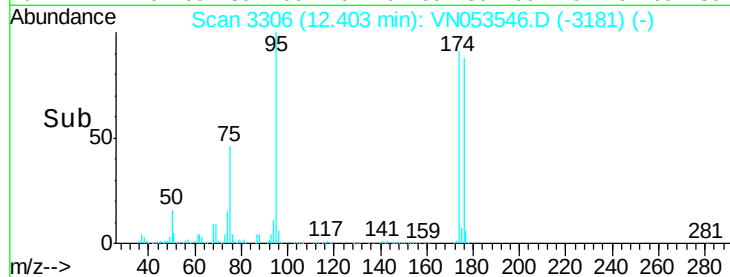
150000

100000

50000

0

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 0.346 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053546.D

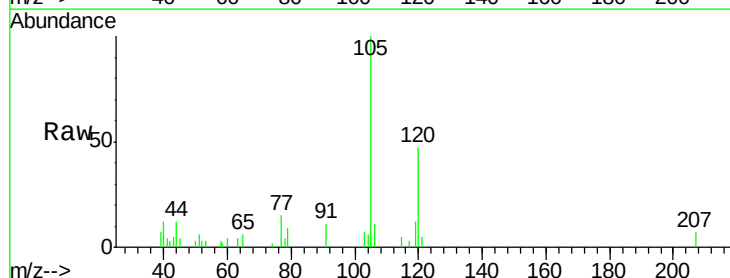
Acq: 28 Jan 2019 15:28

Tgt Ion: 105 Resp: 11948

Ion Ratio Lower Upper

105 100

120 44.8 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): VN053399.D (-3479) (-)

Ion 120.00 (119.70 to 120.70): VN053399.D (-3479) (-)

13.04

8000

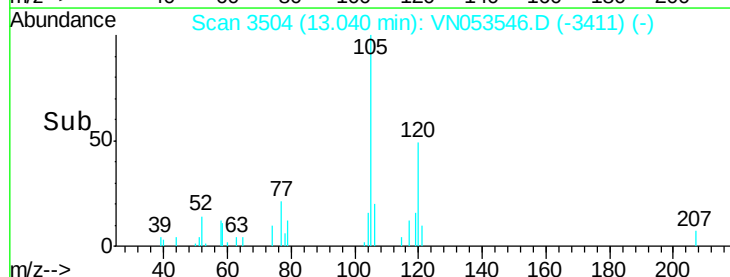
6000

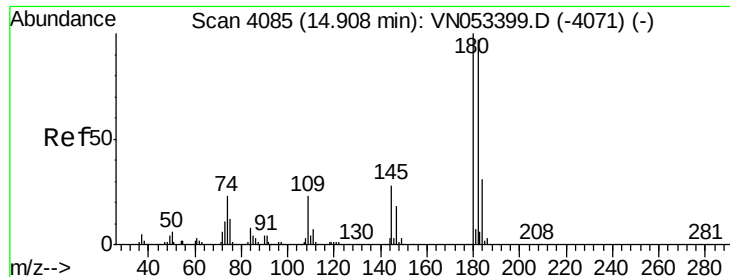
4000

2000

0

Time-->





#93

1,2,4-Trichlorobenzene

Concen: 2.873 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN053546.D

Acq: 28 Jan 2019 15:28

Instrument :

MSVOA_N

ClientSampleId :

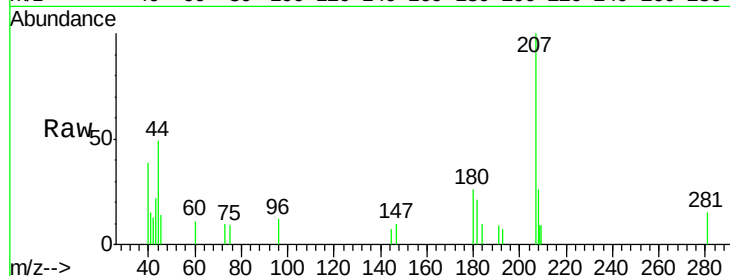
Tot Ion:180 Resp: 898

Ion Ratio Lower Upper

180 100

182 88.2 48.1 144.3

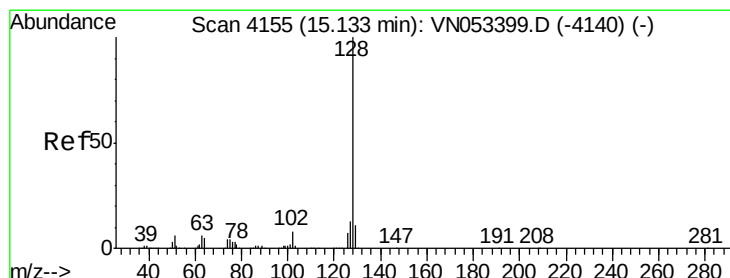
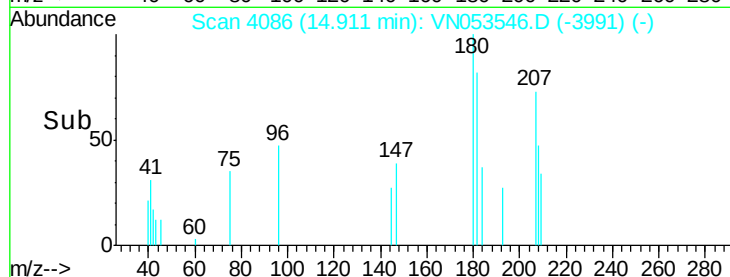
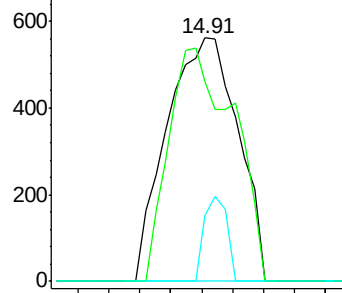
145 11.0 13.9 41.6#



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: 4.077 ug/l

RT: 15.14 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN053546.D

Acq: 28 Jan 2019 15:28

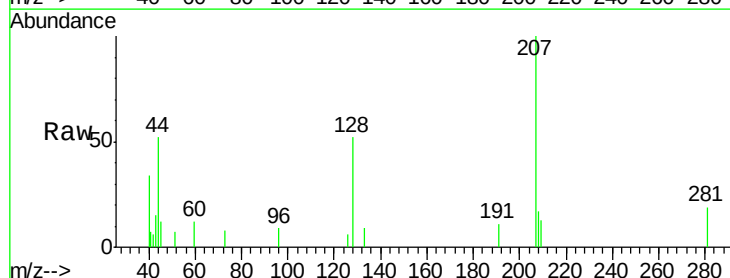
Tgt Ion:128 Resp: 2083

Ion Ratio Lower Upper

128 100

127 2.8 10.3 15.5#

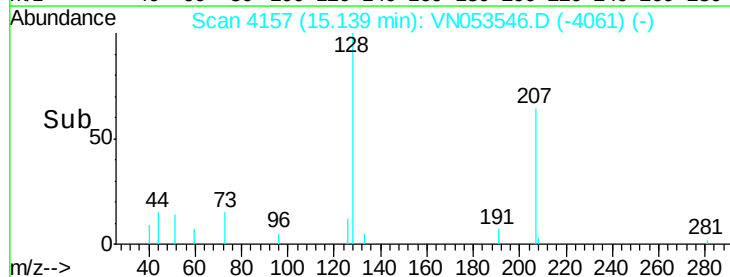
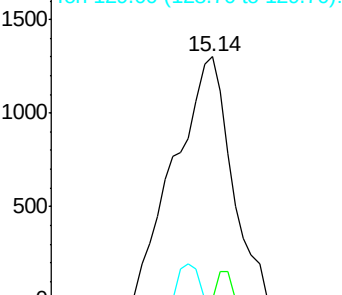
129 4.8 8.6 13.0#

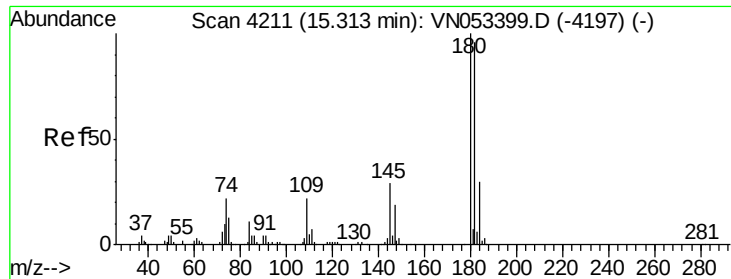


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

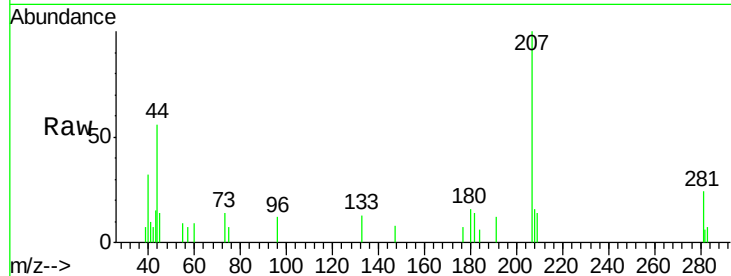




#96
 1,2,3-Trichlorobenzene
 Concen: 3.995 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN053546.D
 Acq: 28 Jan 2019 15:28

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	72.6	47.9	143.8
145	11.2	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

