

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011519\
 Data File : VN053406.D
 Acq On : 15 Jan 2019 14:27
 Operator : JC/SP
 Sample : K1139-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 S-5

Quant Time: Jan 16 03:39:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 15 11:52:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1075749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1664740	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1564507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	628484	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	534359	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
35) Dibromofluoromethane	7.59	113	480854	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
50) Toluene-d8	10.09	98	2069094	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.40	95	699232	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.78	59	1159	2.228	ug/l #	73
13) Acrolein	3.61	56	613	23.287	ug/l #	54
14) Allyl chloride	4.56	41	11980	0.770	ug/l #	25
16) Acetone	3.82	43	22537	9.034	ug/l	90
17) Carbon Disulfide	4.06	76	14739	0.509	ug/l	100
18) Methyl Acetate	4.34	43	2106	0.251	ug/l #	62
20) Methylene Chloride	4.55	84	313416	27.518	ug/l	98
25) 2-Butanone	6.84	43	5729	1.490	ug/l	98
29) Tetrahydrofuran	7.22	42	1681	0.672	ug/l #	51
31) Cyclohexane	7.67	56	16769	0.677	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	69450	4.581	ug/l #	48
37) Ethyl Acetate	6.84	43	5729	0.651	ug/l #	87
38) Carbon Tetrachloride	7.67	117	92462	6.442	ug/l #	16
43) Isopropyl Acetate	8.17	43	37400	2.284	ug/l #	74
48) Methyl methacrylate	9.18	41	12086	1.492	ug/l #	21
51) 4-Methyl-2-Pentanone	9.99	43	5918	0.691	ug/l	93
54) cis-1,3-Dichloropropene	9.90	75	85872	4.902	ug/l #	62
56) Ethyl methacrylate	10.43	69	69	2.062	ug/l #	28
57) 1,3-Dichloropropane	10.76	76	10029	0.588	ug/l #	42
59) 2-Hexanone	10.76	43	130286	21.677	ug/l #	52
67) Ethyl Benzene	11.51	91	16516	0.293	ug/l	94
68) m/p-Xylenes	11.62	106	27673	1.299	ug/l	95
69) o-Xylene	11.95	106	14263	0.689	ug/l	96
71) Bromoform	12.40	173	4161	0.525	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	323295	40.856	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	19407	0.518	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	323295	96.316	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.04	105	78270	2.073	ug/l	98
89) n-Butylbenzene	13.62	91	7542	0.225	ug/l #	70
90) Hexachloroethane	13.89	117	1259	0.204	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.91	180	5950	3.415	ug/l #	88
94) Hexachlorobutadiene	15.01	225	1847	0.302	ug/l	94
95) Naphthalene	15.13	128	54255	7.228	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	6847	4.900	ug/l #	91

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Quant Title : SW846 8260
QLast Update : Tue Jan 15 11:52:35 2019
Response via : Initial Calibration

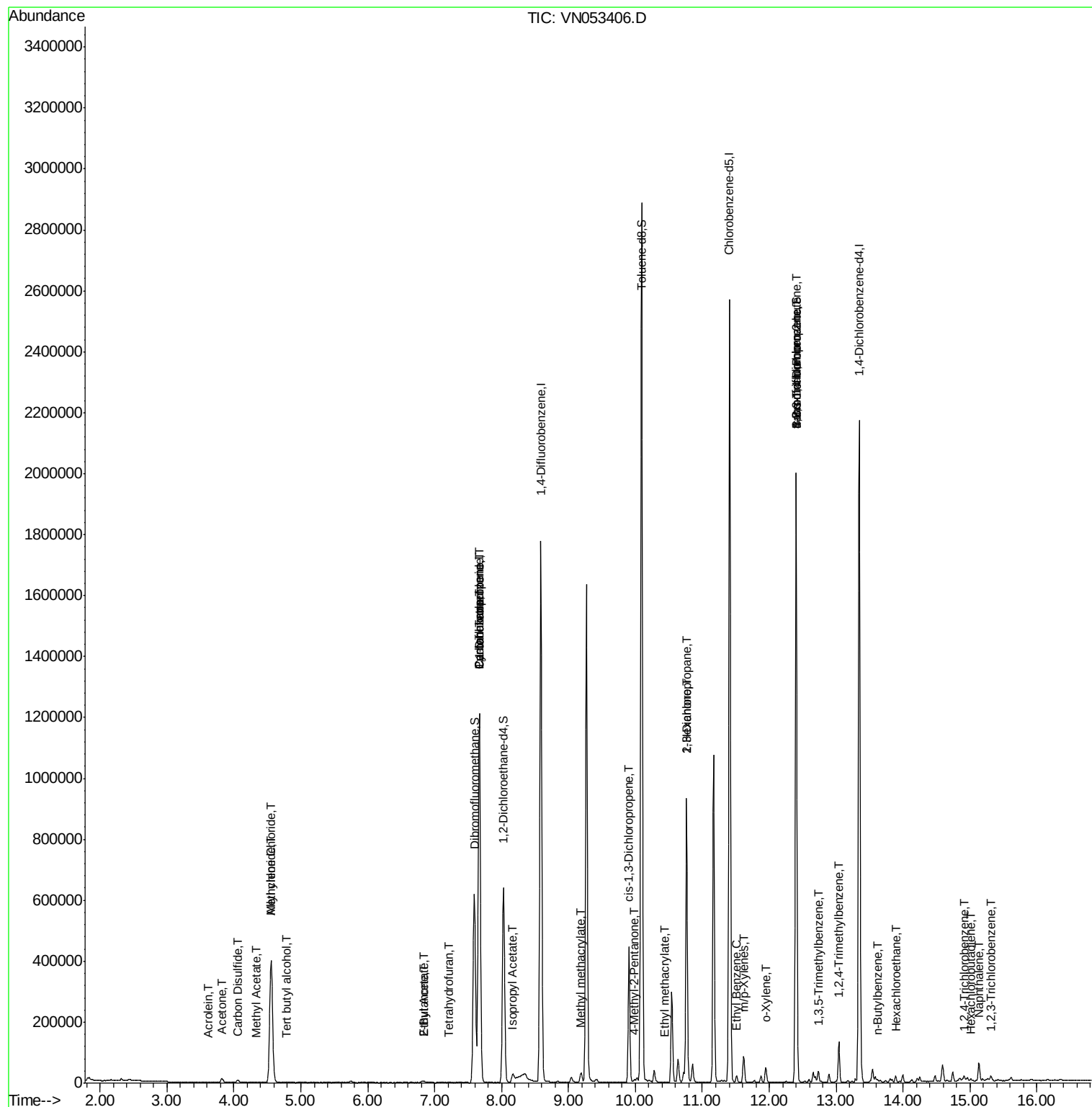
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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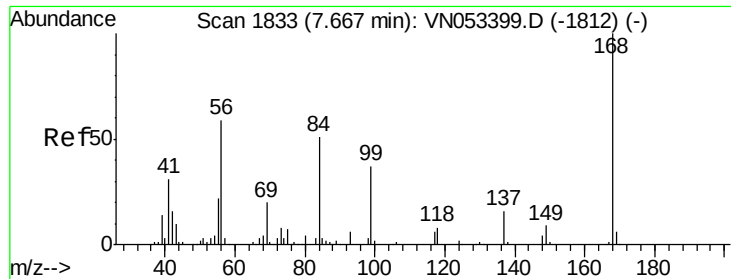
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053406.D

Acq: 15 Jan 2019 14:27

Instrument :

MSVOA_N

ClientSampled :

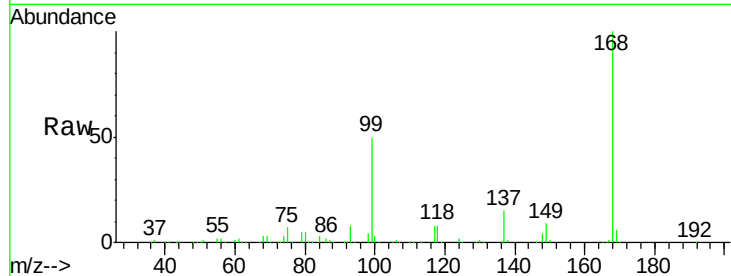
S-5

Tot Ion:168 Resp: 1075749

Ion Ratio Lower Upper

168 100

99 49.7 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

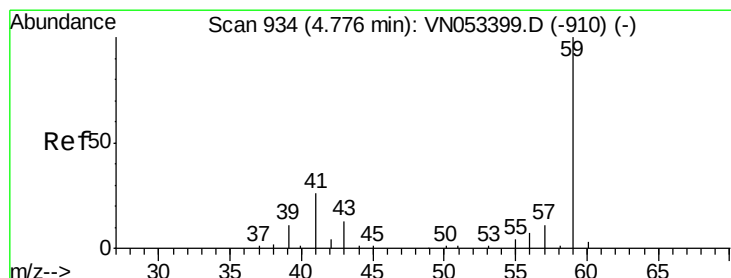
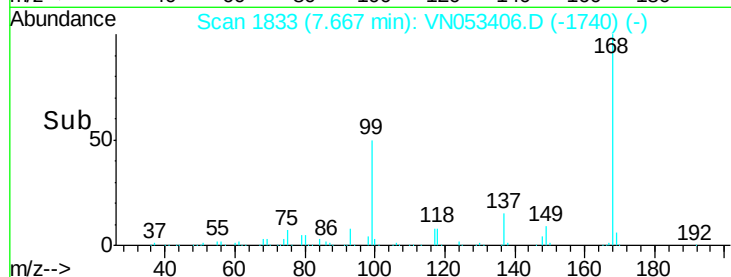
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.228 ug/l

RT: 4.78 min Scan# 934

Delta R.T. 0.00 min

Lab File: VN053406.D

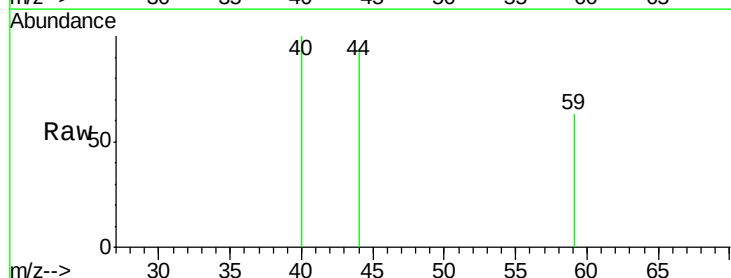
Acq: 15 Jan 2019 14:27

Tgt Ion: 59 Resp: 1159

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.78

600

500

400

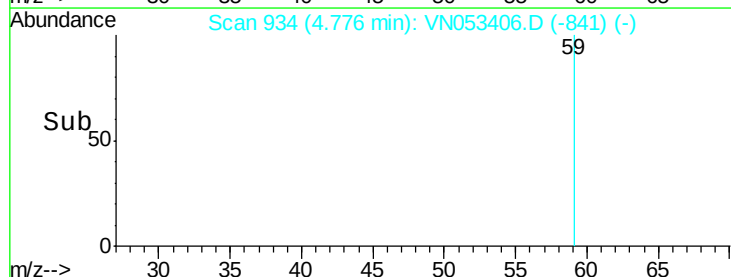
300

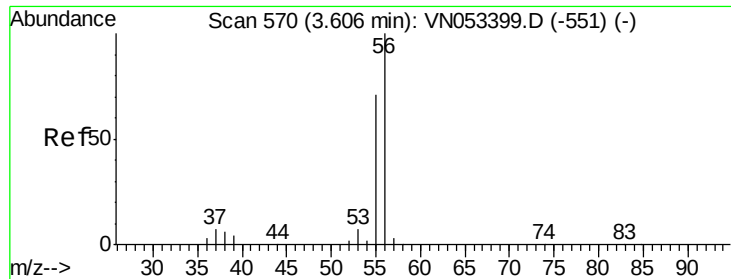
200

100

0

Time-->





#13

Acrolein

Concen: 23.287 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN053406.D

Acq: 15 Jan 2019 14:27

Instrument :

MSVOA_N

ClientSampled :

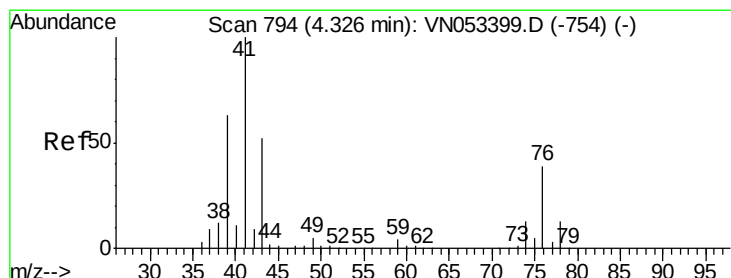
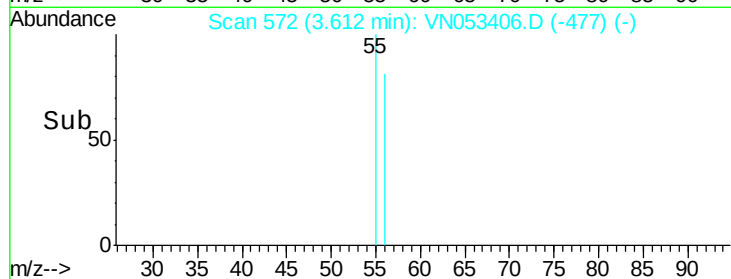
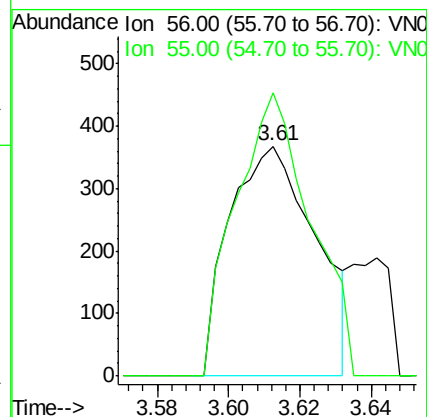
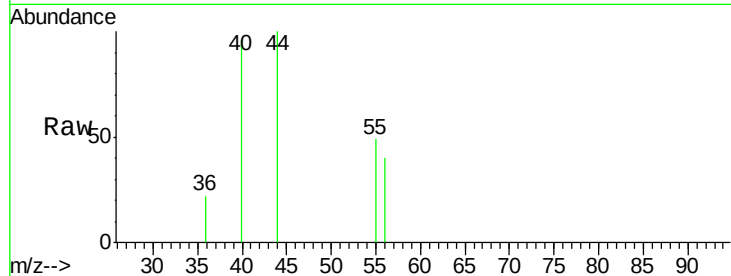
S-5

Tot Ion: 56 Resp: 613

Ion Ratio Lower Upper

56 100

55 108.0 56.3 84.5#



#14

Allyl chloride

Concen: 0.770 ug/l

RT: 4.56 min Scan# 868

Delta R.T. 0.24 min

Lab File: VN053406.D

Acq: 15 Jan 2019 14:27

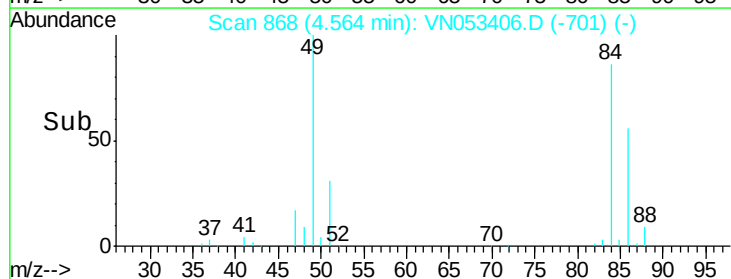
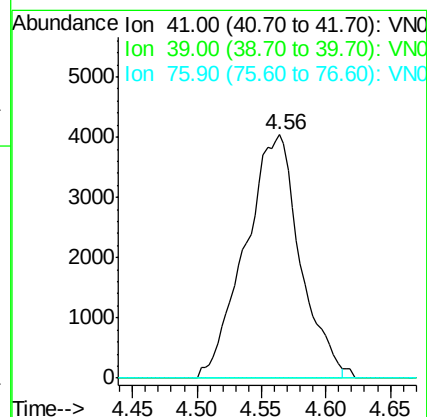
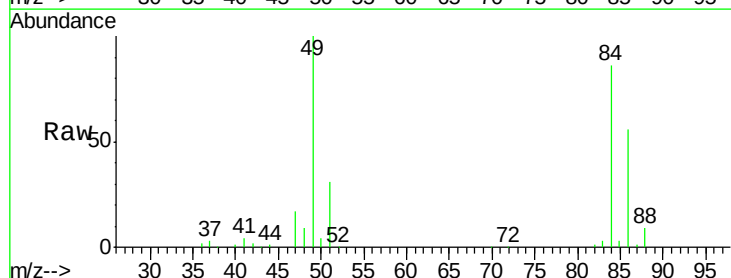
Tgt Ion: 41 Resp: 11980

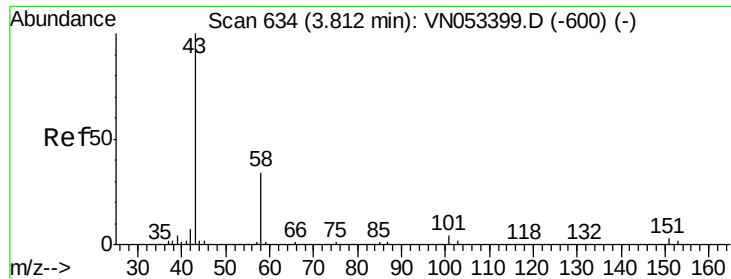
Ion Ratio Lower Upper

41 100

39 0.0 51.9 77.9#

76 0.0 31.2 46.8#





#16

Acetone

Concen: 9.034 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053406.D

Acq: 15 Jan 2019 14:27

Instrument :

MSVOA_N

ClientSampleId :

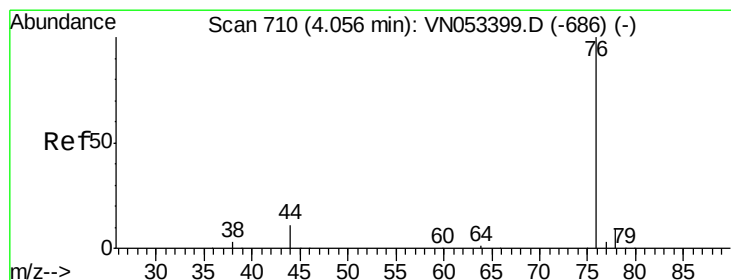
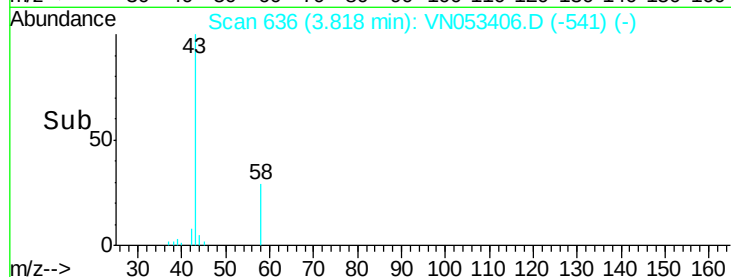
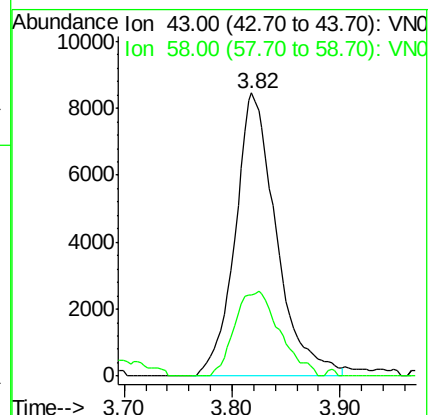
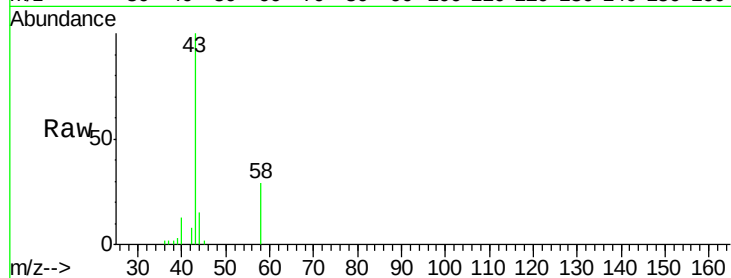
S-5

Tot Ion: 43 Resp: 22537

Ion Ratio Lower Upper

43 100

58 28.7 27.8 41.6



#17

Carbon Disulfide

Concen: 0.509 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN053406.D

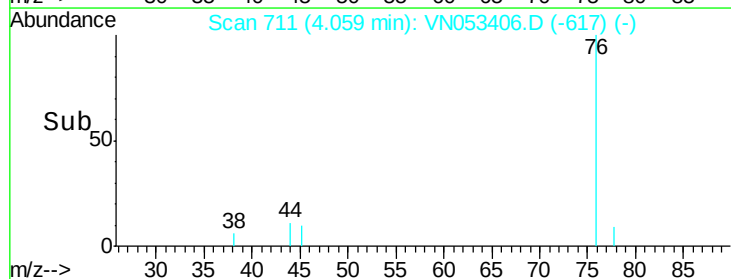
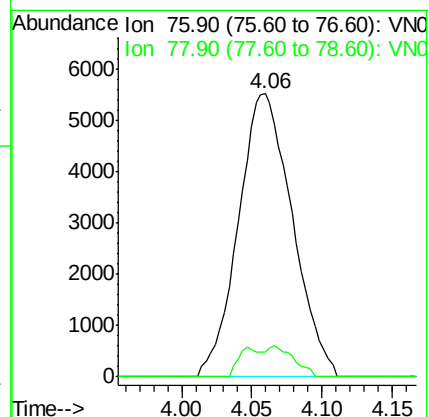
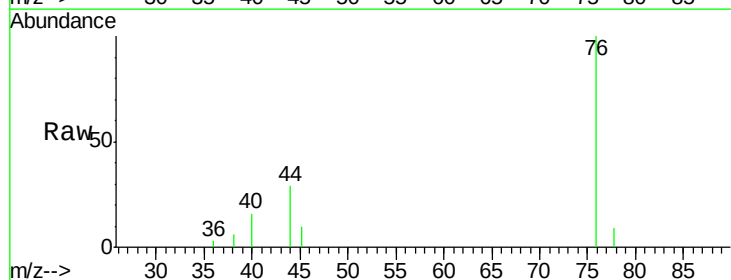
Acq: 15 Jan 2019 14:27

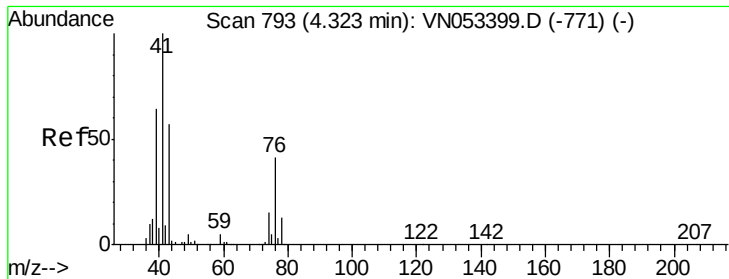
Tgt Ion: 76 Resp: 14739

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8

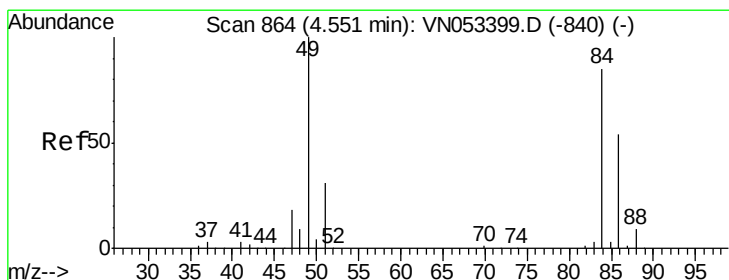
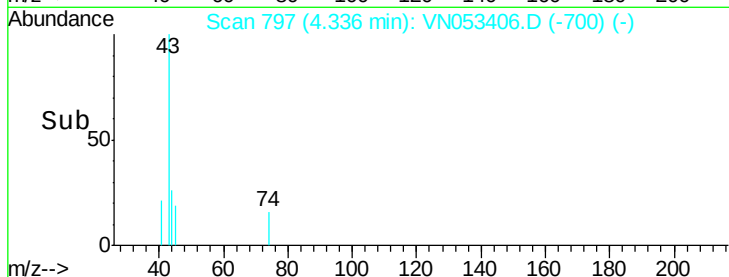
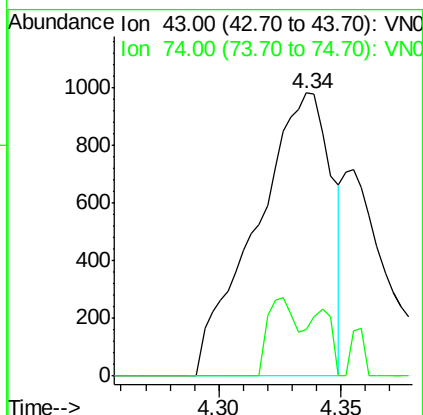
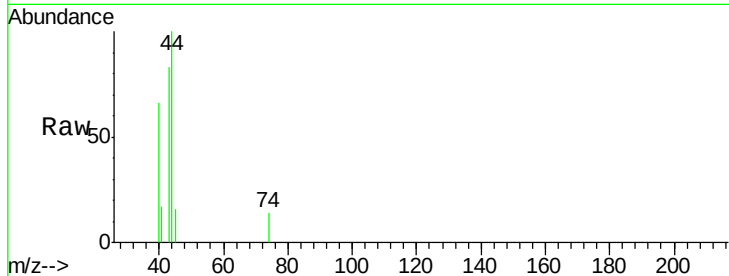




#18
Methyl Acetate
Concen: 0.251 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN053406.D
Acq: 15 Jan 2019 14:27

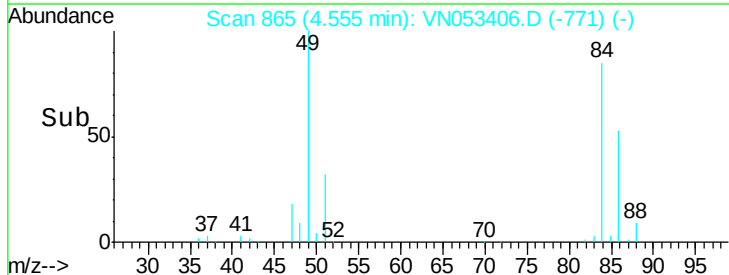
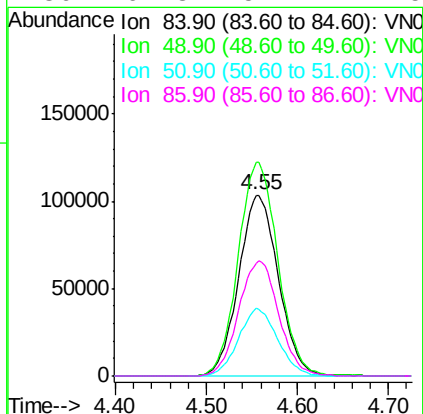
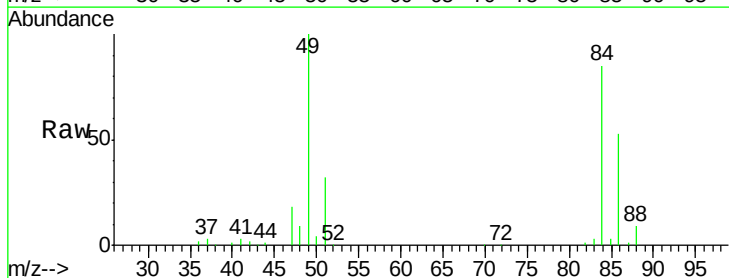
Instrument :
MSVOA_N
ClientSampled :
S-5

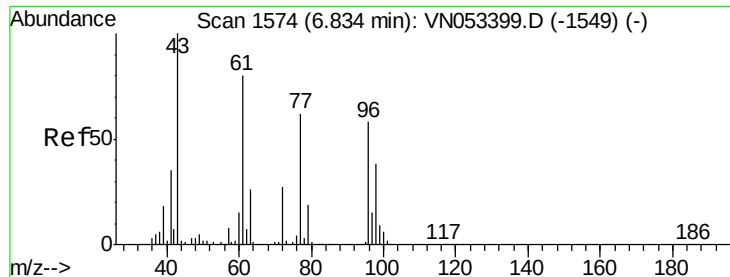
Tot Ion: 43 Resp: 2106
Ion Ratio Lower Upper
43 100
74 5.9 19.8 29.8#



#20
Methylene Chloride
Concen: 27.518 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053406.D
Acq: 15 Jan 2019 14:27

Tgt Ion: 84 Resp: 313416
Ion Ratio Lower Upper
84 100
49 118.1 95.3 142.9
51 37.3 29.0 43.6
86 62.3 51.7 77.5

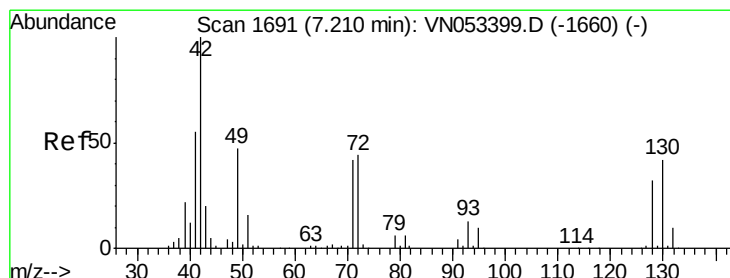
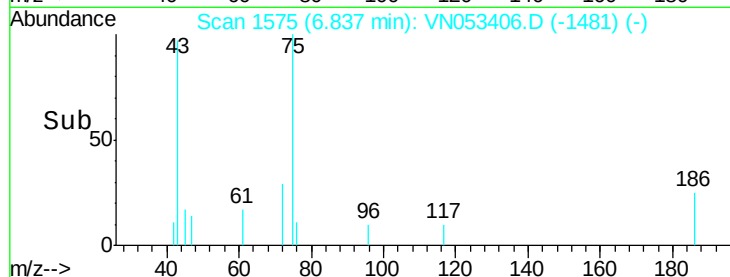
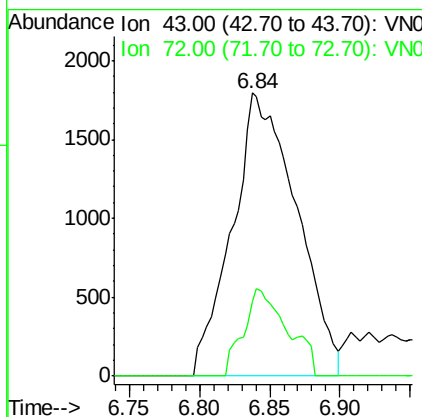
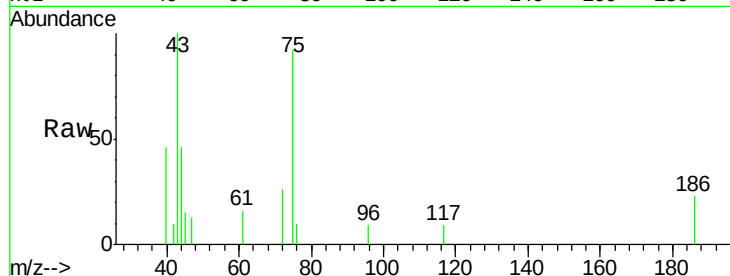




#25
2-Butanone
Concen: 1.490 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN053406.D
Acq: 15 Jan 2019 14:27

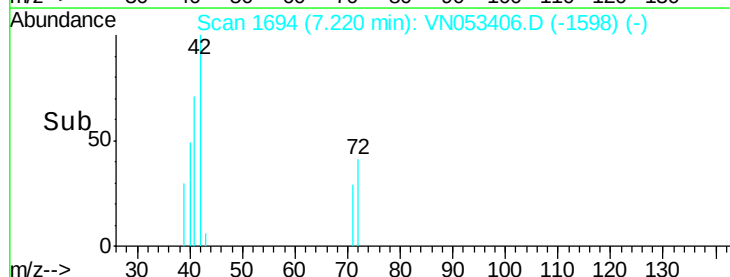
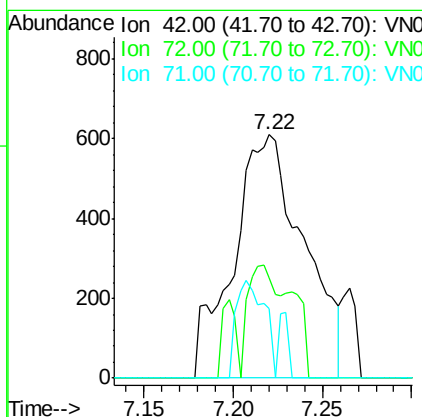
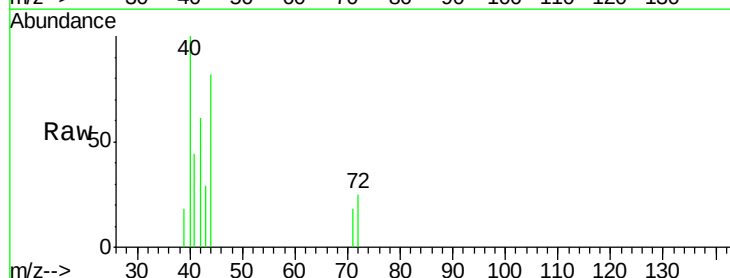
Instrument :
MSVOA_N
ClientSampled :
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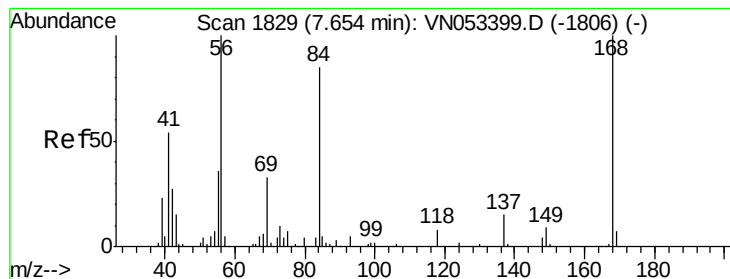
Tot Ion: 43 Resp: 5729
Ion Ratio Lower Upper
43 100
72 26.2 22.0 33.0



#29
Tetrahydrofuran
Concen: 0.672 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN053406.D
Acq: 15 Jan 2019 14:27

Tgt Ion: 42 Resp: 1681
Ion Ratio Lower Upper
42 100
72 19.3 35.6 53.4#
71 3.7 33.8 50.8#





#31

Cyclohexane

Concen: 0.677 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN053406.D

Acq: 15 Jan 2019 14:27

Instrument :

MSVOA_N

ClientSampled :

S-5

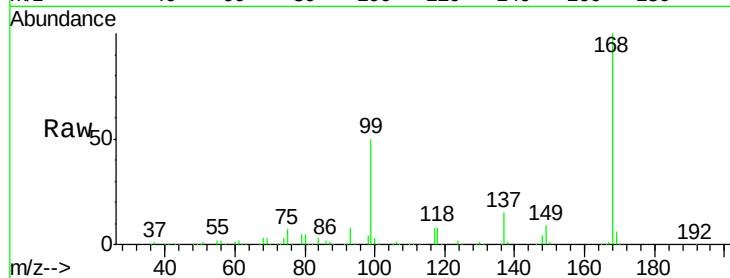
Tot Ion: 56 Resp: 16769

Ion Ratio Lower Upper

56 100

69 191.9 26.7 40.1#

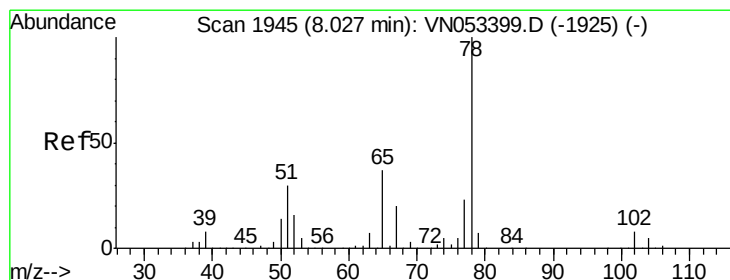
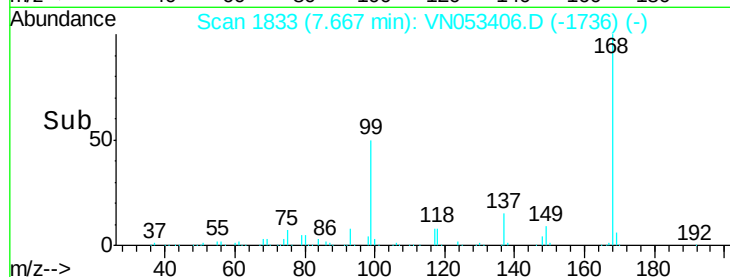
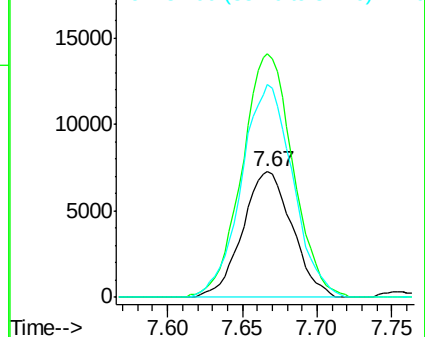
84 169.3 68.2 102.4#



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: N.D. ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN053406.D

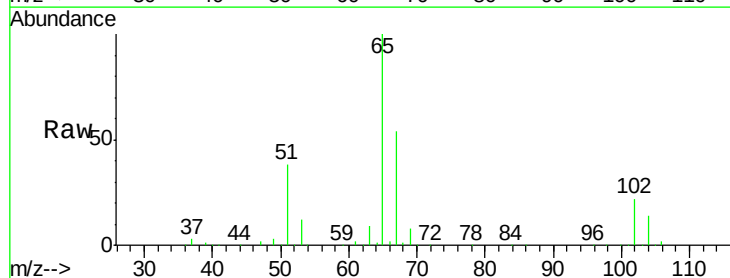
Acq: 15 Jan 2019 14:27

Tgt Ion: 65 Resp: 534359

Ion Ratio Lower Upper

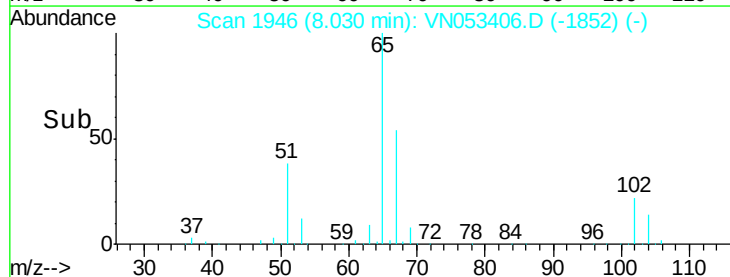
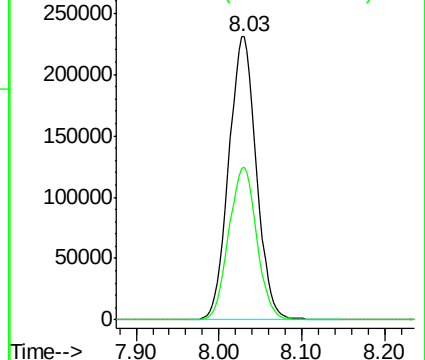
65 100

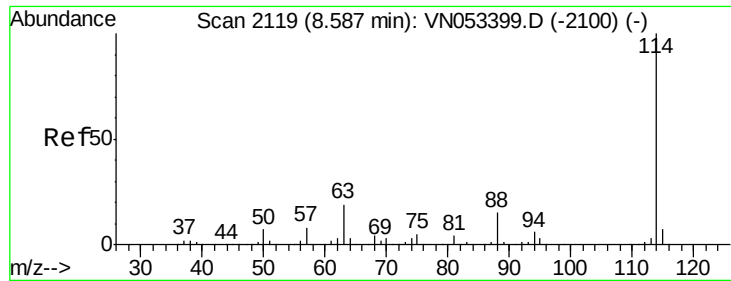
67 54.8 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

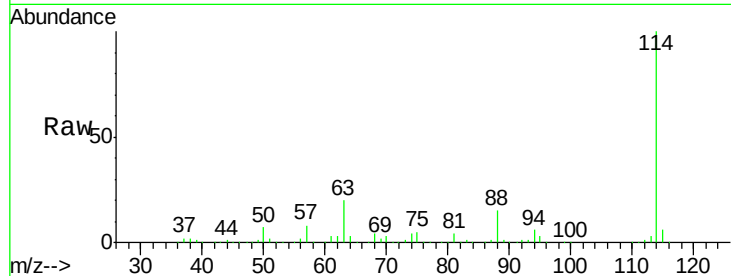




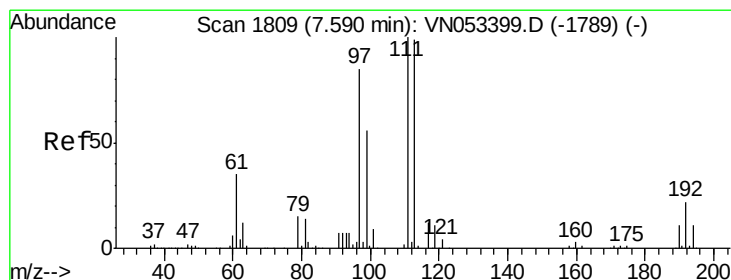
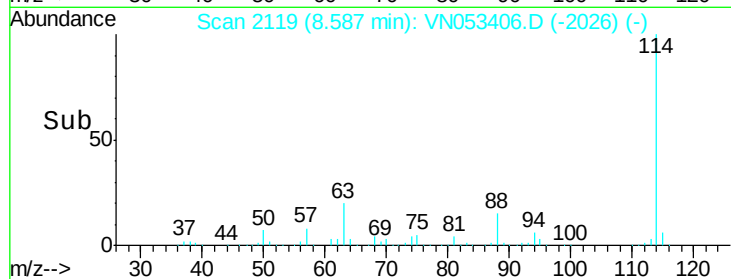
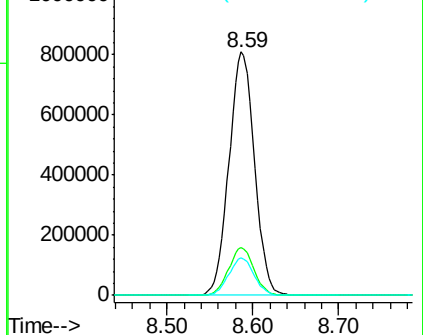
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053406.D
 Acq: 15 Jan 2019 14:27

Instrument :
 MSVOA_N
 ClientSampled :
 S-5

Tot Ion:114 Resp: 1664740
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.4 0.0 30.8

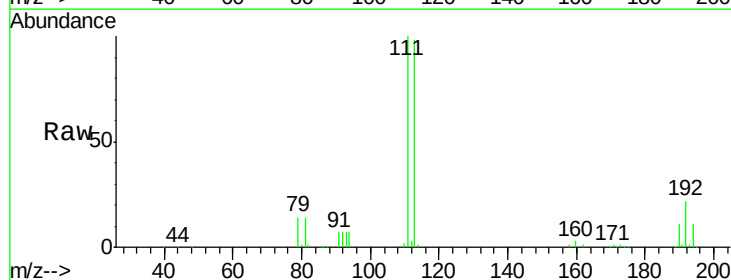


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

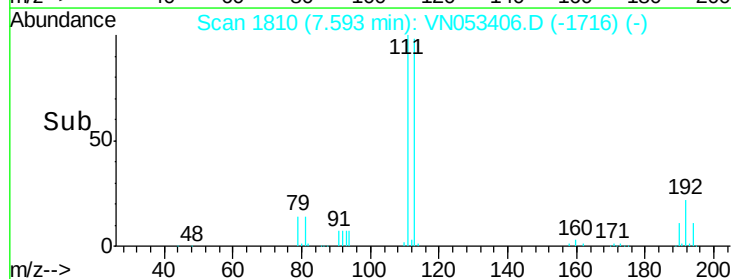
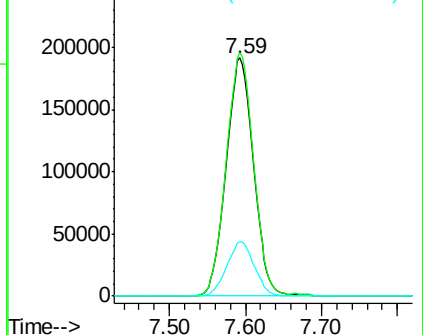


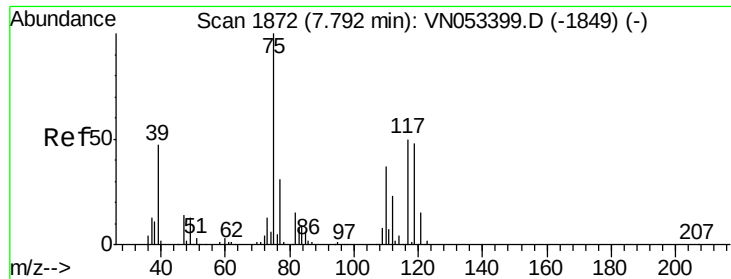
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053406.D
 Acq: 15 Jan 2019 14:27

Tgt Ion:113 Resp: 480854
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.4 122.2
 192 22.9 17.9 26.9



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: 4.581 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN053406.D

Acq: 15 Jan 2019 14:27

Instrument :

MSVOA_N

ClientSampled :

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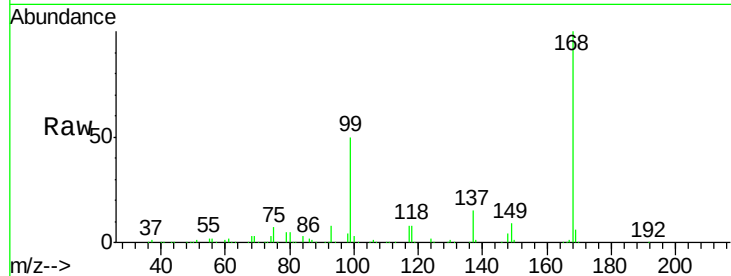
Tot Ion: 75 Resp: 69450

Ion Ratio Lower Upper

75 100

110 8.4 18.4 55.0#

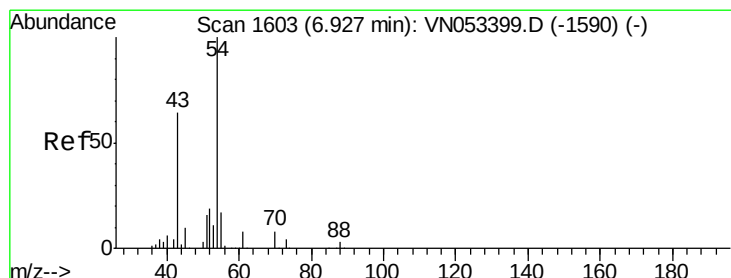
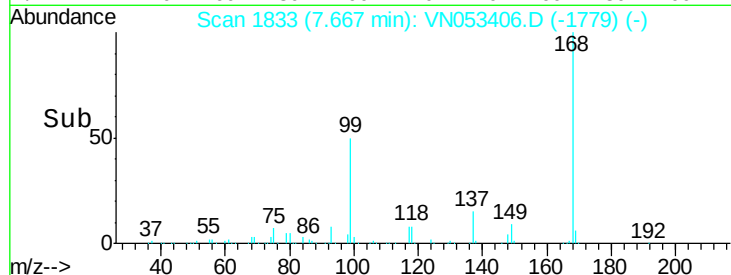
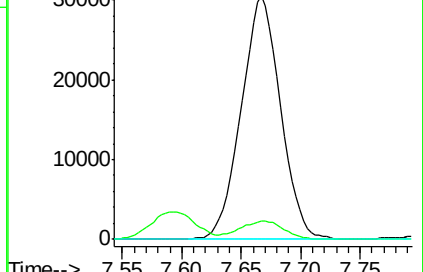
77 0.0 25.3 37.9#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#37

Ethyl Acetate

Concen: 0.651 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. -0.09 min

Lab File: VN053406.D

Acq: 15 Jan 2019 14:27

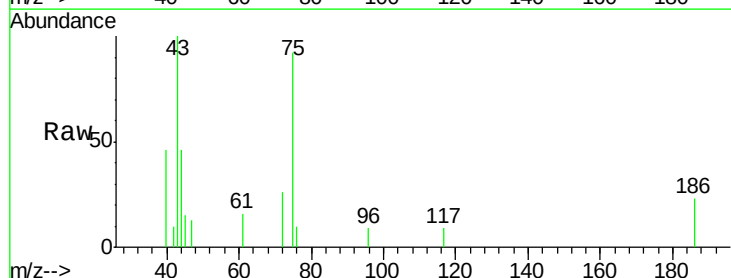
Tgt Ion: 43 Resp: 5729

Ion Ratio Lower Upper

43 100

61 15.3 11.9 17.9

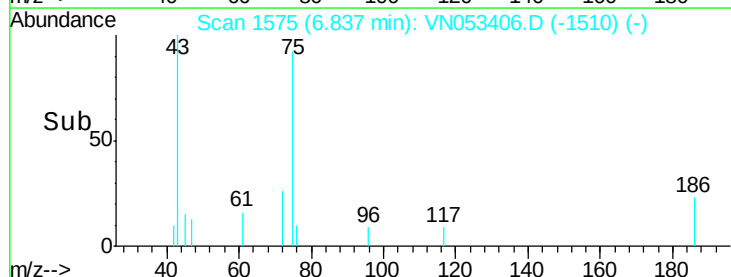
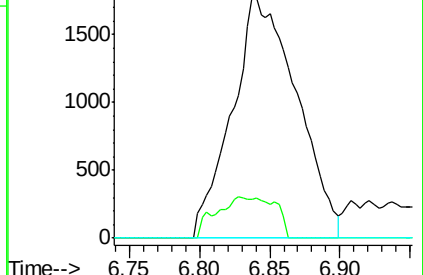
70 0.0 8.6 13.0#

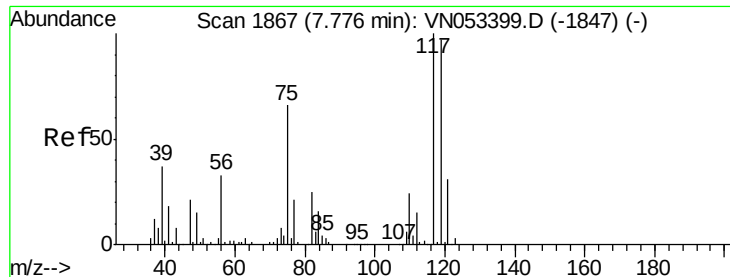


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 6.442 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053406.D

Acq: 15 Jan 2019 14:27

Instrument :

MSVOA_N

ClientSampled :

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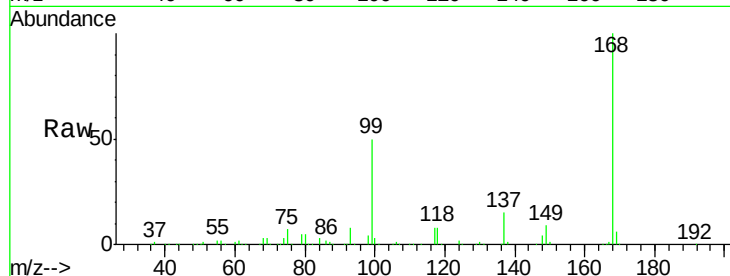
Tot Ion:117 Resp: 92462

Ion Ratio Lower Upper

117 100

119 5.5 76.6 115.0#

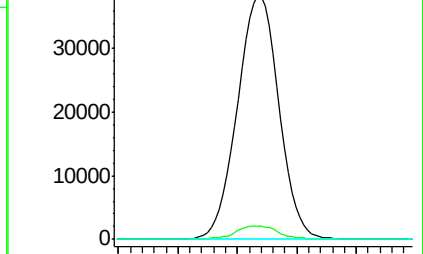
121 0.0 25.0 37.4#



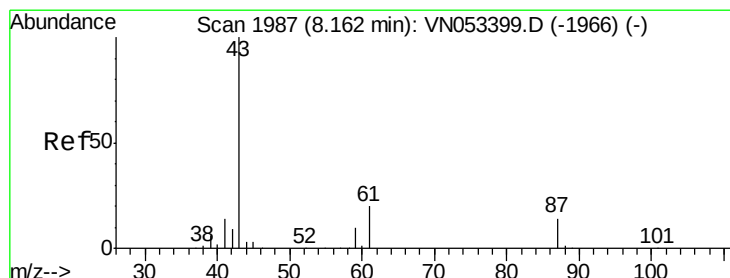
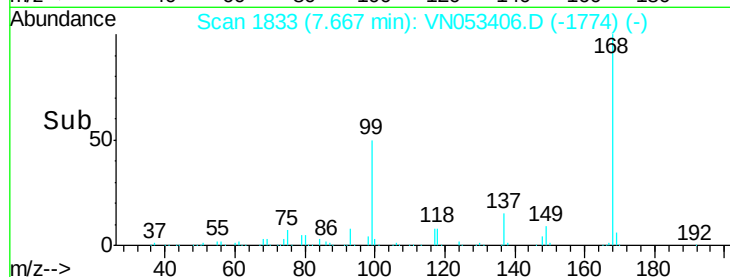
Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



Time-->



#43

Isopropyl Acetate

Concen: 2.284 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053406.D

Acq: 15 Jan 2019 14:27

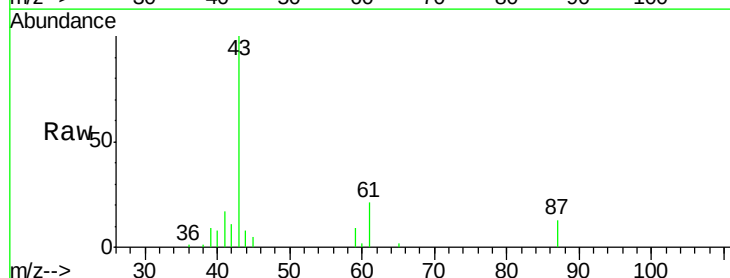
Tgt Ion: 43 Resp: 37400

Ion Ratio Lower Upper

43 100

61 10.4 23.3 34.9#

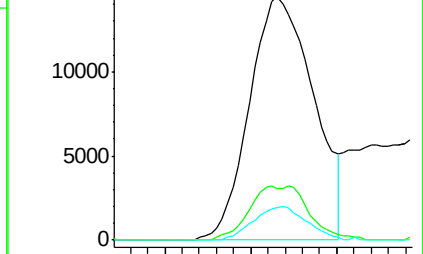
87 11.4 10.8 16.2



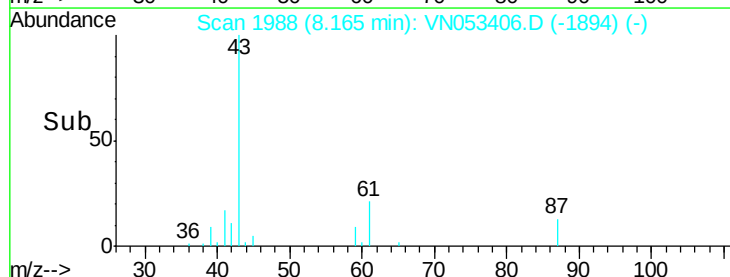
Abundance Ion 43.00 (42.70 to 43.70): V

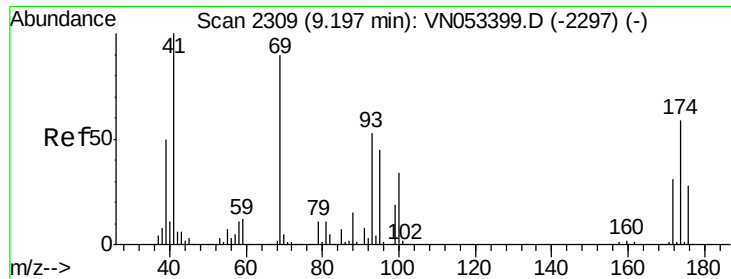
Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V



Time-->

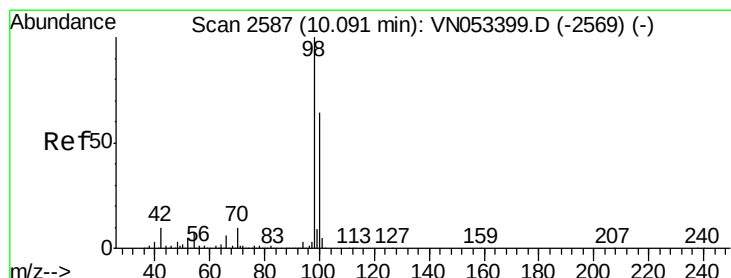
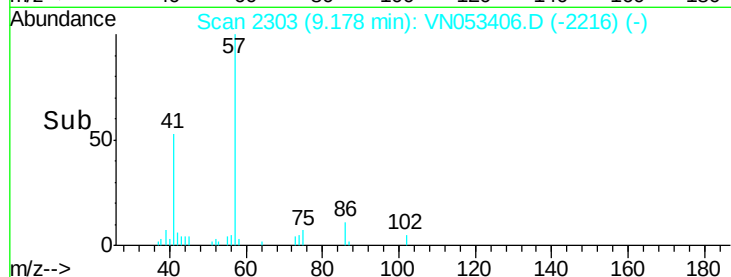
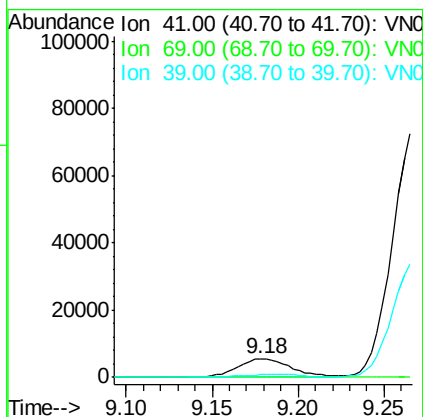
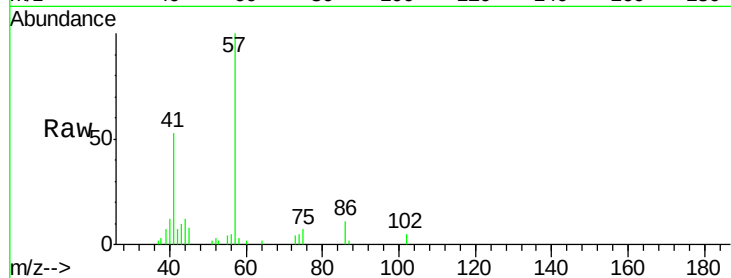




#48
Methvl methacrylate
Concen: 1.492 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN053406.D
Acq: 15 Jan 2019 14:27

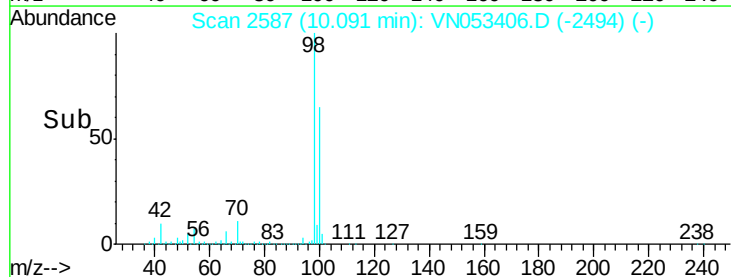
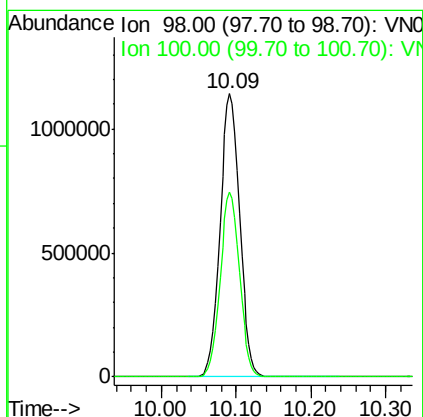
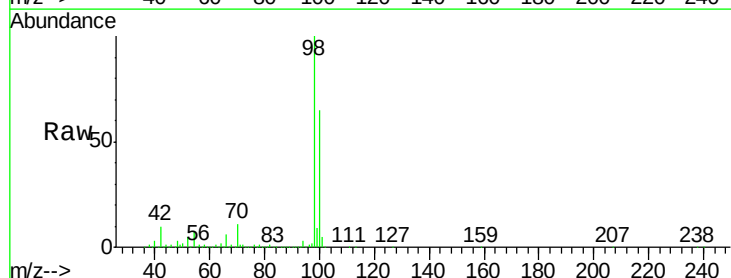
Instrument :
MSVOA_N
ClientSampleId :
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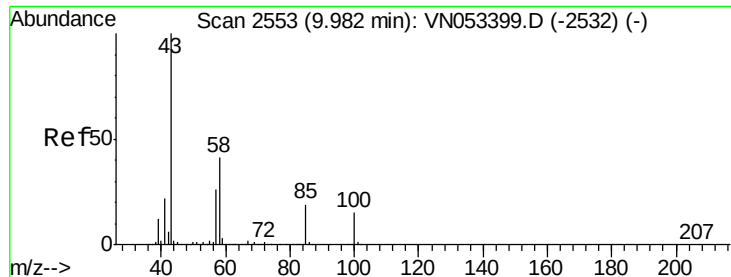
Tot Ion: 41 Resp: 12086
Ion Ratio Lower Upper
41 100
69 0.0 73.5 110.3#
39 17.3 41.6 62.4#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053406.D
Acq: 15 Jan 2019 14:27

Tgt Ion: 98 Resp: 2069094
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 0.691 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053406.D

Acq: 15 Jan 2019 14:27

Instrument :

MSVOA_N

ClientSampled :

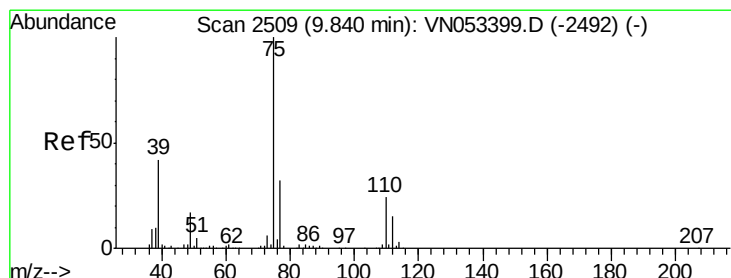
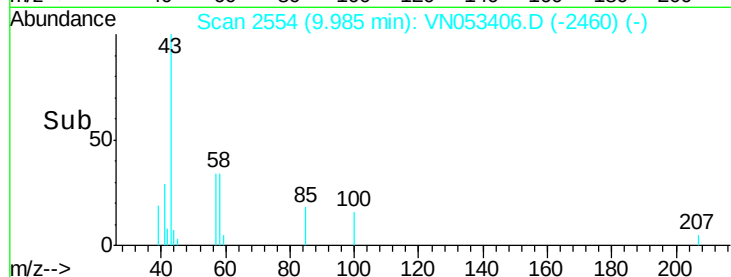
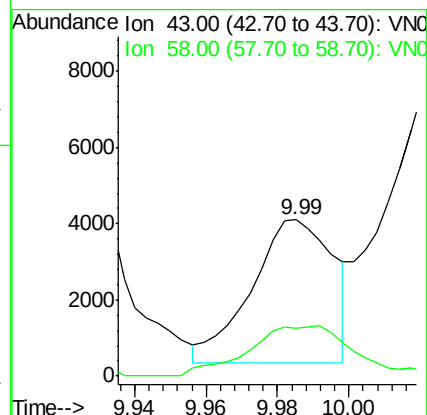
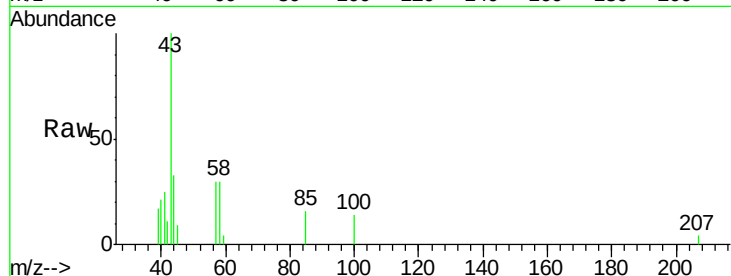
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Tot Ion: 43 Resp: 5918

Ion Ratio Lower Upper

43 100

58 45.4 32.7 49.1



#54

cis-1,3-Dichloropropene

Concen: 4.902 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN053406.D

Acq: 15 Jan 2019 14:27

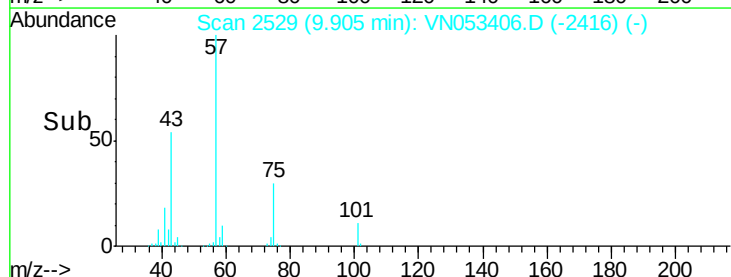
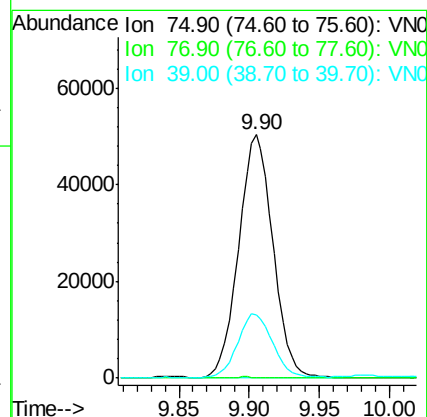
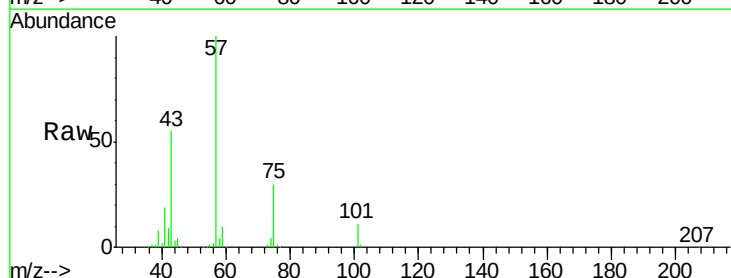
Tgt Ion: 75 Resp: 85872

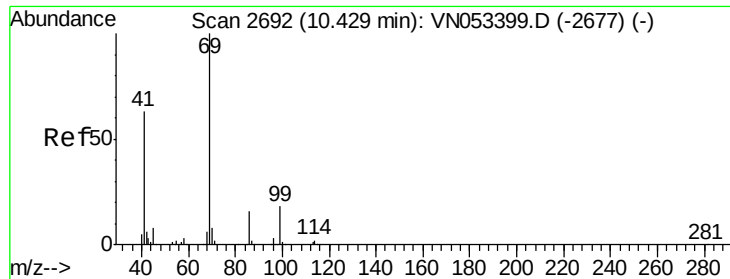
Ion Ratio Lower Upper

75 100

77 0.4 25.1 37.7#

39 26.0 33.1 49.7#





#56

Ethyl methacrylate

Concen: 2.062 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN053406.D

Acq: 15 Jan 2019 14:27

Instrument :

MSVOA_N

ClientSampled :

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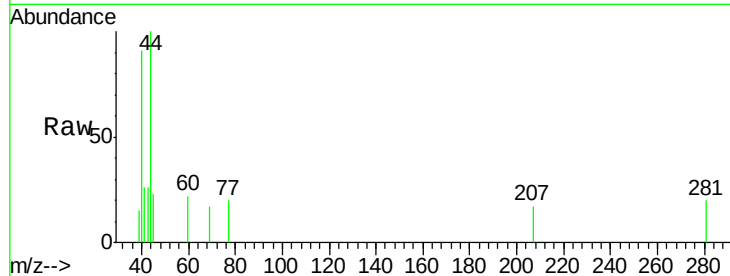
Tot Ion: 69 Resp: 69

Ion Ratio Lower Upper

69 100

41 0.0 49.2 73.8#

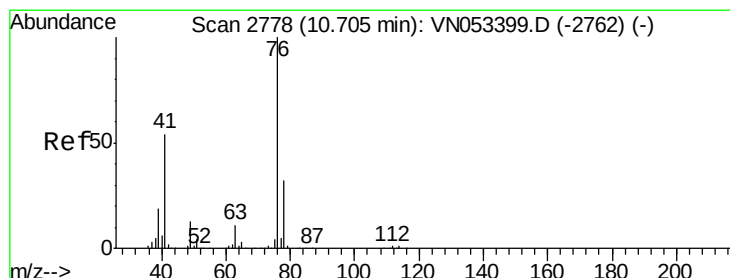
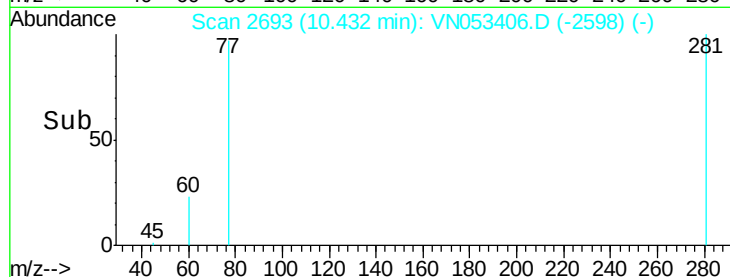
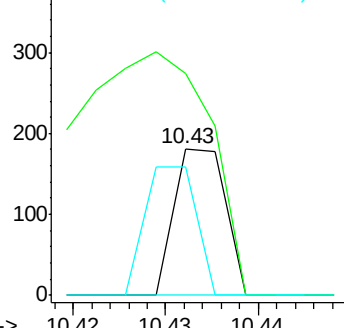
39 0.0 23.4 35.0#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.588 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN053406.D

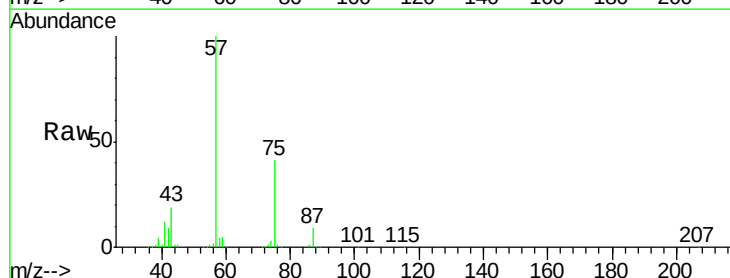
Acq: 15 Jan 2019 14:27

Tgt Ion: 76 Resp: 10029

Ion Ratio Lower Upper

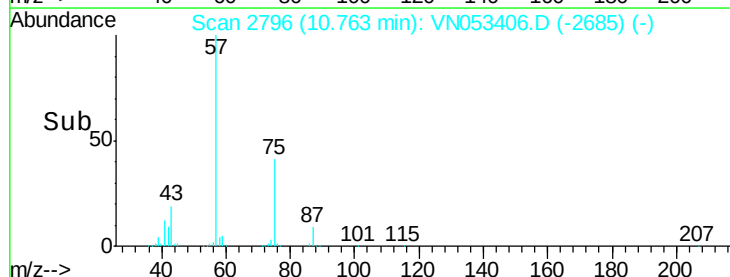
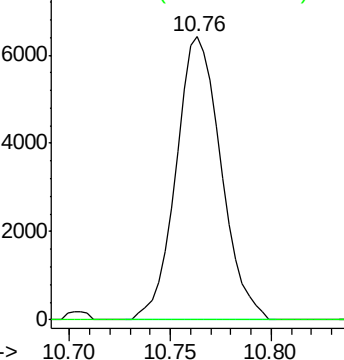
76 100

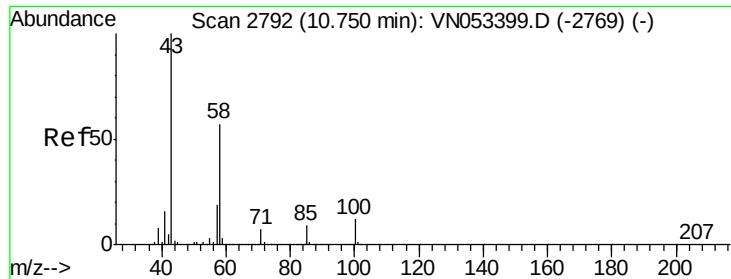
78 0.0 25.8 38.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

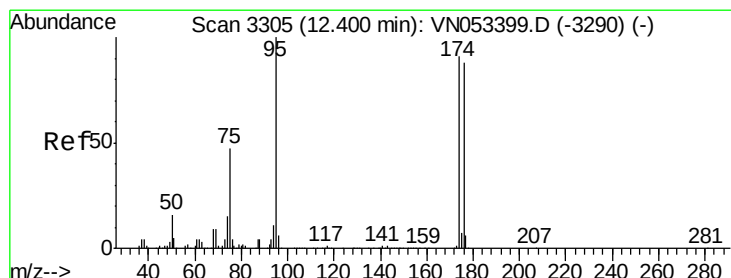
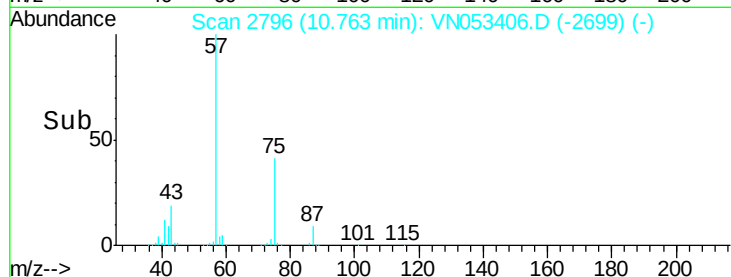
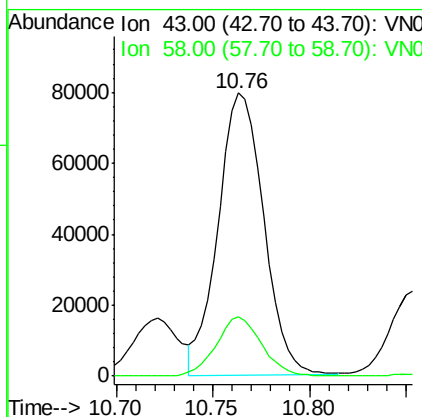
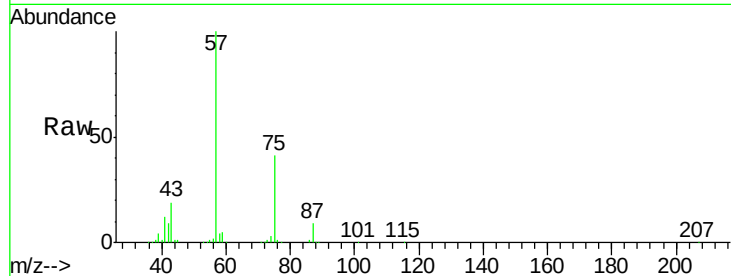




#59
2-Hexanone
Concen: 21.677 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053406.D
Acq: 15 Jan 2019 14:27

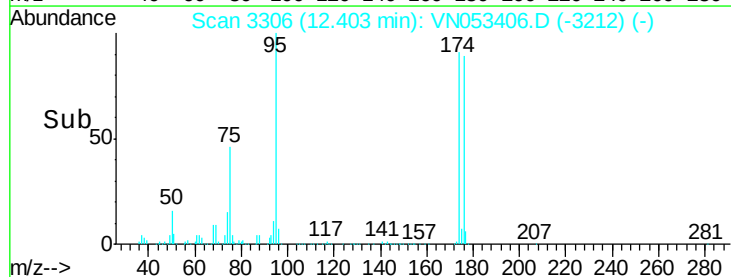
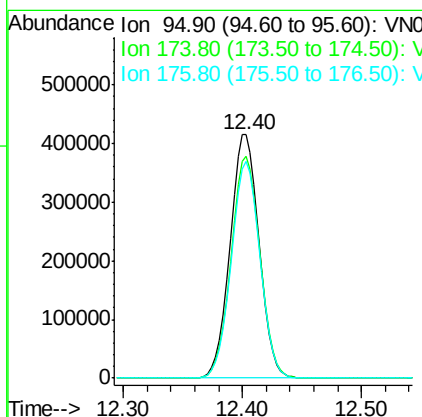
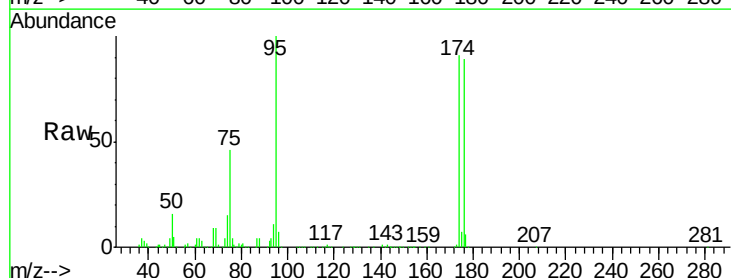
Instrument :
MSVOA_N
ClientSampled :
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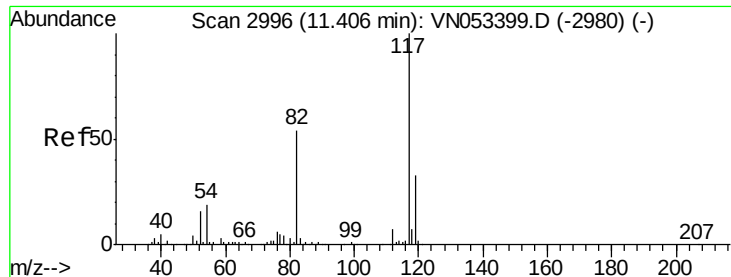
Tot Ion: 43 Resp: 130286
Ion Ratio Lower Upper
43 100
58 21.1 28.3 85.0#



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053406.D
Acq: 15 Jan 2019 14:27

Tgt Ion: 95 Resp: 699232
Ion Ratio Lower Upper
95 100
174 90.8 0.0 180.4
176 87.9 0.0 175.6

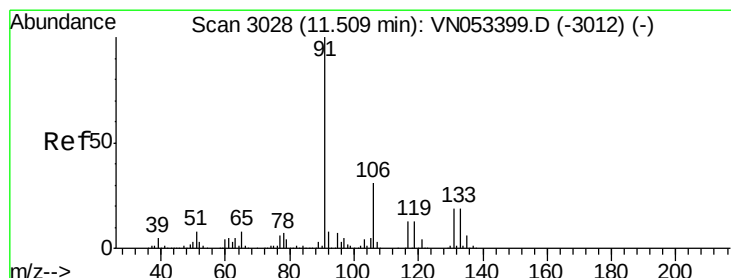
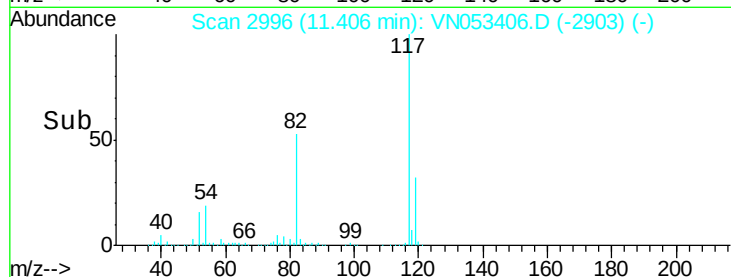
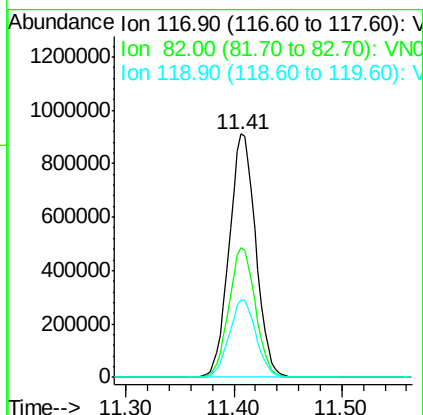
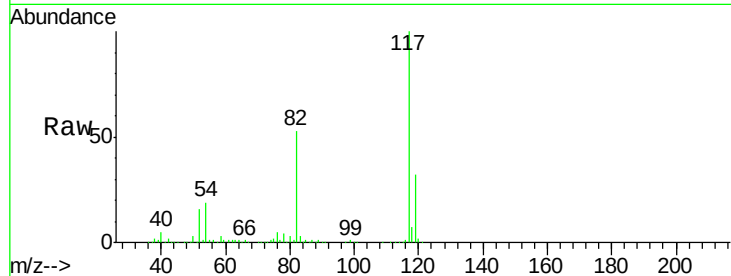




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053406.D
Acq: 15 Jan 2019 14:27

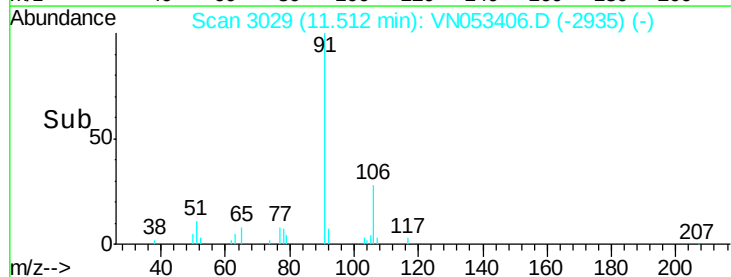
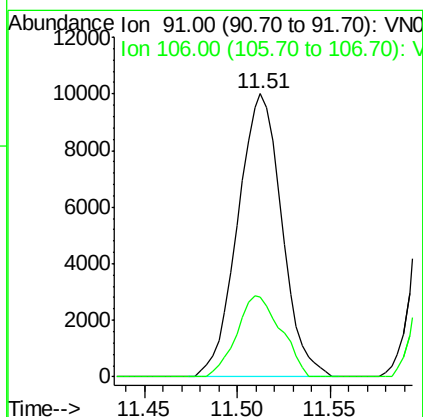
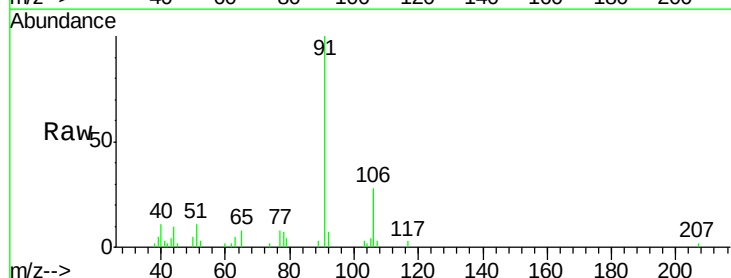
Instrument :
MSVOA_N
ClientSampled :
S-5

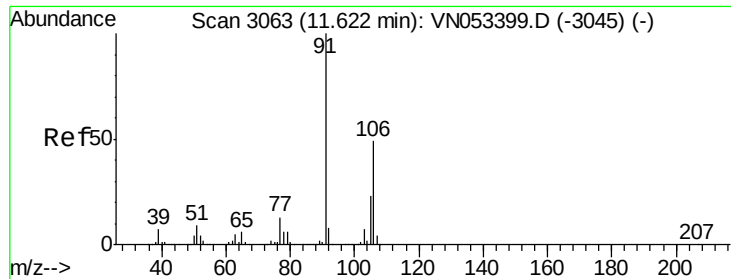
Tot Ion:117 Resp: 1564507
Ion Ratio Lower Upper
117 100
82 53.4 42.9 64.3
119 31.8 25.6 38.4



#67
Ethyl Benzene
Concen: 0.293 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053406.D
Acq: 15 Jan 2019 14:27

Tgt Ion: 91 Resp: 16516
Ion Ratio Lower Upper
91 100
106 28.1 25.0 37.4

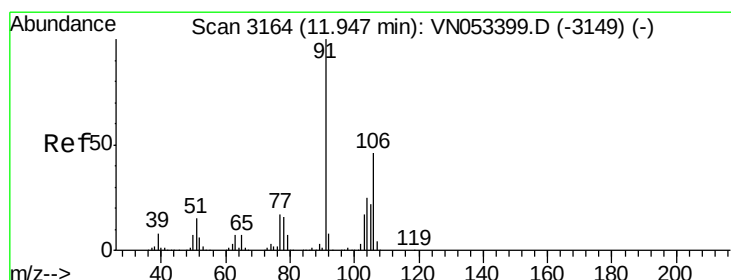
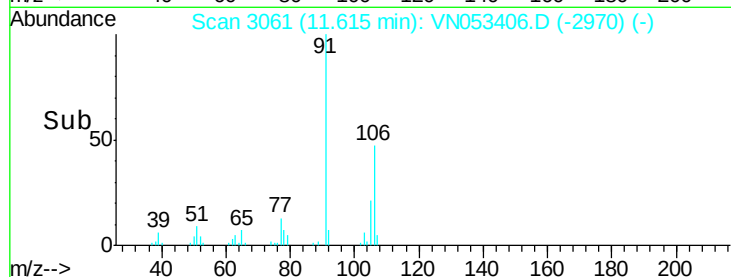
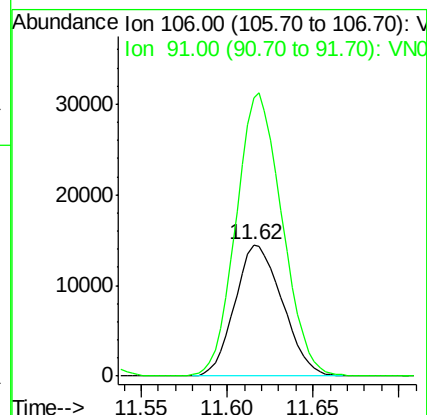
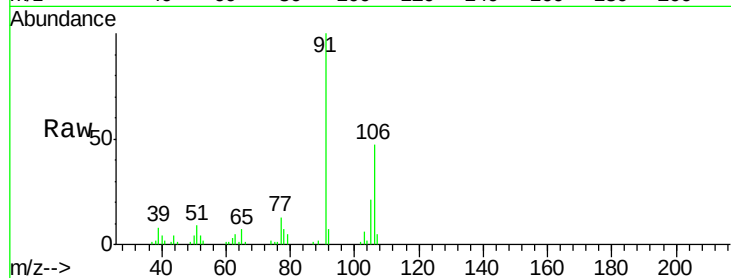




#68
m/p-Xylenes
Concen: 1.299 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN053406.D
Acq: 15 Jan 2019 14:27

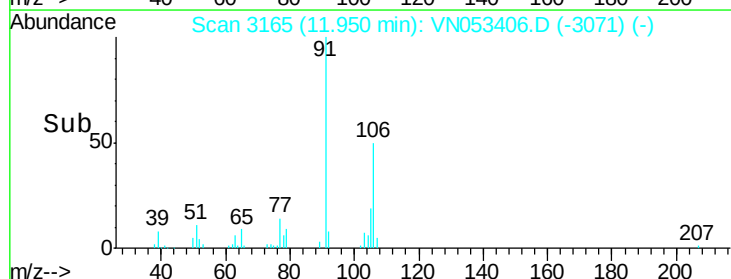
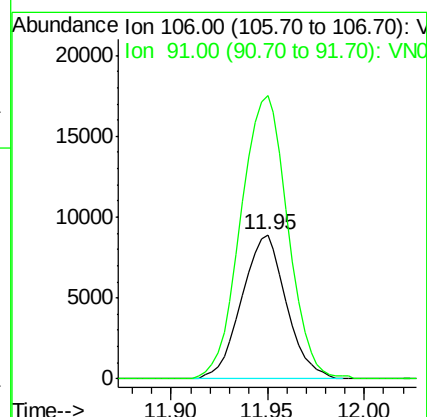
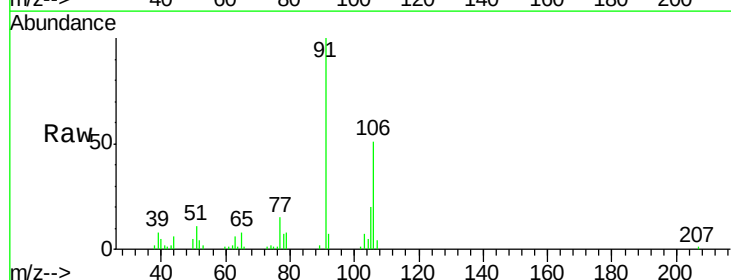
Instrument :
MSVOA_N
ClientSampled :
S-5

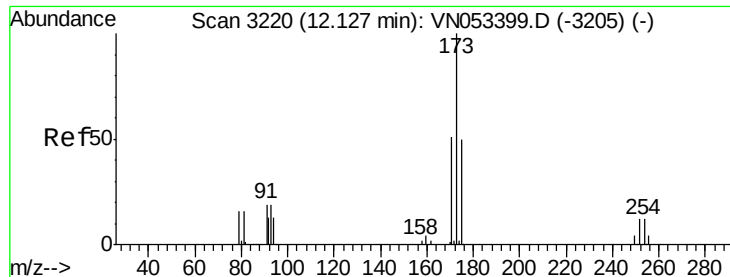
Tot Ion:106 Resp: 27673
Ion Ratio Lower Upper
106 100
91 209.7 161.4 242.2



#69
o-Xylene
Concen: 0.689 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053406.D
Acq: 15 Jan 2019 14:27

Tgt Ion:106 Resp: 14263
Ion Ratio Lower Upper
106 100
91 207.2 106.8 320.4

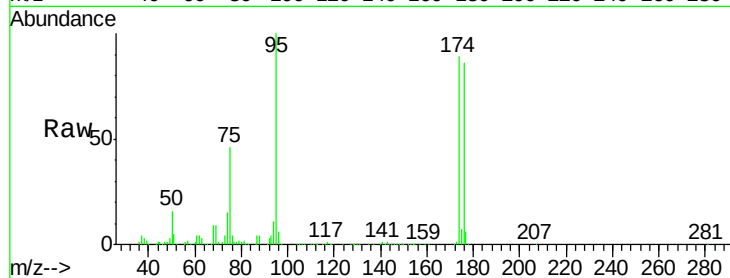




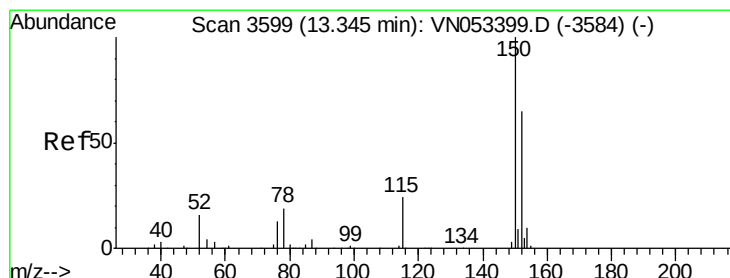
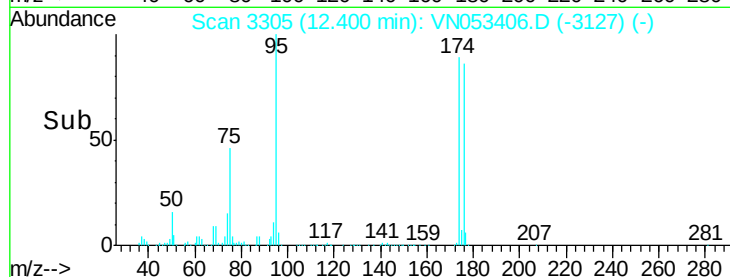
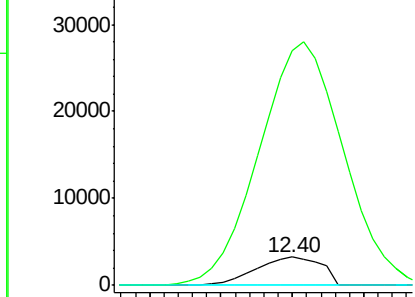
#71
Bromoform
Concen: 0.525 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053406.D
Acq: 15 Jan 2019 14:27

Instrument :
MSVOA_N
ClientSampled :
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Tot Ion:173 Resp: 4161
Ion Ratio Lower Upper
173 100
175 944.4 24.3 72.8#
254 0.0 0.2 0.2#

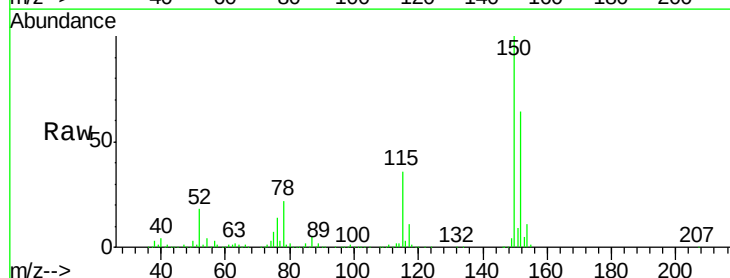


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

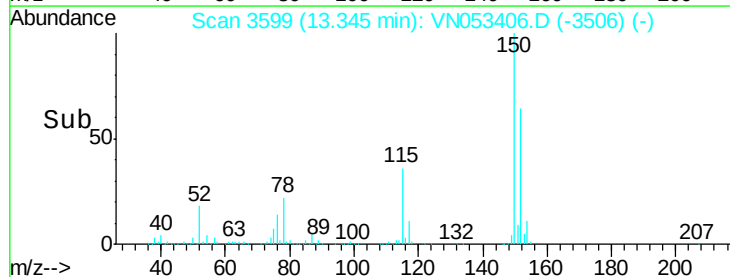
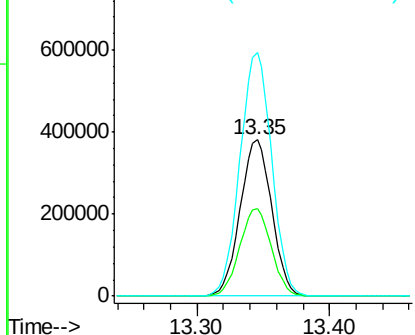


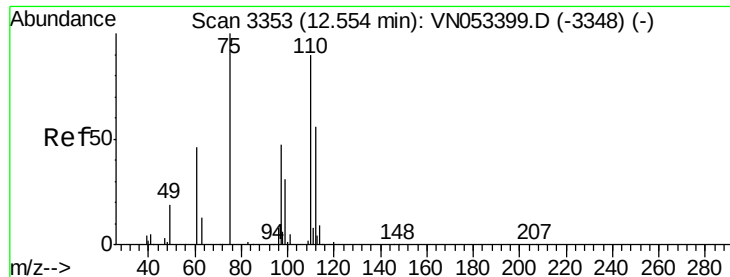
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053406.D
Acq: 15 Jan 2019 14:27

Tgt Ion:152 Resp: 628484
Ion Ratio Lower Upper
152 100
115 56.4 28.0 84.0
150 157.1 0.0 346.6



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





#76

1,2,3-Trichloropropane

Concen: 40.856 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053406.D

Acq: 15 Jan 2019 14:27

Instrument :

MSVOA_N

ClientSampled :

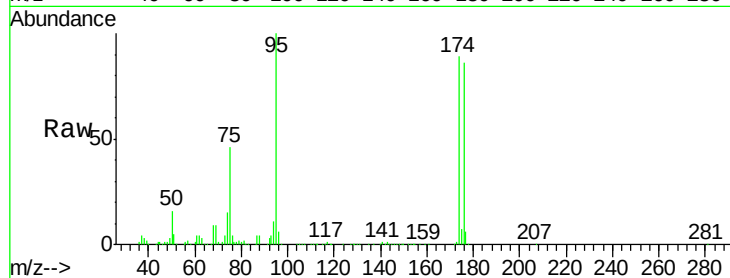
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Tot Ion: 75 Resp: 323295

Ion Ratio Lower Upper

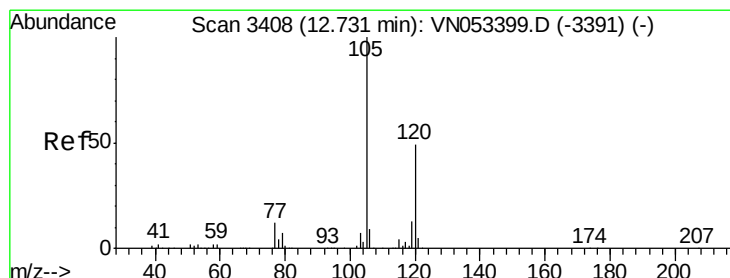
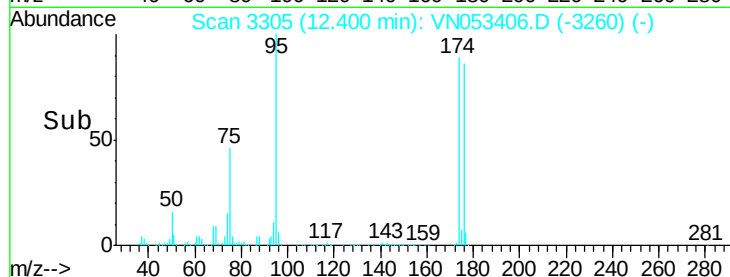
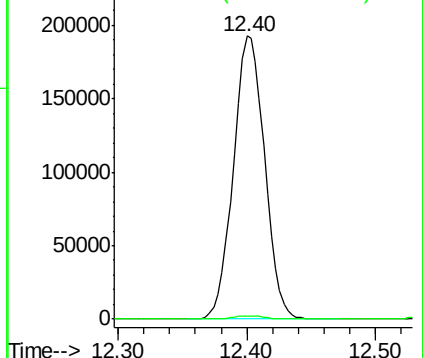
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#80

1,3,5-Trimethylbenzene

Concen: 0.518 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053406.D

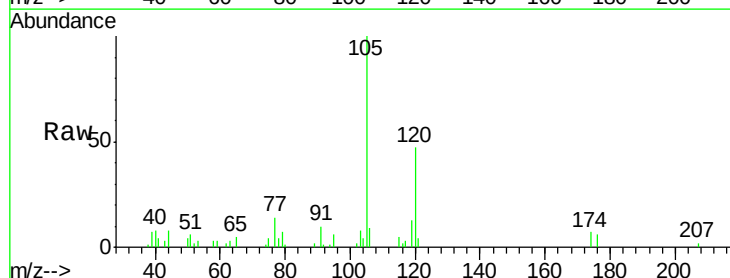
Acq: 15 Jan 2019 14:27

Tgt Ion: 105 Resp: 19407

Ion Ratio Lower Upper

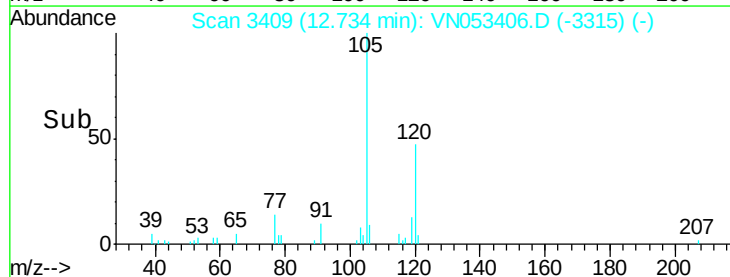
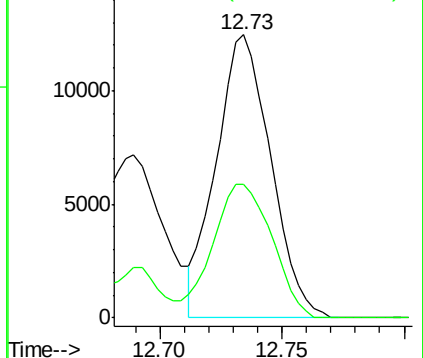
105 100

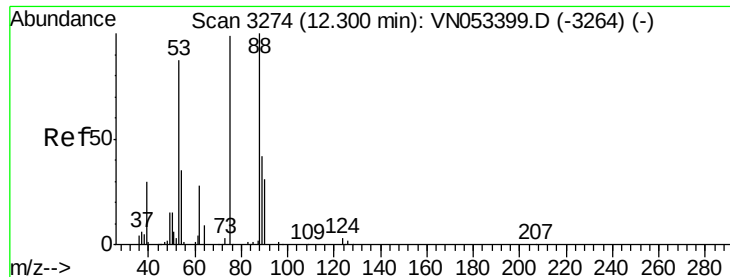
120 51.8 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 96.316 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053406.D

Acq: 15 Jan 2019 14:27

Instrument :

MSVOA_N

ClientSampled :

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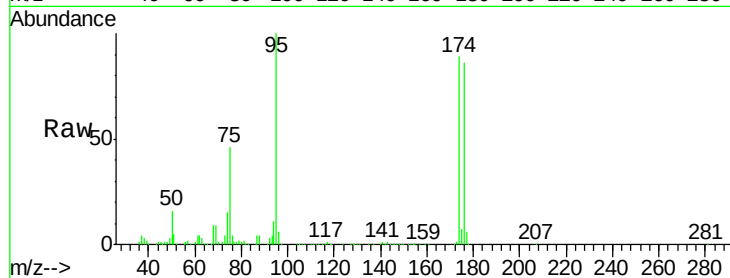
Tot Ion: 75 Resp: 323295

Ion Ratio Lower Upper

75 100

53 0.0 70.5 105.7#

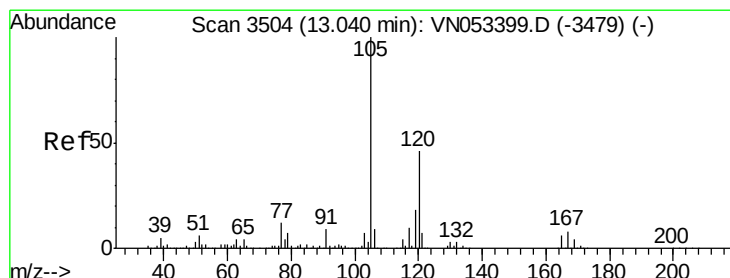
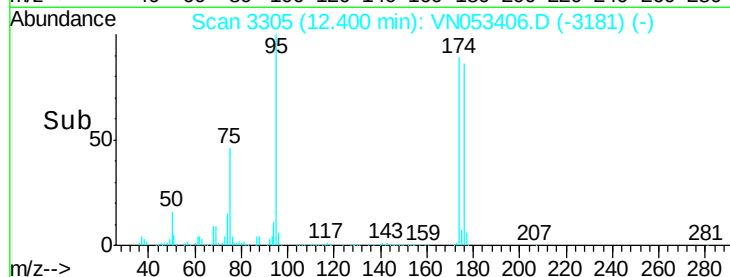
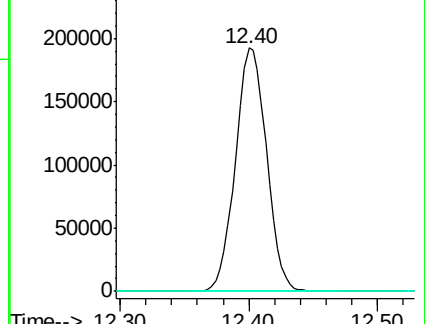
89 0.0 35.4 53.0#



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) (-)



#84

1,2,4-Trimethylbenzene

Concen: 2.073 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053406.D

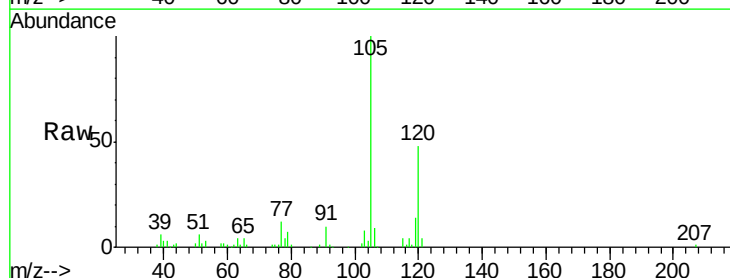
Acq: 15 Jan 2019 14:27

Tgt Ion: 105 Resp: 78270

Ion Ratio Lower Upper

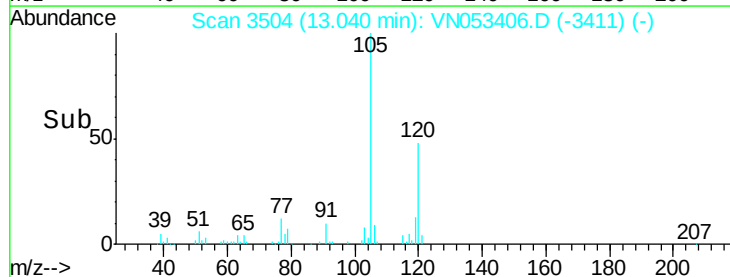
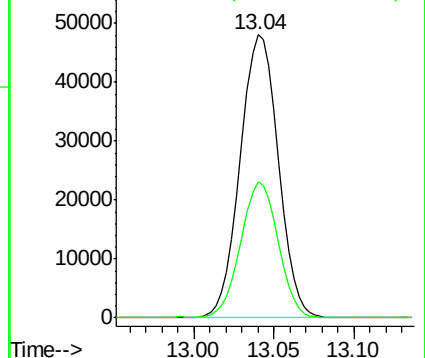
105 100

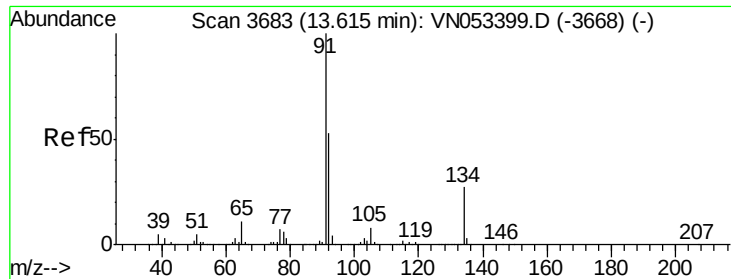
120 47.3 23.0 69.0



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

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

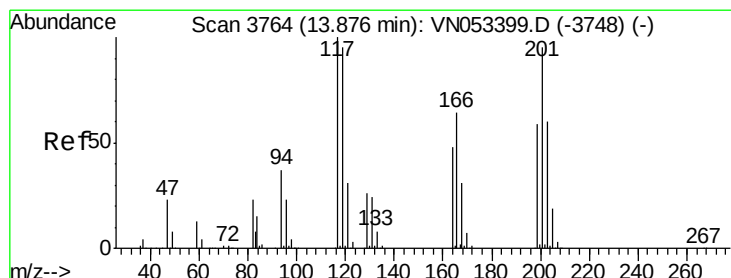
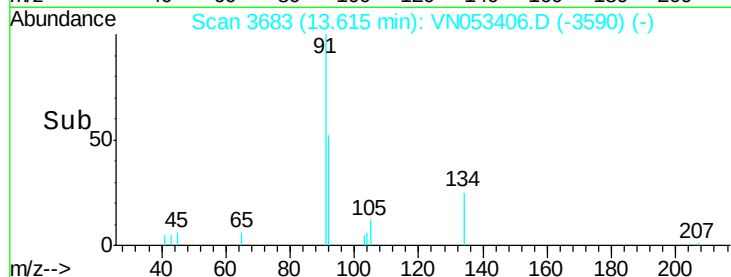
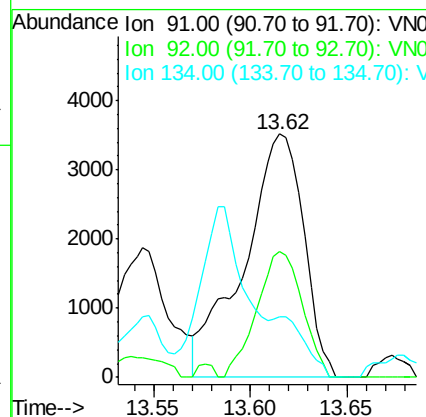
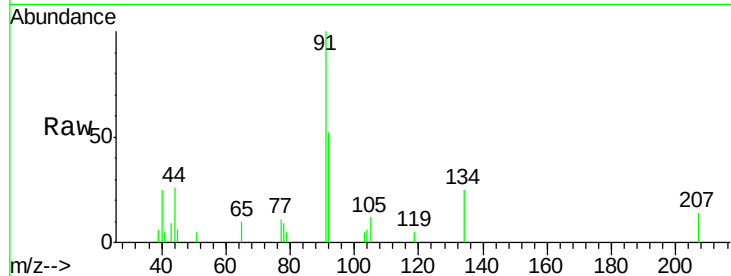




#89
n-Butylbenzene
Concen: 0.225 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN053406.D
Acq: 15 Jan 2019 14:27

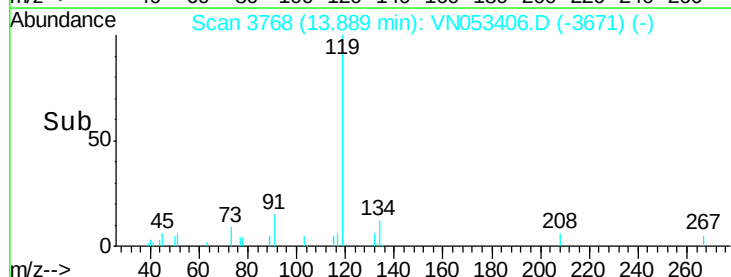
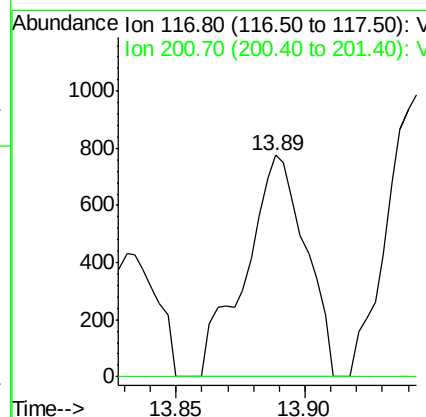
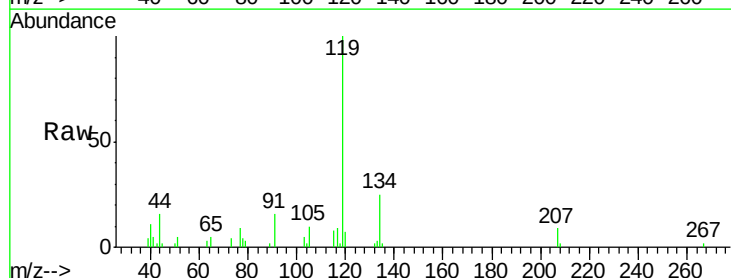
Instrument :
MSVOA_N
ClientSampled :
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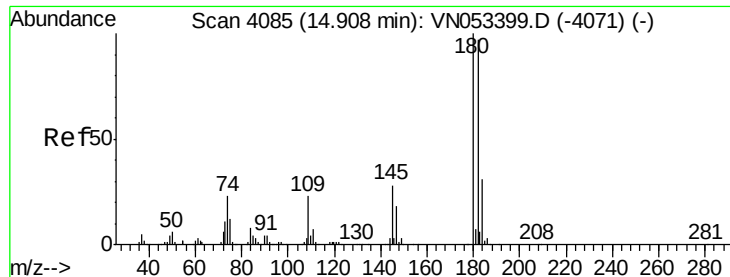
Tot Ion: 91 Resp: 7542
Ion Ratio Lower Upper
91 100
92 39.3 26.3 78.8
134 0.0 13.5 40.5#



#90
Hexachloroethane
Concen: 0.204 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.01 min
Lab File: VN053406.D
Acq: 15 Jan 2019 14:27

Tgt Ion: 117 Resp: 1259
Ion Ratio Lower Upper
117 100
201 0.0 46.1 138.3#

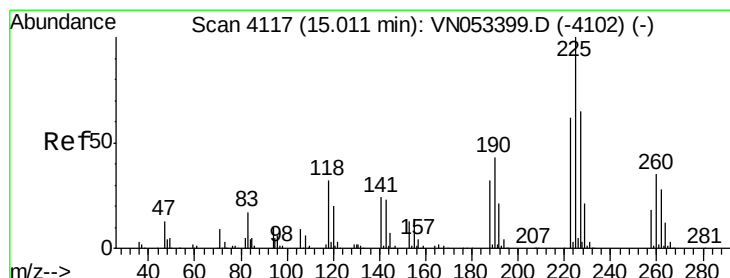
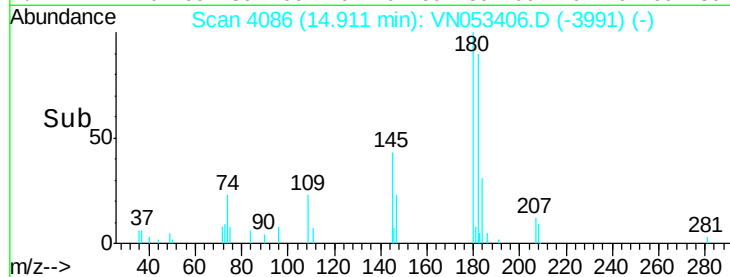
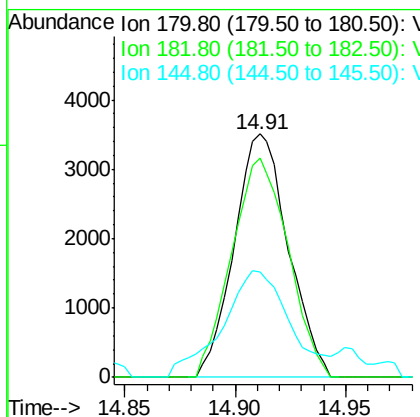
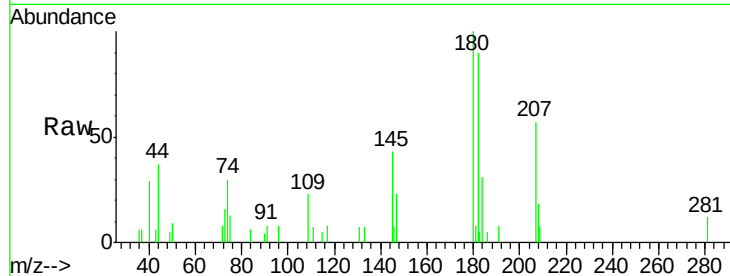




#93
 1,2,4-Trichlorobenzene
 Concen: 3.415 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053406.D
 Acq: 15 Jan 2019 14:27

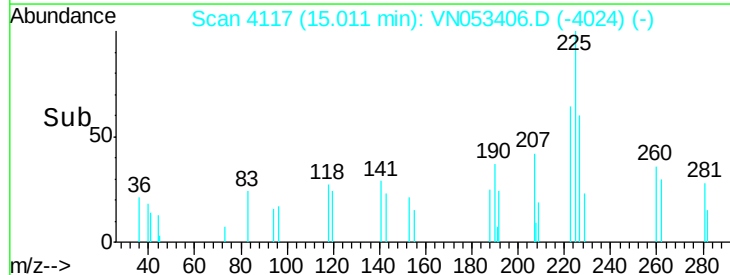
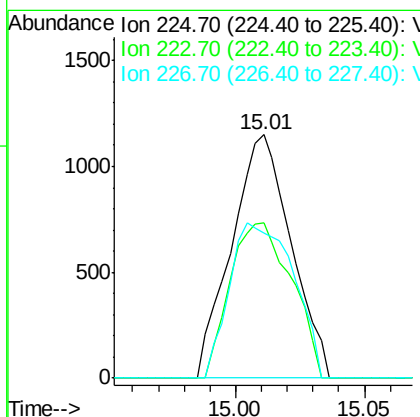
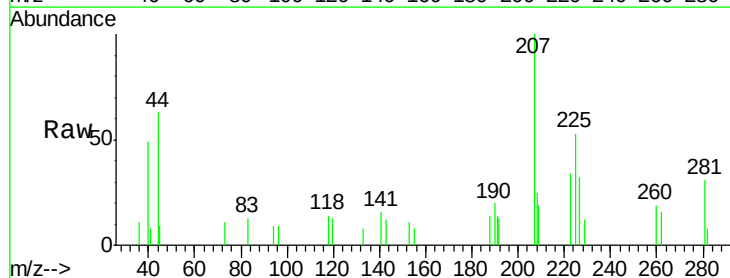
Instrument :
 MSVOA_N
 ClientSampleId :
 S-5

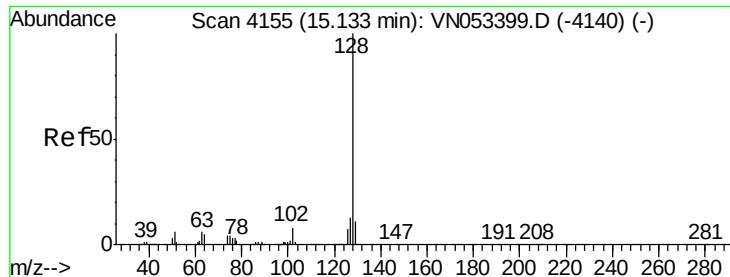
Tot Ion:180 Resp: 5950
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.8 143.4
 145 55.0 14.4 43.0#



#94
 Hexachlorobutadiene
 Concen: 0.302 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053406.D
 Acq: 15 Jan 2019 14:27

Tgt Ion:225 Resp: 1847
 Ion Ratio Lower Upper
 225 100
 223 66.1 30.9 92.8
 227 68.5 31.4 94.2





#95

Naphthalene

Concen: 7.228 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053406.D

Acq: 15 Jan 2019 14:27

Instrument :

MSVOA_N

ClientSampleId :

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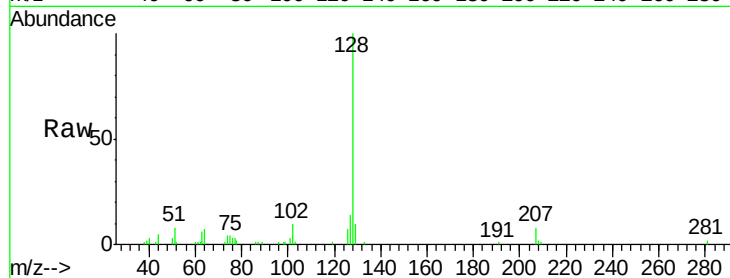
Tot Ion:128 Resp: 54255

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

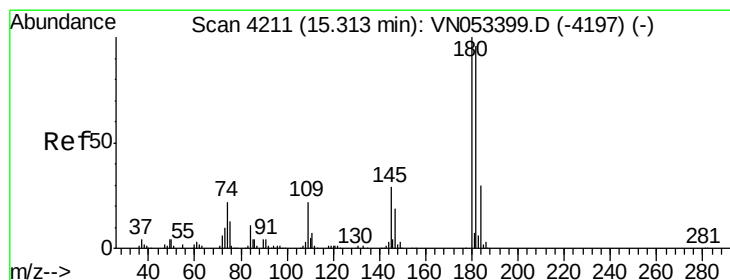
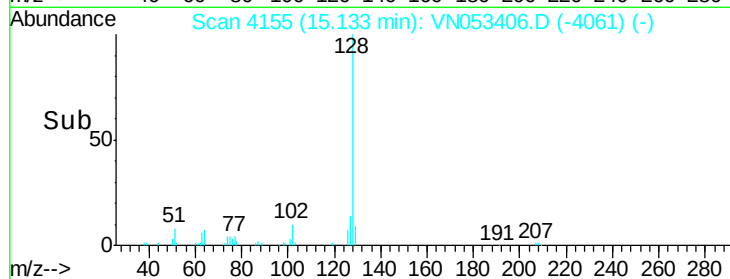
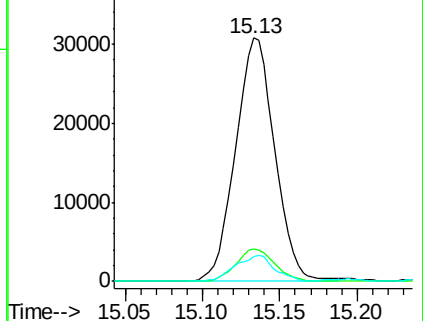
129 10.8 8.7 13.1



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: 4.900 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN053406.D

Acq: 15 Jan 2019 14:27

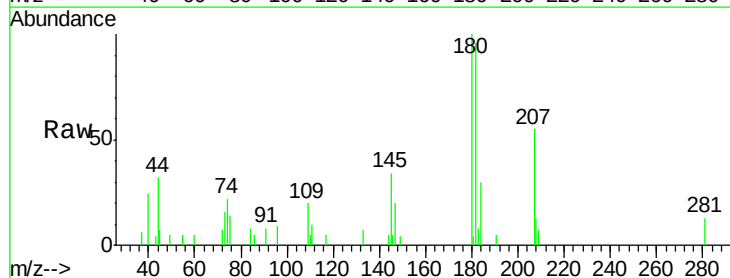
Tgt Ion:180 Resp: 6847

Ion Ratio Lower Upper

180 100

182 99.1 48.4 145.0

145 46.2 14.9 44.5#



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

