

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011519\
 Data File : VN053410.D
 Acq On : 15 Jan 2019 16:14
 Operator : JC/SP
 Sample : K1139-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 S-9

Quant Time: Jan 16 03:40:46 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	980794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1507906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1370282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	579494	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	466093	48.08	ug/l	0.00
Spiked Amount			Recovery	=	96.16%	
35) Dibromofluoromethane	7.59	113	420379	48.85	ug/l	0.00
Spiked Amount			Recovery	=	97.70%	
50) Toluene-d8	10.09	98	1861751	51.15	ug/l	0.00
Spiked Amount			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.40	95	619197	48.52	ug/l	0.00
Spiked Amount			Recovery	=	97.04%	

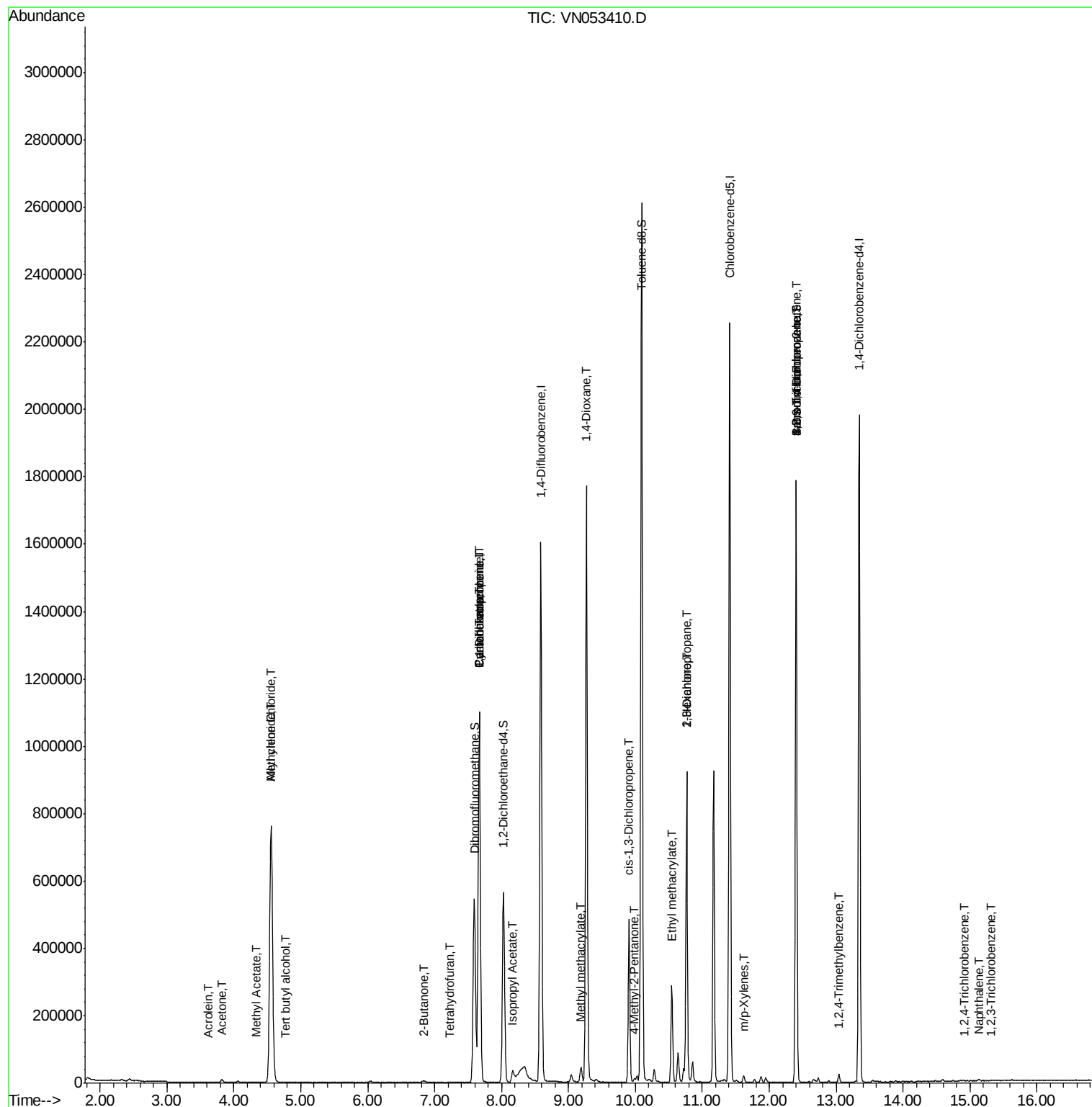
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.77	59	663	1.398	ug/l #	73
13) Acrolein	3.63	56	264	22.997	ug/l #	14
14) Allyl chloride	4.55	41	22792	1.607	ug/l #	25
16) Acetone	3.82	43	15208	6.686	ug/l	99
18) Methyl Acetate	4.33	43	3323	0.434	ug/l #	67
20) Methylene Chloride	4.56	84	599058	57.691	ug/l	99
25) 2-Butanone	6.84	43	7043	2.009	ug/l	92
29) Tetrahydrofuran	7.22	42	1743	0.764	ug/l #	50
31) Cyclohexane	7.67	56	15445	0.686	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	64066	4.665	ug/l #	49
38) Carbon Tetrachloride	7.67	117	84911	6.531	ug/l #	15
43) Isopropyl Acetate	8.17	43	51059	3.442	ug/l #	83
48) Methyl methacrylate	9.18	41	17429	2.376	ug/l #	20
49) 1,4-Dioxane	9.27	88	263	3.671	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	5824	0.751	ug/l #	87
54) cis-1,3-Dichloropropene	9.90	75	91814	5.786	ug/l #	62
56) Ethyl methacrylate	10.54	69	1110	2.142	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	9637	0.624	ug/l #	42
59) 2-Hexanone	10.76	43	127370	23.396	ug/l #	52
68) m/p-Xylenes	11.62	106	6164	0.330	ug/l	93
71) Bromoform	12.40	173	3957	0.570	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	289210	39.639	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	289210	93.521	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.04	105	15548	0.447	ug/l	96
93) 1,2,4-Trichlorobenzene	14.91	180	749	2.855	ug/l	78
95) Naphthalene	15.13	128	5450	4.297	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.31	180	233	3.941	ug/l #	40

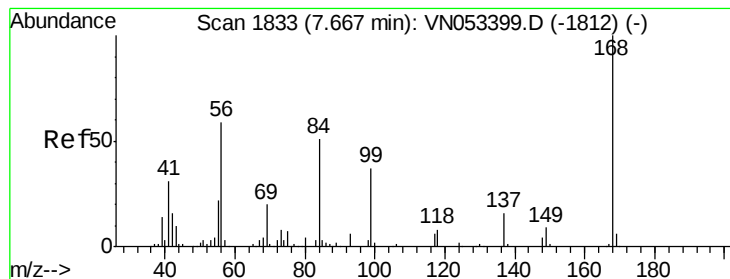
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 15 11:52:35 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: VN053410.D

Acq: 15 Jan 2019 16:14

Instrument :

MSVOA_N

ClientSampled :

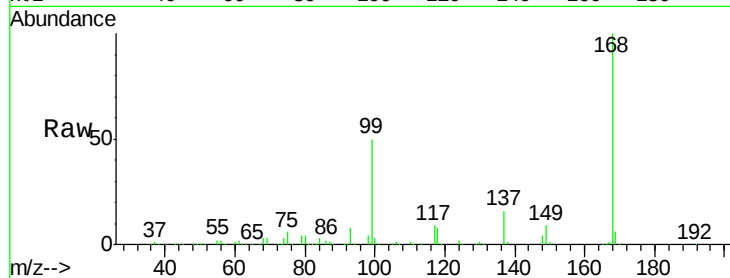
S-9

Tot Ion:168 Resp: 980794

Ion Ratio Lower Upper

168 100

99 49.8 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

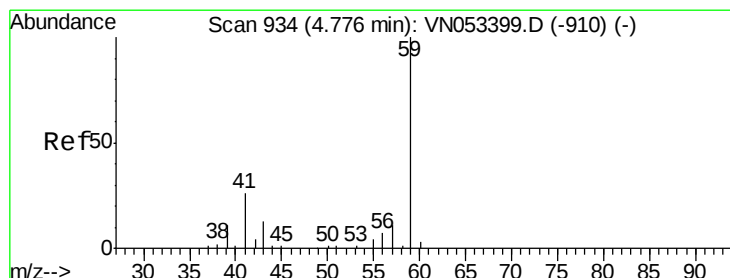
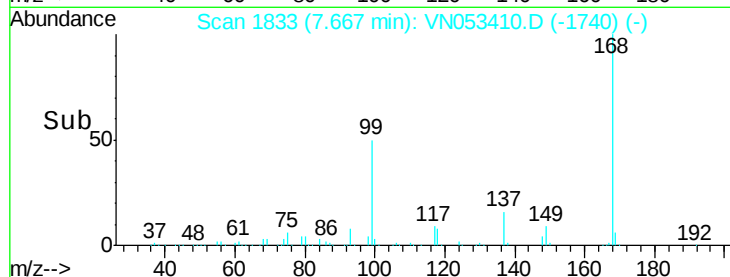
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.398 ug/l

RT: 4.77 min Scan# 932

Delta R.T. -0.01 min

Lab File: VN053410.D

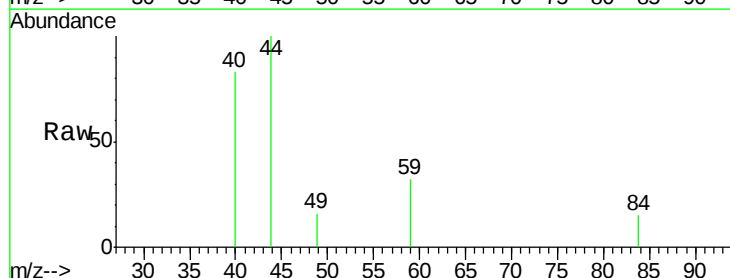
Acq: 15 Jan 2019 16:14

Tgt Ion: 59 Resp: 663

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

4.77

400

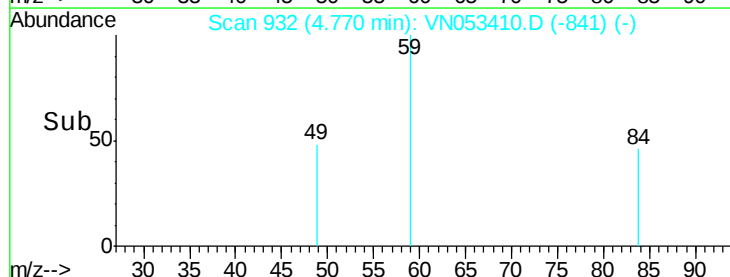
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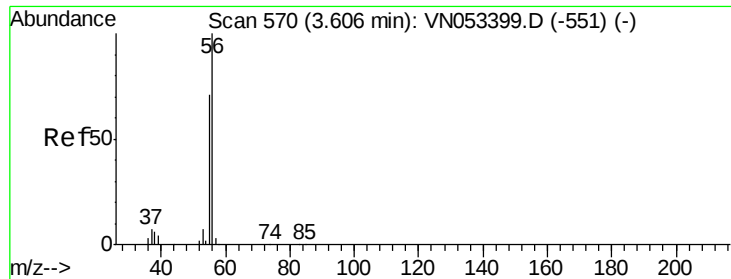
200

100

0

Time-->





#13

Acrolein

Concen: 22.997 ug/l

RT: 3.63 min Scan# 576

Delta R.T. 0.02 min

Lab File: VN053410.D

Acq: 15 Jan 2019 16:14

Instrument :

MSVOA_N

ClientSampled :

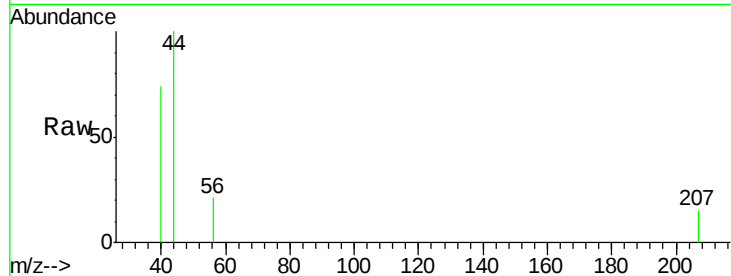
S-9

Tot Ion: 56 Resp: 264

Ion Ratio Lower Upper

56 100

55 0.0 56.3 84.5#



Abundance Ion 56.00 (55.70 to 56.70): VNC

Ion 55.00 (54.70 to 55.70): VNC

3.63

250

200

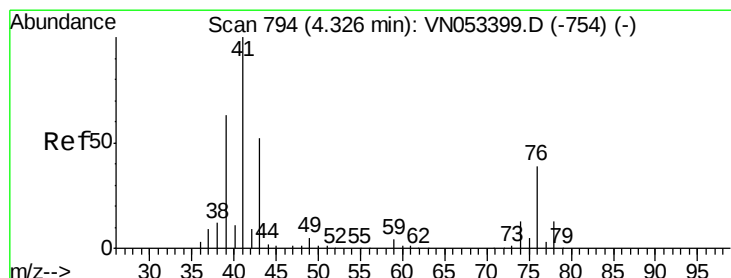
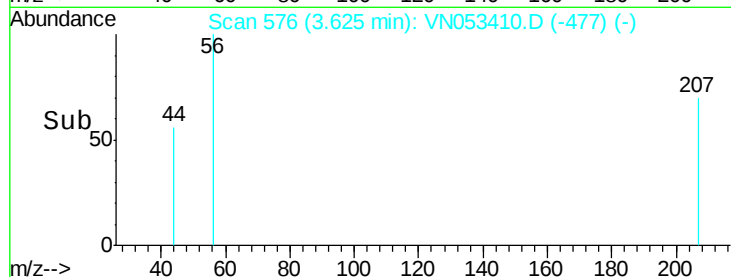
150

100

50

0

Time-->



#14

Allyl chloride

Concen: 1.607 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.23 min

Lab File: VN053410.D

Acq: 15 Jan 2019 16:14

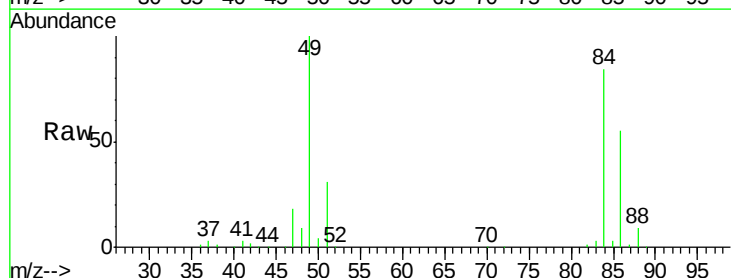
Tgt Ion: 41 Resp: 22792

Ion Ratio Lower Upper

41 100

39 0.0 51.9 77.9#

76 0.0 31.2 46.8#



Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 75.90 (75.60 to 76.60): VNC

10000

8000

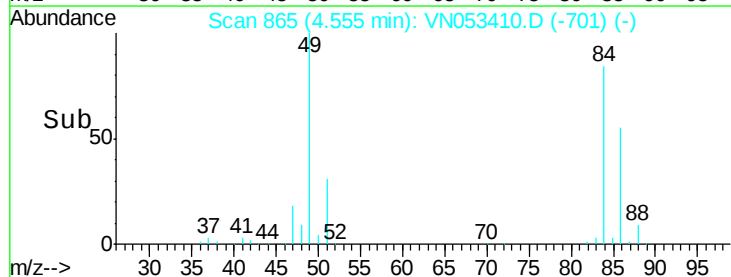
6000

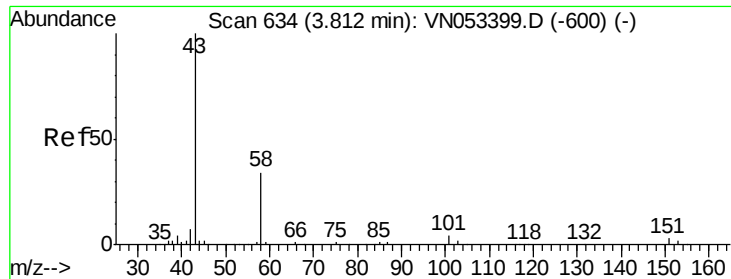
4000

2000

0

Time-->





#16

Acetone

Concen: 6.686 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053410.D

Acq: 15 Jan 2019 16:14

Instrument :

MSVOA_N

ClientSampled :

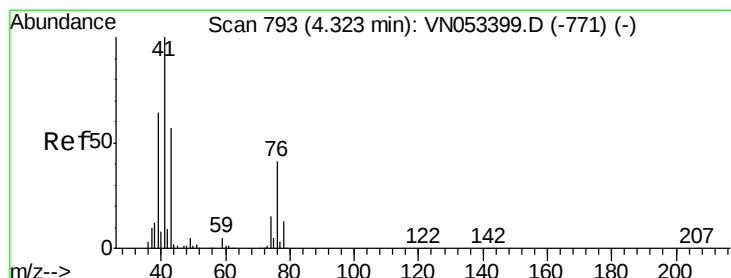
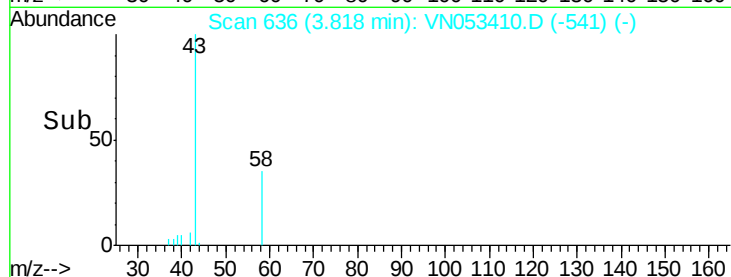
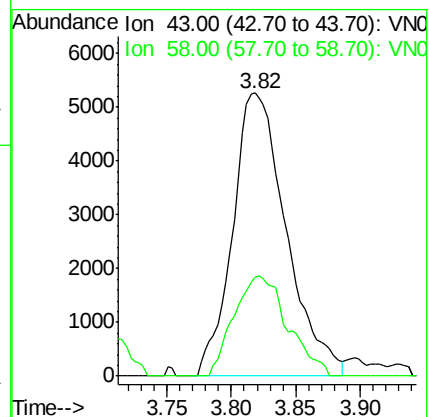
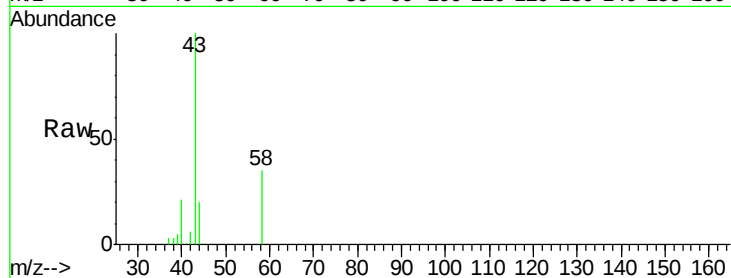
S-9

Tot Ion: 43 Resp: 15208

Ion Ratio Lower Upper

43 100

58 35.2 27.8 41.6



#18

Methyl Acetate

Concen: 0.434 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN053410.D

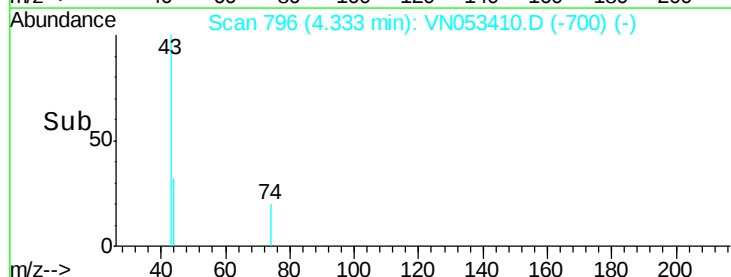
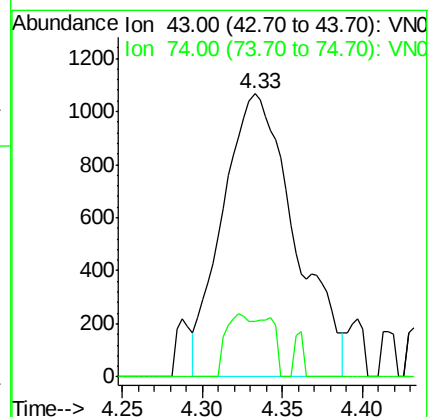
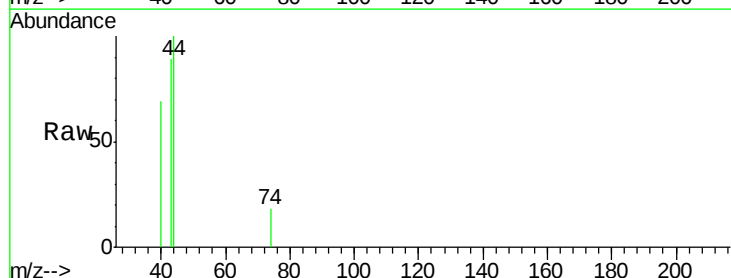
Acq: 15 Jan 2019 16:14

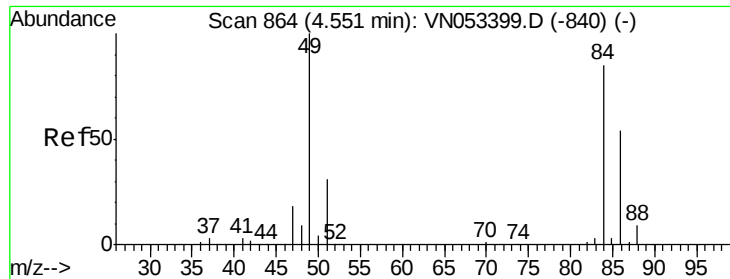
Tgt Ion: 43 Resp: 3323

Ion Ratio Lower Upper

43 100

74 8.4 19.8 29.8#

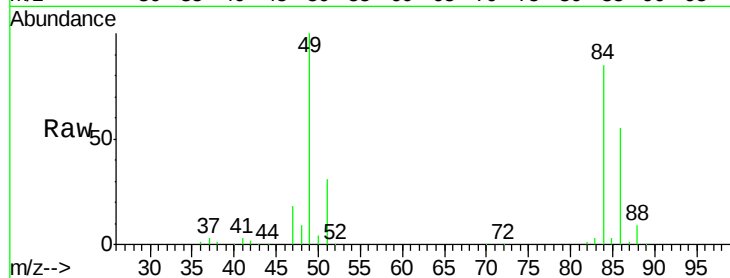




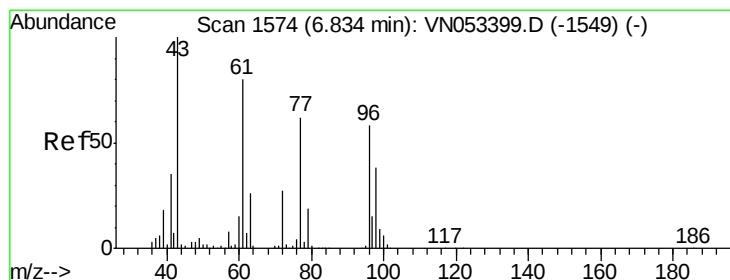
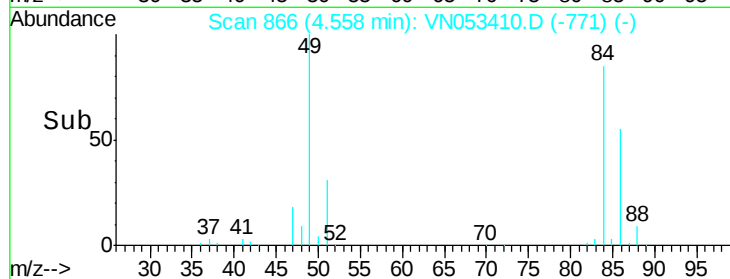
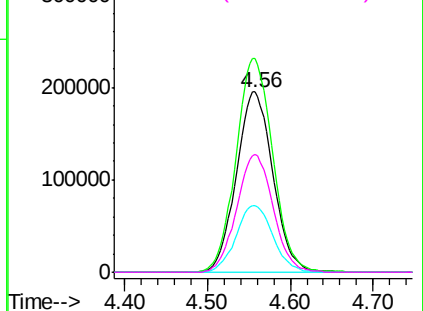
#20
Methvlene Chloride
Concen: 57.691 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053410.D
Acq: 15 Jan 2019 16:14

Instrument :
MSVOA_N
ClientSampled :
S-9

Tot Ion:	84	Resp:	599058
Ion	Ratio	Lower	Upper
84	100		
49	118.3	95.3	142.9
51	36.8	29.0	43.6
86	65.6	51.7	77.5

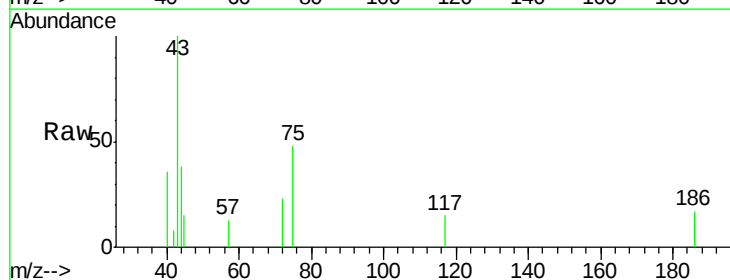


Abundance Ion 83.90 (83.60 to 84.60): VN0

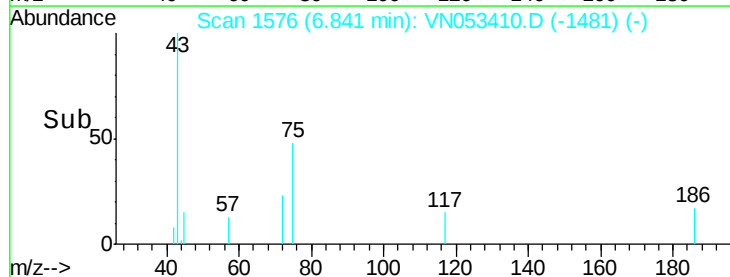
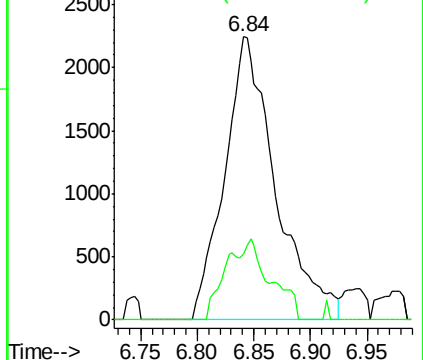


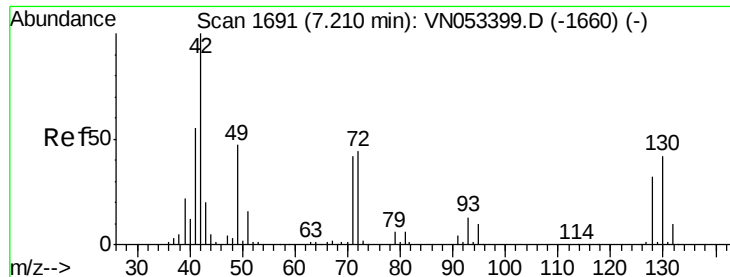
#25
2-Butanone
Concen: 2.009 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN053410.D
Acq: 15 Jan 2019 16:14

Tgt Ion:	43	Resp:	7043
Ion	Ratio	Lower	Upper
43	100		
72	23.3	22.0	33.0



Abundance Ion 43.00 (42.70 to 43.70): VN0





#29

Tetrahydrofuran

Concen: 0.764 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VN053410.D

Acq: 15 Jan 2019 16:14

Instrument :

MSVOA_N

ClientSampled :

S-9

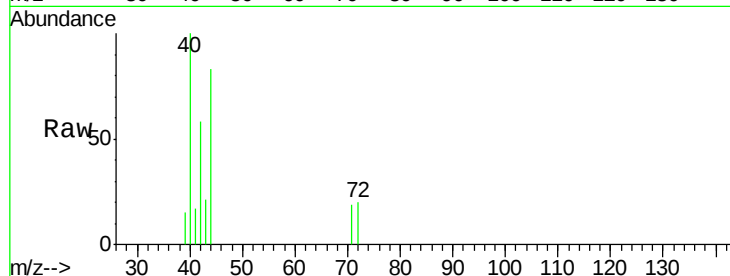
Tot Ion: 42 Resp: 1743

Ion Ratio Lower Upper

42 100

72 11.9 35.6 53.4#

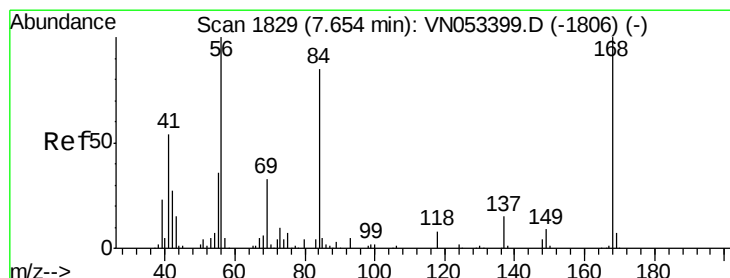
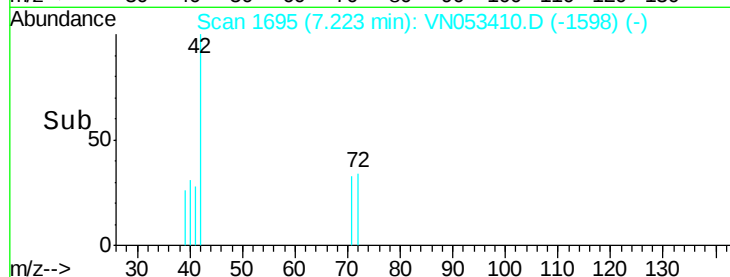
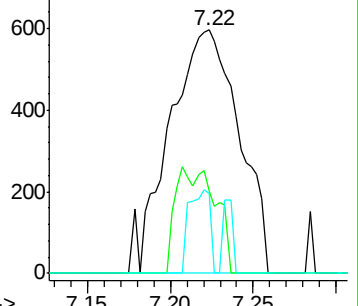
71 10.3 33.8 50.8#



Abundance Ion 42.00 (41.70 to 42.70): VN053399.D (-1660) (-)

Ion 72.00 (71.70 to 72.70): VN053399.D (-1660) (-)

Ion 71.00 (70.70 to 71.70): VN053399.D (-1660) (-)



#31

Cyclohexane

Concen: 0.686 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN053410.D

Acq: 15 Jan 2019 16:14

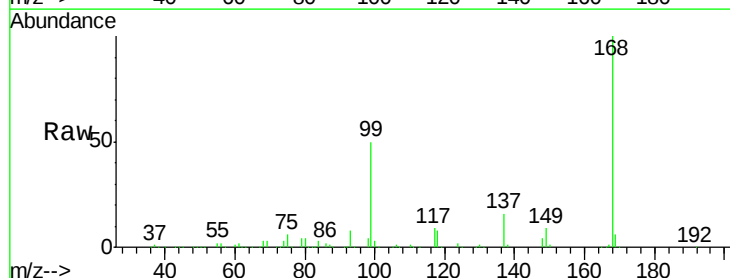
Tgt Ion: 56 Resp: 15445

Ion Ratio Lower Upper

56 100

69 207.4 26.7 40.1#

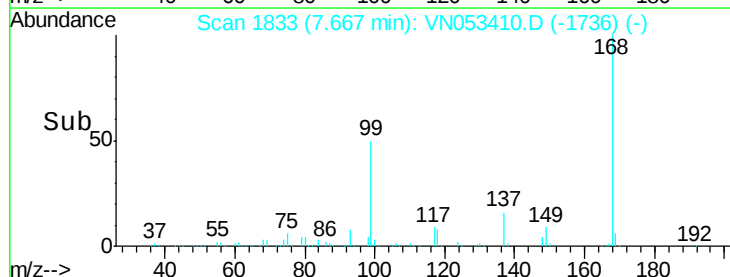
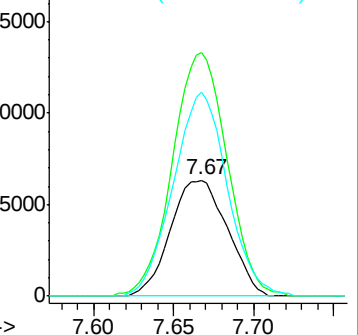
84 176.5 68.2 102.4#

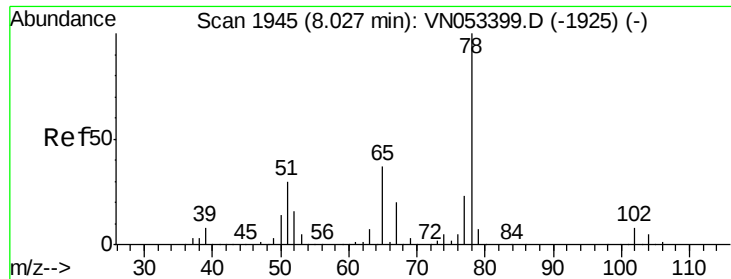


Abundance Ion 56.00 (55.70 to 56.70): VN053399.D (-1806) (-)

Ion 69.00 (68.70 to 69.70): VN053399.D (-1806) (-)

Ion 84.00 (83.70 to 84.70): VN053399.D (-1806) (-)

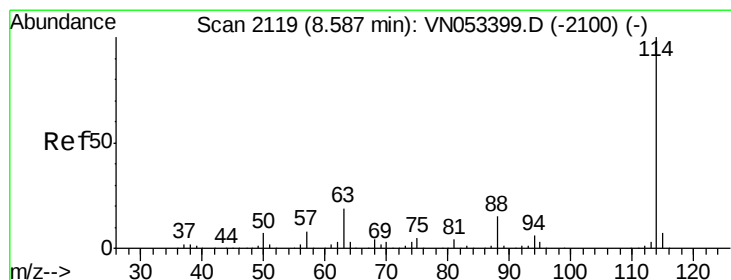
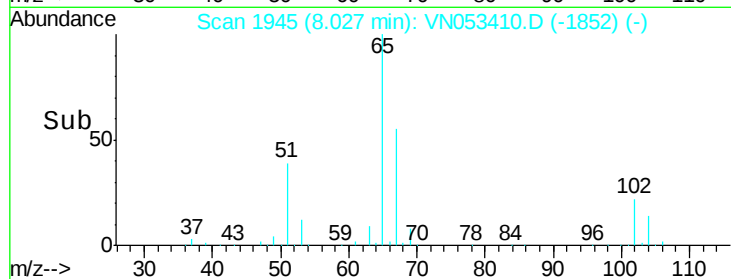
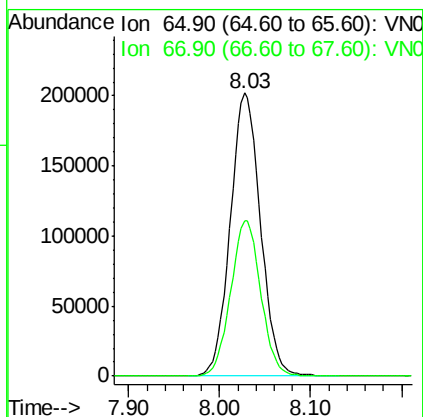
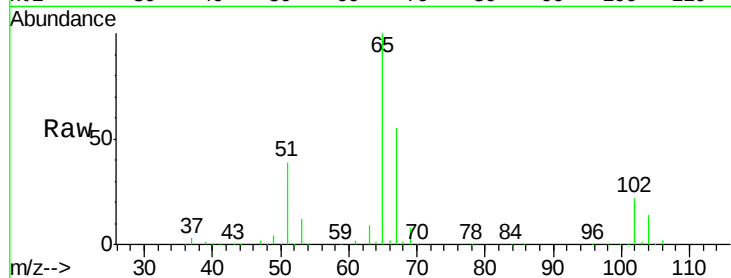




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053410.D
 Acq: 15 Jan 2019 16:14

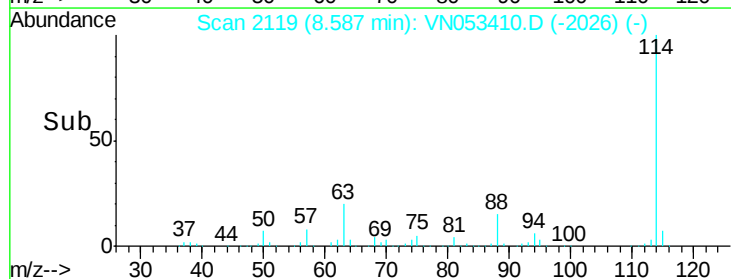
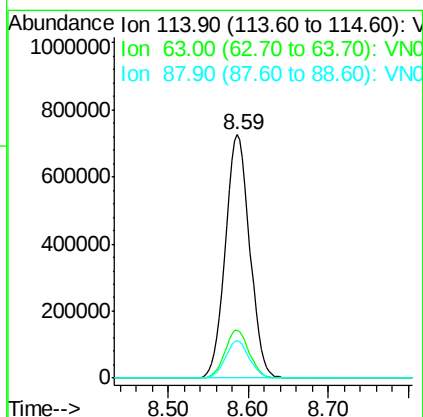
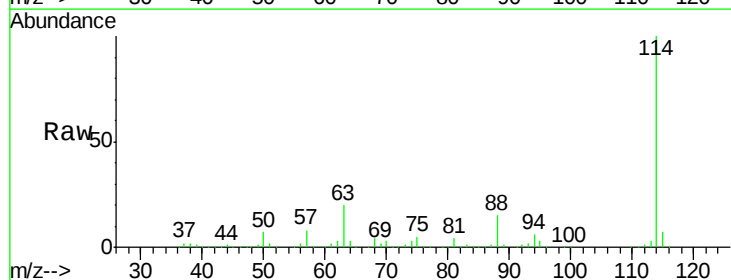
Instrument :
 MSVOA_N
 ClientSampled :
 S-9

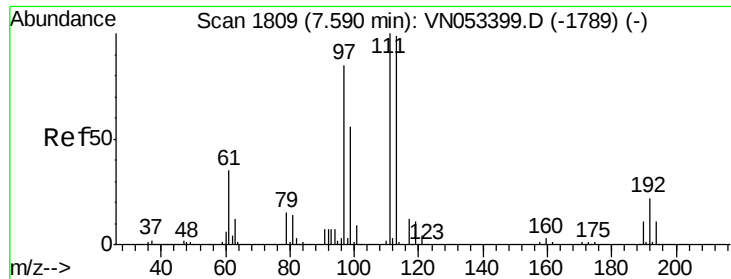
Tot Ion: 65 Resp: 466093
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053410.D
 Acq: 15 Jan 2019 16:14

Tgt Ion: 114 Resp: 1507906
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 15.5 0.0 30.8

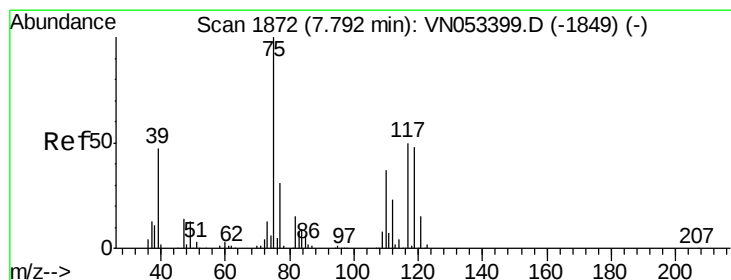
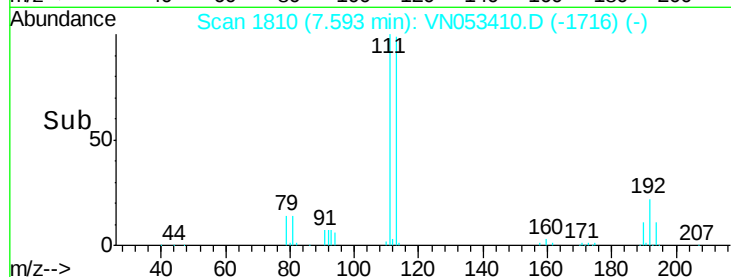
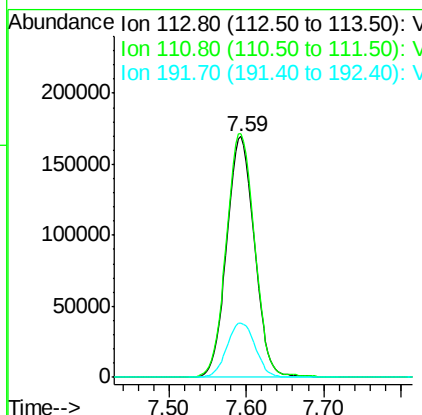
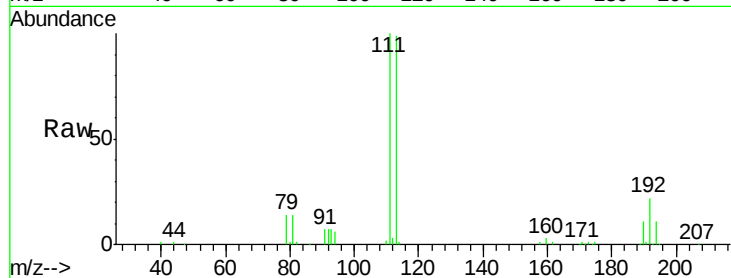




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053410.D
Acq: 15 Jan 2019 16:14

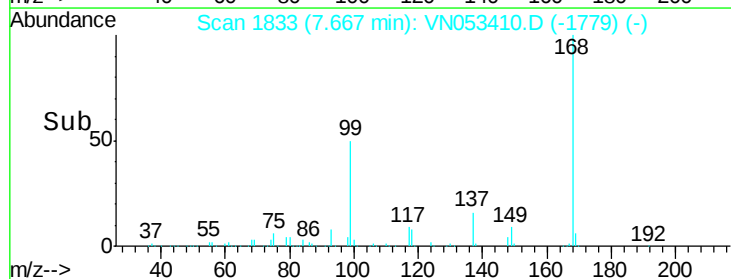
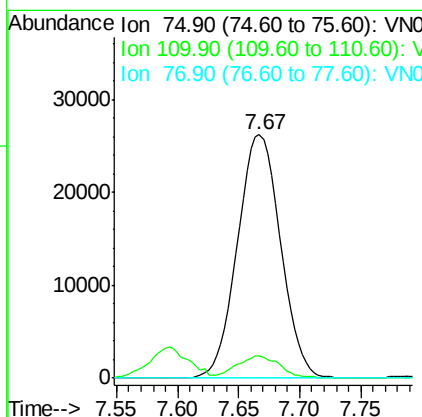
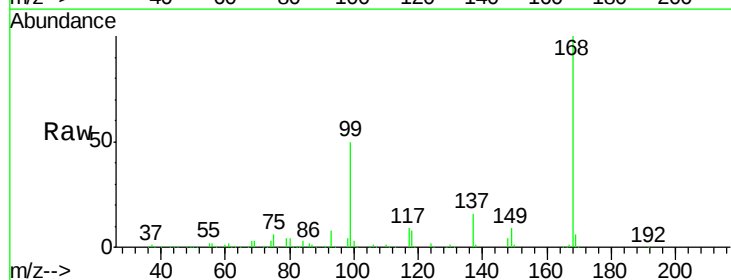
Instrument :
MSVOA_N
ClientSampled :
S-9

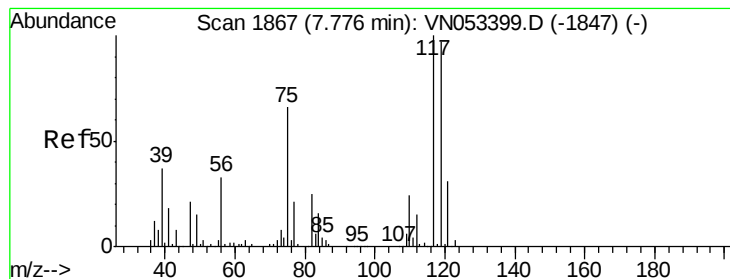
Tot Ion:113 Resp: 420379
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.2
192 23.1 17.9 26.9



#36
1,1-Dichloropropene
Concen: 4.665 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN053410.D
Acq: 15 Jan 2019 16:14

Tgt Ion: 75 Resp: 64066
Ion Ratio Lower Upper
75 100
110 9.1 18.4 55.0#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 6.531 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053410.D

Acq: 15 Jan 2019 16:14

Instrument :

MSVOA_N

ClientSampled :

S-9

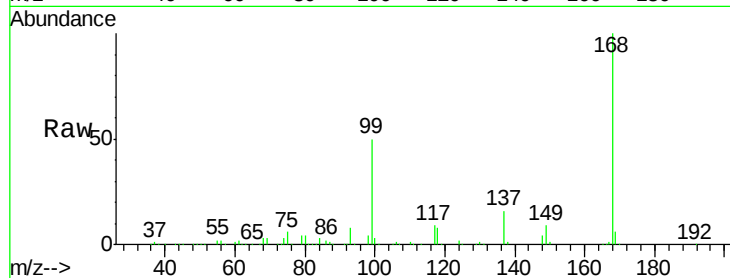
Tot Ion:117 Resp: 84911

Ion Ratio Lower Upper

117 100

119 4.2 76.6 115.0#

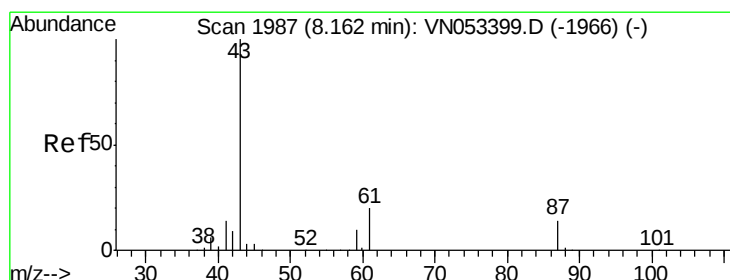
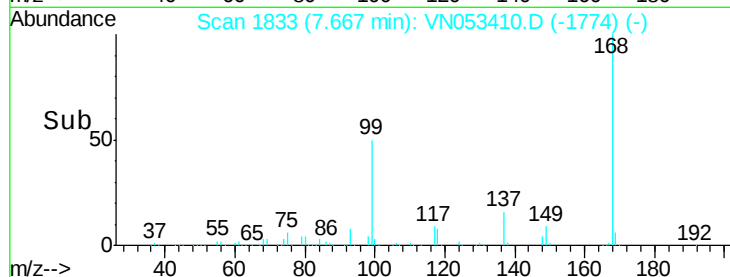
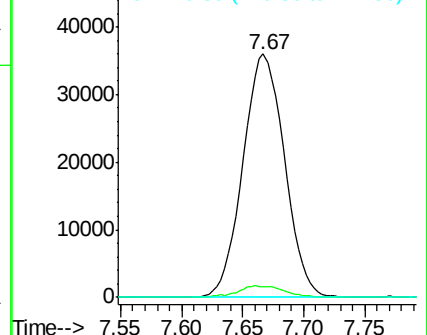
121 0.0 25.0 37.4#



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



#43

Isopropyl Acetate

Concen: 3.442 ug/l

RT: 8.17 min Scan# 1899

Delta R.T. 0.01 min

Lab File: VN053410.D

Acq: 15 Jan 2019 16:14

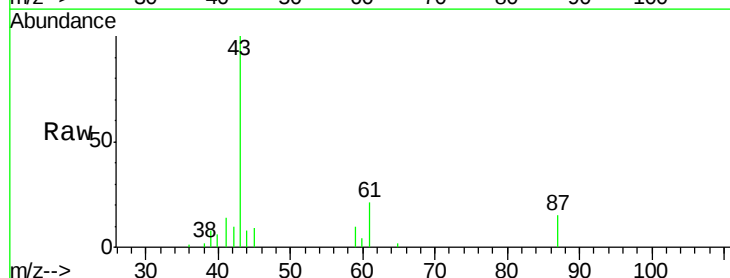
Tgt Ion: 43 Resp: 51059

Ion Ratio Lower Upper

43 100

61 17.3 23.3 34.9#

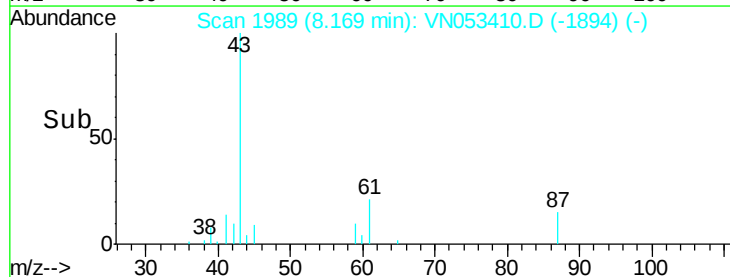
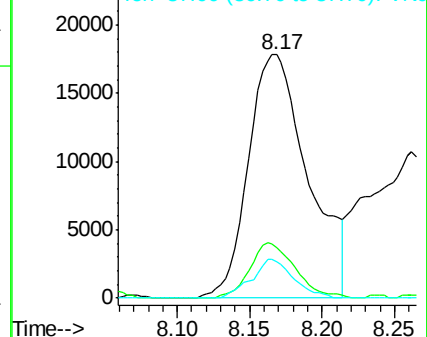
87 11.2 10.8 16.2

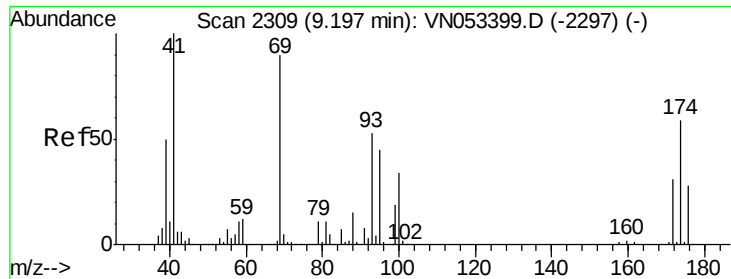


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

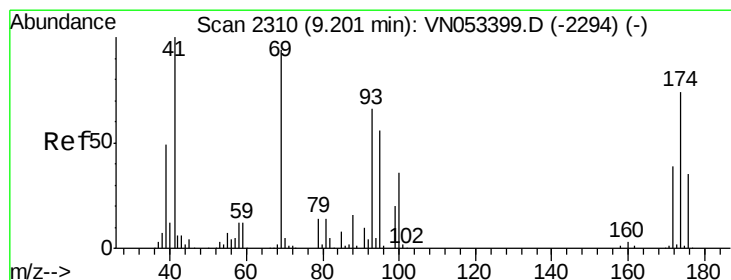
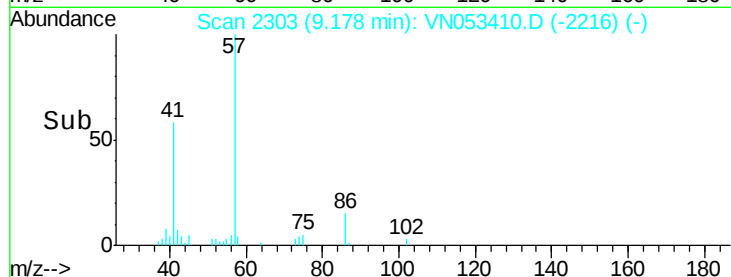
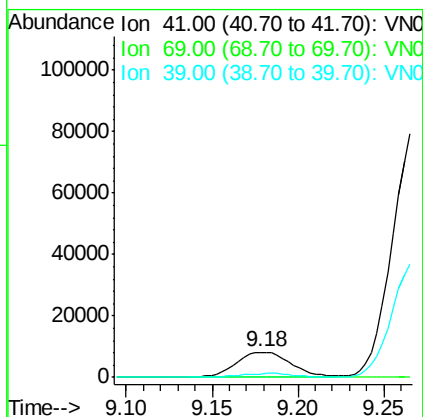
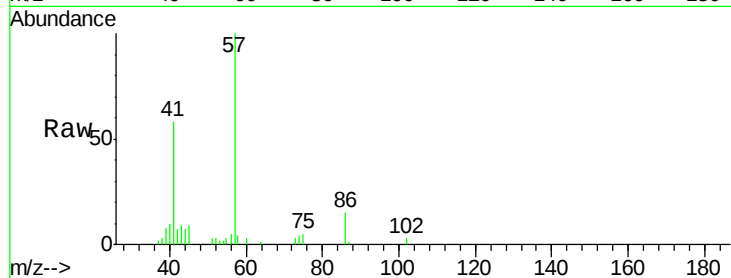




#48
Methyl methacrylate
Concen: 2.376 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN053410.D
Acq: 15 Jan 2019 16:14

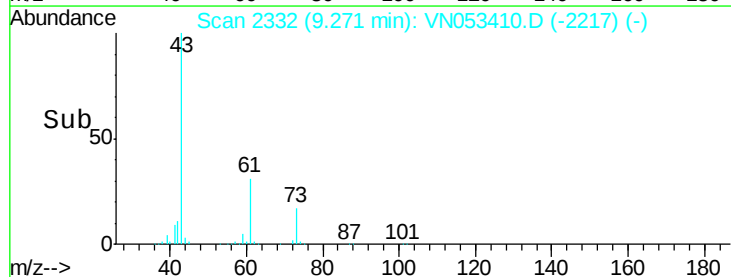
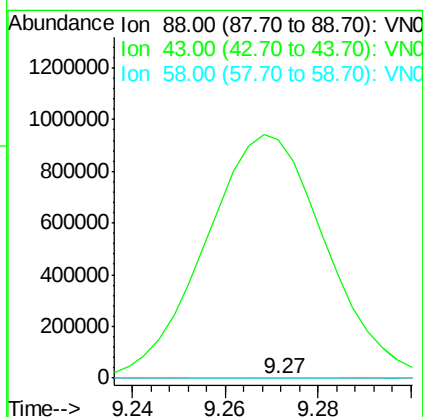
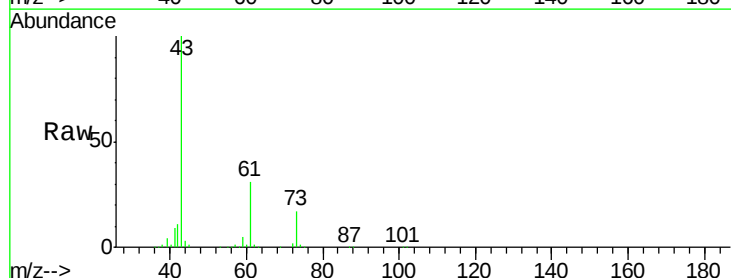
Instrument :
MSVOA_N
ClientSampled :
S-9

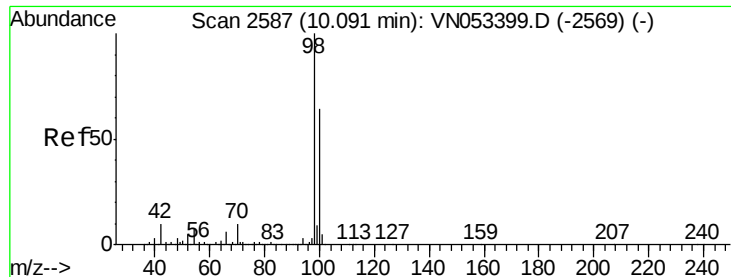
Tot Ion: 41 Resp: 17429
Ion Ratio Lower Upper
41 100
69 0.0 73.5 110.3#
39 16.1 41.6 62.4#



#49
1,4-Dioxane
Concen: 3.671 ug/l
RT: 9.27 min Scan# 2332
Delta R.T. 0.07 min
Lab File: VN053410.D
Acq: 15 Jan 2019 16:14

Tgt Ion: 88 Resp: 263
Ion Ratio Lower Upper
88 100
43 654785.9 26.2 39.4#
58 2942.6 55.5 83.3#





#50

Toluene-d8

Concen: 3.671 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053410.D

Acq: 15 Jan 2019 16:14

Instrument :

MSVOA_N

ClientSampled :

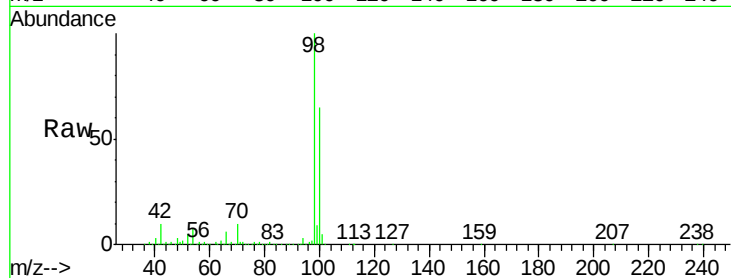
S-9

Tot Ion: 98 Resp: 1861751

Ion Ratio Lower Upper

98 100

100 64.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

1200000

1000000

800000

600000

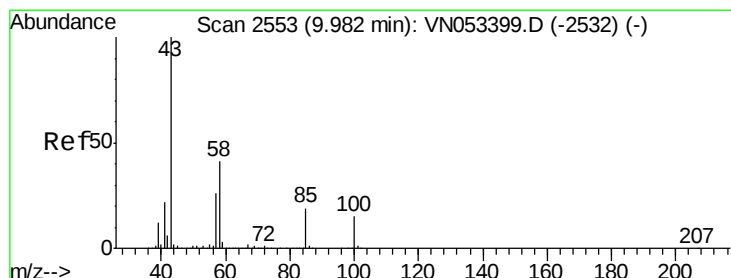
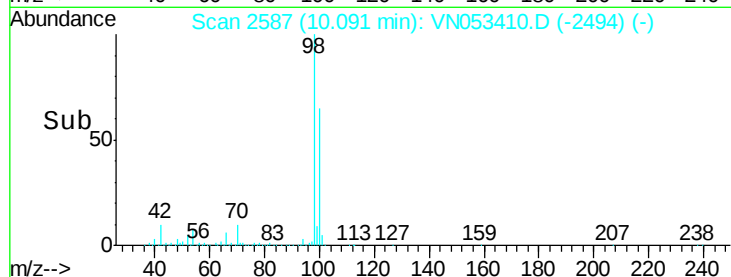
400000

200000

0

10.09

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.751 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053410.D

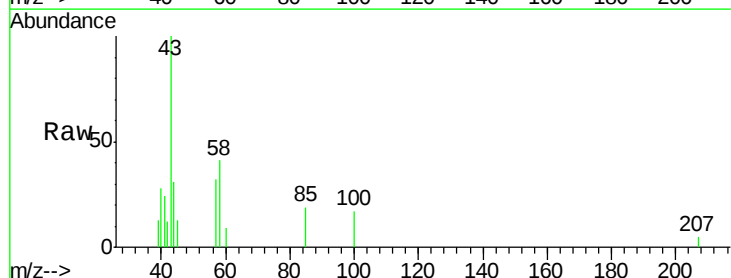
Acq: 15 Jan 2019 16:14

Tgt Ion: 43 Resp: 5824

Ion Ratio Lower Upper

43 100

58 49.1 32.7 49.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

8000

6000

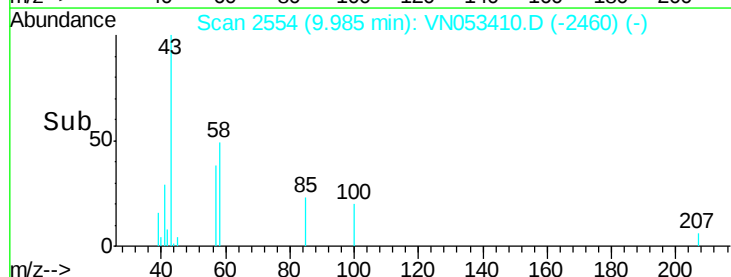
4000

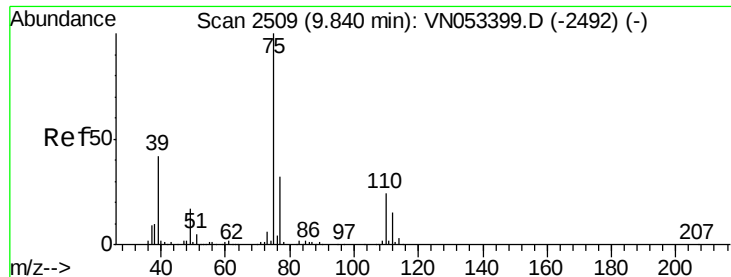
2000

0

9.99

Time-->





#54

cis-1,3-Dichloropropene

Concen: 5.786 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN053410.D

Acq: 15 Jan 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

S-9

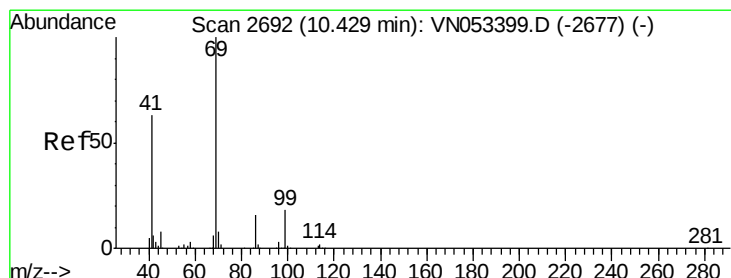
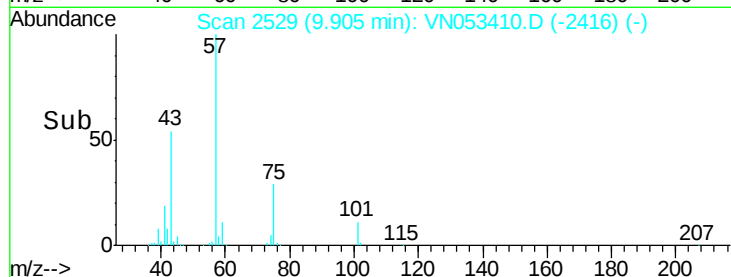
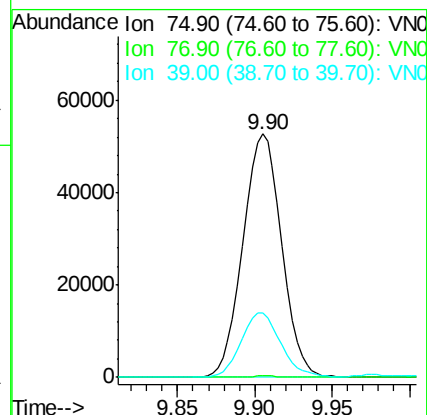
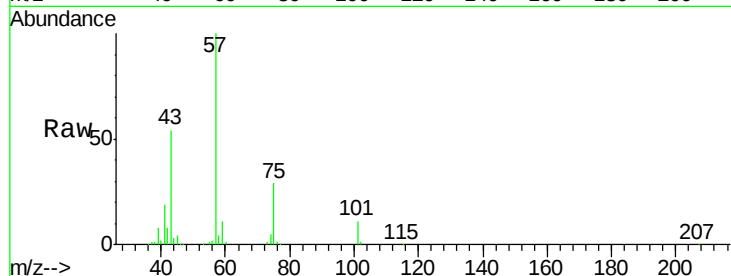
Tot Ion: 75 Resp: 91814

Ion Ratio Lower Upper

75 100

77 0.6 25.1 37.7#

39 26.4 33.1 49.7#



#56

Ethyl methacrylate

Concen: 2.142 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.11 min

Lab File: VN053410.D

Acq: 15 Jan 2019 16:14

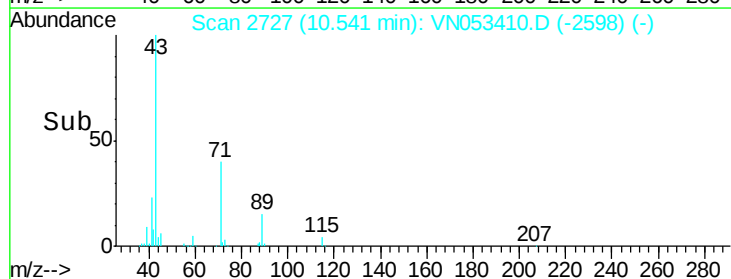
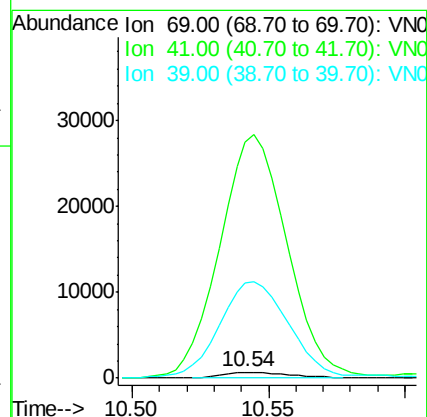
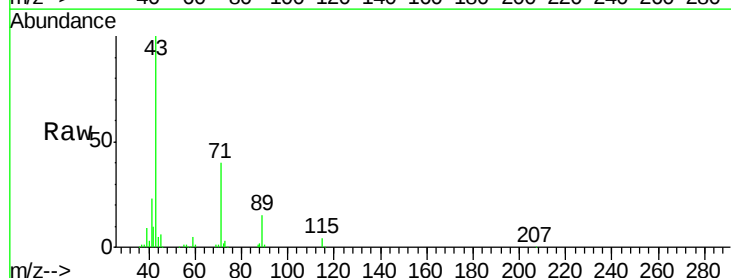
Tgt Ion: 69 Resp: 1110

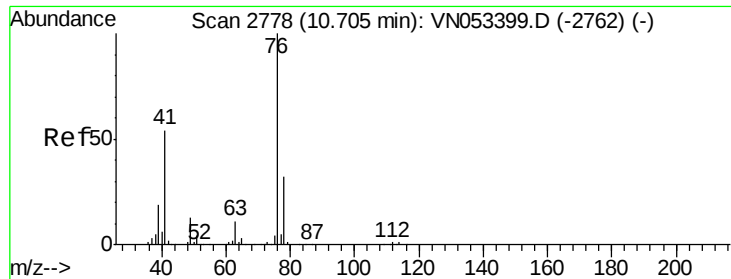
Ion Ratio Lower Upper

69 100

41 4391.4 49.2 73.8#

39 1823.2 23.4 35.0#

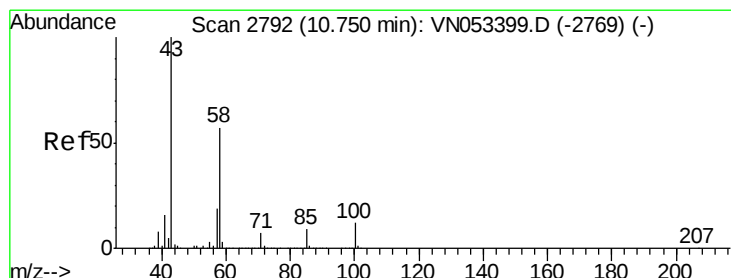
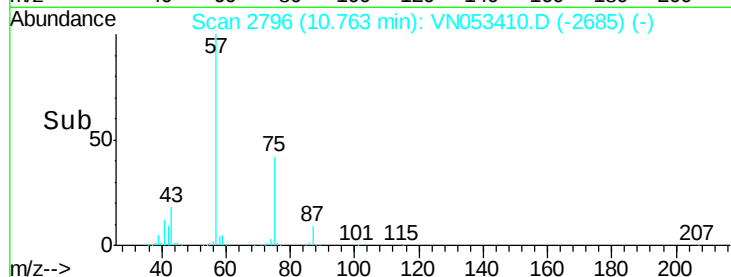
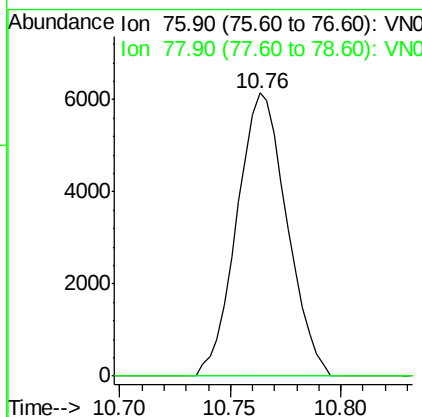
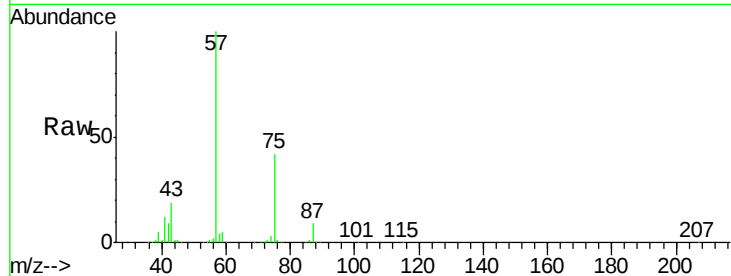




#57
 1,3-Dichloropropane
 Concen: 0.624 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN053410.D
 Acq: 15 Jan 2019 16:14

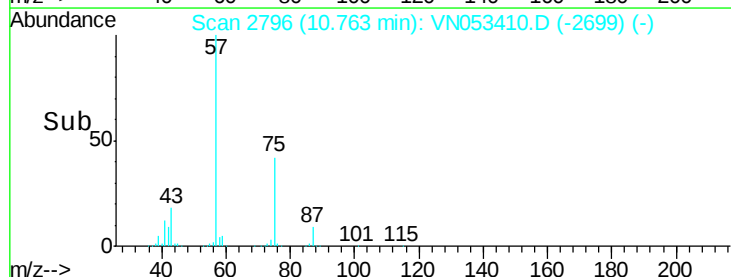
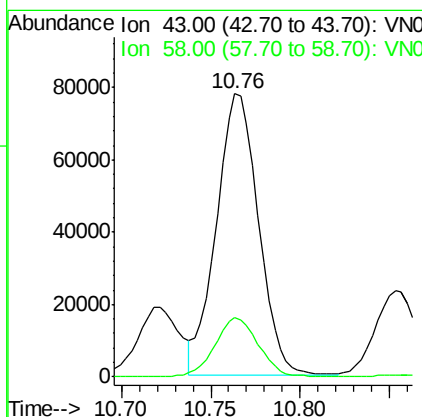
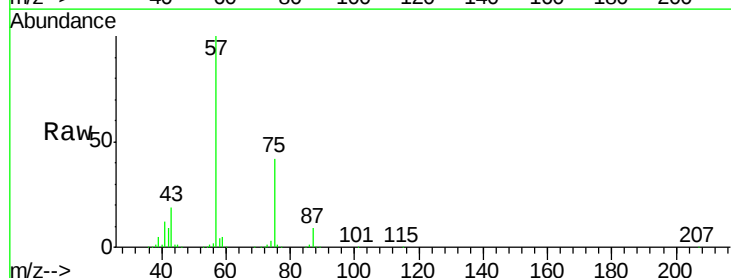
Instrument :
 MSVOA_N
 ClientSampled :
 S-9

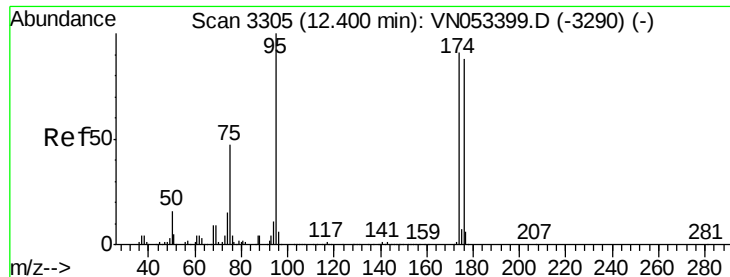
Tot Ion: 76 Resp: 9637
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.8#



#59
 2-Hexanone
 Concen: 23.396 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN053410.D
 Acq: 15 Jan 2019 16:14

Tgt Ion: 43 Resp: 127370
 Ion Ratio Lower Upper
 43 100
 58 21.7 28.3 85.0#





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053410.D

Acq: 15 Jan 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

S-9

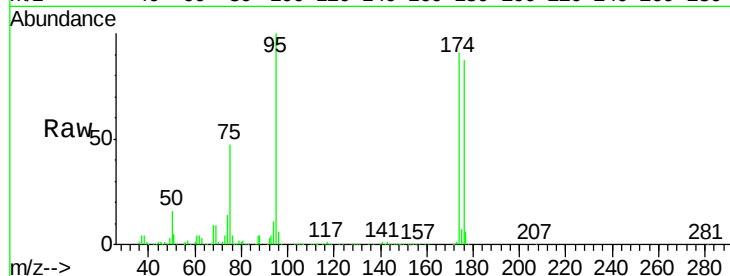
Tot Ion: 95 Resp: 619197

Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.4

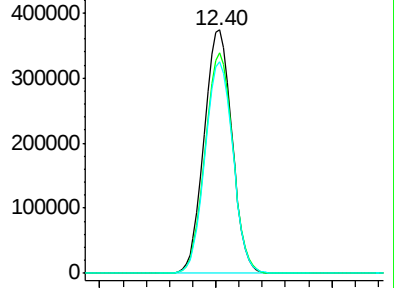
176 87.1 0.0 175.6



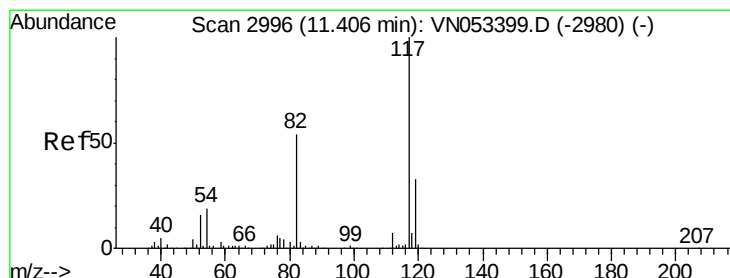
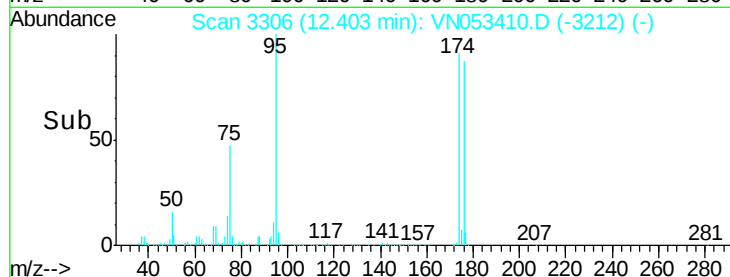
Abundance Ion 94.90 (94.60 to 95.60): VN053399.D (-3290) (-)

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: VN053410.D

Acq: 15 Jan 2019 16:14

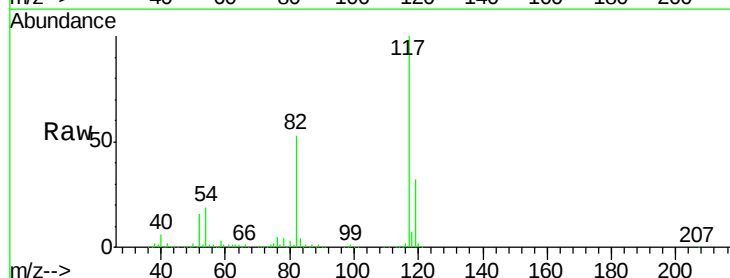
Tgt Ion: 117 Resp: 1370282

Ion Ratio Lower Upper

117 100

82 53.0 42.9 64.3

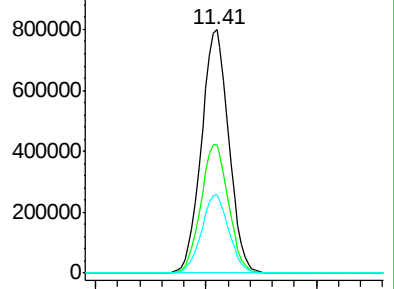
119 32.1 25.6 38.4



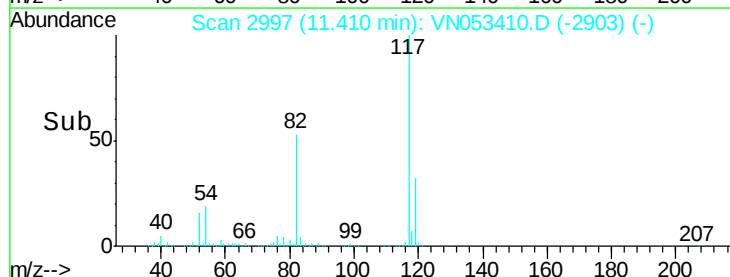
Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

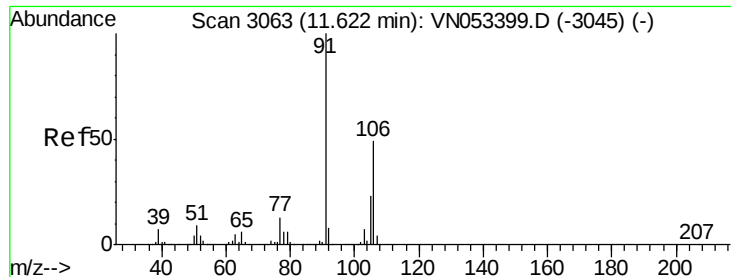
Ion 82.00 (81.70 to 82.70): VN053399.D (-2980) (-)

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



Time--> 11.30 11.40 11.50





#68

m/p-Xvlenes

Concen: 0.330 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.01 min

Lab File: VN053410.D

Acq: 15 Jan 2019 16:14

Instrument :

MSVOA_N

ClientSampled :

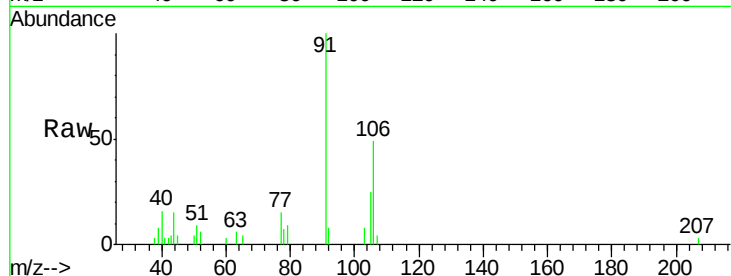
S-9

Tot Ion:106 Resp: 6164

Ion Ratio Lower Upper

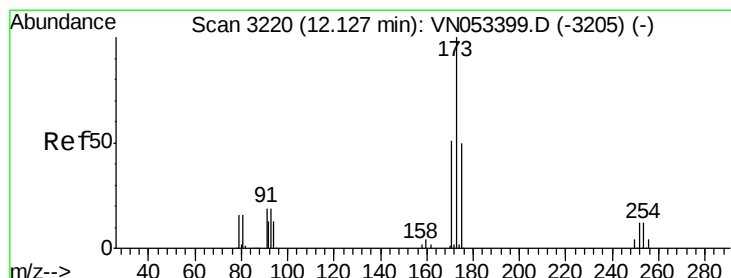
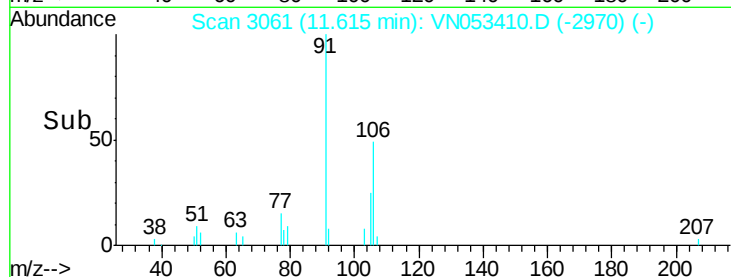
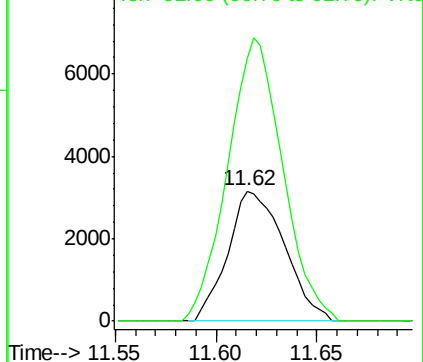
106 100

91 212.2 161.4 242.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#71

Bromoform

Concen: 0.570 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053410.D

Acq: 15 Jan 2019 16:14

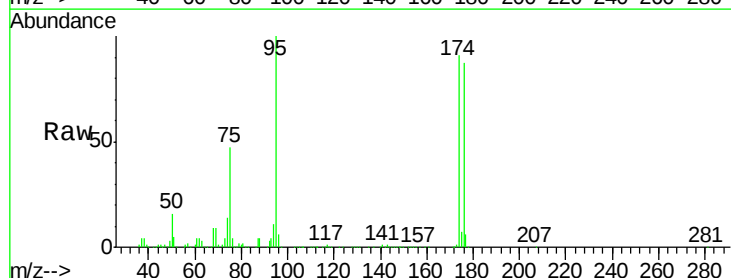
Tgt Ion:173 Resp: 3957

Ion Ratio Lower Upper

173 100

175 884.4 24.3 72.8#

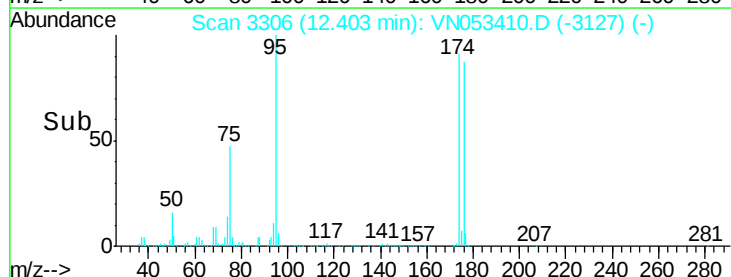
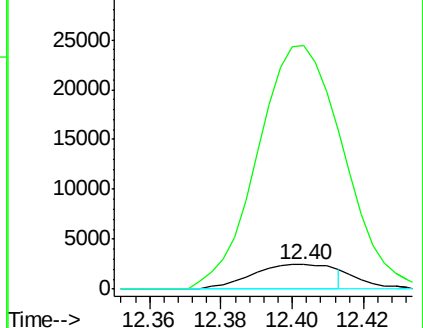
254 0.0 0.2 0.2#

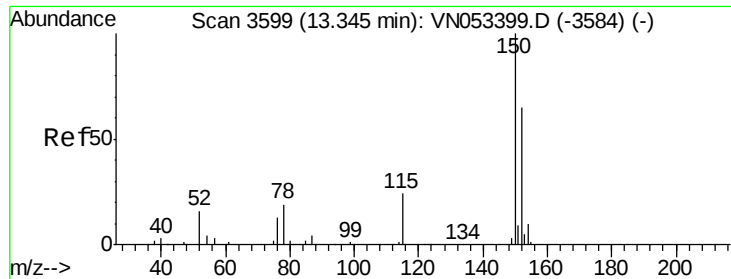


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN053410.D

Acq: 15 Jan 2019 16:14

Instrument :

MSVOA_N

ClientSampled :

S-9

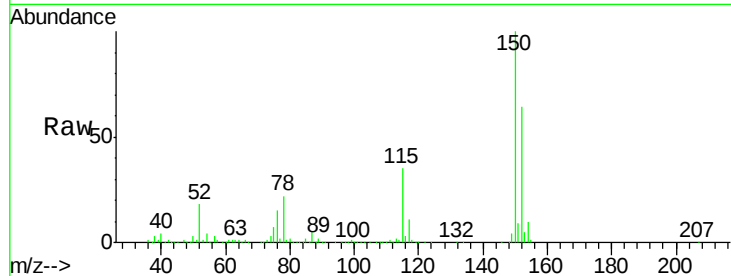
Tot Ion:152 Resp: 579494

Ion Ratio Lower Upper

152 100

115 55.5 28.0 84.0

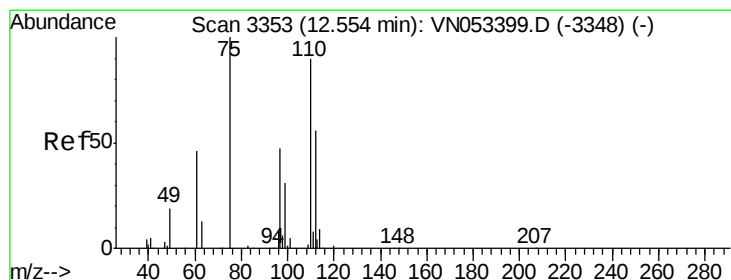
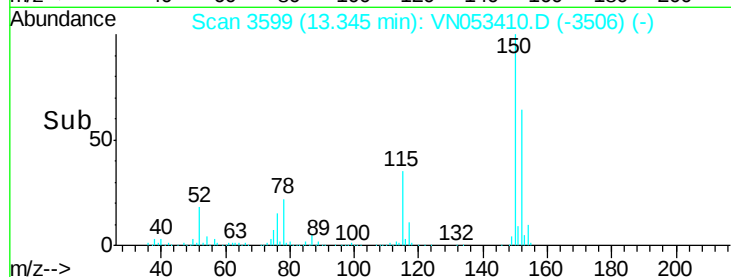
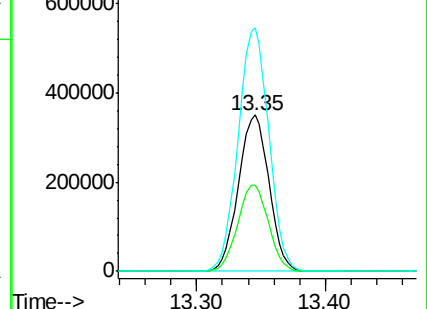
150 155.7 0.0 346.6



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: 39.639 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN053410.D

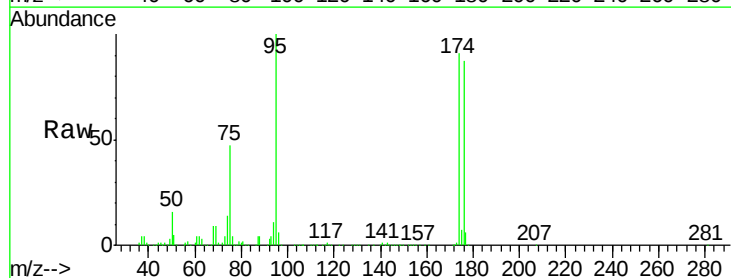
Acq: 15 Jan 2019 16:14

Tgt Ion: 75 Resp: 289210

Ion Ratio Lower Upper

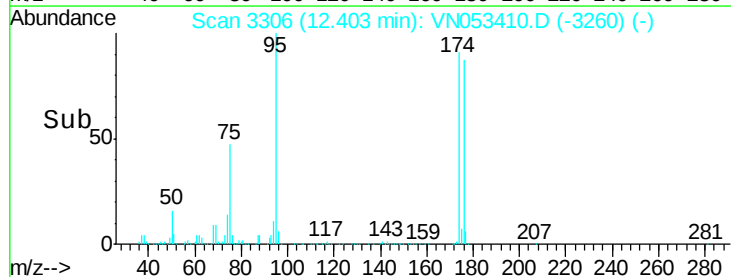
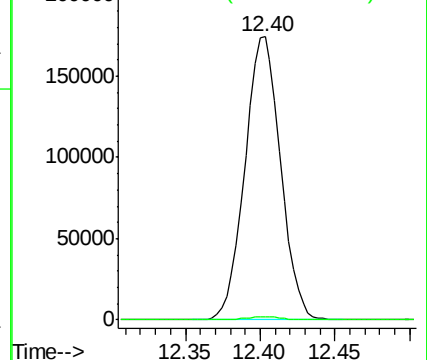
75 100

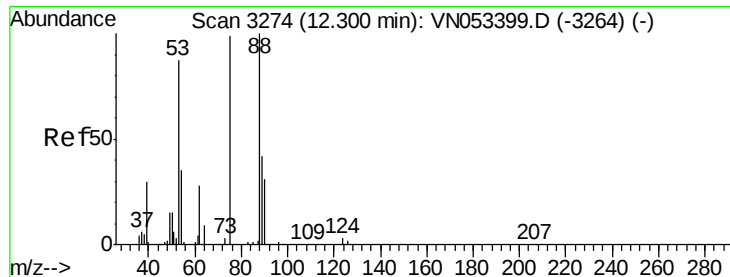
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 93.521 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN053410.D

Acq: 15 Jan 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

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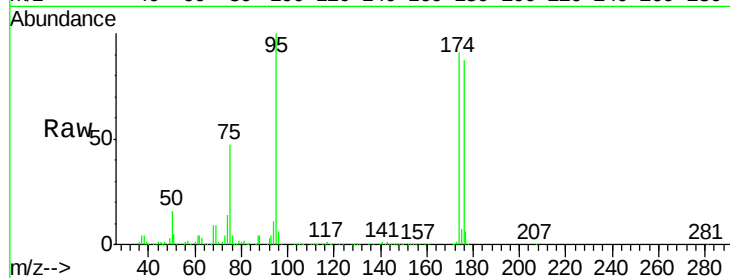
Tot Ion: 75 Resp: 289210

Ion Ratio Lower Upper

75 100

53 0.0 70.5 105.7#

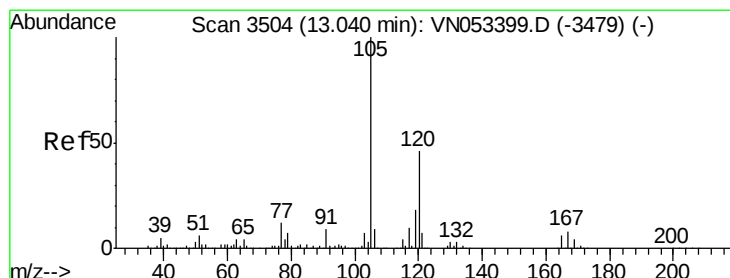
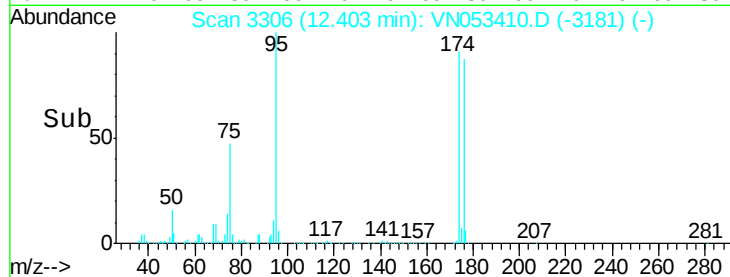
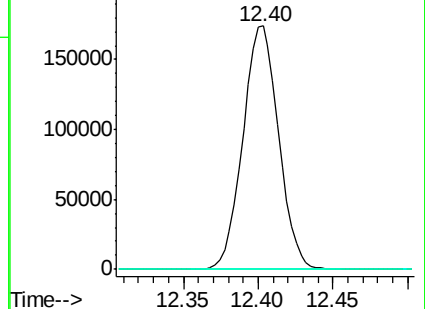
89 0.0 35.4 53.0#



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: 0.447 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053410.D

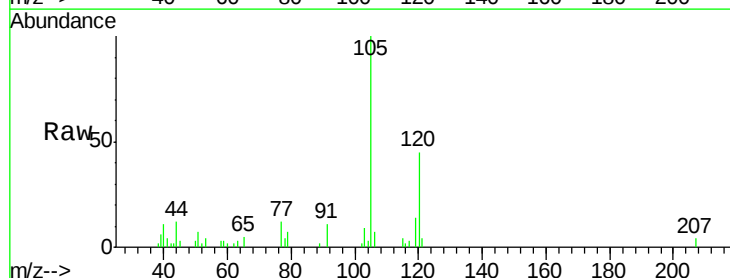
Acq: 15 Jan 2019 16:14

Tgt Ion: 105 Resp: 15548

Ion Ratio Lower Upper

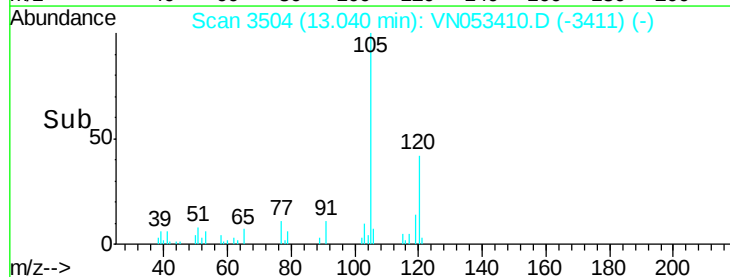
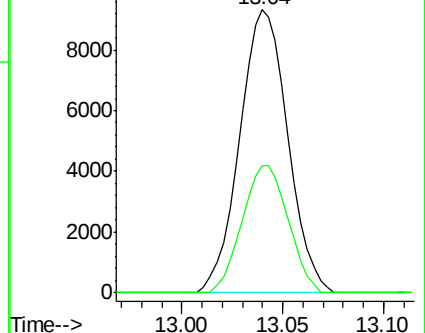
105 100

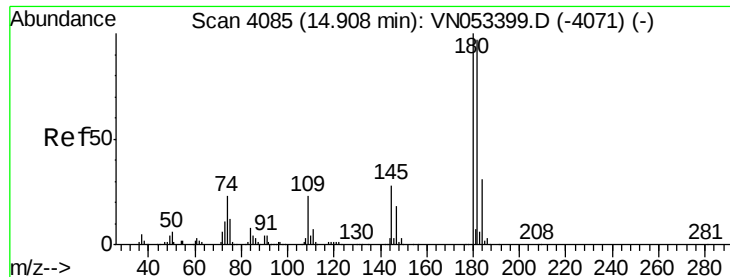
120 43.0 23.0 69.0



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

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

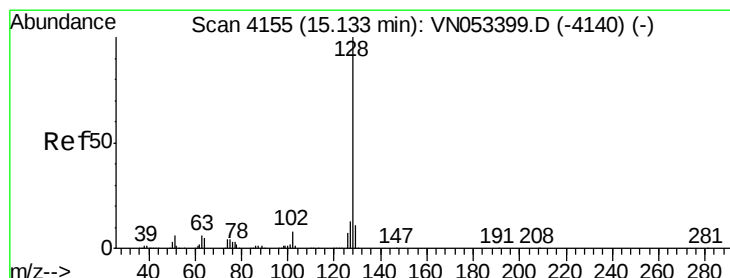
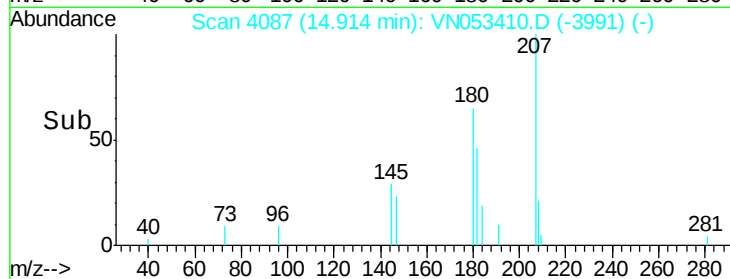
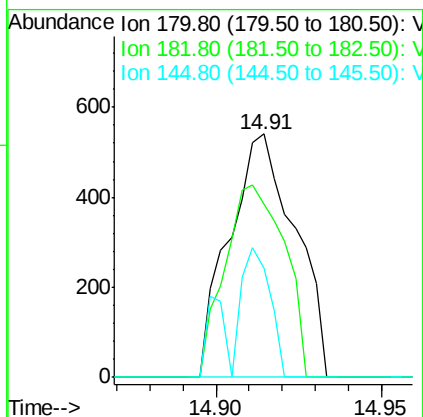
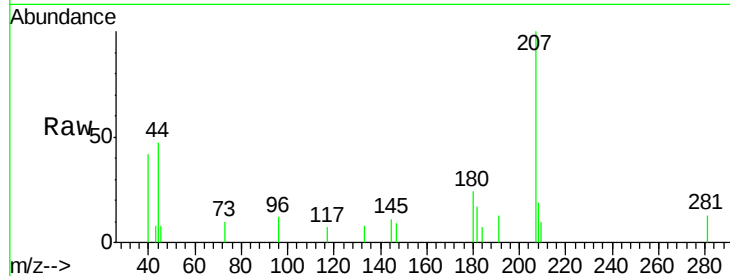




#93
 1,2,4-Trichlorobenzene
 Concen: 2.855 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.01 min
 Lab File: VN053410.D
 Acq: 15 Jan 2019 16:14

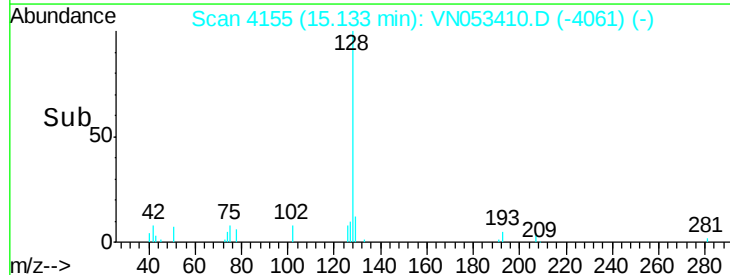
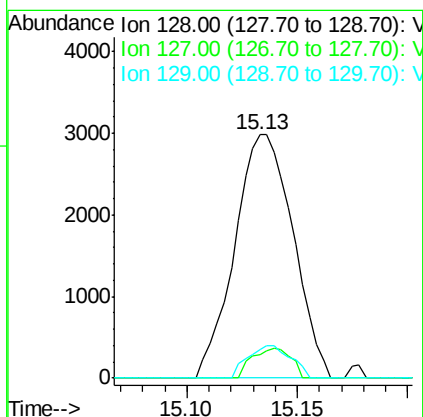
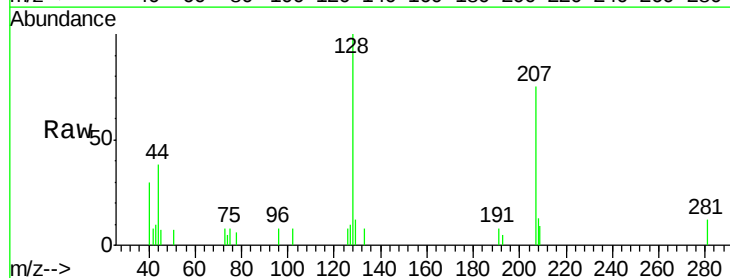
Instrument :
 MSVOA_N
 ClientSampled :
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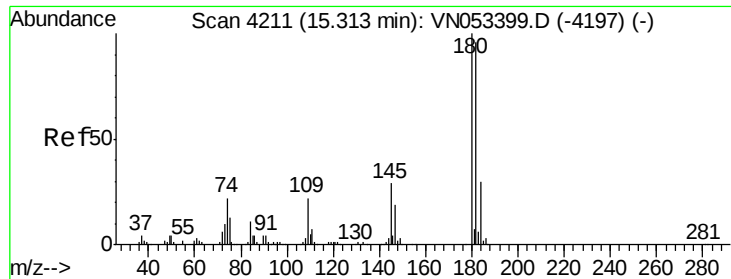
Tot Ion:180 Resp: 749
 Ion Ratio Lower Upper
 180 100
 182 71.2 47.8 143.4
 145 23.4 14.4 43.0



#95
 Naphthalene
 Concen: 4.297 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053410.D
 Acq: 15 Jan 2019 16:14

Tgt Ion:128 Resp: 5450
 Ion Ratio Lower Upper
 128 100
 127 8.1 10.4 15.6#
 129 9.9 8.7 13.1

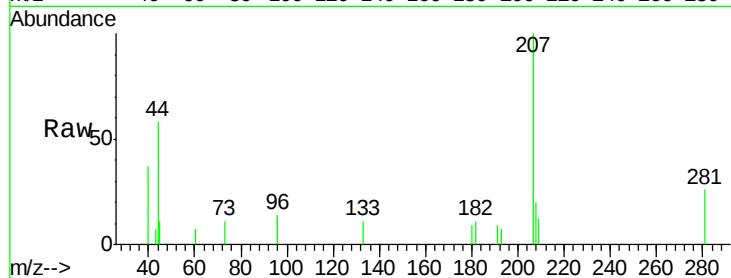




#96
 1,2,3-Trichlorobenzene
 Concen: 3.941 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. -0.00 min
 Lab File: VN053410.D
 Acq: 15 Jan 2019 16:14

Instrument :
 MSVOA_N
 ClientSampleId :
 S-9

Tot Ion	Ratio	Lower	Upper
180	100		
182	168.2	48.4	145.0#
145	40.3	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

