

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\
 Data File : VN053483.D
 Acq On : 18 Jan 2019 20:11
 Operator : JC/SP
 Sample : K1189-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 RT3422

Quant Time: Jan 19 00:25:16 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	883959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1378437	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1324708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	571768	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	444982	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	
35) Dibromofluoromethane	7.59	113	400485	50.91	ug/l	0.00
Spiked Amount			Recovery	=	101.82%	
50) Toluene-d8	10.09	98	1730270	52.01	ug/l	0.00
Spiked Amount			Recovery	=	104.02%	
62) 4-Bromofluorobenzene	12.40	95	597517	51.22	ug/l	0.00
Spiked Amount			Recovery	=	102.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.42	74	3360	0.698	ug/l	82
11) Tert butyl alcohol	4.77	59	106	0.248	ug/l #	72
13) Acrolein	3.61	56	484	23.265	ug/l #	75
16) Acetone	3.82	43	11024	5.378	ug/l #	84
17) Carbon Disulfide	4.06	76	10505	0.441	ug/l #	93
18) Methyl Acetate	4.33	43	1574	0.228	ug/l #	73
20) Methylene Chloride	4.56	84	92030	9.834	ug/l	98
25) 2-Butanone	6.84	43	1033	0.327	ug/l #	47
29) Tetrahydrofuran	7.21	42	941	0.458	ug/l	98
31) Cyclohexane	7.66	56	15309	0.777	ug/l #	1
38) Carbon Tetrachloride	7.67	117	76587	6.444	ug/l #	16
41) Methacrylonitrile	7.20	41	411	0.762	ug/l #	20
43) Isopropyl Acetate	8.17	43	41202	3.173	ug/l #	84
45) 1,2-Dichloropropane	9.27	63	2613	0.259	ug/l #	43
48) Methyl methacrylate	9.18	41	13736	2.048	ug/l #	12
49) 1,4-Dioxane	9.27	88	318	4.856	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	6746	0.952	ug/l	94
54) cis-1,3-Dichloropropene	9.90	75	96109	6.625	ug/l #	62
56) Ethyl methacrylate	10.43	69	362	2.088	ug/l #	28
57) 1,3-Dichloropropane	10.76	76	21233	1.503	ug/l #	43
59) 2-Hexanone	10.76	43	268003	53.852	ug/l #	51
68) m/p-Xylenes	11.63	106	4702	0.261	ug/l	100
76) 1,2,3-Trichloropropane	12.40	75	280757	37.261	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	13280	0.390	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	280757	92.055	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	9990	0.291	ug/l	95
86) p-Isopropyltoluene	13.29	119	7473	0.209	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	4917	0.253	ug/l	97
88) 1,4-Dichlorobenzene	13.28	146	4917	0.253	ug/l	96
89) n-Butylbenzene	13.62	91	9968	0.326	ug/l	93
91) 1,2-Dichlorobenzene	13.66	146	4098	0.230	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.27	75	337	0.303	ug/l	86
93) 1,2,4-Trichlorobenzene	14.91	180	10715	4.051	ug/l	97
94) Hexachlorobutadiene	15.01	225	3644	0.654	ug/l	93

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Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 2019
Response via : Initial Calibration

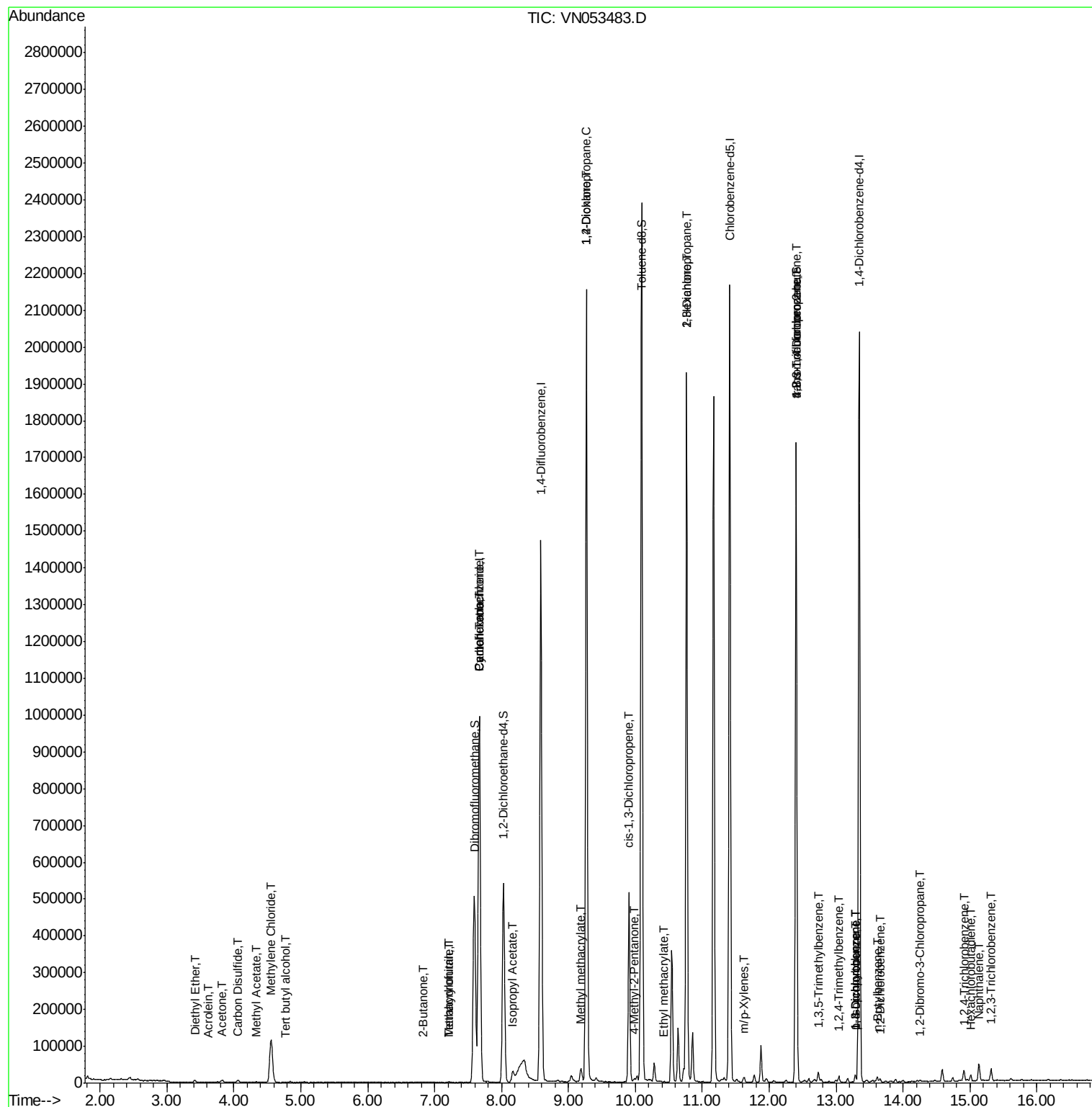
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.13	128	42421	6.766	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	11849	5.799	ug/l	95

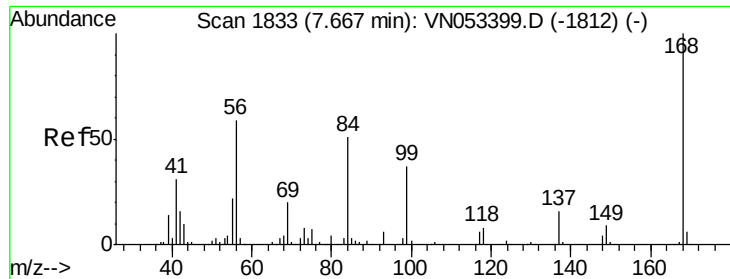
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN011819\
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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: VN053483.D

Acq: 18 Jan 2019 20:11

Instrument :

MSVOA_N

ClientSampled :

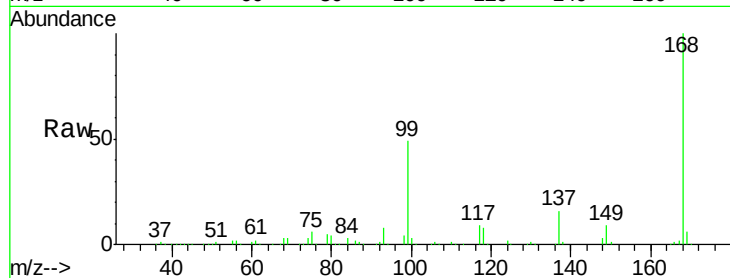
RT3422

Tot Ion:168 Resp: 883959

Ion Ratio Lower Upper

168 100

99 49.1 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

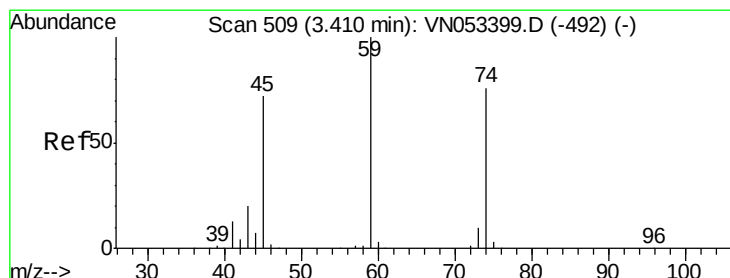
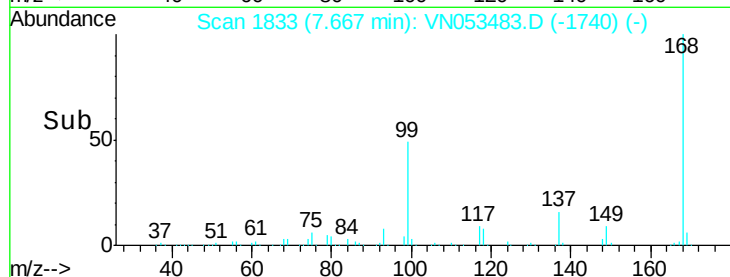
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 0.698 ug/l

RT: 3.42 min Scan# 512

Delta R.T. 0.01 min

Lab File: VN053483.D

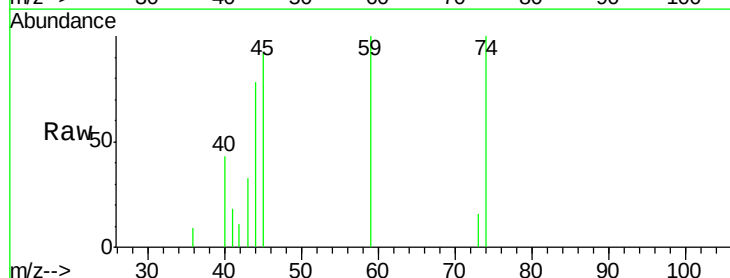
Acq: 18 Jan 2019 20:11

Tgt Ion: 74 Resp: 3360

Ion Ratio Lower Upper

74 100

45 113.3 47.9 143.7



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

3.42

2000

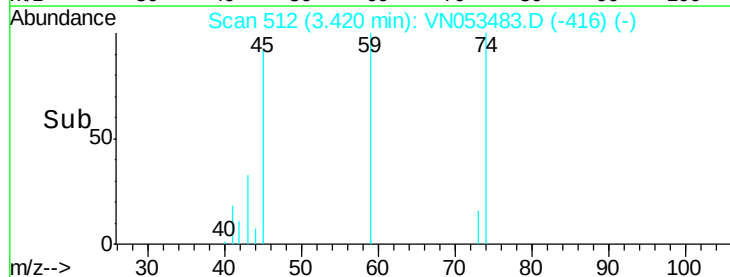
1500

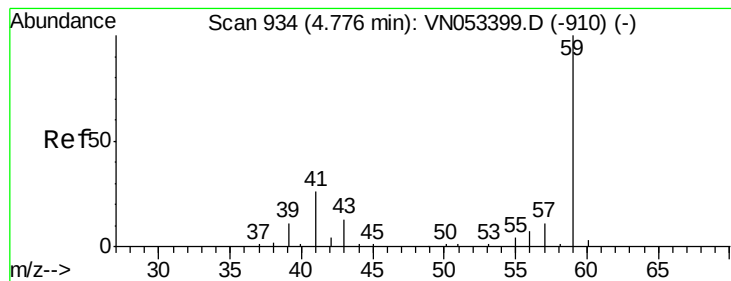
1000

500

0

Time-->



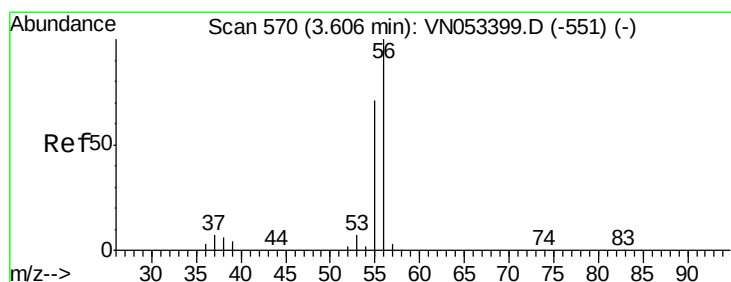
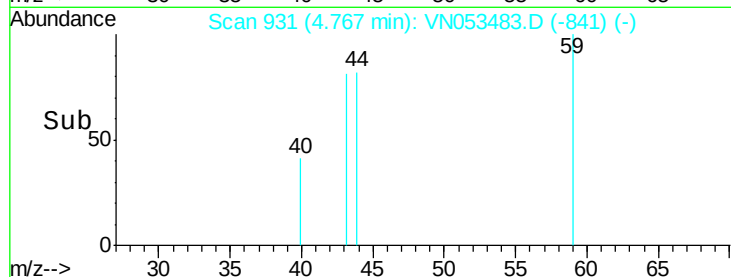
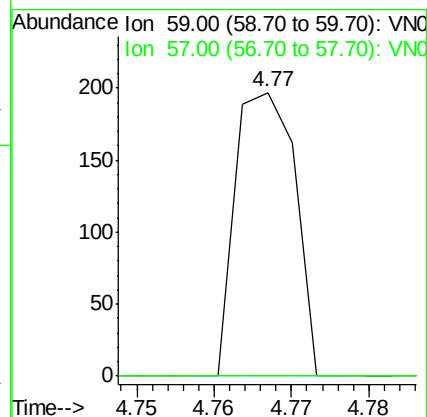
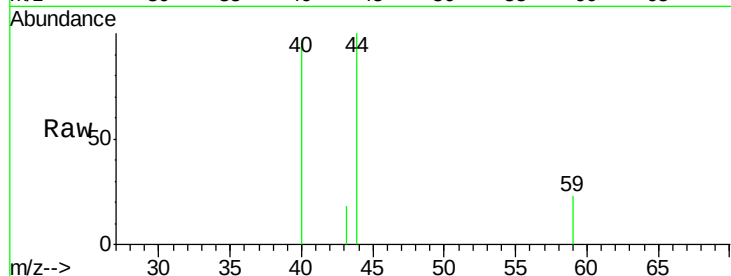


#11

Tert butyl alcohol
 Concen: 0.248 ug/l
 RT: 4.77 min Scan# 931
 Delta R.T. -0.01 min
 Lab File: VN053483.D
 Acq: 18 Jan 2019 20:11

Instrument :
 MSVOA_N
 ClientSampled :
 RT3422

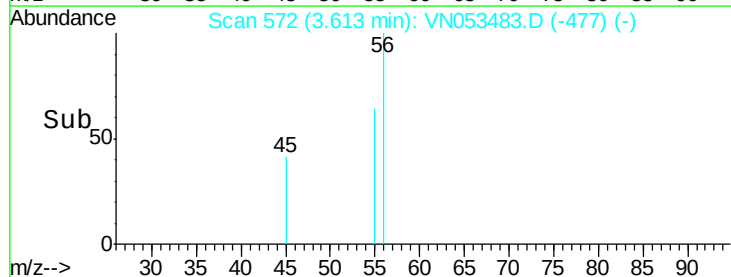
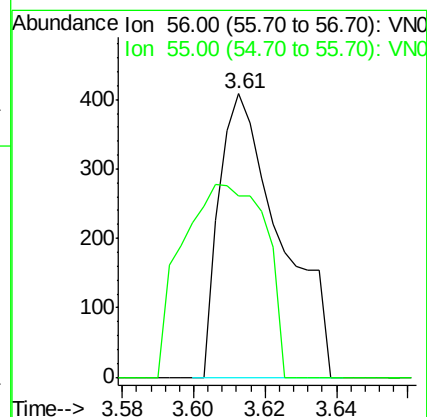
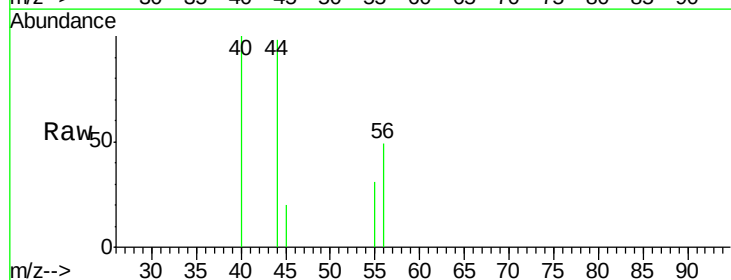
Tot Ion: 59 Resp: 106
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#

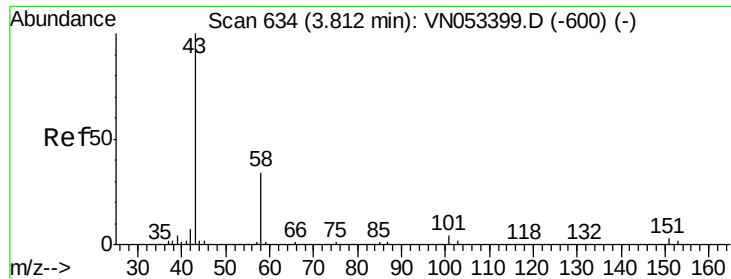


#13

Acrolein
 Concen: 23.265 ug/l
 RT: 3.61 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: VN053483.D
 Acq: 18 Jan 2019 20:11

Tgt Ion: 56 Resp: 484
 Ion Ratio Lower Upper
 56 100
 55 92.6 57.4 86.0#





#16

Acetone

Concen: 5.378 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053483.D

Acq: 18 Jan 2019 20:11

Instrument :

MSVOA_N

ClientSampleId :

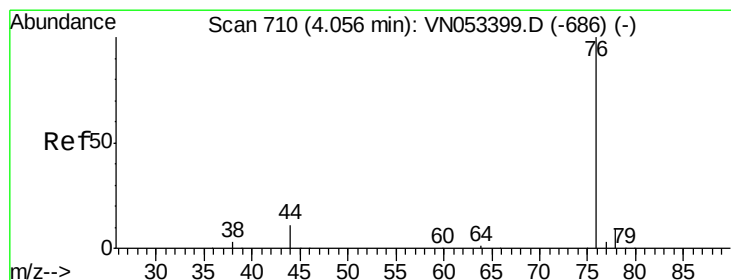
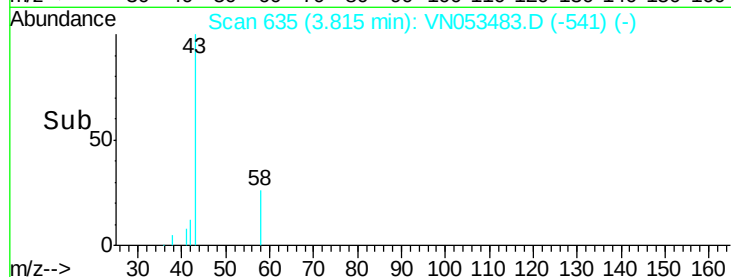
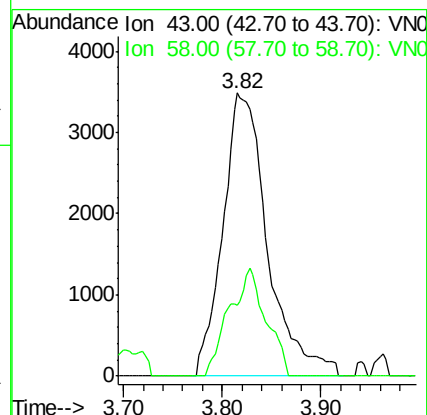
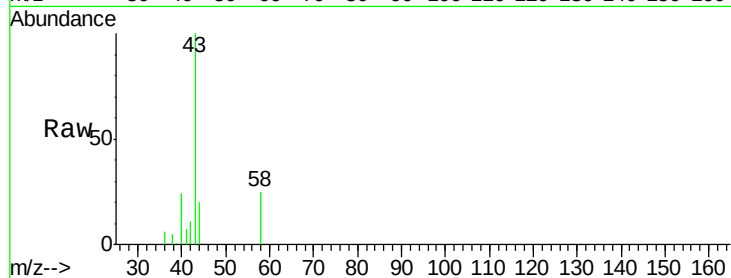
RT3422

Tot Ion: 43 Resp: 11024

Ion Ratio Lower Upper

43 100

58 24.9 27.1 40.7#



#17

Carbon Disulfide

Concen: 0.441 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN053483.D

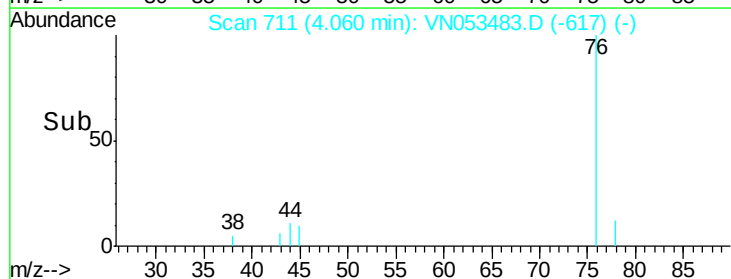
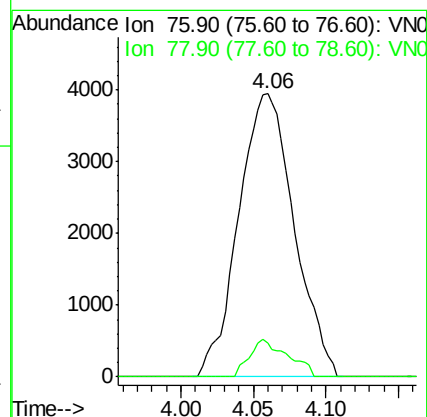
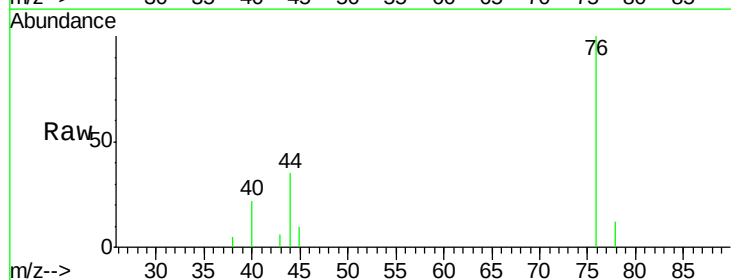
Acq: 18 Jan 2019 20:11

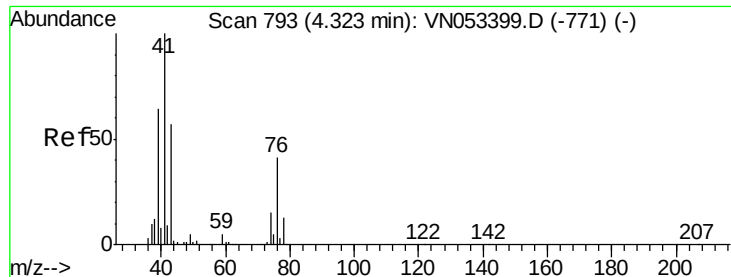
Tgt Ion: 76 Resp: 10505

Ion Ratio Lower Upper

76 100

78 11.8 7.3 10.9#

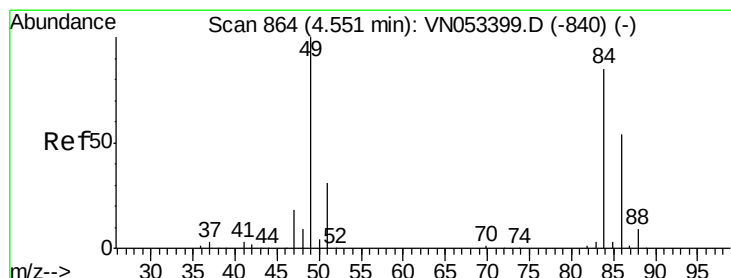
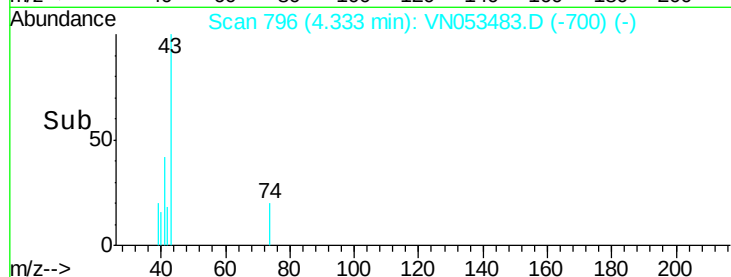
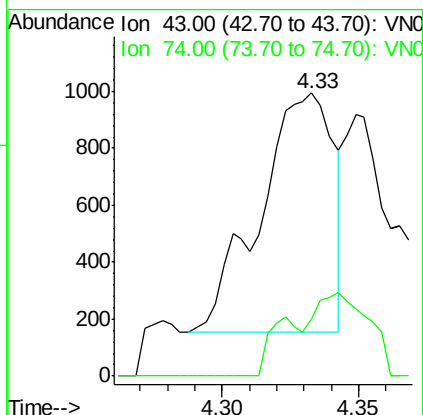
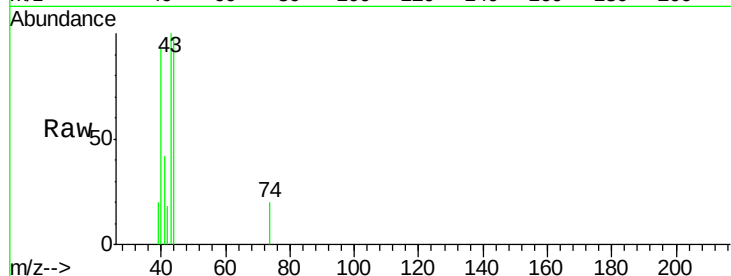




#18
Methyl Acetate
Concen: 0.228 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN053483.D
Acq: 18 Jan 2019 20:11

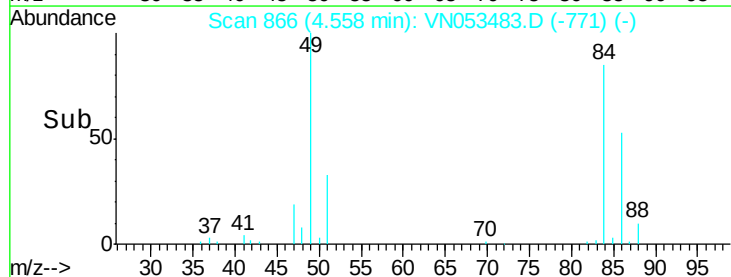
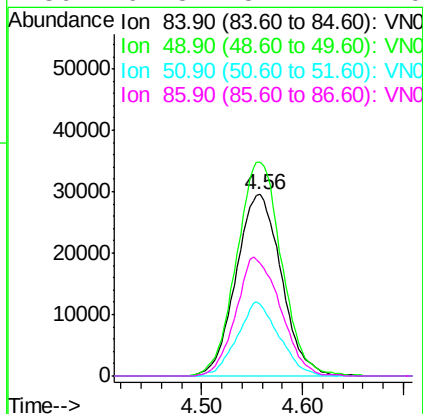
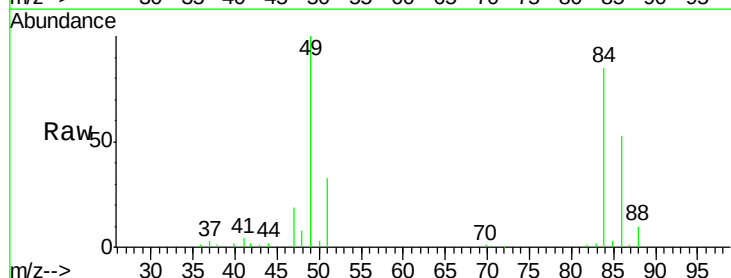
Instrument :
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ClientSampled :
RT3422

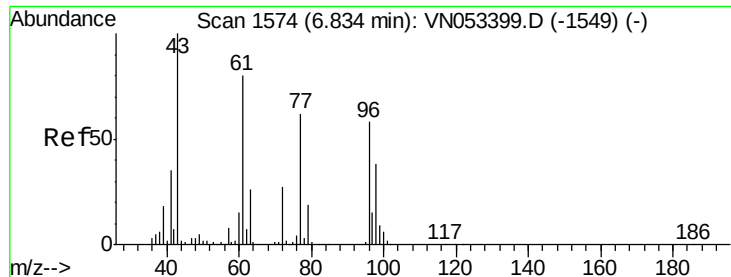
Tot Ion: 43 Resp: 1574
Ion Ratio Lower Upper
43 100
74 10.7 19.4 29.2#



#20
Methylene Chloride
Concen: 9.834 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053483.D
Acq: 18 Jan 2019 20:11

Tgt Ion: 84 Resp: 92030
Ion Ratio Lower Upper
84 100
49 117.6 94.3 141.5
51 39.3 29.4 44.2
86 61.8 51.4 77.0

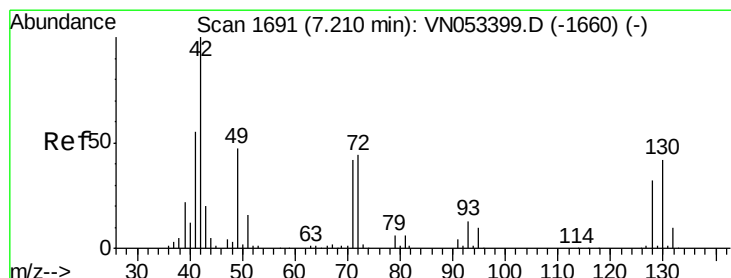
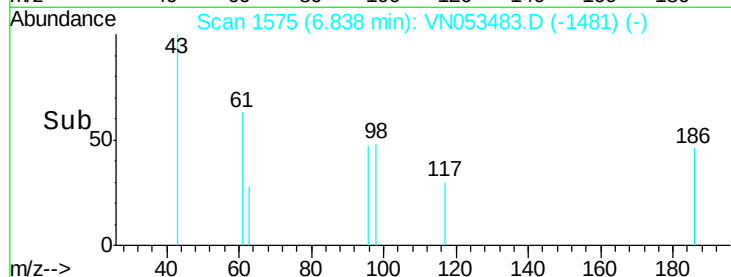
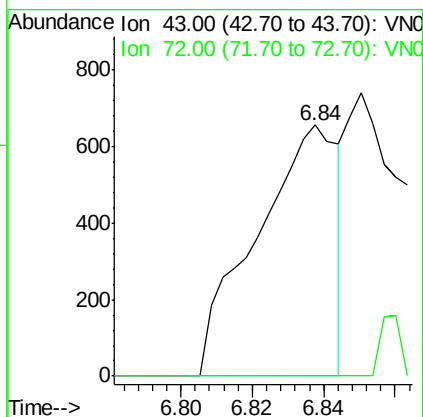
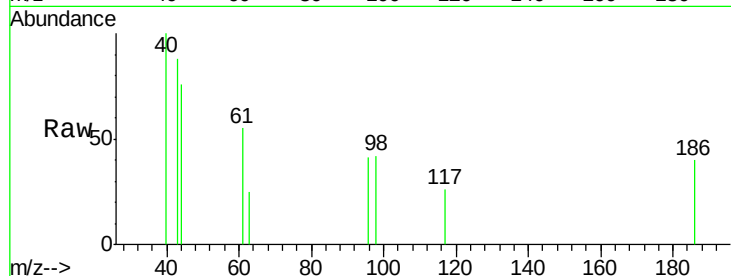




#25
2-Butanone
Concen: 0.327 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN053483.D
Acq: 18 Jan 2019 20:11

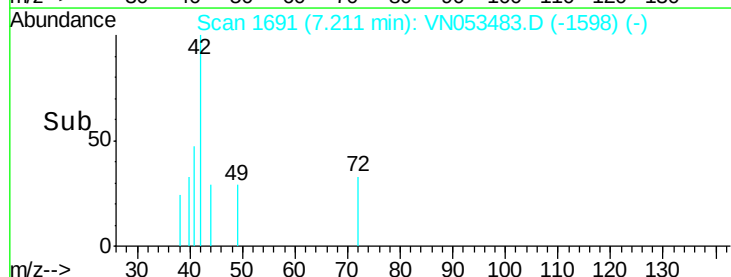
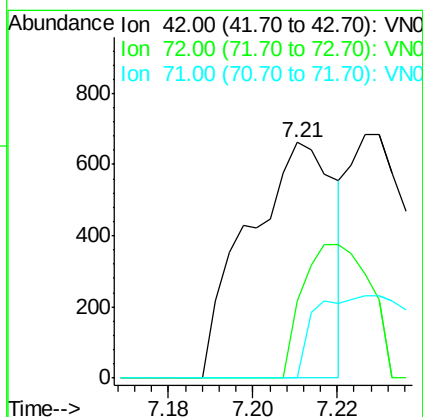
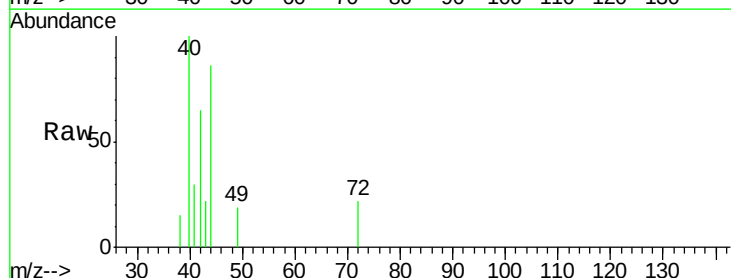
Instrument :
MSVOA_N
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RT3422

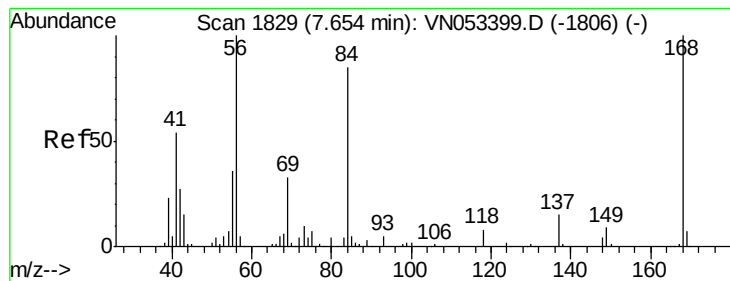
Tot Ion: 43 Resp: 1033
Ion Ratio Lower Upper
43 100
72 0.0 22.0 33.0#



#29
Tetrahydrofuran
Concen: 0.458 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053483.D
Acq: 18 Jan 2019 20:11

Tgt Ion: 42 Resp: 941
Ion Ratio Lower Upper
42 100
72 44.0 35.2 52.8
71 38.2 33.0 49.4





#31

Cyclohexane

Concen: 0.777 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN053483.D

Acq: 18 Jan 2019 20:11

Instrument :

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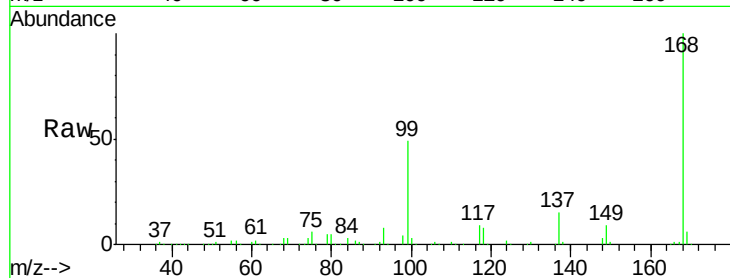
Tot Ion: 56 Resp: 15309

Ion Ratio Lower Upper

56 100

69 174.1 26.4 39.6#

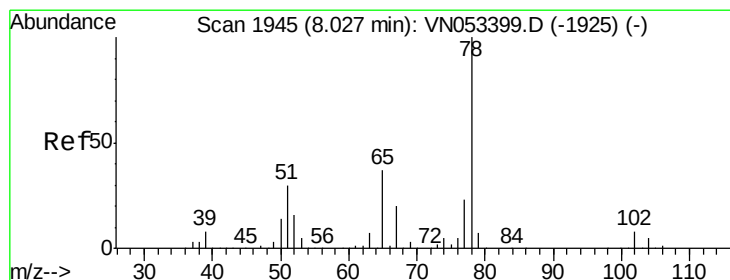
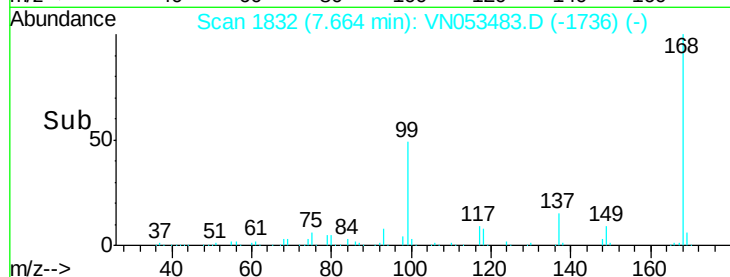
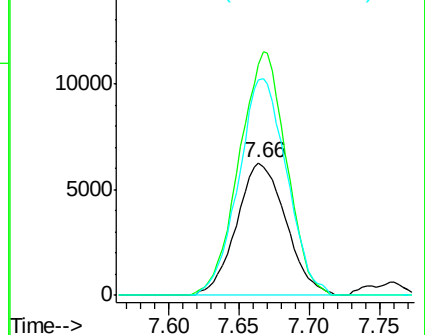
84 162.3 67.9 101.9#



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# 1946

Delta R.T. 0.00 min

Lab File: VN053483.D

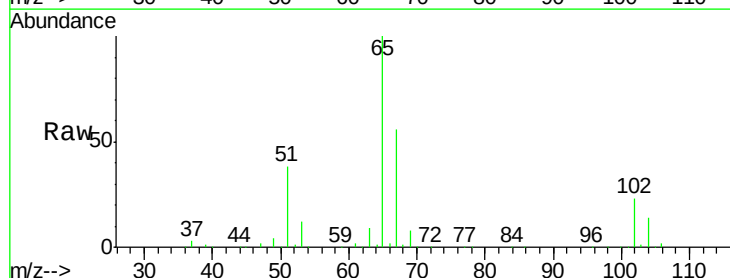
Acq: 18 Jan 2019 20:11

Tgt Ion: 65 Resp: 444982

Ion Ratio Lower Upper

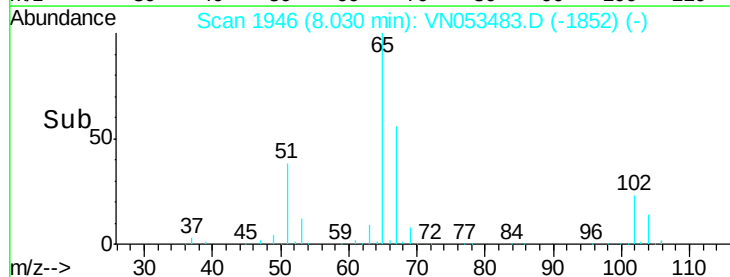
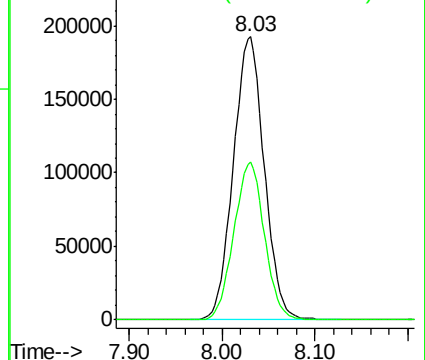
65 100

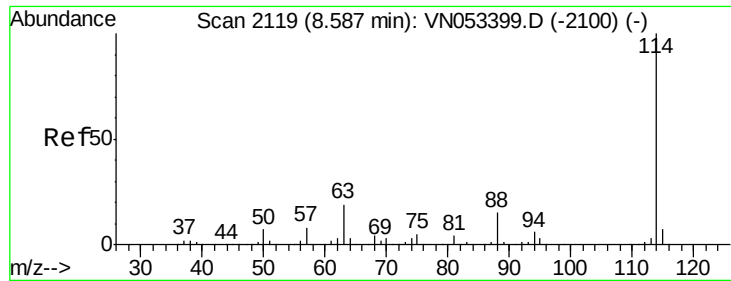
67 55.2 0.0 111.2



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: VN053483.D

Acq: 18 Jan 2019 20:11

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RT3422

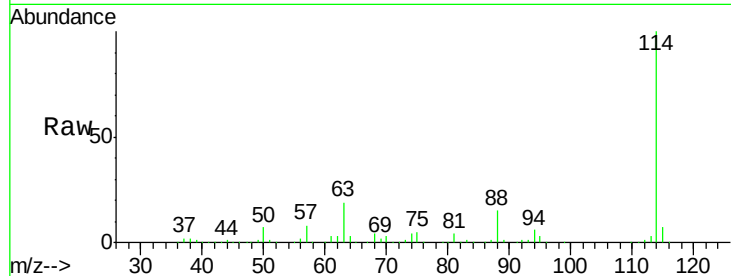
Tot Ion:114 Resp: 1378437

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.6

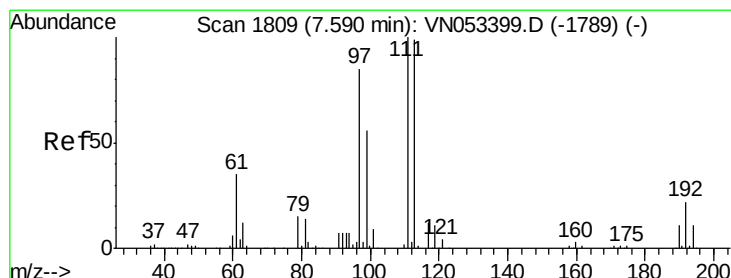
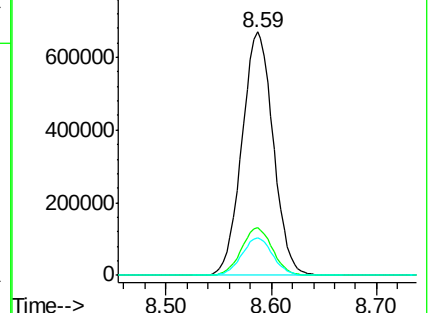
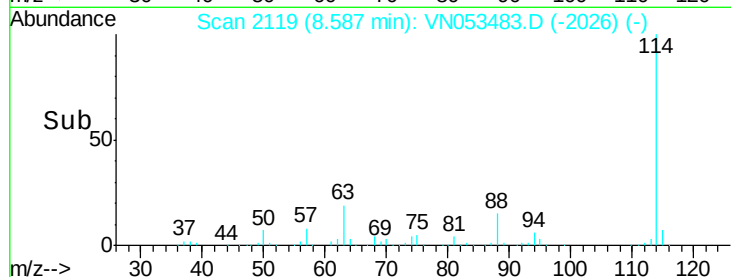
88 15.3 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053483.D

Acq: 18 Jan 2019 20:11

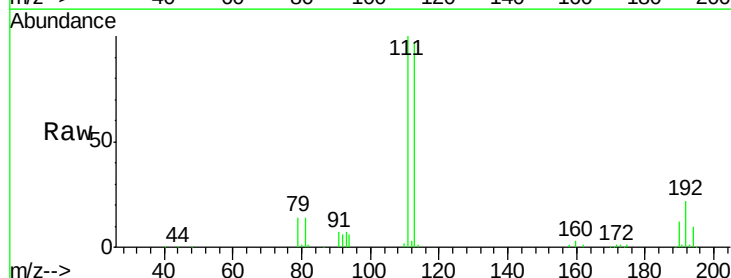
Tgt Ion:113 Resp: 400485

Ion Ratio Lower Upper

113 100

111 101.8 81.1 121.7

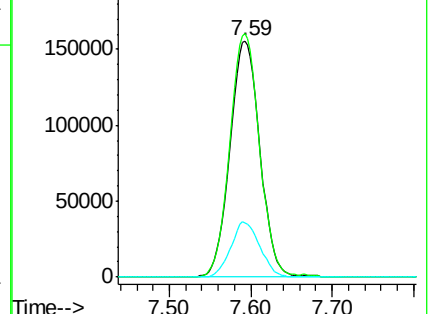
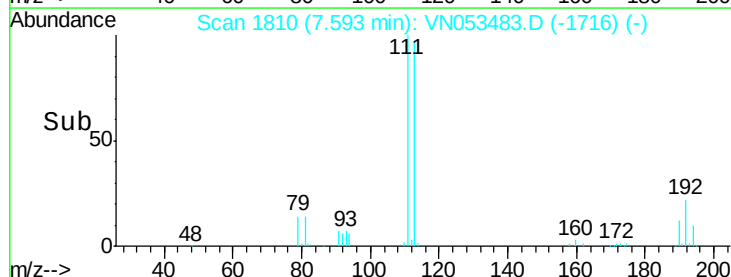
192 22.7 18.2 27.2

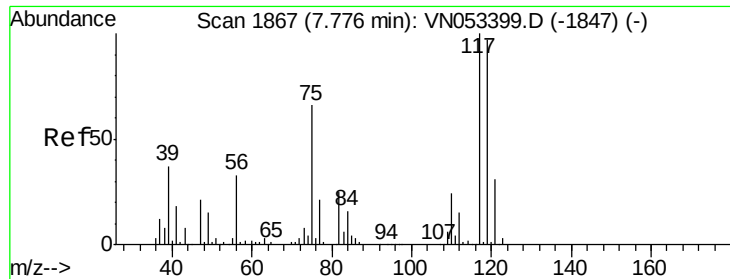


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#38

Carbon Tetrachloride

Concen: 6.444 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053483.D

Acq: 18 Jan 2019 20:11

Instrument :

MSVOA_N

ClientSampled :

RT3422

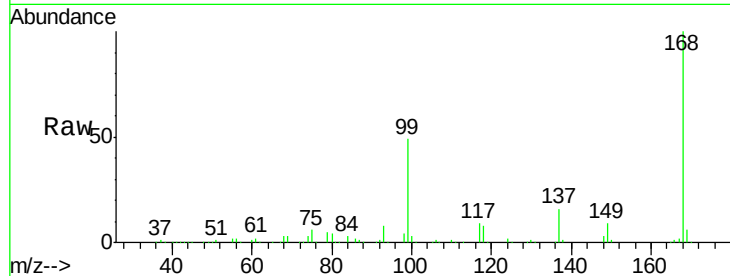
Tot Ion:117 Resp: 76587

Ion Ratio Lower Upper

117 100

119 4.9 77.2 115.8#

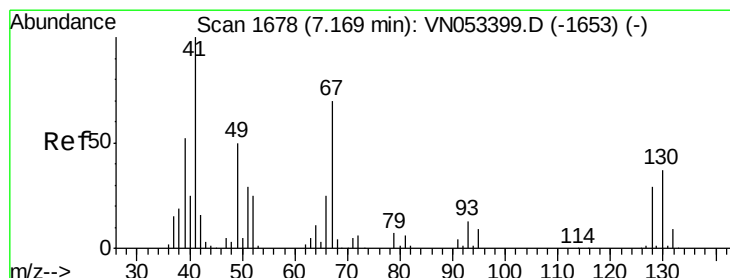
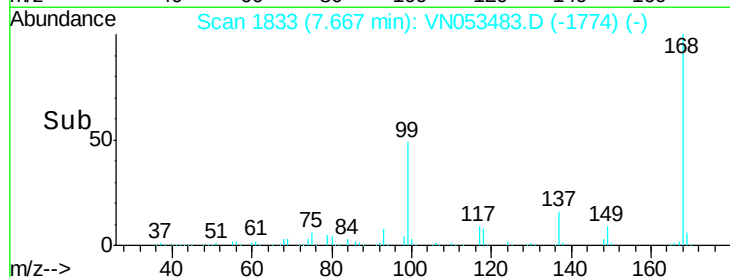
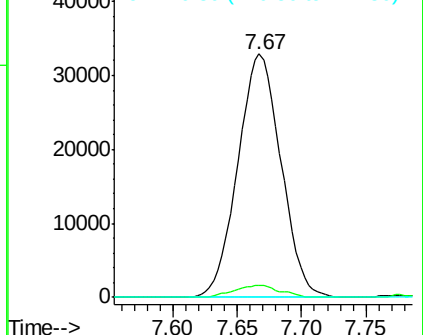
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 0.762 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.03 min

Lab File: VN053483.D

Acq: 18 Jan 2019 20:11

Tgt Ion: 41 Resp: 411

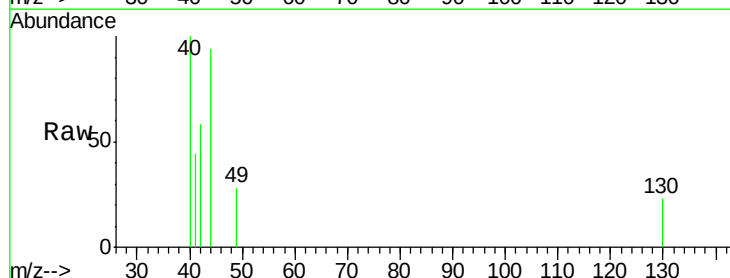
Ion Ratio Lower Upper

41 100

39 0.0 46.8 70.2#

67 0.0 63.0 94.6#

52 0.0 23.8 35.8#

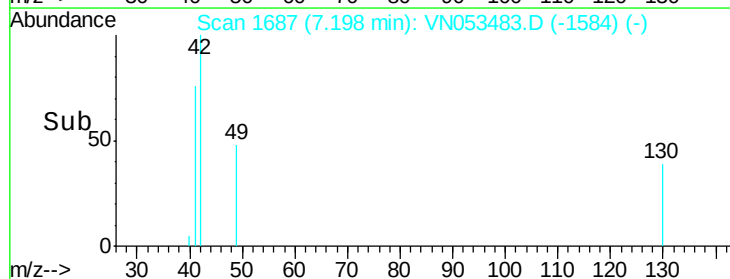
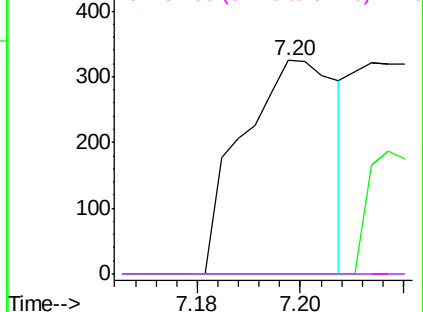


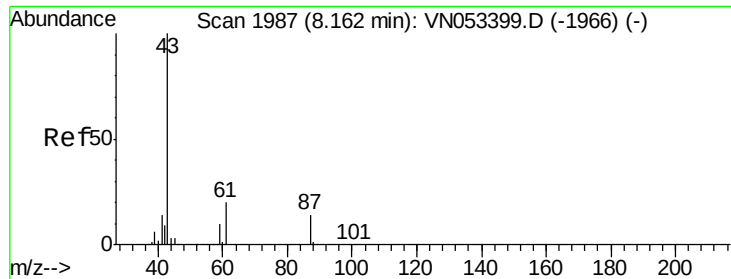
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 3.173 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053483.D

Acq: 18 Jan 2019 20:11

Instrument :

MSVOA_N

ClientSampleId :

RT3422

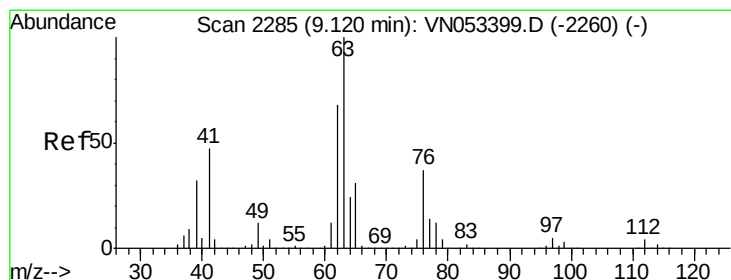
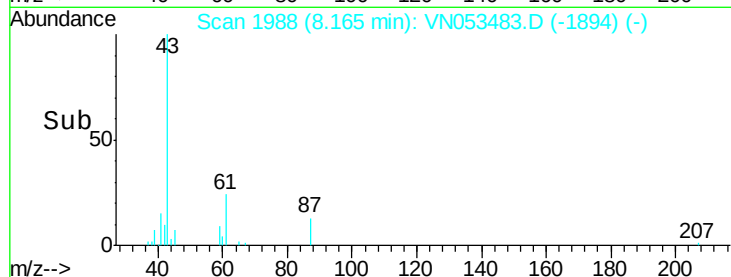
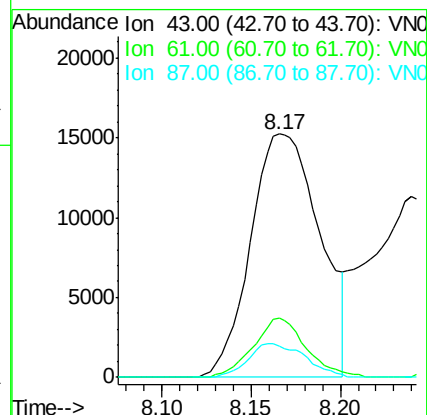
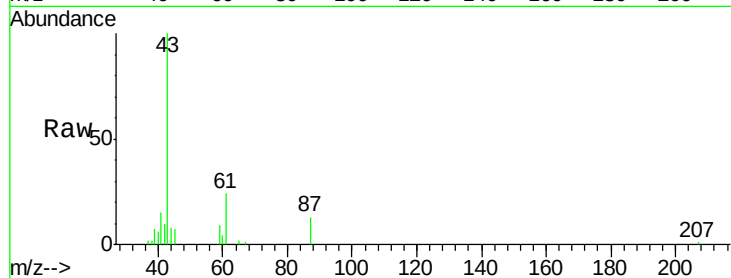
Tot Ion: 43 Resp: 41202

Ion Ratio Lower Upper

43 100

61 18.6 23.9 35.9#

87 11.4 11.0 16.6



#45

1,2-Dichloropropane

Concen: 0.259 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN053483.D

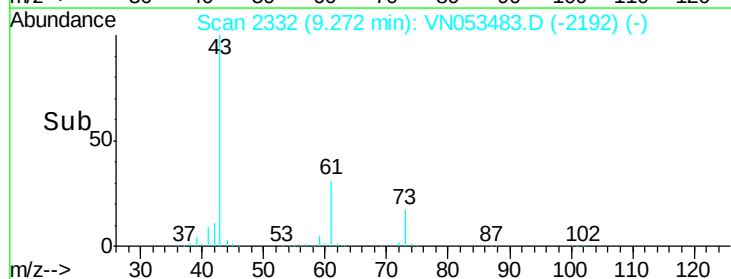
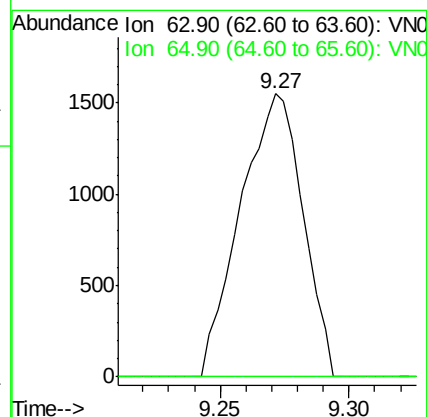
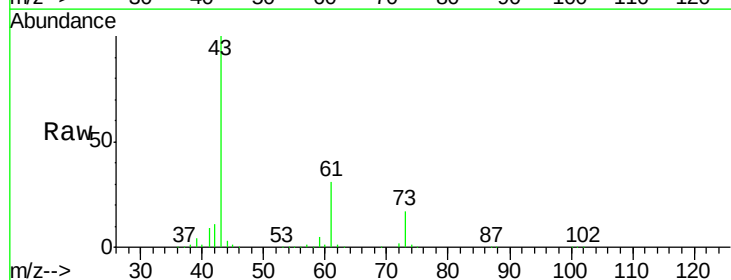
Acq: 18 Jan 2019 20:11

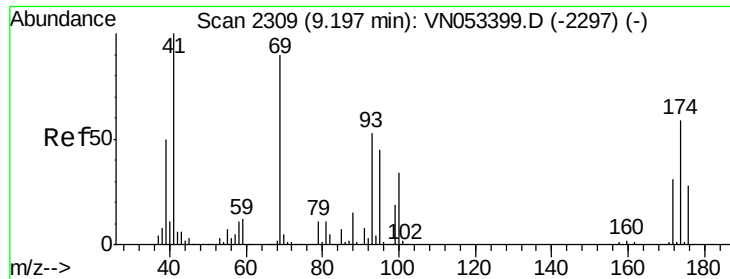
Tgt Ion: 63 Resp: 2613

Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.4#

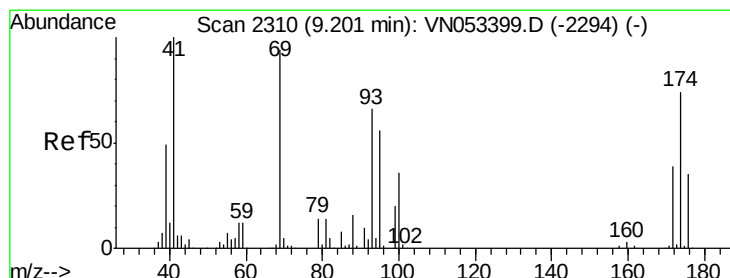
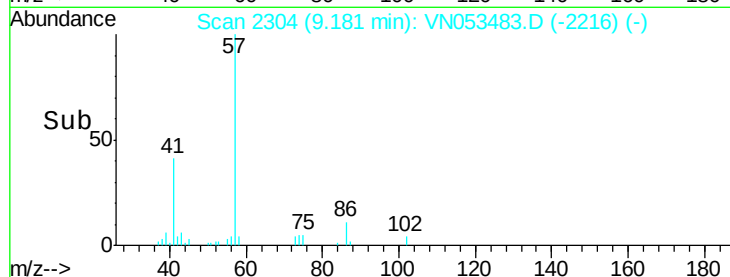
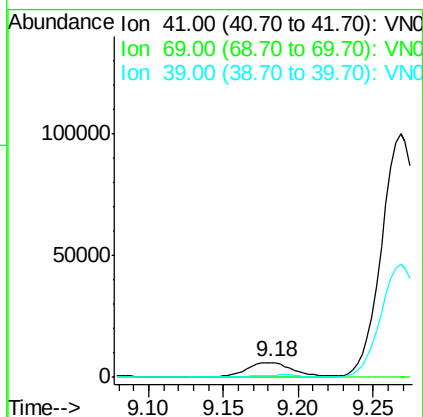
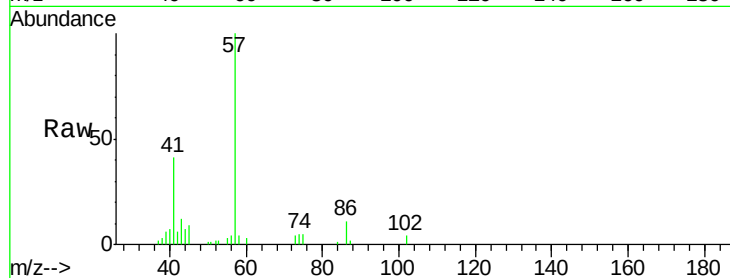




#48
Methvl methacrylate
Concen: 2.048 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN053483.D
Acq: 18 Jan 2019 20:11

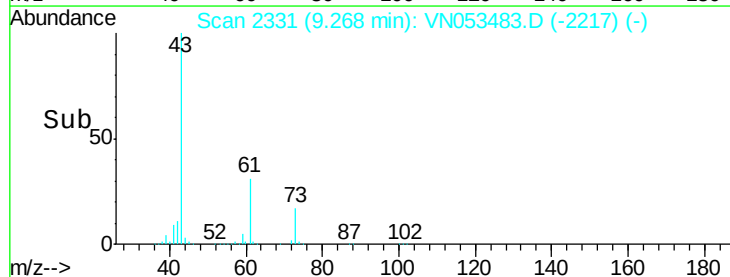
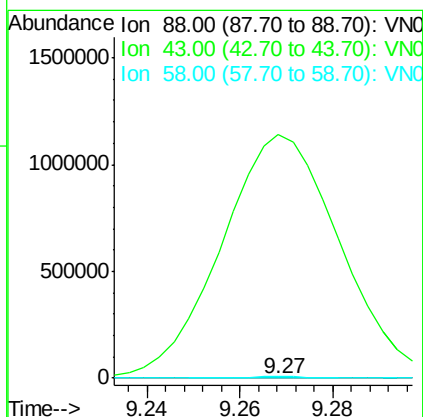
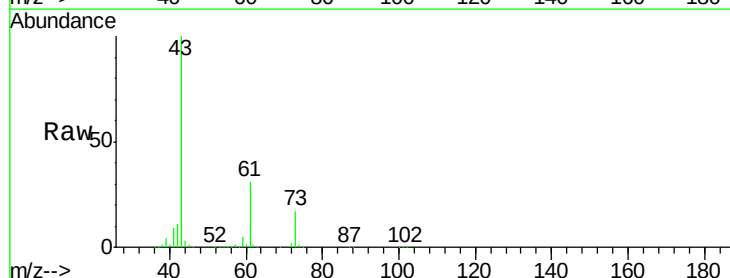
Instrument :
MSVOA_N
ClientSampled :
RT3422

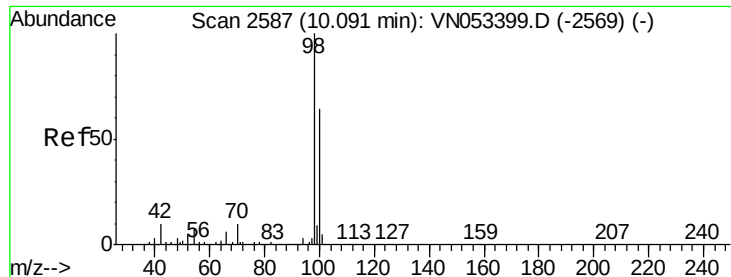
Tot Ion: 41 Resp: 13736
Ion Ratio Lower Upper
41 100
69 0.0 73.8 110.6#
39 0.0 40.0 60.0#



#49
1,4-Dioxane
Concen: 4.856 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN053483.D
Acq: 18 Jan 2019 20:11

Tgt Ion: 88 Resp: 318
Ion Ratio Lower Upper
88 100
43 644872.0 27.8 41.6#
58 3100.9 56.5 84.7#





#50

Toluene-d8

Concen: 4.856 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053483.D

Acq: 18 Jan 2019 20:11

Instrument :

MSVOA_N

ClientSampled :

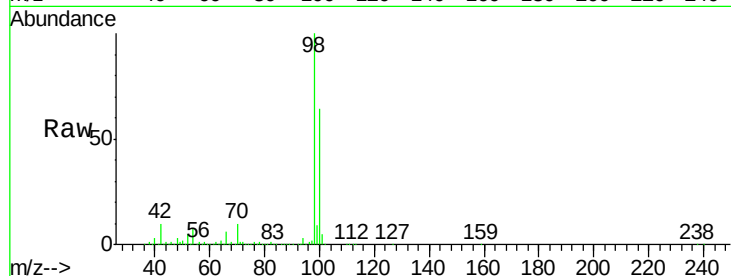
RT3422

Tot Ion: 98 Resp: 1730270

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

1000000

800000

600000

400000

200000

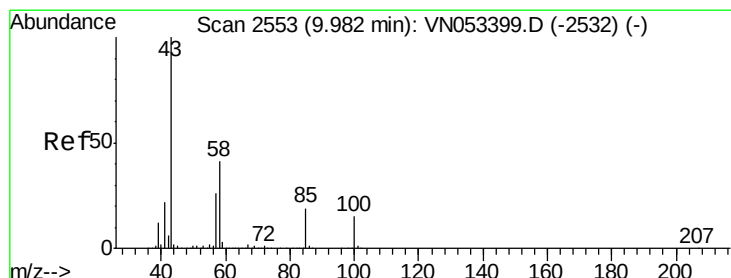
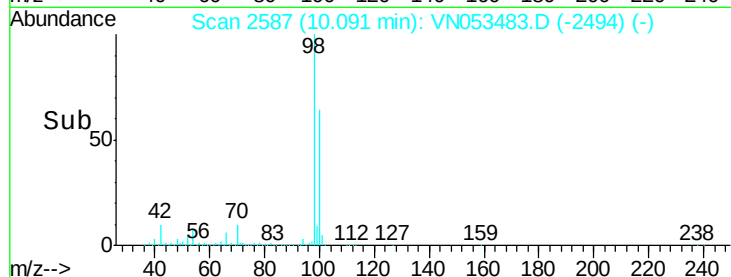
0

10.09

10.00

10.20

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.952 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.01 min

Lab File: VN053483.D

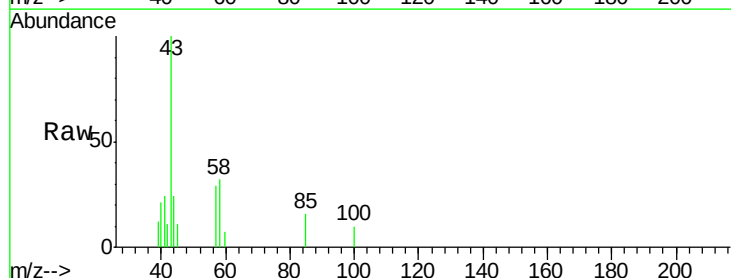
Acq: 18 Jan 2019 20:11

Tgt Ion: 43 Resp: 6746

Ion Ratio Lower Upper

43 100

58 37.0 32.8 49.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10000

8000

6000

4000

2000

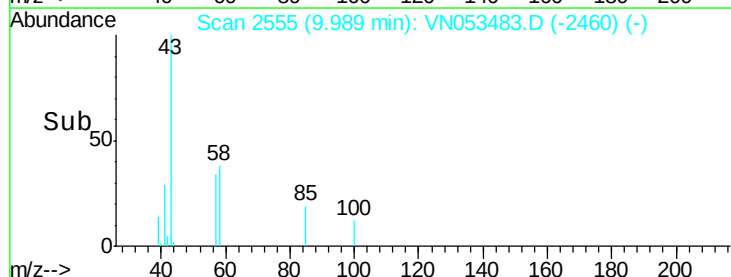
0

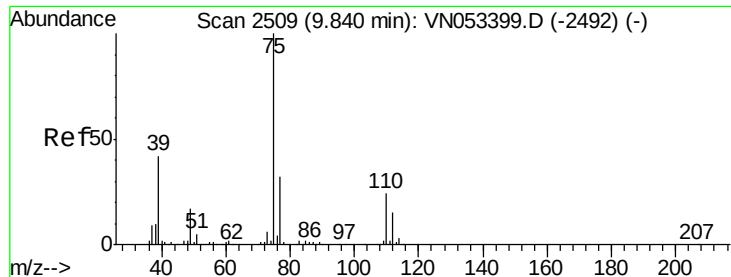
9.99

9.95

10.00

Time-->





#54

cis-1,3-Dichloropropene

Concen: 6.625 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN053483.D

Acq: 18 Jan 2019 20:11

Instrument :

MSVOA_N

ClientSampleId :

RT3422

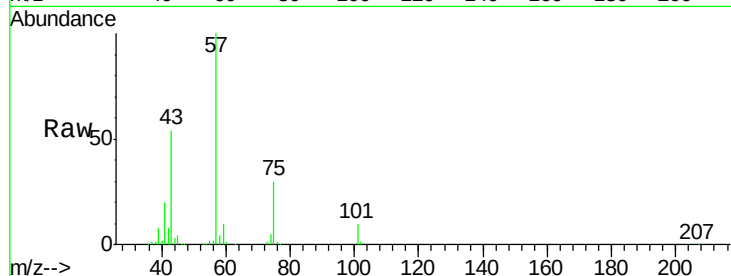
Tot Ion: 75 Resp: 96109

Ion Ratio Lower Upper

75 100

77 0.4 25.8 38.6#

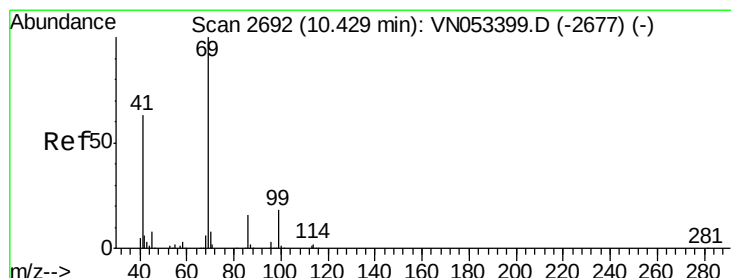
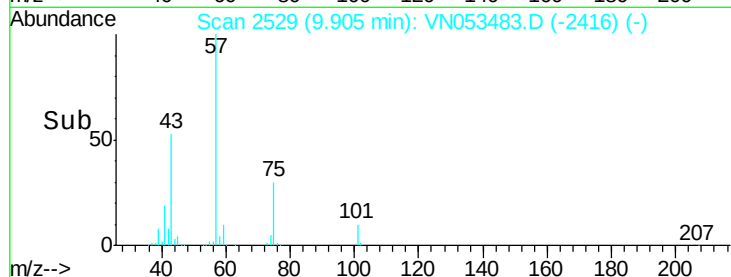
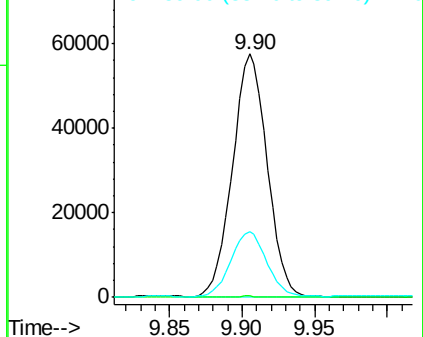
39 27.0 33.4 50.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#56

Ethyl methacrylate

Concen: 2.088 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN053483.D

Acq: 18 Jan 2019 20:11

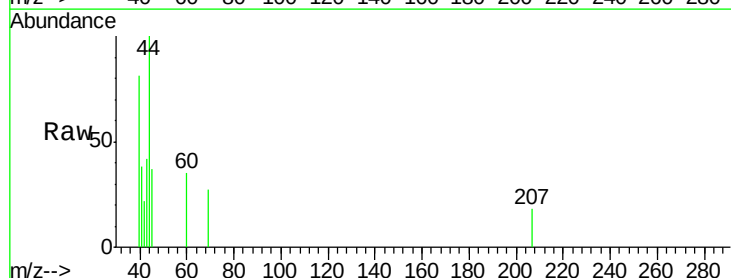
Tgt Ion: 69 Resp: 362

Ion Ratio Lower Upper

69 100

41 0.0 49.4 74.0#

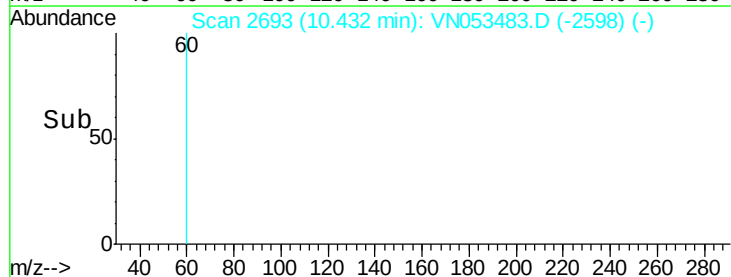
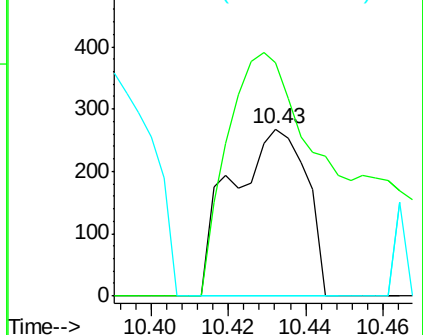
39 0.0 23.3 34.9#

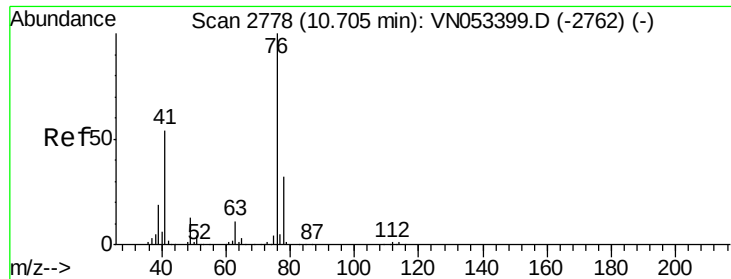


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

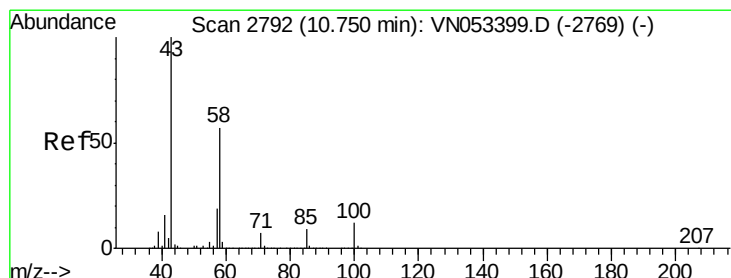
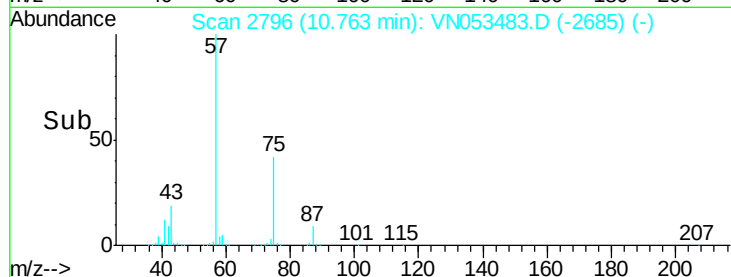
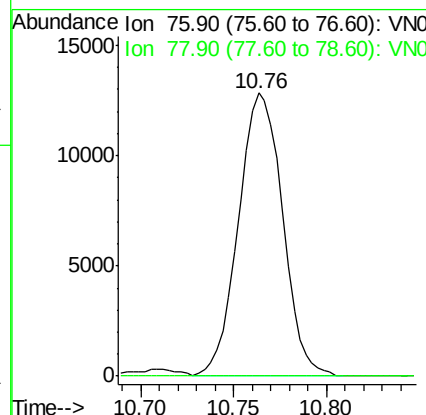
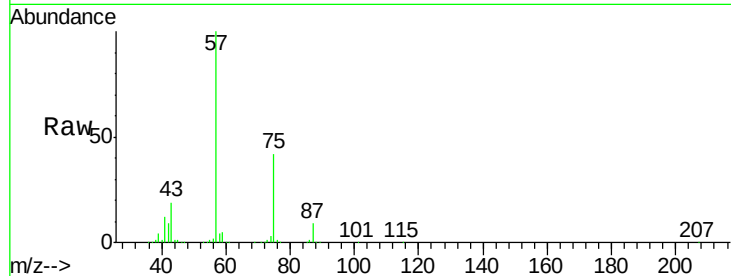




#57
 1,3-Dichloropropane
 Concen: 1.503 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN053483.D
 Acq: 18 Jan 2019 20:11

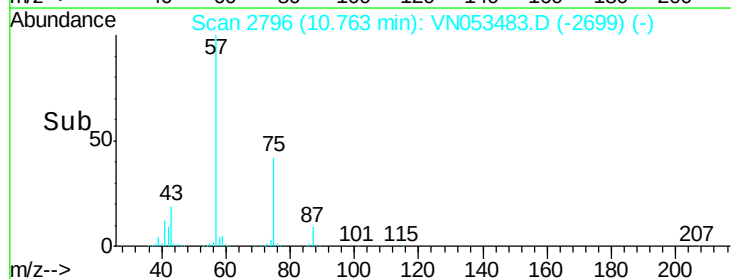
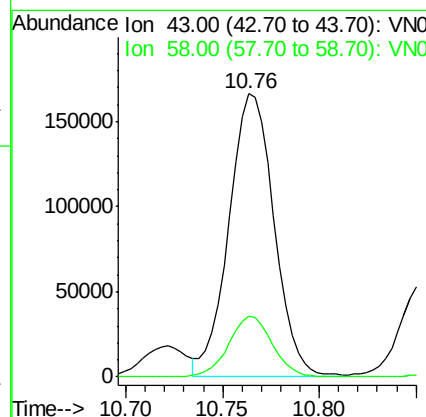
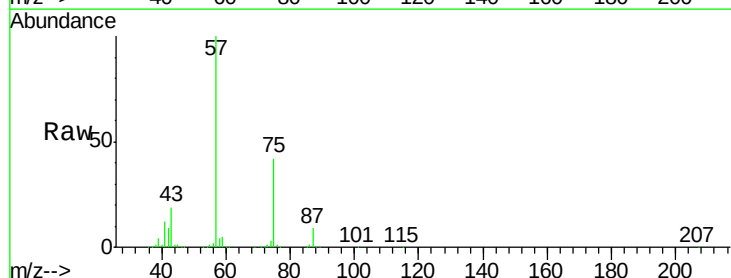
Instrument :
 MSVOA_N
 ClientSampled :
 RT3422

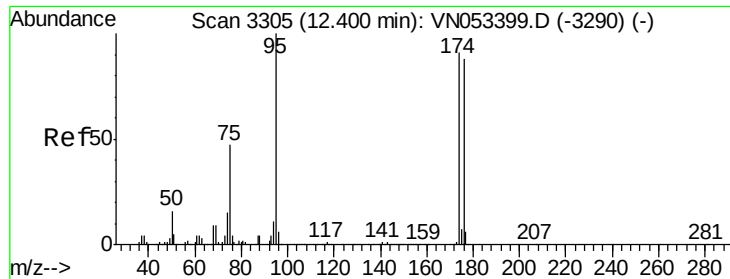
Tot Ion: 76 Resp: 21233
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 53.852 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN053483.D
 Acq: 18 Jan 2019 20:11

Tgt Ion: 43 Resp: 268003
 Ion Ratio Lower Upper
 43 100
 58 21.0 28.6 85.8#





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053483.D

Acq: 18 Jan 2019 20:11

Instrument :

MSVOA_N

ClientSampleId :

RT3422

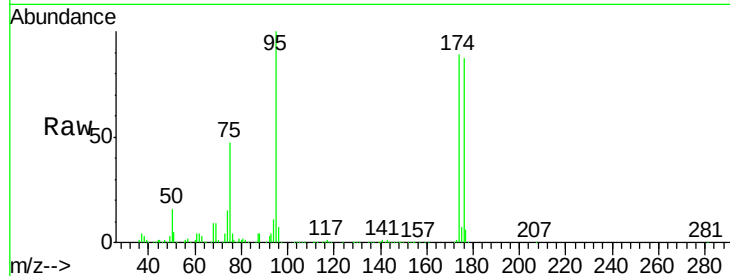
Tot Ion: 95 Resp: 597517

Ion Ratio Lower Upper

95 100

174 91.9 0.0 183.2

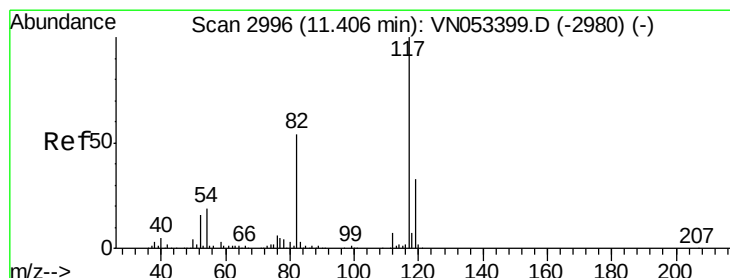
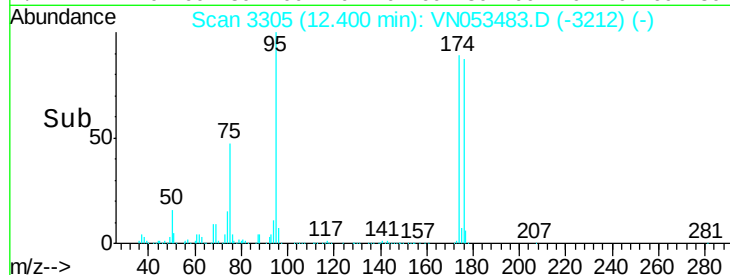
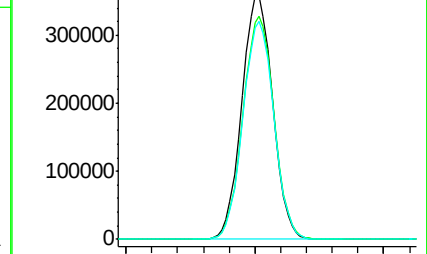
176 89.5 0.0 177.4



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

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

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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053483.D

Acq: 18 Jan 2019 20:11

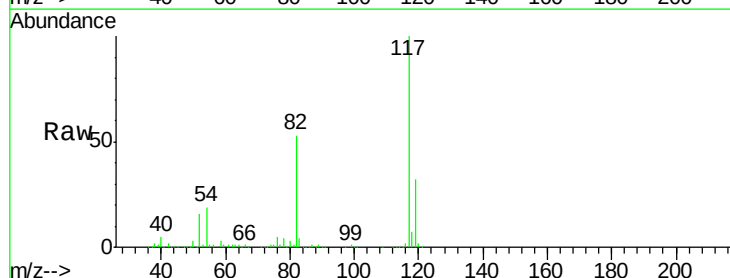
Tgt Ion: 117 Resp: 1324708

Ion Ratio Lower Upper

117 100

82 52.7 42.9 64.3

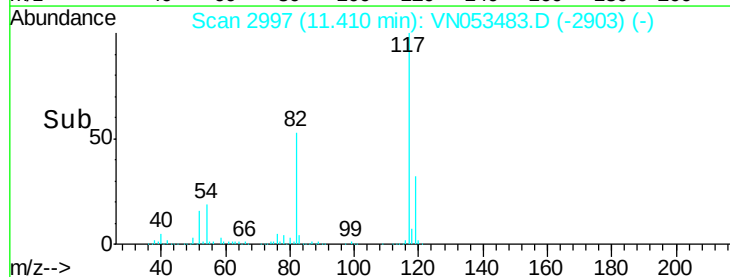
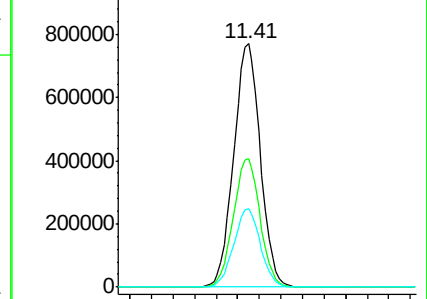
119 32.4 26.0 39.0

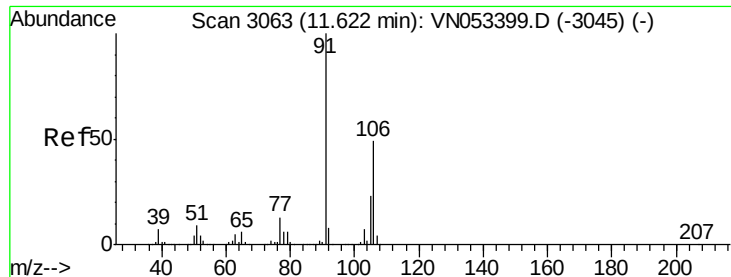


Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

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

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





#68

m/p-Xvlenes

Concen: 0.261 ug/l

RT: 11.63 min Scan# 3064

Delta R.T. 0.00 min

Lab File: VN053483.D

Acq: 18 Jan 2019 20:11

Instrument :

MSVOA_N

ClientSampled :

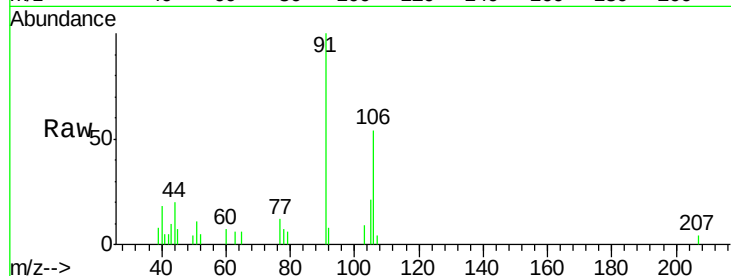
RT3422

Tot Ion:106 Resp: 4702

Ion Ratio Lower Upper

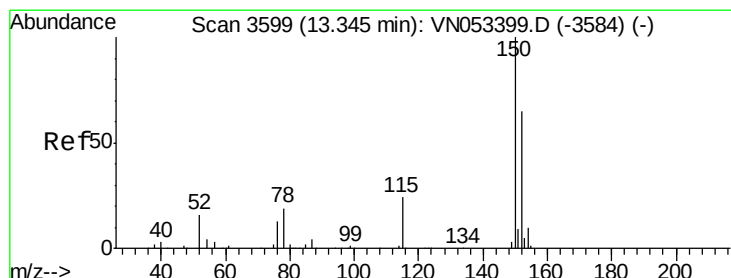
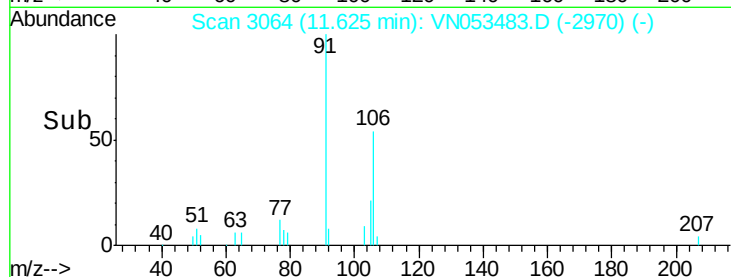
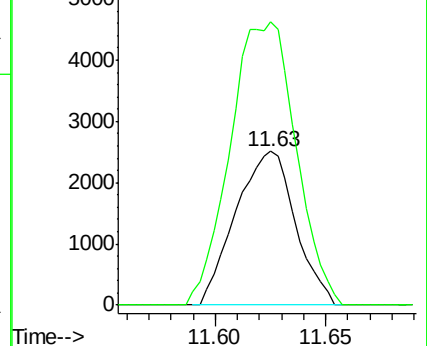
106 100

91 202.4 161.4 242.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053483.D

Acq: 18 Jan 2019 20:11

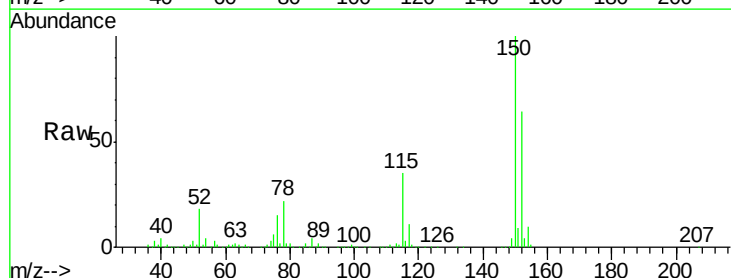
Tgt Ion:152 Resp: 571768

Ion Ratio Lower Upper

152 100

115 55.9 27.8 83.4

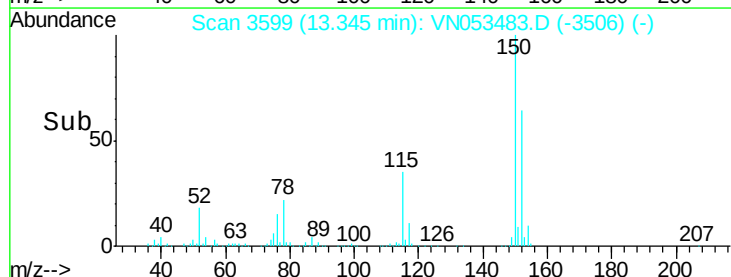
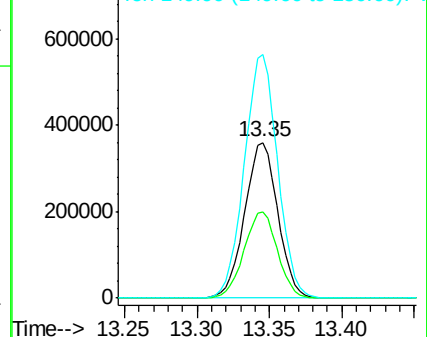
150 156.9 0.0 349.0

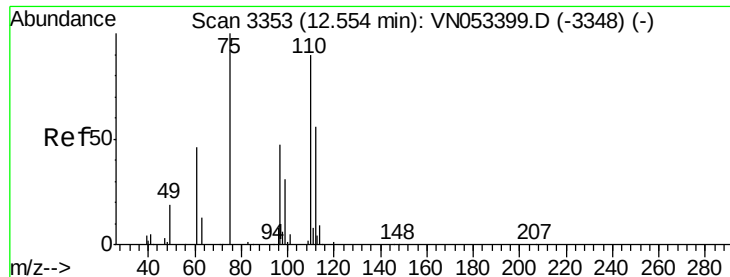


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 37.261 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN053483.D

Acq: 18 Jan 2019 20:11

Instrument :

MSVOA_N

ClientSampleId :

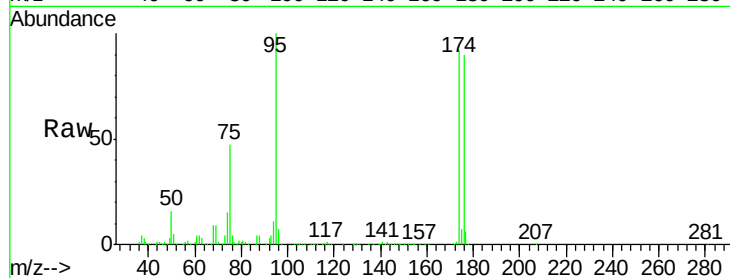
RT3422

Tot Ion: 75 Resp: 280757

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN053399.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN053399.D (-3348) (-)

12.40

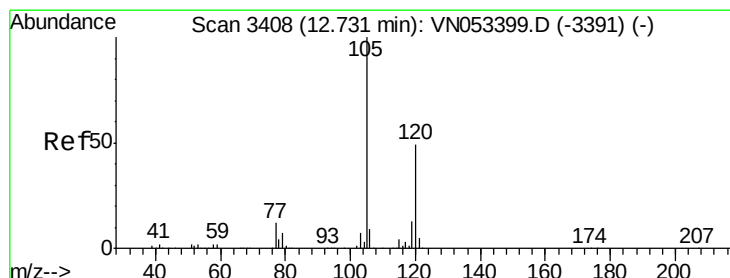
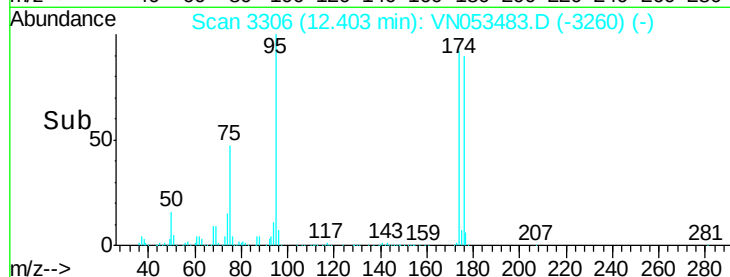
150000

100000

50000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.390 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053483.D

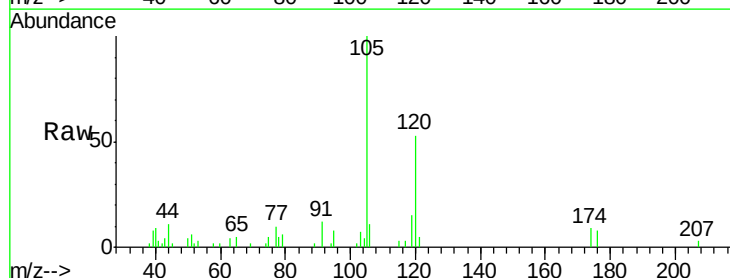
Acq: 18 Jan 2019 20:11

Tgt Ion: 105 Resp: 13280

Ion Ratio Lower Upper

105 100

120 50.5 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN053399.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN053399.D (-3391) (-)

12.73

10000

8000

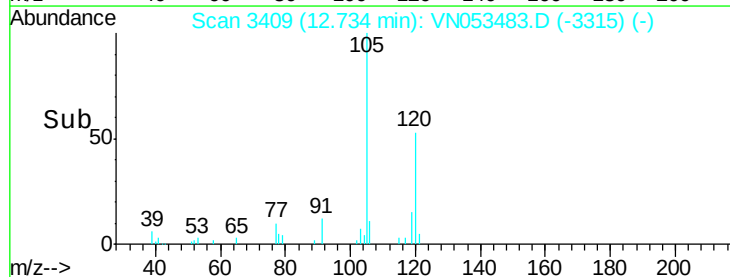
6000

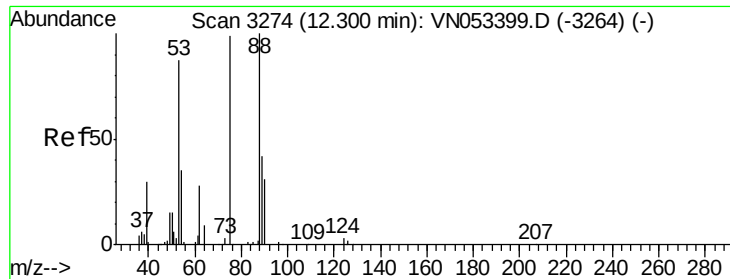
4000

2000

0

Time-->

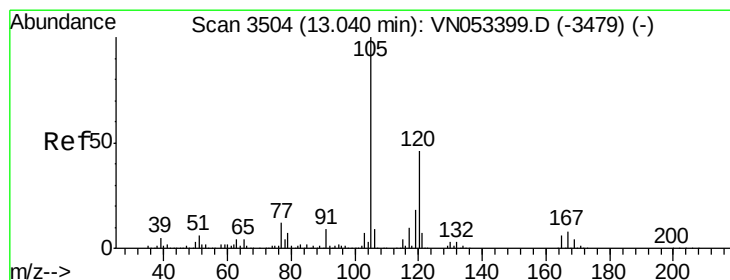
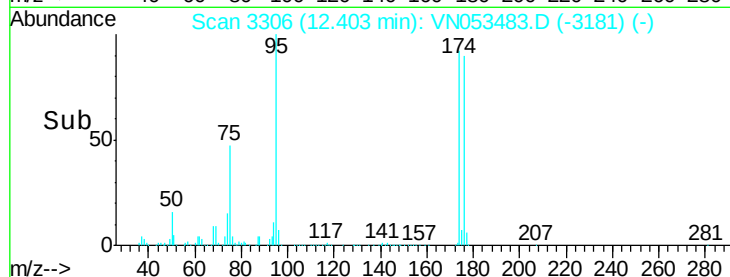
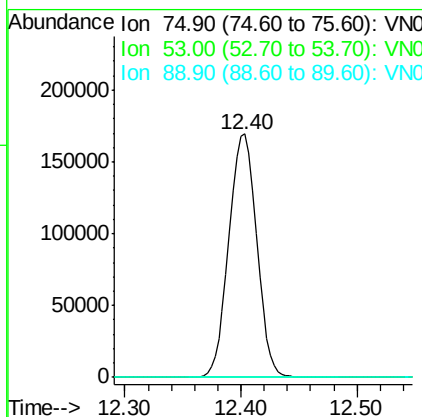
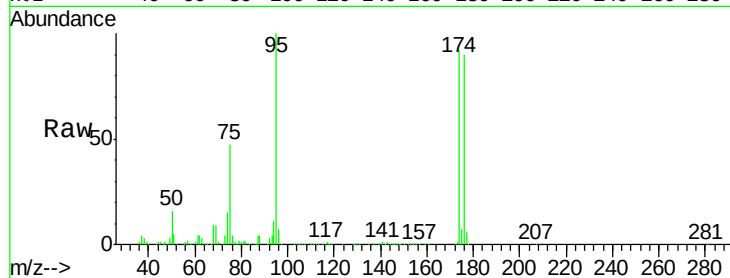




#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.055 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN053483.D
 Acq: 18 Jan 2019 20:11

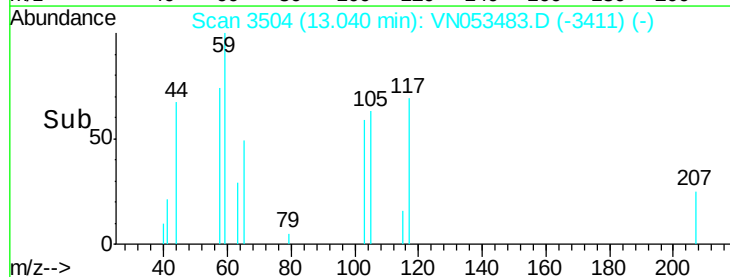
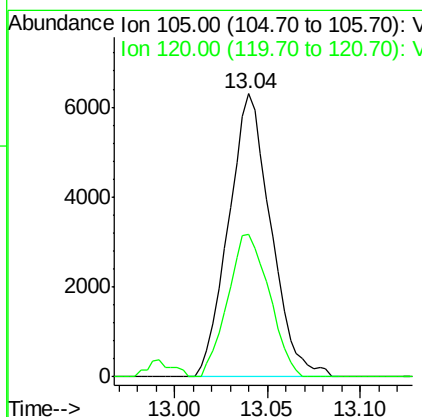
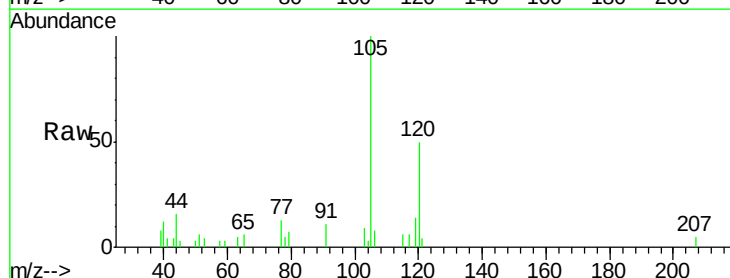
Instrument :
 MSVOA_N
 ClientSampled :
 RT3422

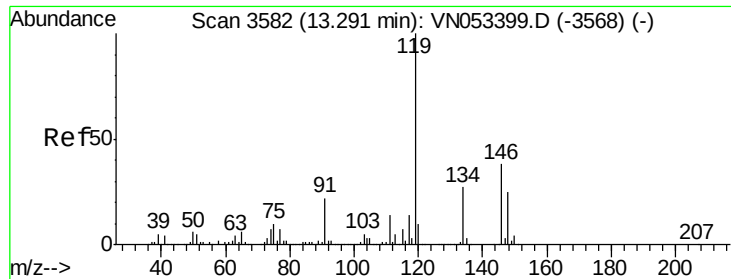
Tot Ion: 75 Resp: 280757
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.8 104.6#
 89 0.0 35.6 53.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.291 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053483.D
 Acq: 18 Jan 2019 20:11

Tgt Ion: 105 Resp: 9990
 Ion Ratio Lower Upper
 105 100
 120 49.3 23.0 69.0

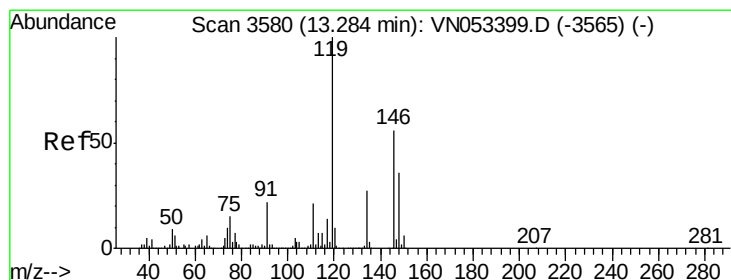
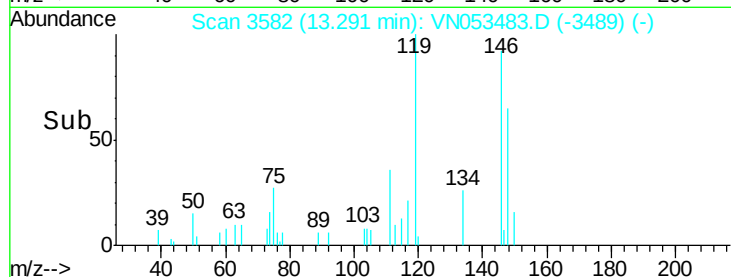
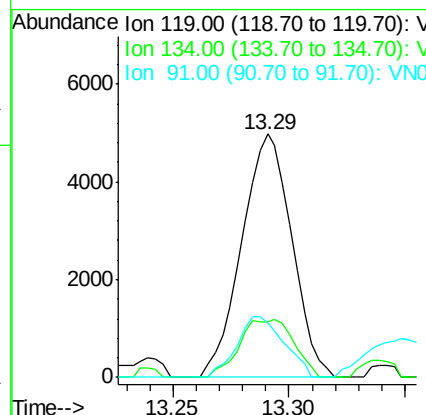
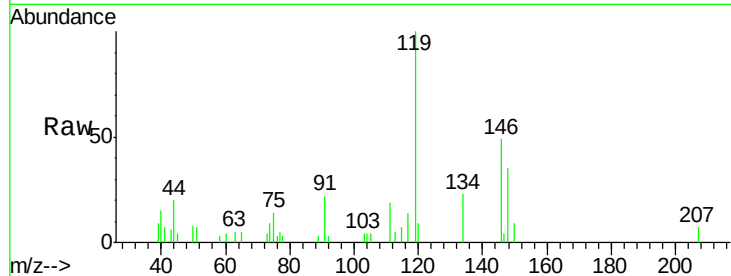




#86
 p-Isopropyltoluene
 Concen: 0.209 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN053483.D
 Acq: 18 Jan 2019 20:11

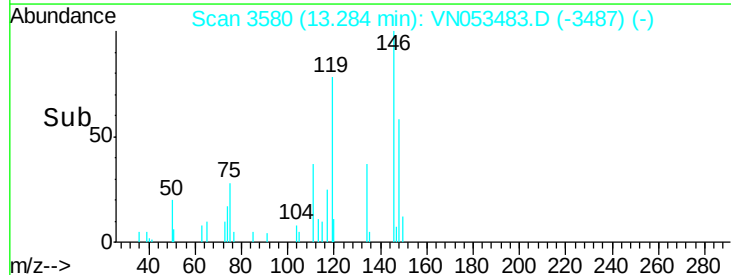
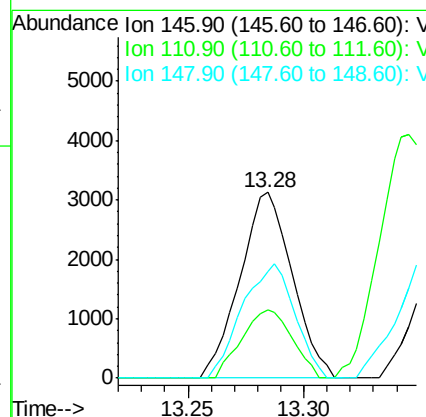
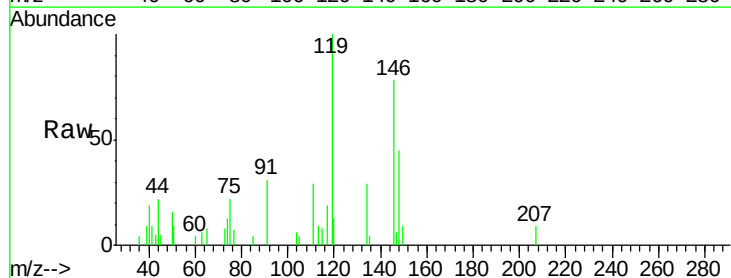
Instrument :
 MSVOA_N
 ClientSampled :
 RT3422

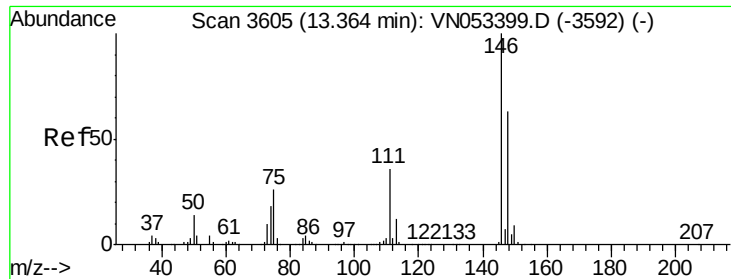
Tot Ion:119 Resp: 7473
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.5 40.4
 91 23.4 11.0 33.0



#87
 1,3-Dichlorobenzene
 Concen: 0.253 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN053483.D
 Acq: 18 Jan 2019 20:11

Tgt Ion:146 Resp: 4917
 Ion Ratio Lower Upper
 146 100
 111 35.3 18.8 56.3
 148 61.6 32.0 96.2

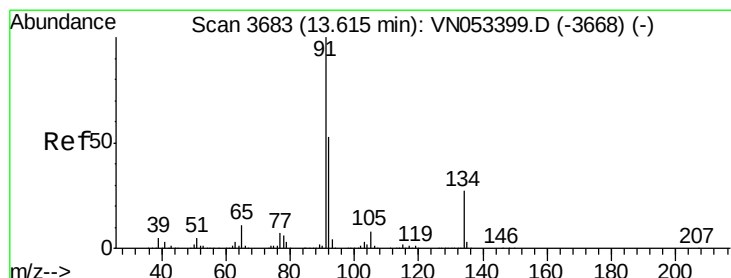
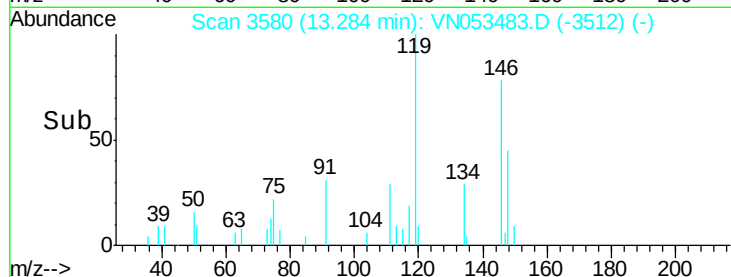
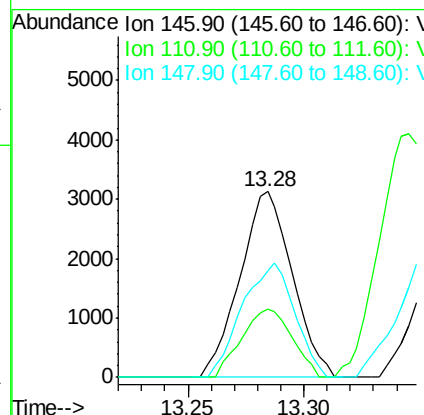
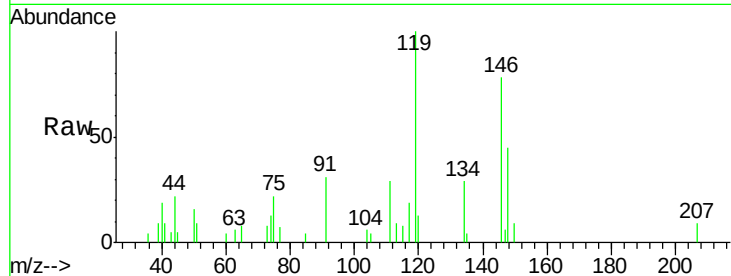




#88
 1,4-Dichlorobenzene
 Concen: 0.253 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.08 min
 Lab File: VN053483.D
 Acq: 18 Jan 2019 20:11

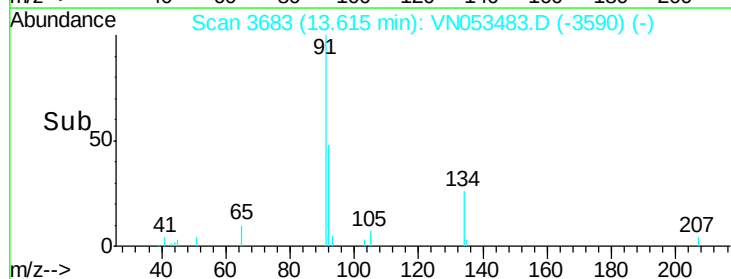
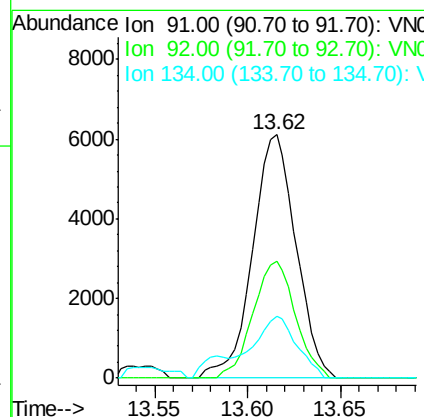
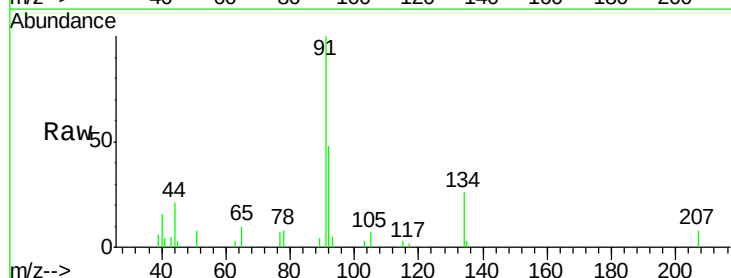
Instrument :
 MSVOA_N
 ClientSampled :
 RT3422

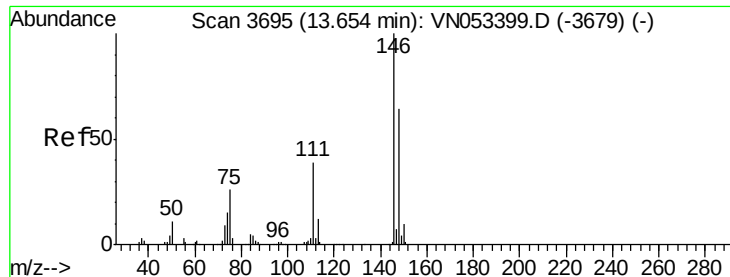
Tot Ion:146 Resp: 4917
 Ion Ratio Lower Upper
 146 100
 111 35.3 18.6 55.8
 148 61.6 32.4 97.0



#89
 n-Butylbenzene
 Concen: 0.326 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN053483.D
 Acq: 18 Jan 2019 20:11

Tgt Ion: 91 Resp: 9968
 Ion Ratio Lower Upper
 91 100
 92 46.8 26.3 78.8
 134 24.5 13.5 40.5





#91

1,2-Dichlorobenzene

Concen: 0.230 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN053483.D

Acq: 18 Jan 2019 20:11

Instrument :

MSVOA_N

ClientSampleId :

RT3422

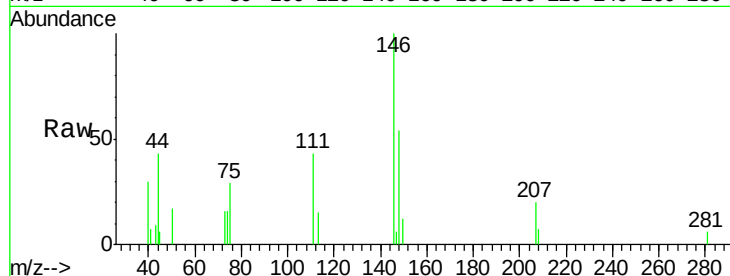
Tot Ion:146 Resp: 4098

Ion Ratio Lower Upper

146 100

111 43.6 19.5 58.5

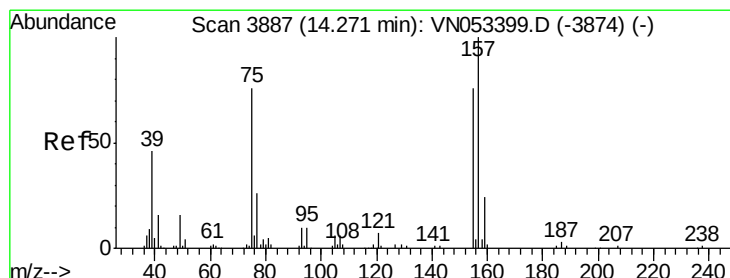
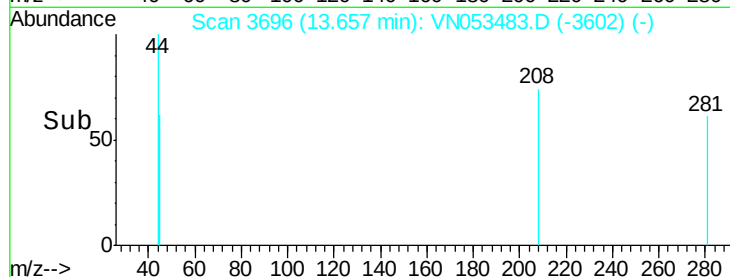
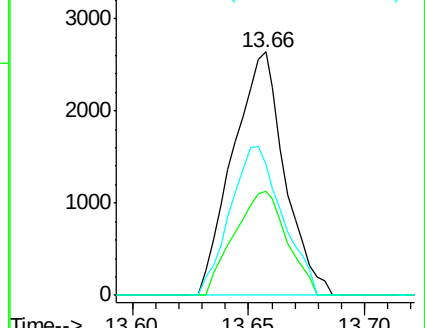
148 61.4 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.303 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN053483.D

Acq: 18 Jan 2019 20:11

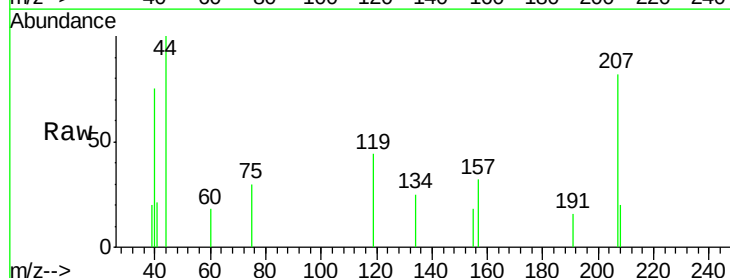
Tgt Ion: 75 Resp: 337

Ion Ratio Lower Upper

75 100

155 76.3 48.9 146.7

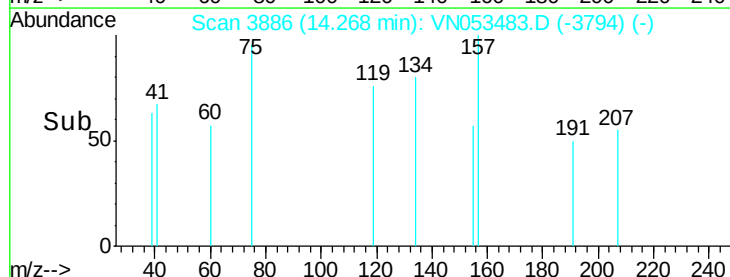
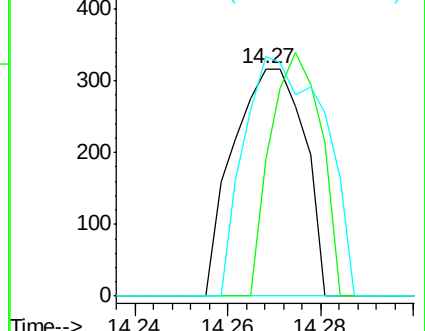
157 118.7 63.7 191.3

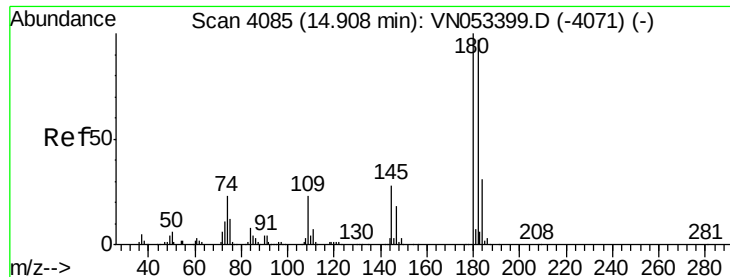


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

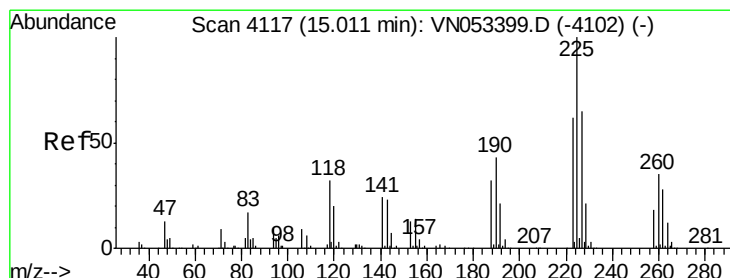
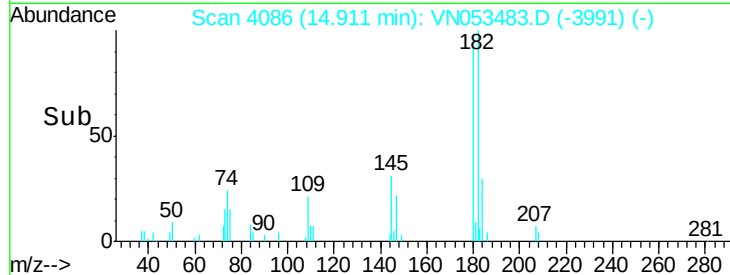
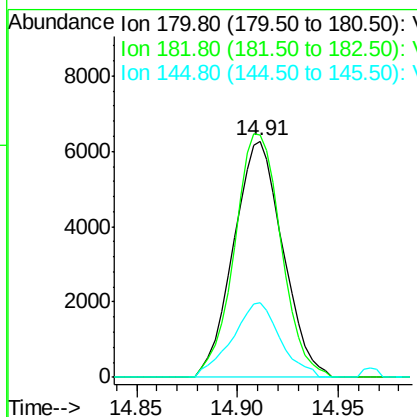
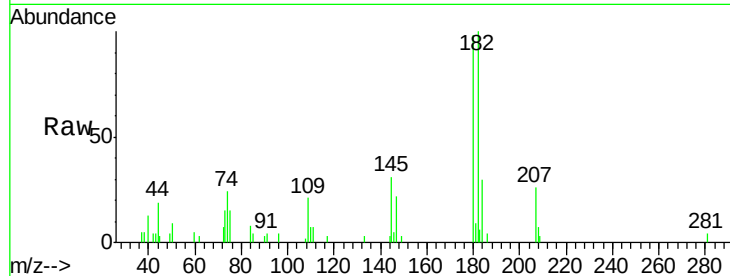




#93
 1,2,4-Trichlorobenzene
 Concen: 4.051 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053483.D
 Acq: 18 Jan 2019 20:11

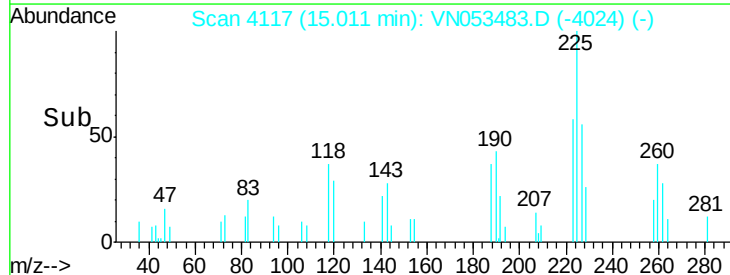
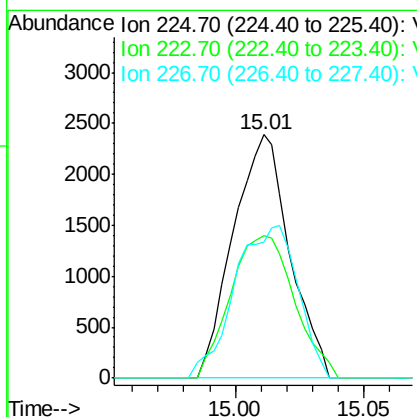
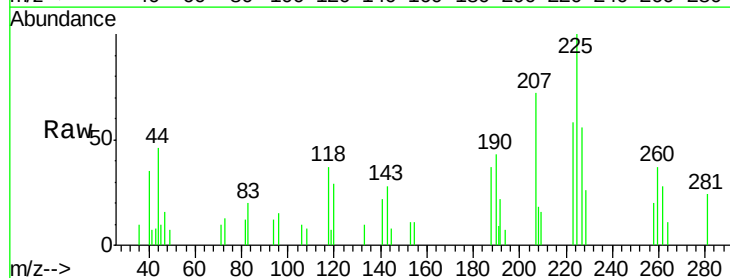
Instrument :
 MSVOA_N
 ClientSampleId :
 RT3422

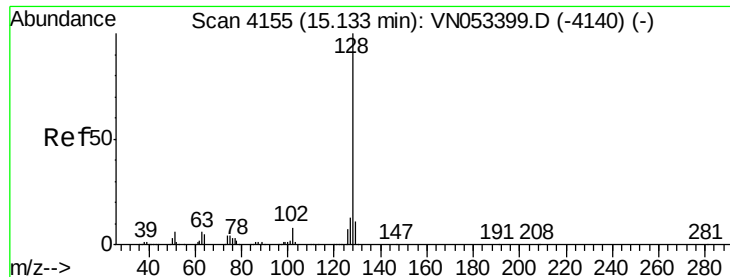
Tot Ion:180 Resp: 10715
 Ion Ratio Lower Upper
 180 100
 182 97.9 48.1 144.3
 145 30.9 13.9 41.6



#94
 Hexachlorobutadiene
 Concen: 0.654 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053483.D
 Acq: 18 Jan 2019 20:11

Tgt Ion:225 Resp: 3644
 Ion Ratio Lower Upper
 225 100
 223 66.4 31.1 93.2
 227 70.2 32.0 96.2





#95

Naphthalene

Concen: 6.766 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053483.D

Acq: 18 Jan 2019 20:11

Instrument :

MSVOA_N

ClientSampleId :

RT3422

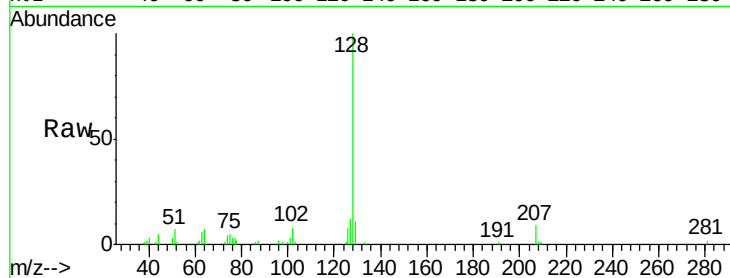
Tot Ion:128 Resp: 42421

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

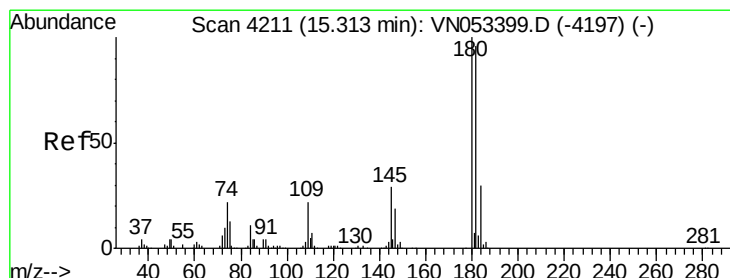
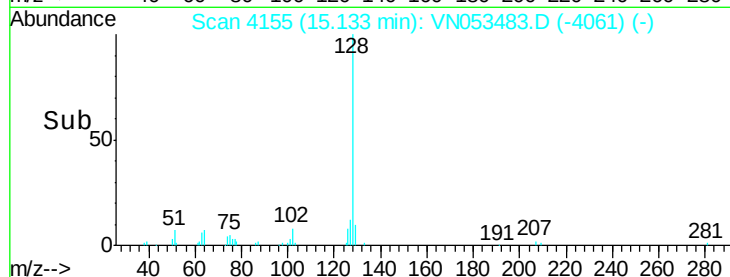
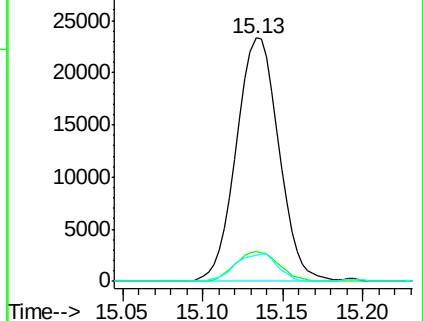
129 11.3 8.6 13.0



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: 5.799 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN053483.D

Acq: 18 Jan 2019 20:11

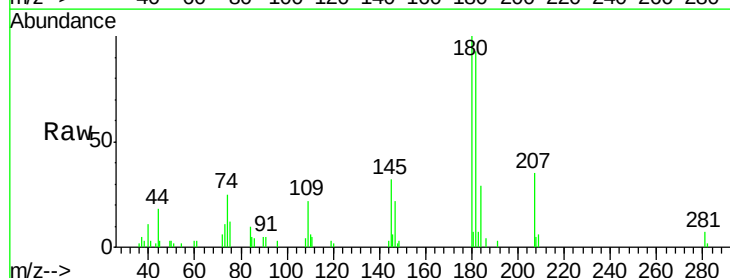
Tgt Ion:180 Resp: 11849

Ion Ratio Lower Upper

180 100

182 99.1 47.9 143.8

145 36.0 14.7 44.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

