

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060519\
 Data File : VN056004.D
 Acq On : 5 Jun 2019 12:51
 Operator : JC/SP
 Sample : K3151-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 06 01:20:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	374288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	550600	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	517934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	175455	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	174924	47.07	ug/l	0.00
Spiked Amount			Recovery	=	94.14%	
35) Dibromofluoromethane	7.59	113	159514	47.22	ug/l	0.00
Spiked Amount			Recovery	=	94.44%	
50) Toluene-d8	10.09	98	656788	50.53	ug/l	0.00
Spiked Amount			Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.40	95	214845	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	

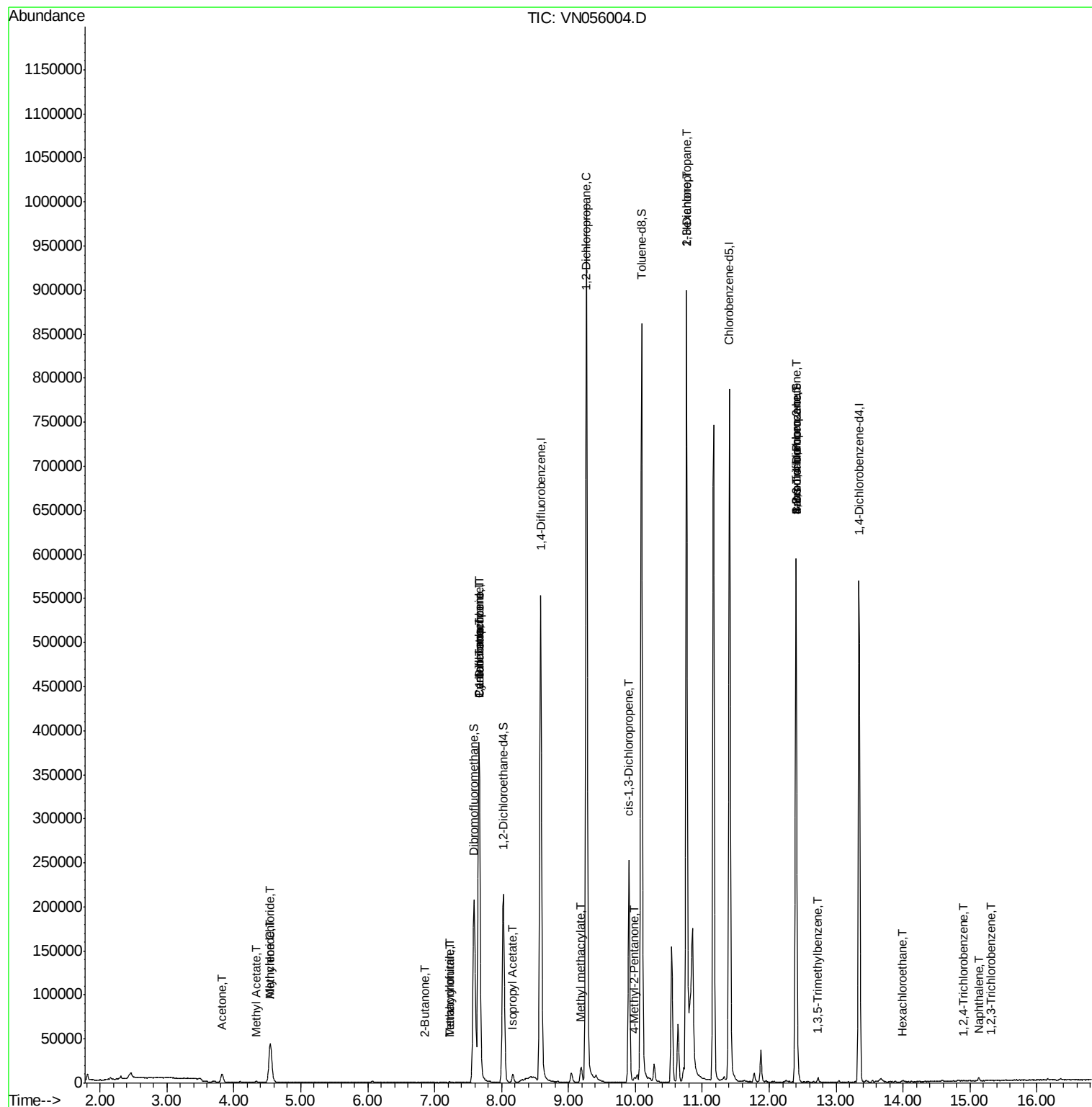
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.53	41	1164	0.235	ug/l #	26
16) Acetone	3.82	43	16889	9.502	ug/l	96
18) Methyl Acetate	4.34	43	3094	0.312	ug/l #	68
20) Methylene Chloride	4.54	84	37022	10.110	ug/l	96
25) 2-Butanone	6.86	43	1810	0.806	ug/l #	47
29) Tetrahydrofuran	7.21	42	329	0.237	ug/l #	73
31) Cyclohexane	7.66	56	5170	0.877	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	20934	4.422	ug/l #	48
38) Carbon Tetrachloride	7.66	117	29765	6.819	ug/l #	15
41) Methacrylonitrile	7.22	41	586	0.302	ug/l #	19
43) Isopropyl Acetate	8.17	43	11814	1.731	ug/l #	86
45) 1,2-Dichloropropane	9.27	63	1146	0.311	ug/l #	44
48) Methyl methacrylate	9.18	41	6703	2.007	ug/l #	12
51) 4-Methyl-2-Pentanone	9.99	43	3638	0.852	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	50535	9.631	ug/l #	57
57) 1,3-Dichloropropane	10.76	76	9854	1.710	ug/l #	42
59) 2-Hexanone	10.76	43	109355	35.346	ug/l #	56
71) Bromoform	12.39	173	421	2.875	ug/l #	29
73) Isopropylbenzene	12.25	105	201	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.40	75	97605	30.233	ug/l #	100
79) 2-Chlorotoluene	12.67	91	93	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	2740	0.232	ug/l	92
81) trans-1,4-Dichloro-2-buten	12.40	75	97605	100.681	ug/l #	15
83) tert-Butylbenzene	13.04	119	69	Below Cal	#	28
90) Hexachloroethane	13.99	117	401	0.226	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	30	4.278	ug/l #	88
95) Naphthalene	15.13	128	4167	4.310	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.31	180	71	3.051	ug/l #	48

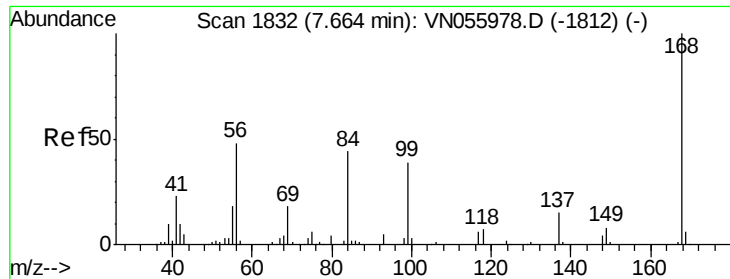
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060519\
Data File : VN056004.D
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ALS Vial : 11 Sample Multiplier: 1

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Quant Time: Jun 06 01:20:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056004.D

Acq: 5 Jun 2019 12:51

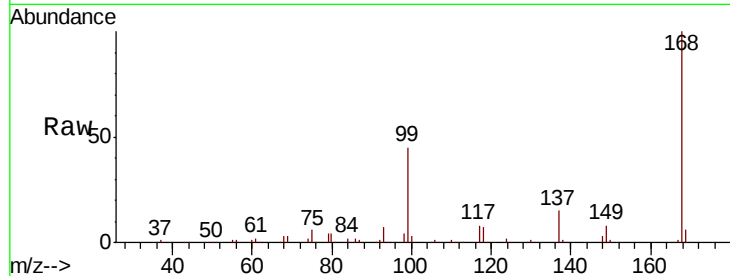
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 374288

Ion Ratio Lower Upper

168 100

99 44.7 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

150000

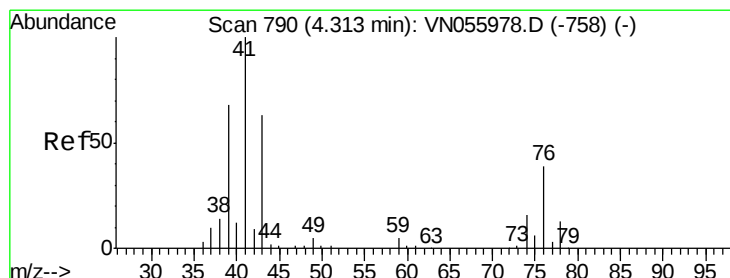
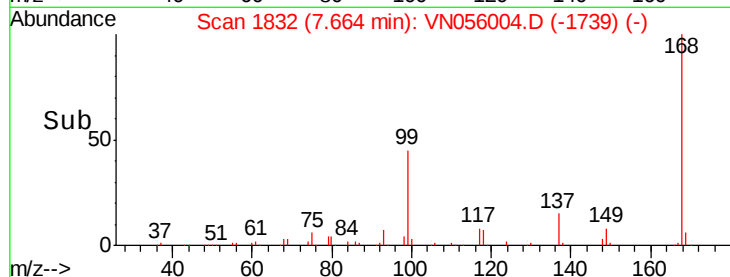
100000

50000

0

7.60 7.80

Time-->



#14

Allyl chloride

Concen: 0.235 ug/l

RT: 4.53 min Scan# 858

Delta R.T. 0.22 min

Lab File: VN056004.D

Acq: 5 Jun 2019 12:51

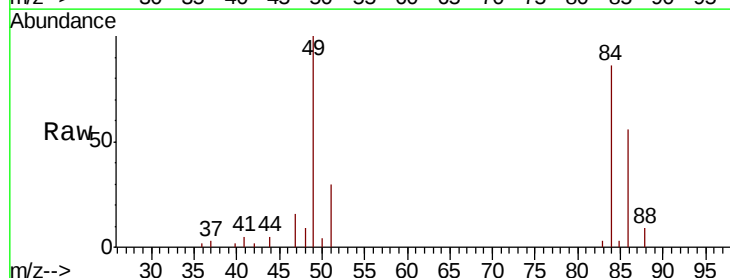
Tgt Ion: 41 Resp: 1164

Ion Ratio Lower Upper

41 100

39 0.0 50.0 75.0#

76 0.0 28.2 42.2#



Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 39.00 (38.70 to 39.70): VN

Ion 75.90 (75.60 to 76.60): VN

4.53

600

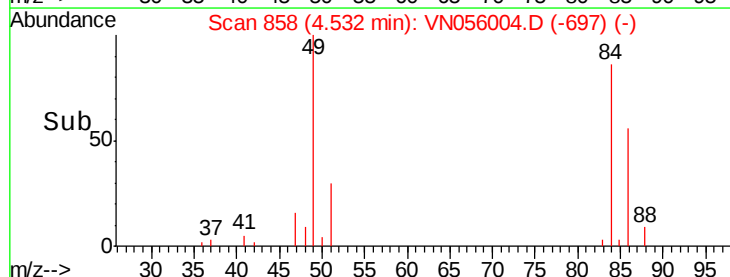
400

200

0

4.50 4.55

Time-->





#16

Acetone

Concen: 9.502 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056004.D

Acq: 5 Jun 2019 12:51

Instrument :

MSVOA_N

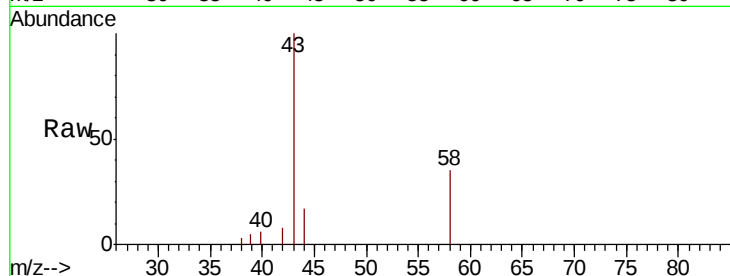
ClientSampleId :

Tot Ion: 43 Resp: 16889

Ion Ratio Lower Upper

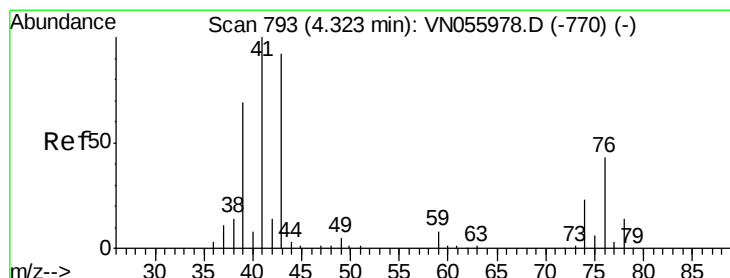
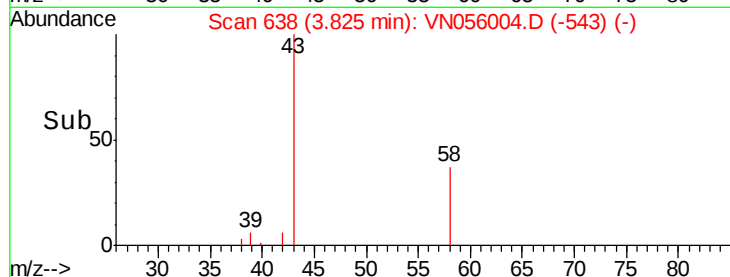
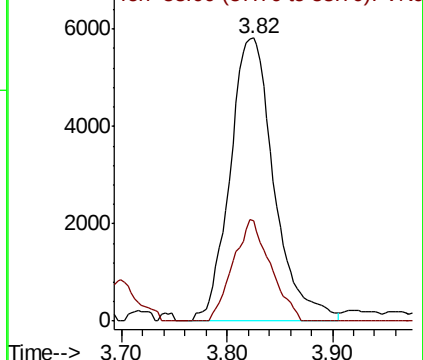
43 100

58 35.3 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-616) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-616) (-)



#18

Methyl Acetate

Concen: 0.312 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN056004.D

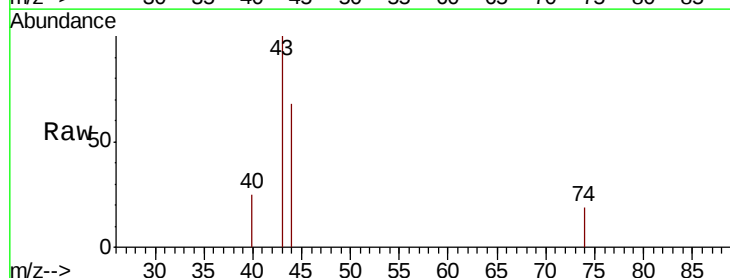
Acq: 5 Jun 2019 12:51

Tgt Ion: 43 Resp: 3094

Ion Ratio Lower Upper

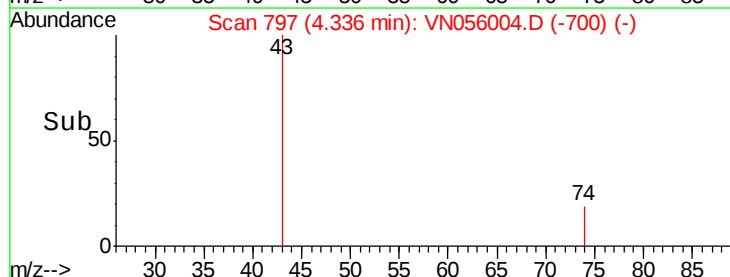
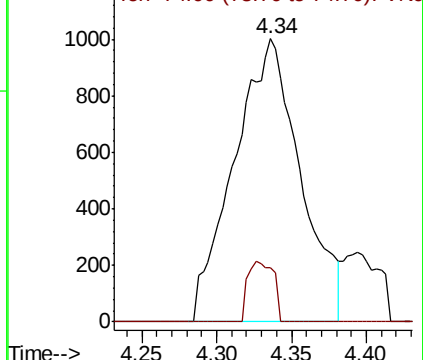
43 100

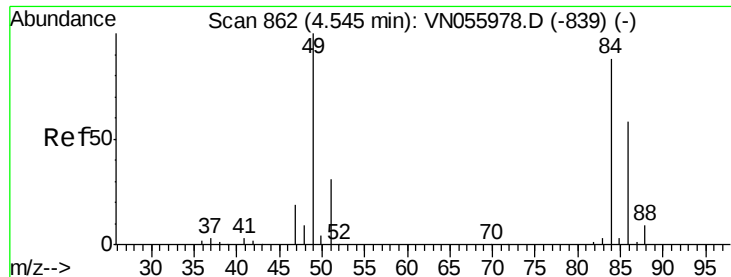
74 8.2 19.3 28.9#



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-770) (-)

Ion 74.00 (73.70 to 74.70): VN055978.D (-770) (-)

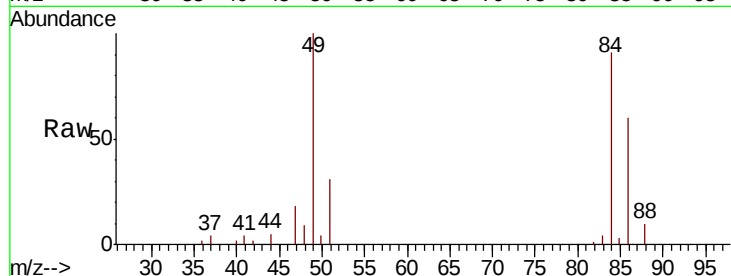




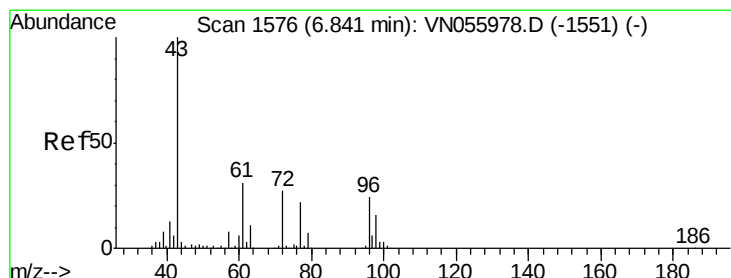
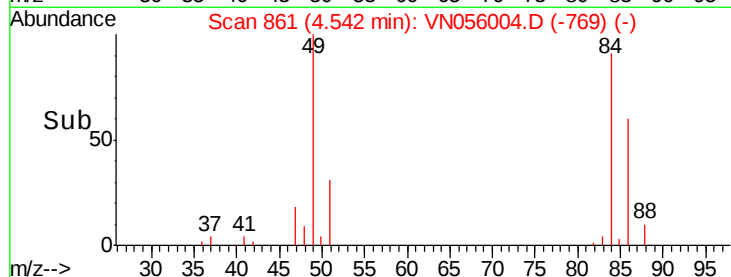
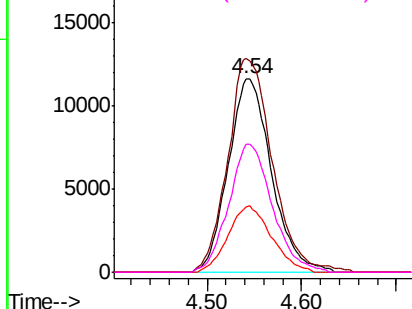
#20
Methvlene Chloride
Concen: 10.110 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056004.D
Acq: 5 Jun 2019 12:51

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 84 Resp: 37022
Ion Ratio Lower Upper
84 100
49 110.4 93.5 140.3
51 34.0 28.6 43.0
86 66.1 52.6 79.0

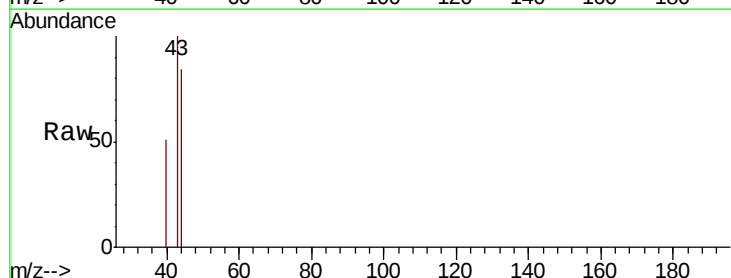


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

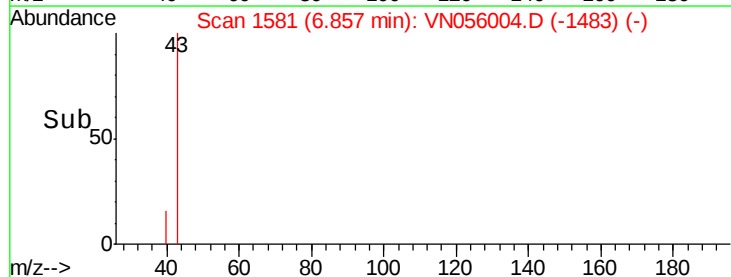
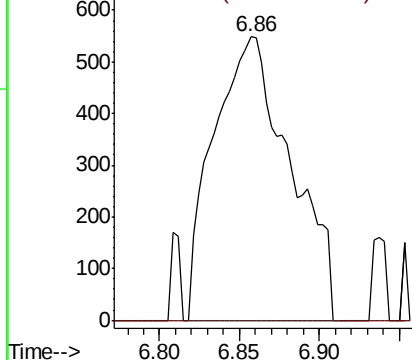


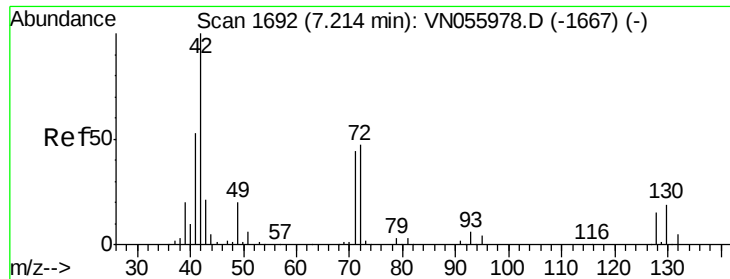
#25
2-Butanone
Concen: 0.806 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.02 min
Lab File: VN056004.D
Acq: 5 Jun 2019 12:51

Tgt Ion: 43 Resp: 1810
Ion Ratio Lower Upper
43 100
72 0.0 21.9 32.9#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 72.00 (71.70 to 72.70): VNO

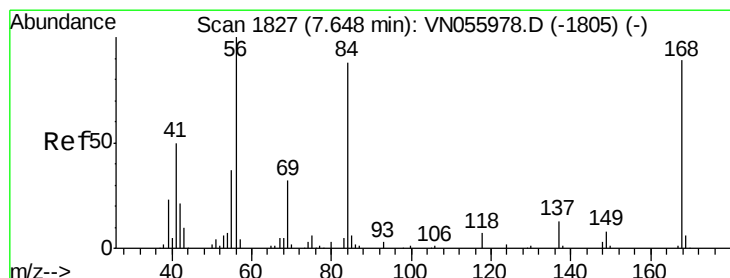
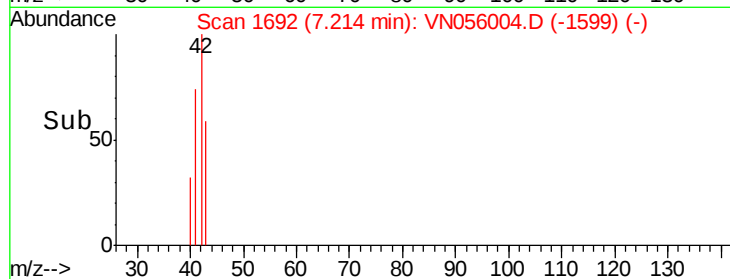
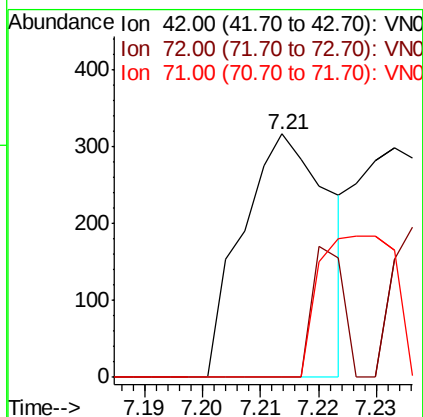
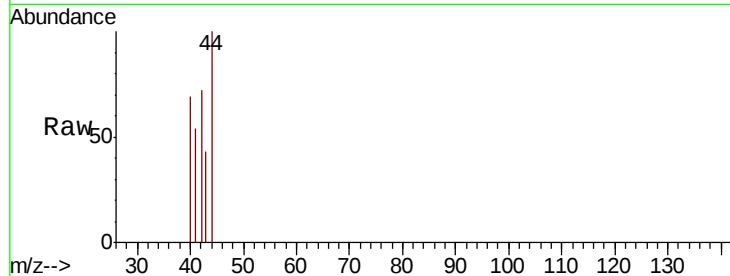




#29
Tetrahydrofuran
Concen: 0.237 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN056004.D
Acq: 5 Jun 2019 12:51

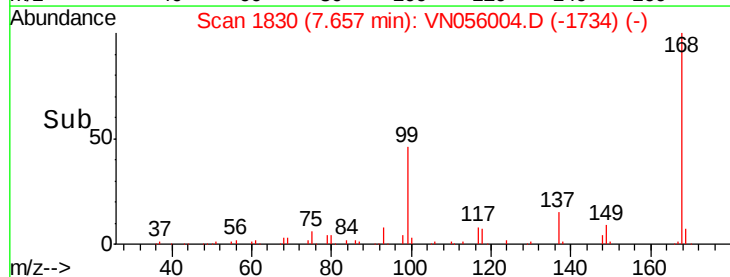
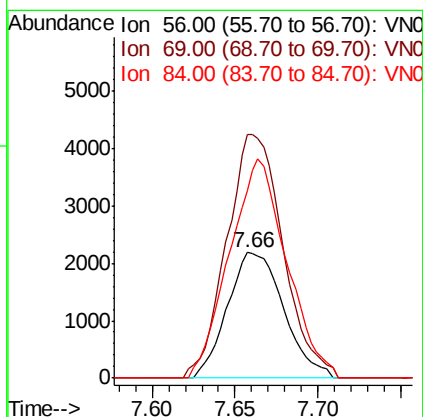
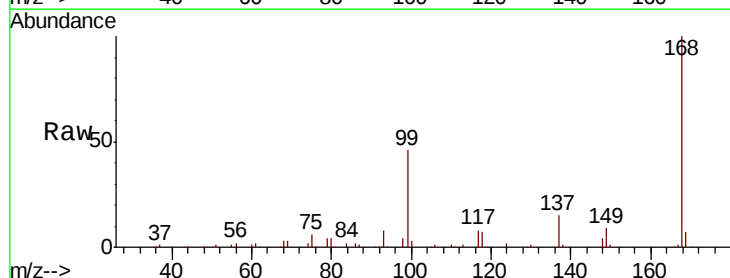
Instrument :
MSVOA_N
ClientSampled :

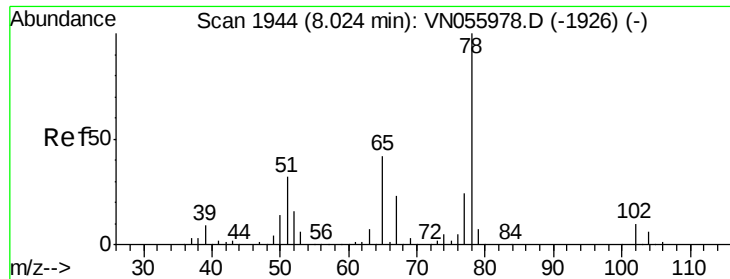
Tot Ion: 42 Resp: 329
Ion Ratio Lower Upper
42 100
72 19.1 35.9 53.9#
71 50.8 34.0 51.0



#31
Cyclohexane
Concen: 0.877 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN056004.D
Acq: 5 Jun 2019 12:51

Tgt Ion: 56 Resp: 5170
Ion Ratio Lower Upper
56 100
69 194.1 25.6 38.4#
84 149.5 67.4 101.0#

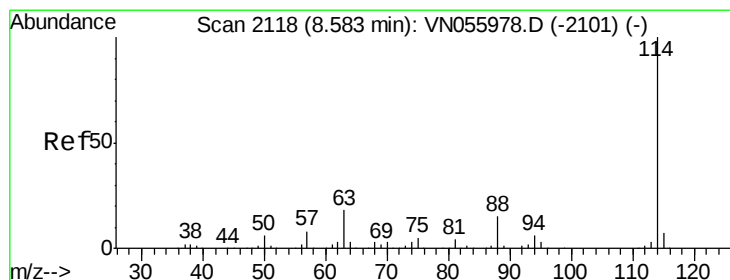
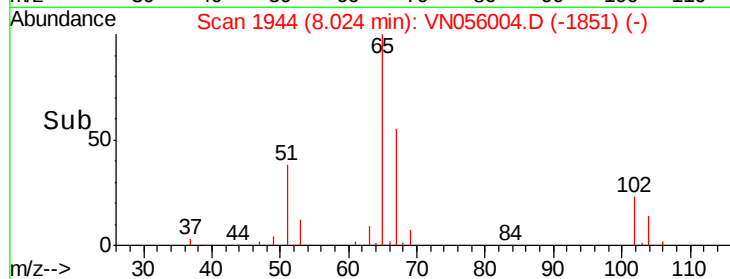
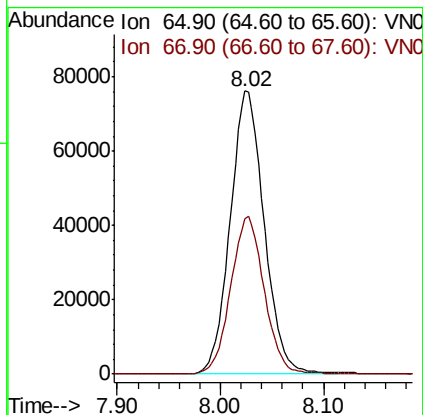
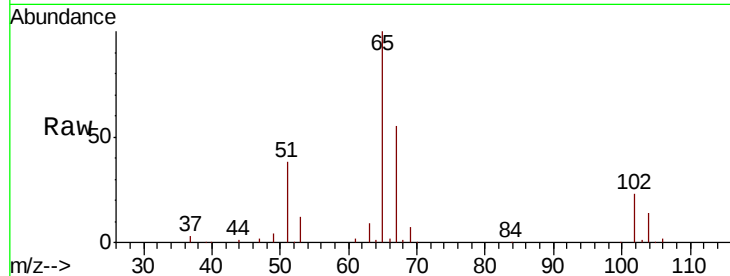




#33
 1,2-Dichloroethane-d4
 Concen: 47.069 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN056004.D
 Acq: 5 Jun 2019 12:51

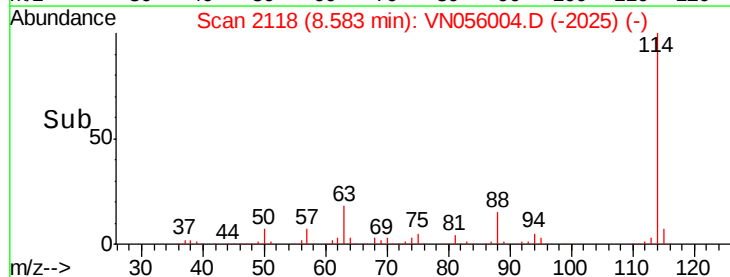
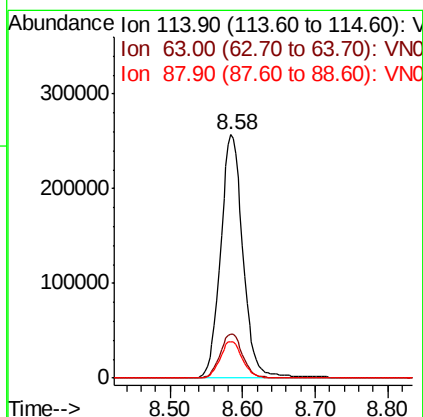
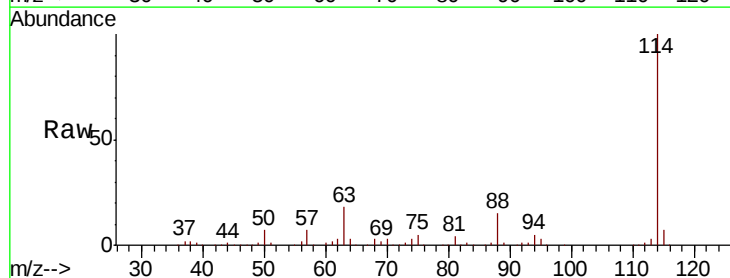
Instrument :
 MSVOA_N
 ClientSampled :

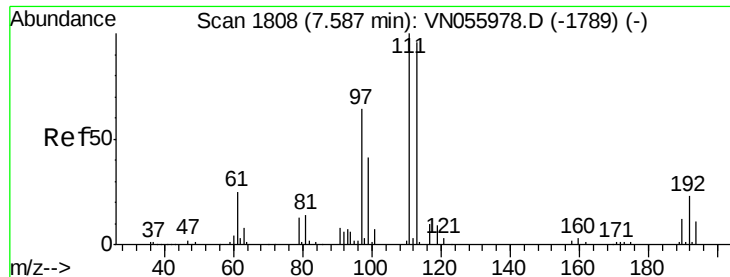
Tot Ion: 65 Resp: 174924
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056004.D
 Acq: 5 Jun 2019 12:51

Tgt Ion: 114 Resp: 550600
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 39.2
 88 15.2 0.0 31.0

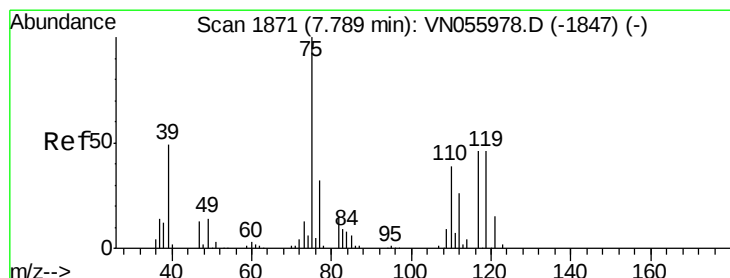
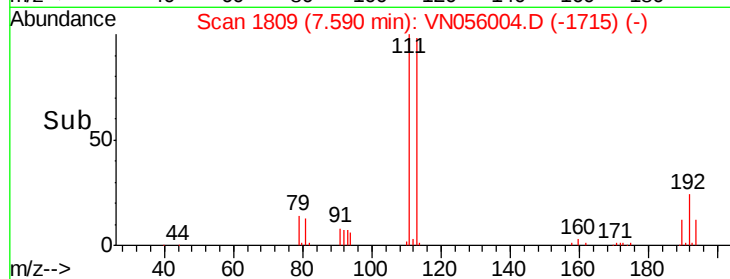
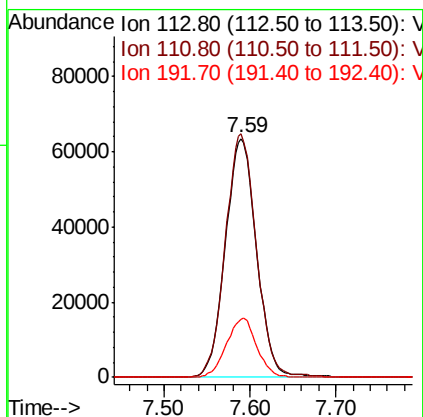
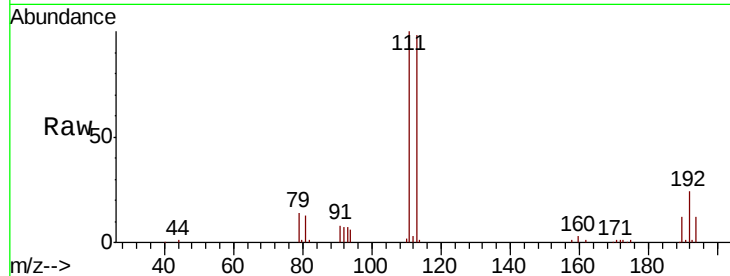




#35
 Dibromofluoromethane
 Concen: 47.220 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056004.D
 Acq: 5 Jun 2019 12:51

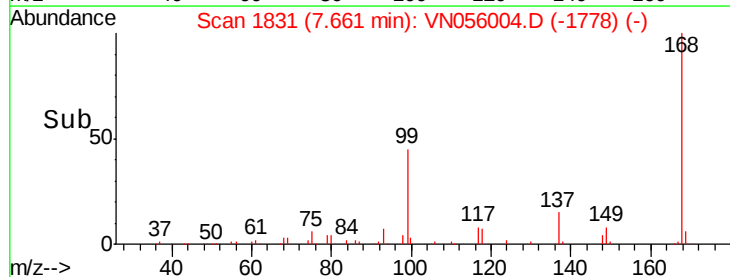
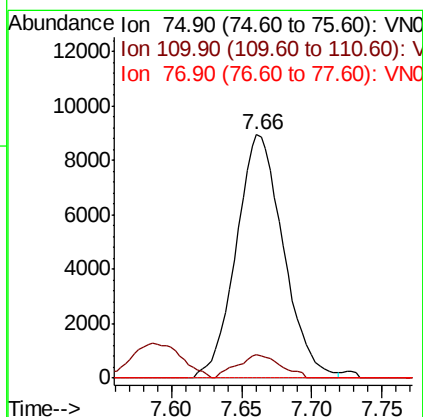
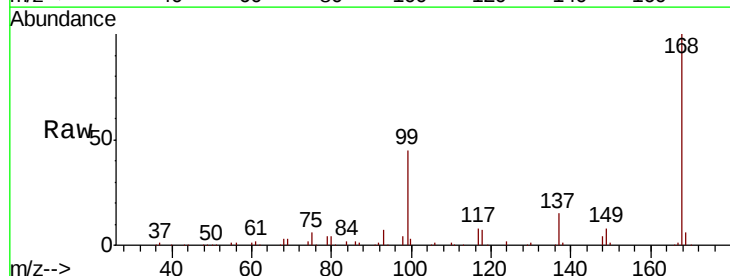
Instrument :
 MSVOA_N
 ClientSampleId :

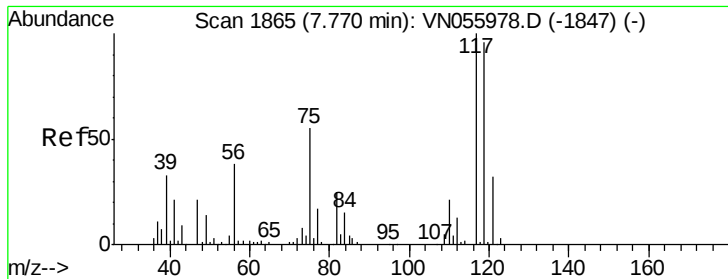
Tot Ion:113 Resp: 159514
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.9 122.9
 192 24.0 19.5 29.3



#36
 1,1-Dichloropropene
 Concen: 4.422 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN056004.D
 Acq: 5 Jun 2019 12:51

Tgt Ion: 75 Resp: 20934
 Ion Ratio Lower Upper
 75 100
 110 8.7 19.0 57.0#
 77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 6.819 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN056004.D

Acq: 5 Jun 2019 12:51

Instrument :

MSVOA_N

ClientSampleId :

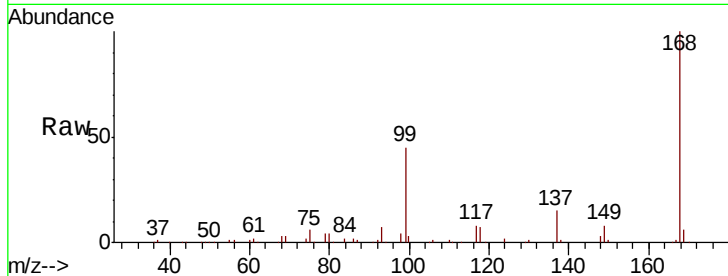
Tot Ion:117 Resp: 29765

Ion Ratio Lower Upper

117 100

119 5.6 79.0 118.6#

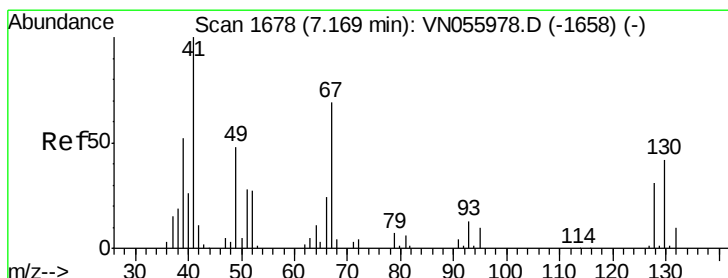
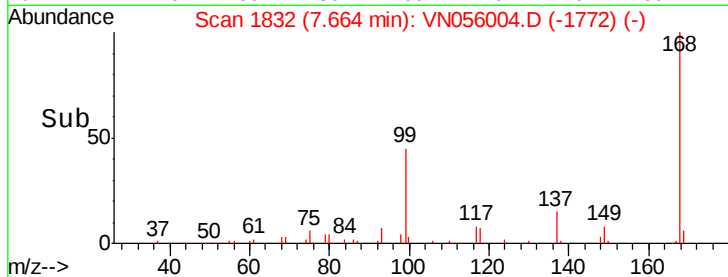
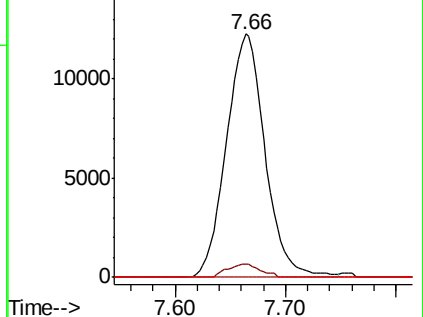
121 0.0 24.7 37.1#



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: 0.302 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.05 min

Lab File: VN056004.D

Acq: 5 Jun 2019 12:51

Tgt Ion: 41 Resp: 586

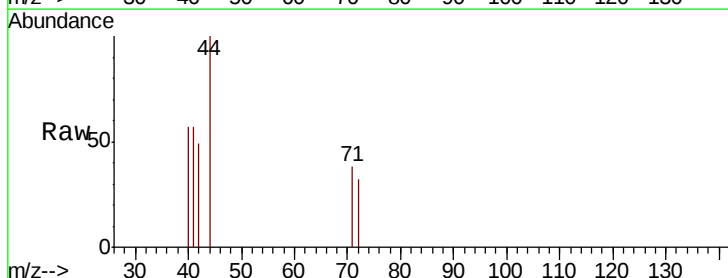
Ion Ratio Lower Upper

41 100

39 0.0 45.6 68.4#

67 0.0 67.7 101.5#

52 0.0 26.6 40.0#

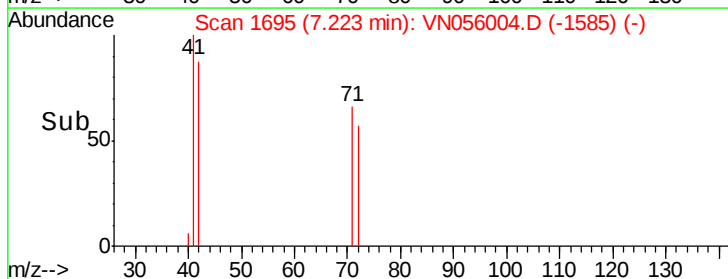
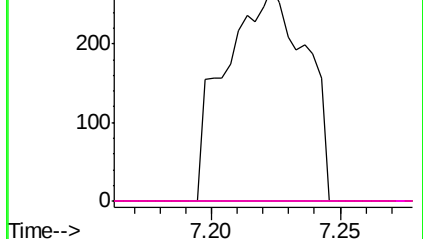


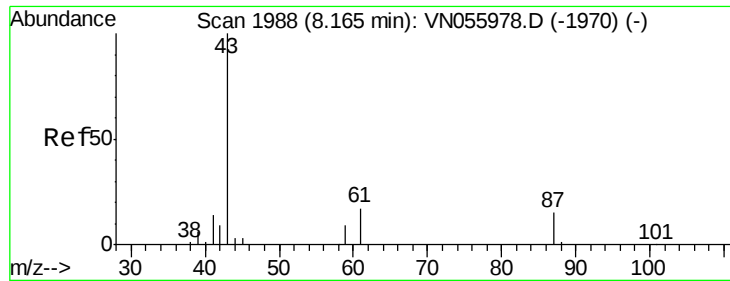
Abundance Ion 41.00 (40.70 to 41.70): V

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: 1.731 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056004.D

Acq: 5 Jun 2019 12:51

Instrument :

MSVOA_N

ClientSampleId :

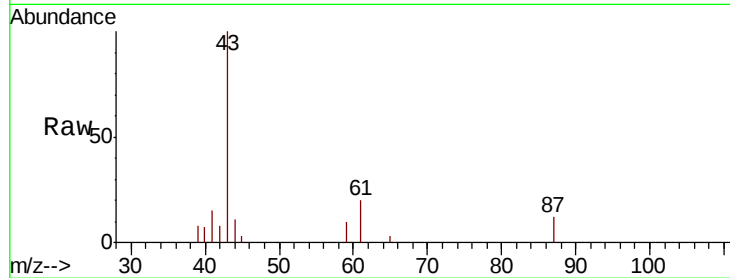
Tot Ion: 43 Resp: 11814

Ion Ratio Lower Upper

43 100

61 18.2 22.2 33.4#

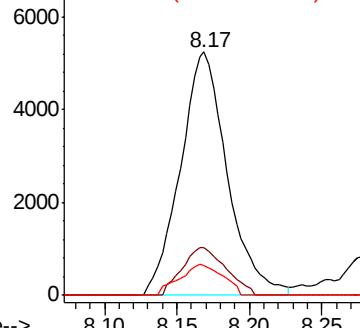
87 11.7 11.4 17.2



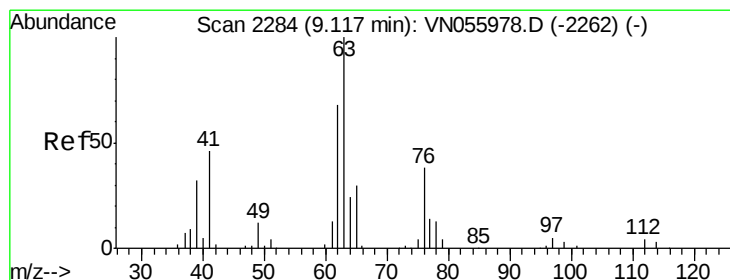
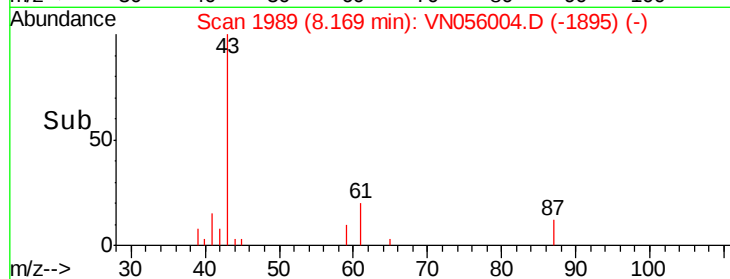
Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055978.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055978.D (-1970) (-)



Time-->



#45

1,2-Dichloropropane

Concen: 0.311 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN056004.D

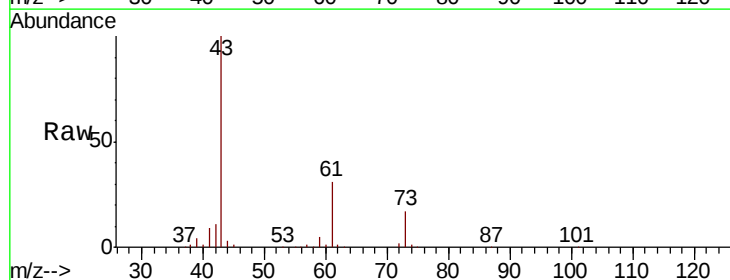
Acq: 5 Jun 2019 12:51

Tgt Ion: 63 Resp: 1146

Ion Ratio Lower Upper

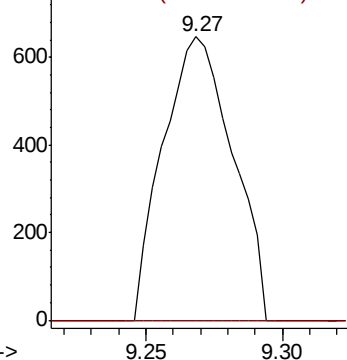
63 100

65 0.0 24.6 36.8#

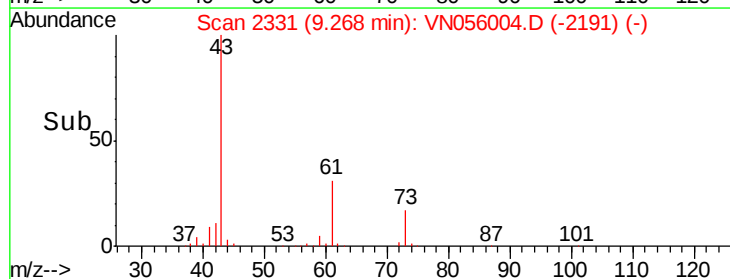


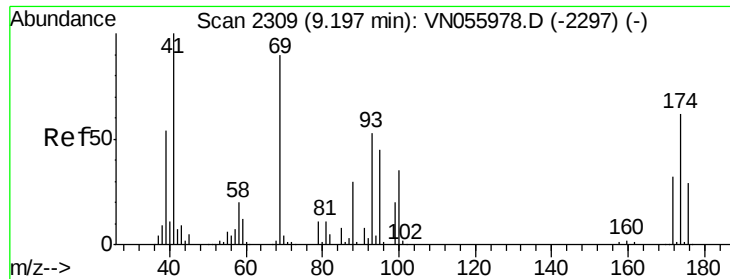
Abundance Ion 62.90 (62.60 to 63.60): VN055978.D (-2262) (-)

Ion 64.90 (64.60 to 65.60): VN055978.D (-2262) (-)



Time-->





#48

Methyl methacrylate

Concen: 2.007 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN056004.D

Acq: 5 Jun 2019 12:51

Instrument :
MSVOA_N
ClientSampled :

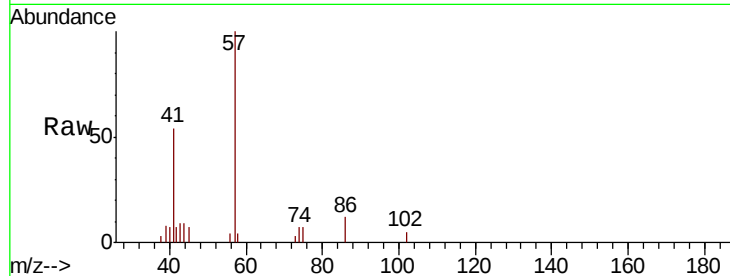
Tot Ion: 41 Resp: 6703

Ion Ratio Lower Upper

41 100

69 0.0 71.0 106.6#

39 0.0 44.2 66.2#

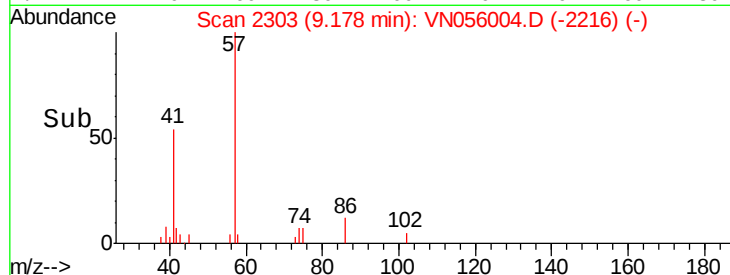


Abundance Ion 41.00 (40.70 to 41.70): VN055978.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN055978.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN055978.D (-2297) (-)

Time-->

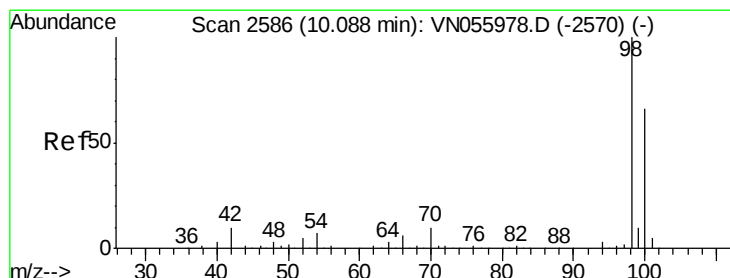


Abundance Ion 41.00 (40.70 to 41.70): VN056004.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN056004.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN056004.D (-2216) (-)

Time-->



#50

Toluene-d8

Concen: 50.526 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056004.D

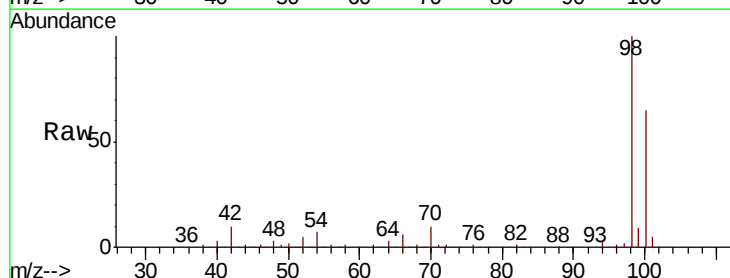
Acq: 5 Jun 2019 12:51

Tgt Ion: 98 Resp: 656788

Ion Ratio Lower Upper

98 100

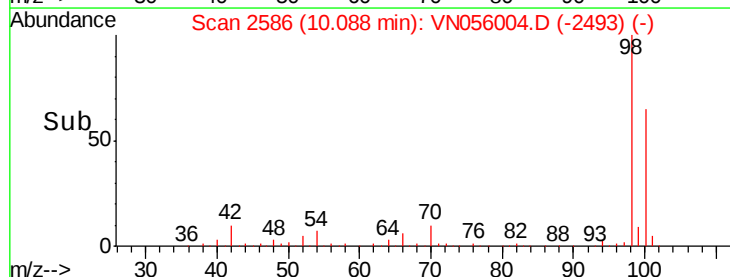
100 64.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)

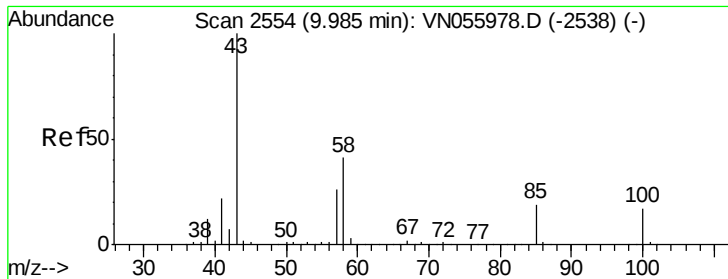
Time-->



Abundance Ion 98.00 (97.70 to 98.70): VN056004.D (-2493) (-)

Ion 100.00 (99.70 to 100.70): VN056004.D (-2493) (-)

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.852 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN056004.D

Acq: 5 Jun 2019 12:51

Instrument :

MSVOA_N

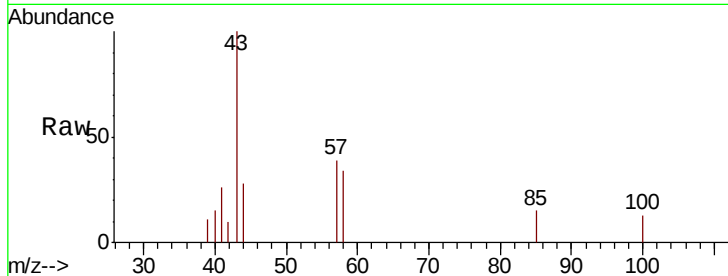
ClientSampled :

Tot Ion: 43 Resp: 3638

Ion Ratio Lower Upper

43 100

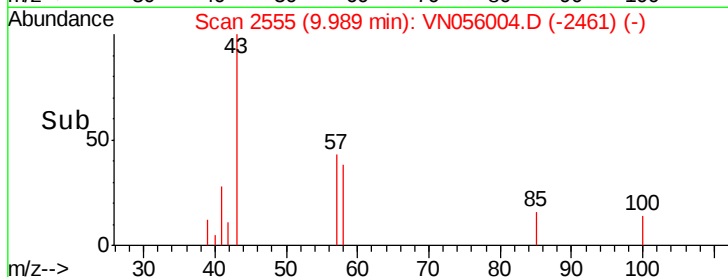
58 38.8 32.1 48.1



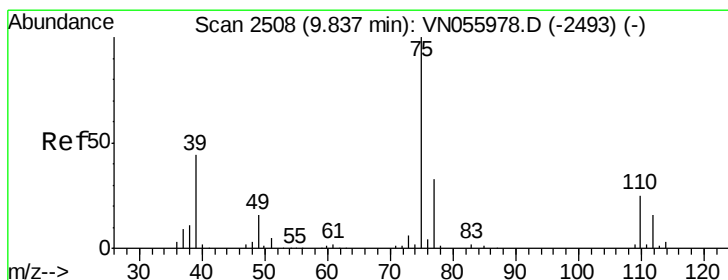
Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-2538) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-2538) (-)

Time-->



Time-->



#54

cis-1,3-Dichloropropene

Concen: 9.631 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056004.D

Acq: 5 Jun 2019 12:51

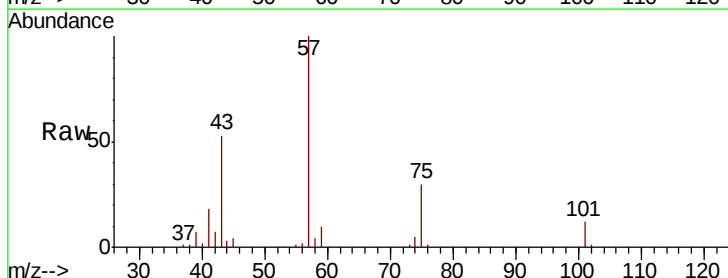
Tgt Ion: 75 Resp: 50535

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

39 23.1 36.3 54.5#

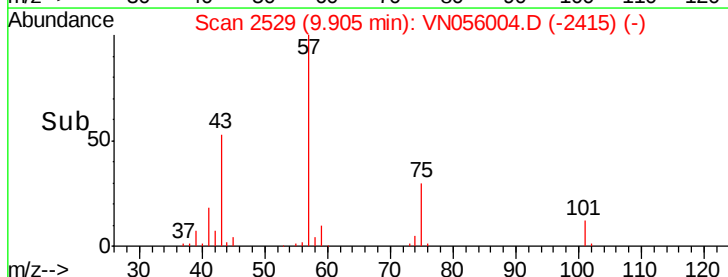


Abundance Ion 74.90 (74.60 to 75.60): VN055978.D (-2493) (-)

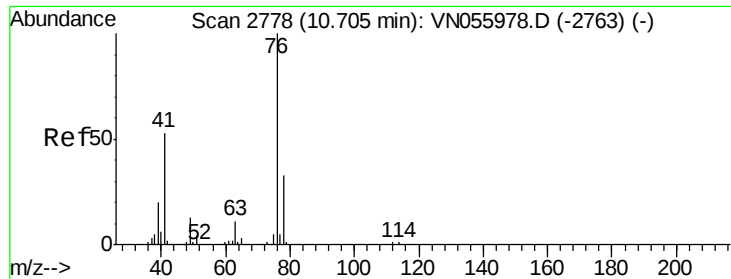
Ion 76.90 (76.60 to 77.60): VN055978.D (-2493) (-)

Ion 39.00 (38.70 to 39.70): VN055978.D (-2493) (-)

Time-->



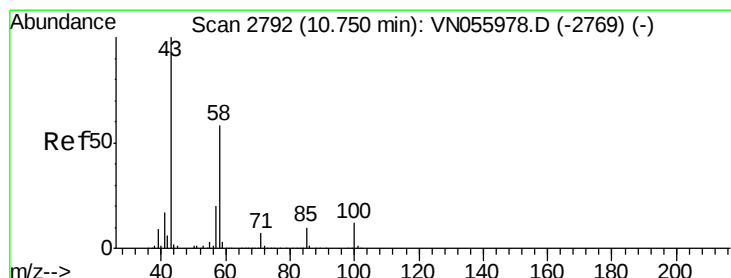
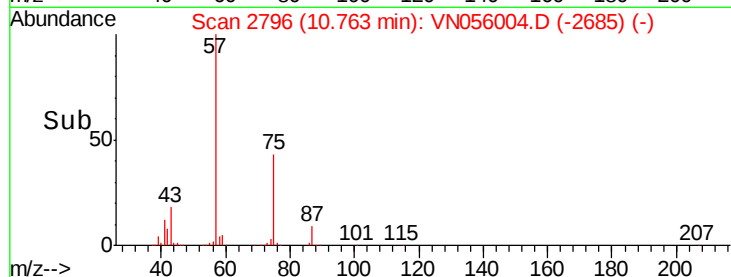
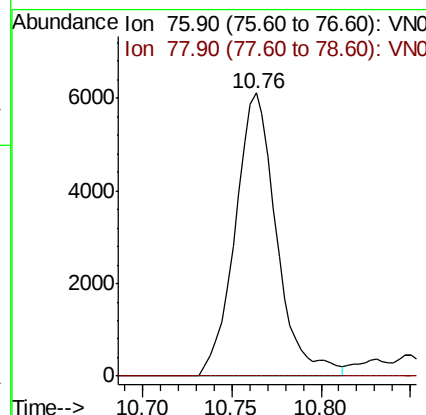
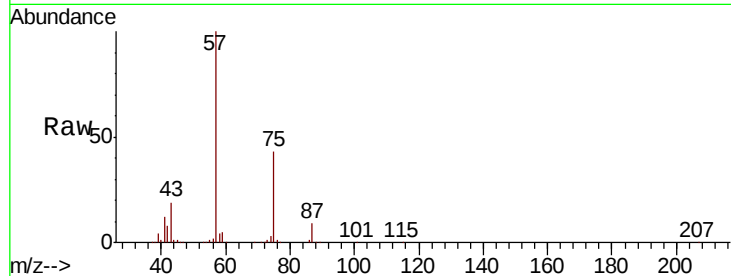
Time-->



#57
 1,3-Dichloropropane
 Concen: 1.710 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN056004.D
 Acq: 5 Jun 2019 12:51

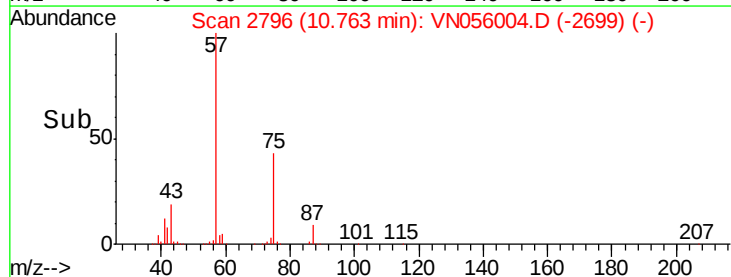
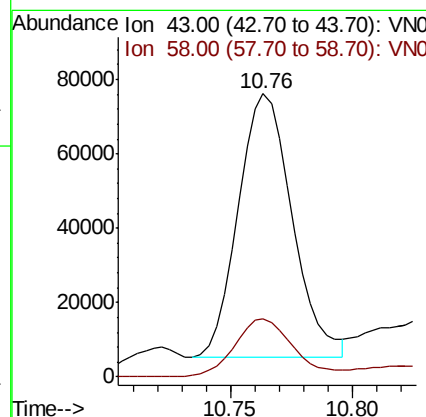
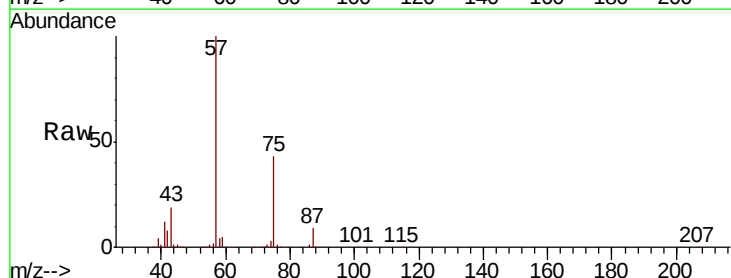
Instrument :
 MSVOA_N
 ClientSampleId :

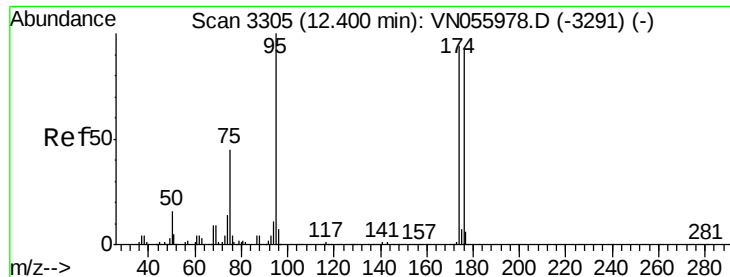
Tot Ion: 76 Resp: 9854
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.6#



#59
 2-Hexanone
 Concen: 35.346 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN056004.D
 Acq: 5 Jun 2019 12:51

Tgt Ion: 43 Resp: 109355
 Ion Ratio Lower Upper
 43 100
 58 23.9 28.2 84.7#





#62

4-Bromofluorobenzene

Concen: 48.600 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056004.D

Acq: 5 Jun 2019 12:51

Instrument :

MSVOA_N

ClientSampleId :

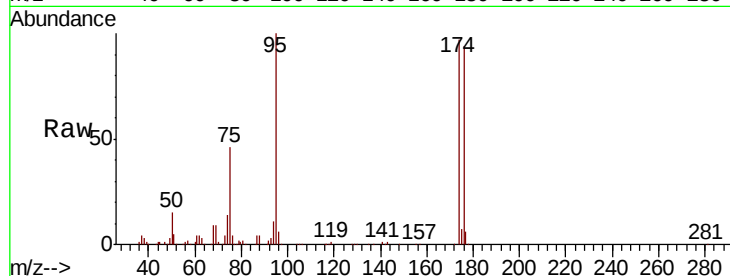
Tot Ion: 95 Resp: 214845

Ion Ratio Lower Upper

95 100

174 95.4 0.0 191.0

176 92.7 0.0 185.2

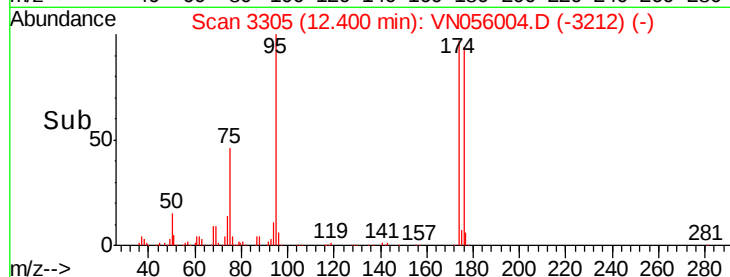


Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

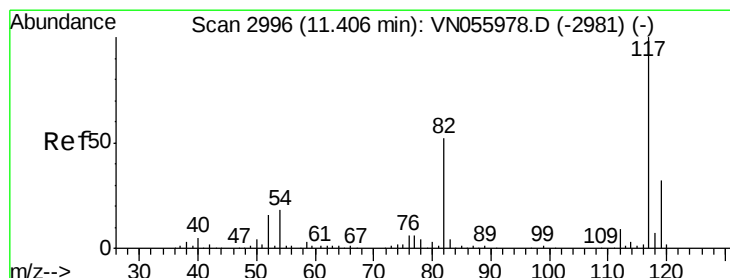
Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)

12.40



Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056004.D

Acq: 5 Jun 2019 12:51

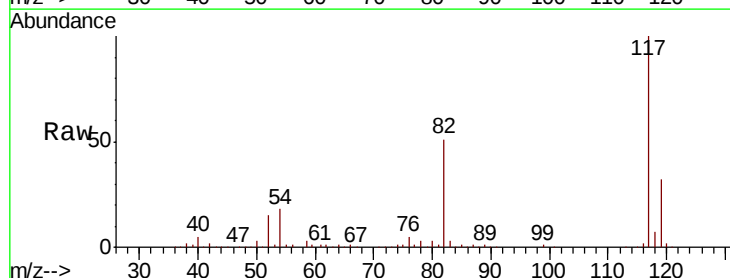
Tgt Ion: 117 Resp: 517934

Ion Ratio Lower Upper

117 100

82 51.1 41.8 62.8

119 32.2 25.4 38.0

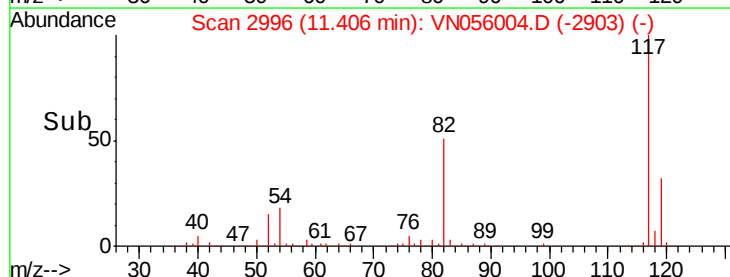


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

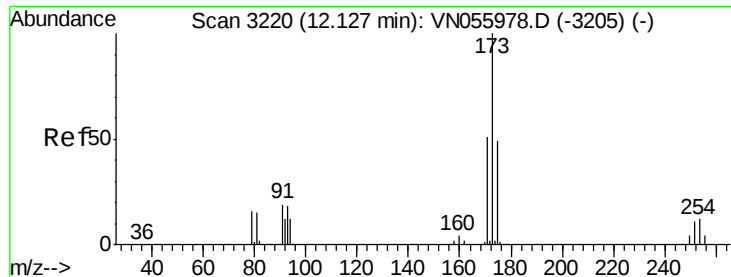
Ion 82.00 (81.70 to 82.70): VN055978.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055978.D (-2981) (-)

11.41



Time--> 11.30 11.40 11.50



#71

Bromoform

Concen: 2.875 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.27 min

Lab File: VN056004.D

Acq: 5 Jun 2019 12:51

Instrument :

MSVOA_N

ClientSampled :

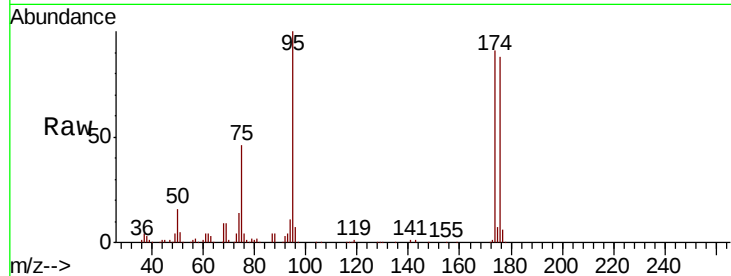
Tot Ion:173 Resp: 421

Ion Ratio Lower Upper

173 100

175 0.0 24.3 72.8#

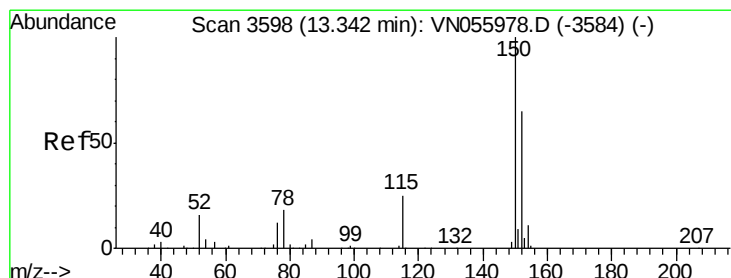
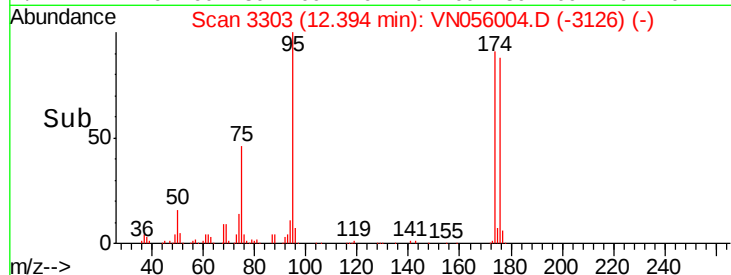
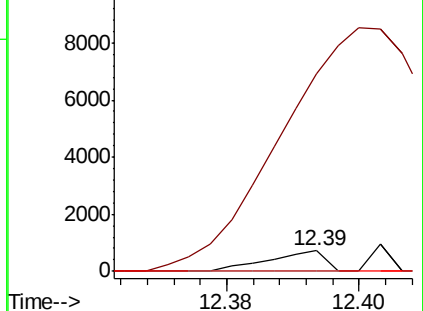
254 0.0 0.0 0.0



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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056004.D

Acq: 5 Jun 2019 12:51

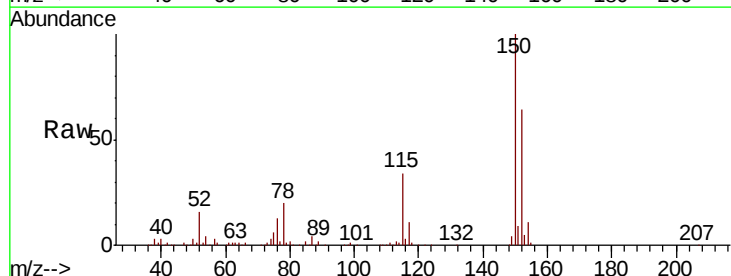
Tgt Ion:152 Resp: 175455

Ion Ratio Lower Upper

152 100

115 53.5 27.0 81.0

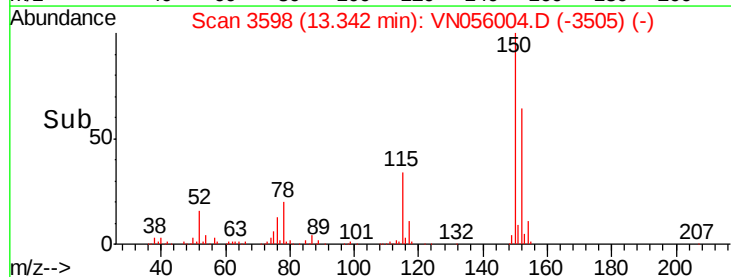
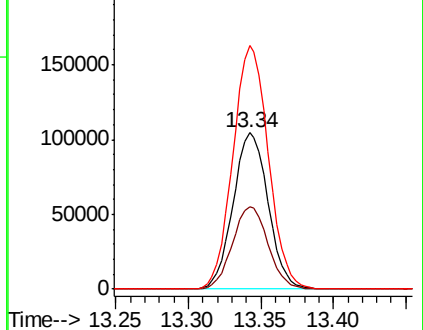
150 157.5 0.0 343.2

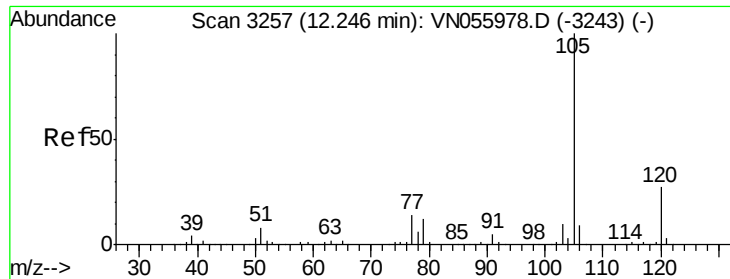


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056004.D

Acq: 5 Jun 2019 12:51

Instrument :

MSVOA_N

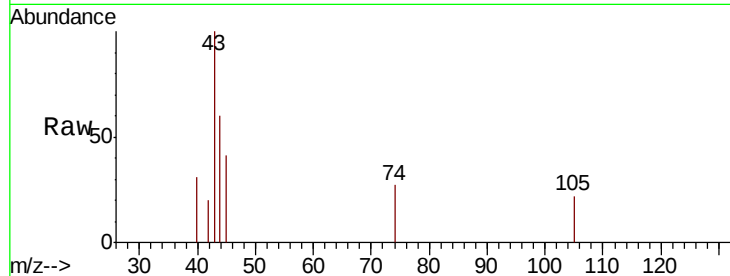
ClientSampled :

Tot Ion: 105 Resp: 201

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

200

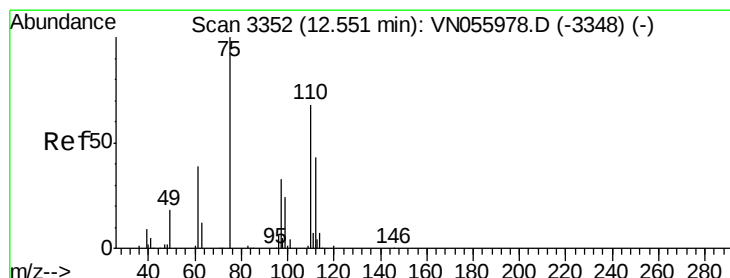
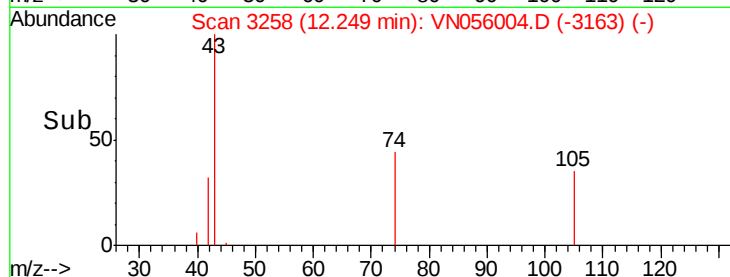
150

100

50

0

Time--> 12.22 12.24 12.26



#76

1,2,3-Trichloropropane

Concen: 30.233 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056004.D

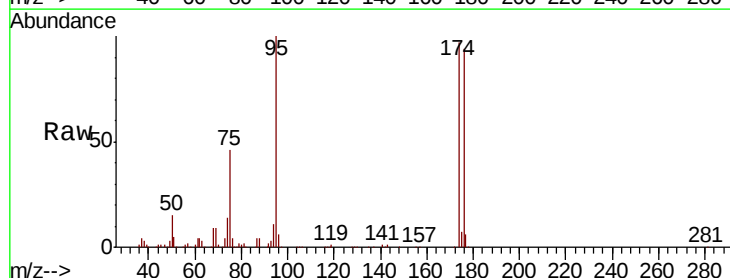
Acq: 5 Jun 2019 12:51

Tgt Ion: 75 Resp: 97605

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

60000

50000

40000

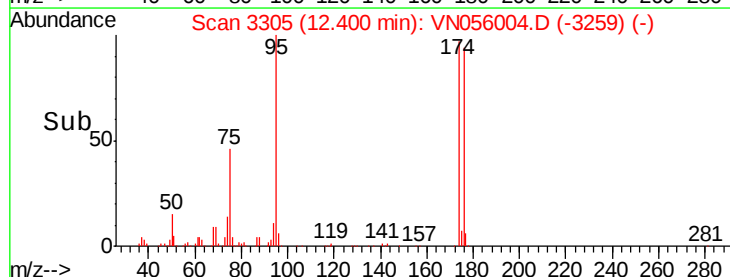
30000

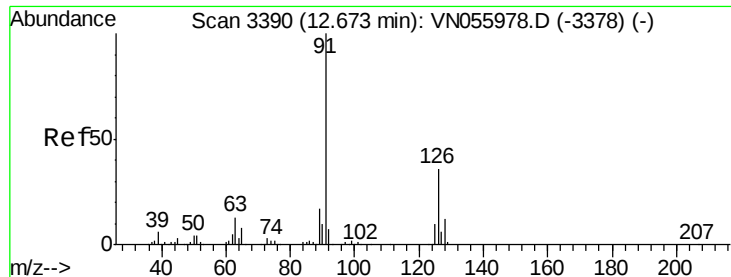
20000

10000

0

Time--> 12.40 12.50





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN056004.D

Acq: 5 Jun 2019 12:51

Instrument :

MSVOA_N

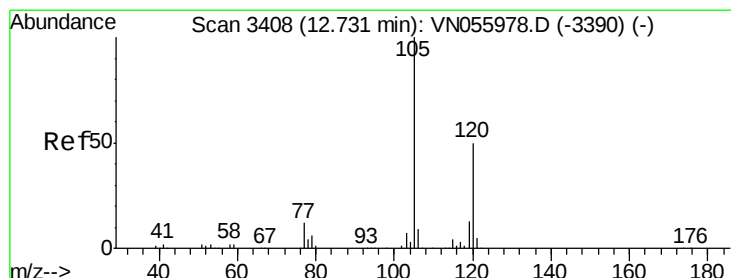
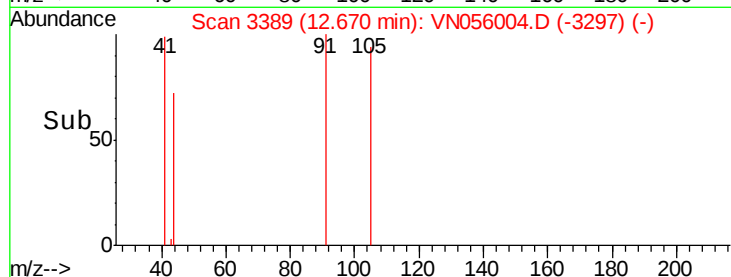
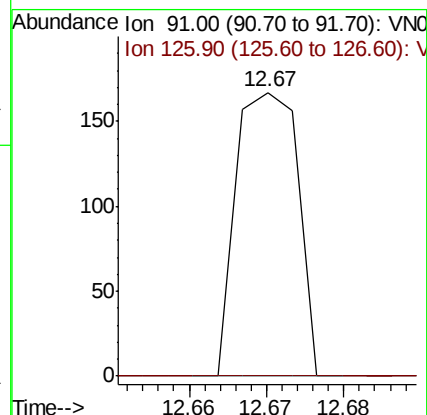
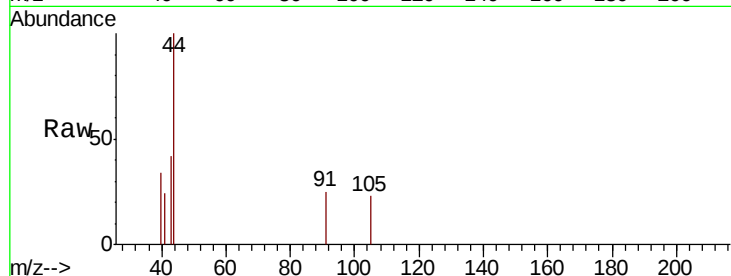
ClientSampled :

Tot Ion: 91 Resp: 93

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.4#



#80

1,3,5-Trimethylbenzene

Concen: 0.232 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056004.D

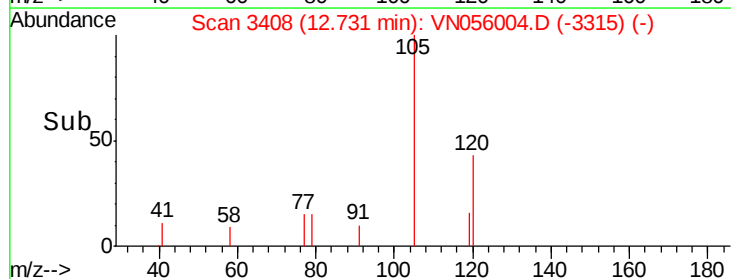
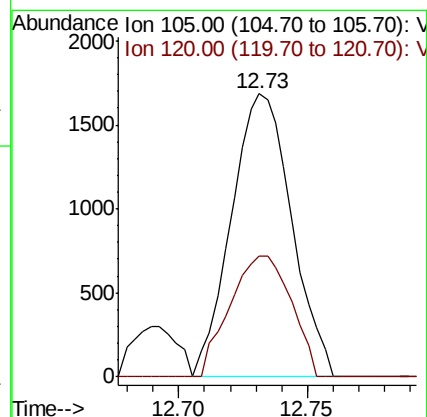
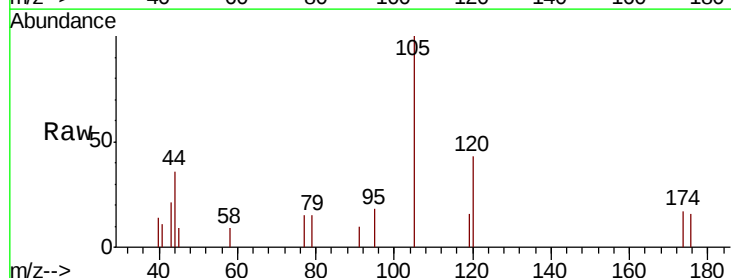
Acq: 5 Jun 2019 12:51

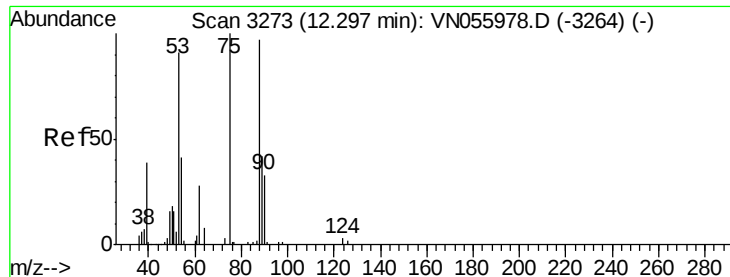
Tgt Ion: 105 Resp: 2740

Ion Ratio Lower Upper

105 100

120 43.7 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 100.681 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056004.D

Acq: 5 Jun 2019 12:51

Instrument :

MSVOA_N

ClientSampled :

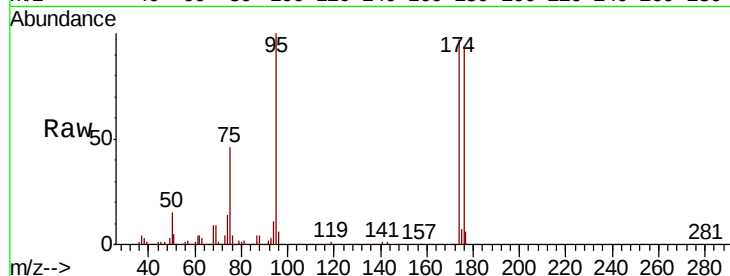
Tot Ion: 75 Resp: 97605

Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

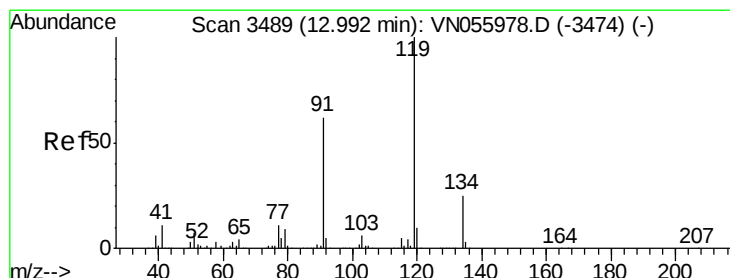
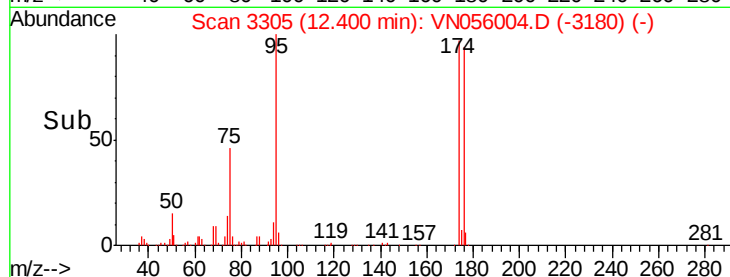
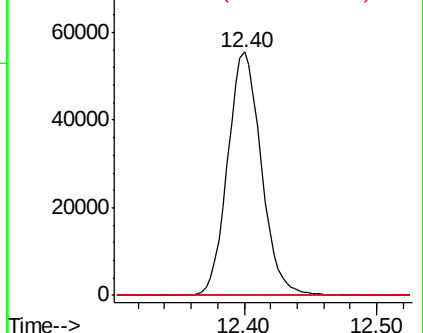
89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN055978.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN055978.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN055978.D (-3264) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.04 min Scan# 3505

Delta R.T. 0.05 min

Lab File: VN056004.D

Acq: 5 Jun 2019 12:51

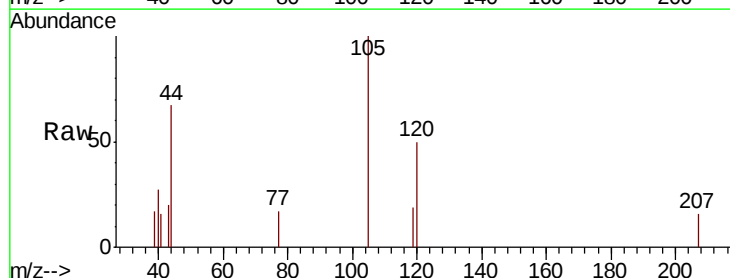
Tgt Ion: 119 Resp: 69

Ion Ratio Lower Upper

119 100

91 0.0 30.9 92.8#

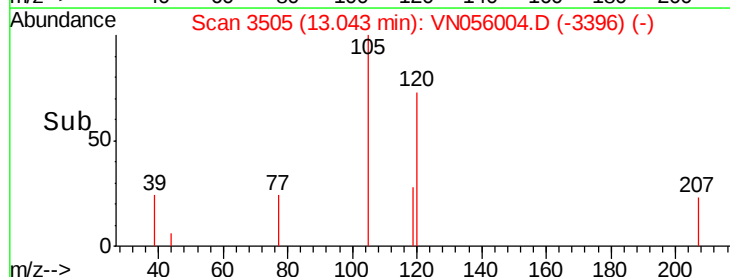
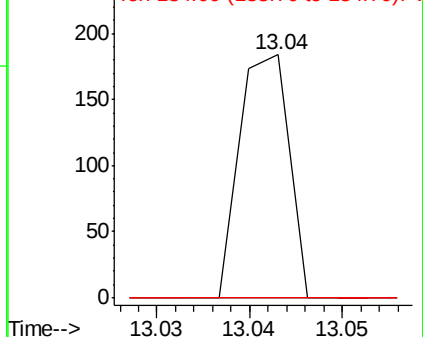
134 0.0 13.3 39.8#

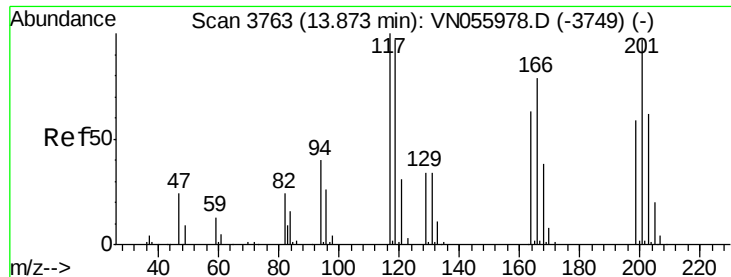


Abundance Ion 119.00 (118.70 to 119.70): VN055978.D (-3474) (-)

Ion 91.00 (90.70 to 91.70): VN055978.D (-3474) (-)

Ion 134.00 (133.70 to 134.70): VN055978.D (-3474) (-)





#90

Hexachloroethane

Concen: 0.226 ug/l

RT: 13.99 min Scan# 3801

Delta R.T. 0.12 min

Lab File: VN056004.D

Acq: 5 Jun 2019 12:51

Instrument :

MSVOA_N

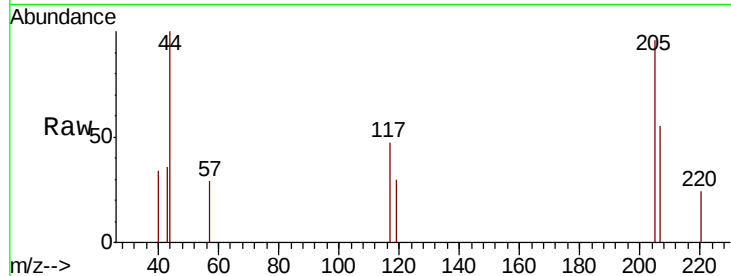
ClientSampleId :

Tot Ion:117 Resp: 401

Ion Ratio Lower Upper

117 100

201 0.0 50.0 150.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.99

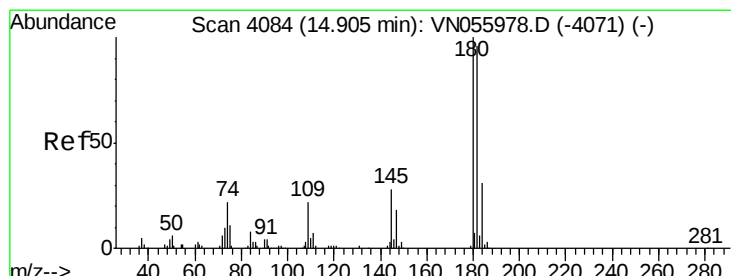
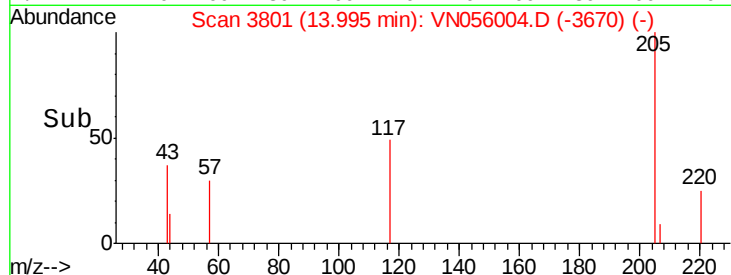
300

200

100

0

Time--> 13.96 13.98 14.00 14.02



#93

1,2,4-Trichlorobenzene

Concen: 4.278 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN056004.D

Acq: 5 Jun 2019 12:51

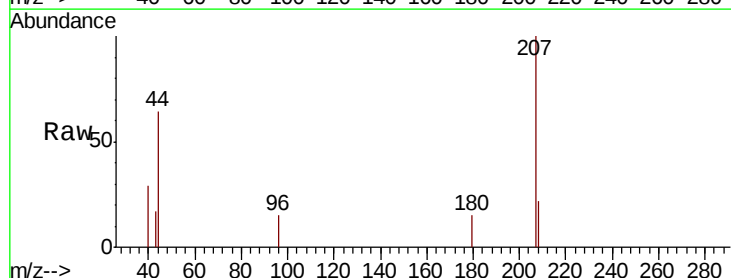
Tgt Ion:180 Resp: 30

Ion Ratio Lower Upper

180 100

182 96.7 48.3 144.9

145 0.0 14.0 41.9#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

200

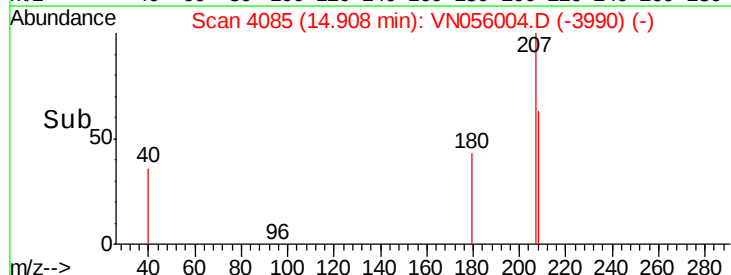
150

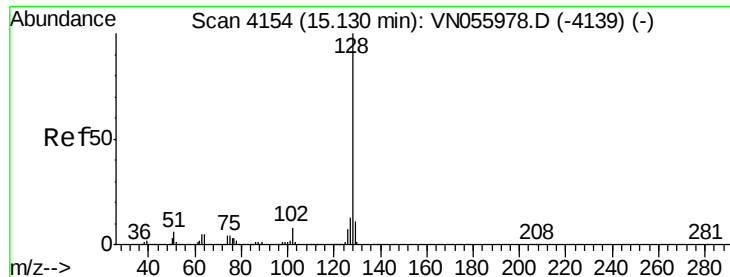
100

50

0

Time--> 14.90 14.91





#95

Naphthalene

Concen: 4.310 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056004.D

Acq: 5 Jun 2019 12:51

Instrument :

MSVOA_N

ClientSampled :

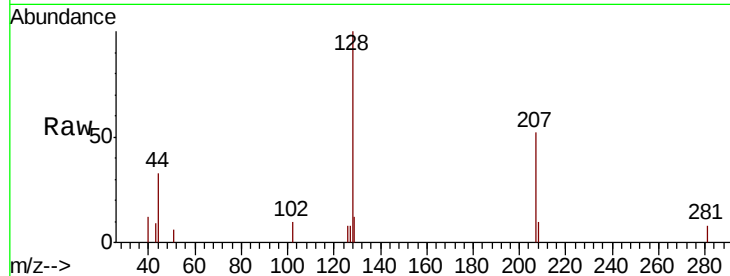
Tot Ion:128 Resp: 4167

Ion Ratio Lower Upper

128 100

127 9.1 10.3 15.5#

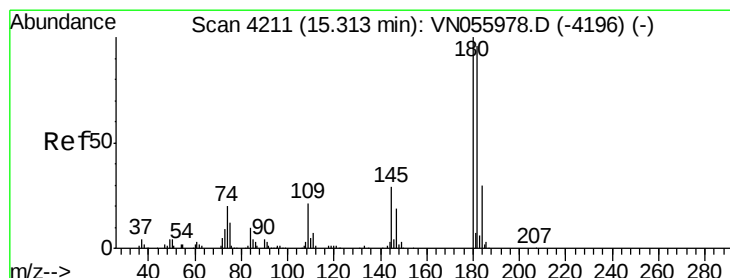
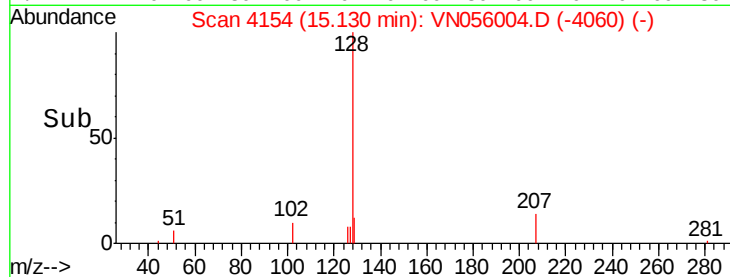
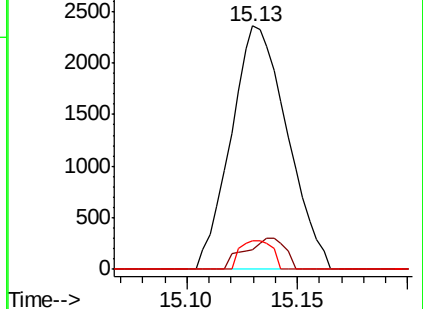
129 6.7 8.7 13.1#



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: 3.051 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056004.D

Acq: 5 Jun 2019 12:51

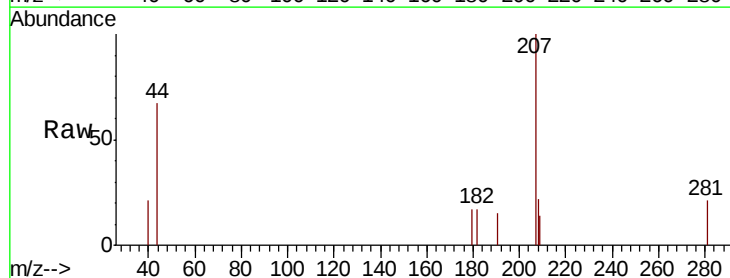
Tgt Ion:180 Resp: 71

Ion Ratio Lower Upper

180 100

182 145.1 47.9 143.7#

145 0.0 14.9 44.7#



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

