

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061219\
 Data File : VN056258.D
 Acq On : 12 Jun 2019 19:01
 Operator : JC/SP
 Sample : K3315-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 13 04:34:58 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

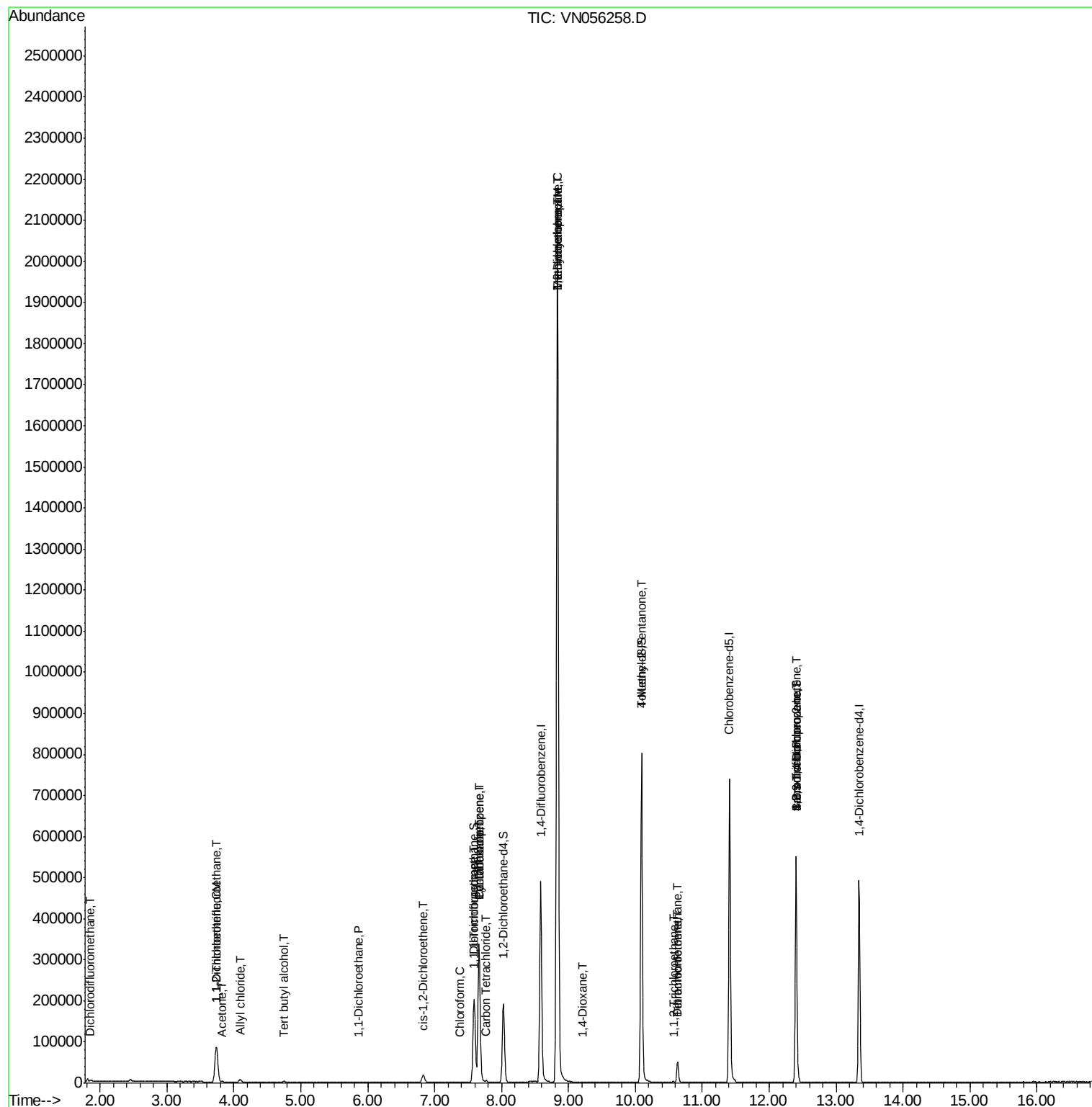
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	326549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	488946	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	480942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	155155	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	162211	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
35) Dibromofluoromethane	7.59	113	155867	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
50) Toluene-d8	10.09	98	606354	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
62) 4-Bromofluorobenzene	12.40	95	190673	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	1092	0.657	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	45748	16.614	ug/l	97
11) Tert butyl alcohol	4.75	59	2720	4.821	ug/l #	74
12) 1,1-Dichloroethene	3.73	96	13590	4.957	ug/l	94
14) Allyl chloride	4.09	41	1053	0.243	ug/l #	65
16) Acetone	3.83	43	3528	2.275	ug/l	94
18) Methyl Acetate	4.32	43	416	Below Cal	#	51
24) 1,1-Dichloroethane	5.85	63	3026	0.586	ug/l #	83
27) cis-1,2-Dichloroethene	6.83	96	13198	3.823	ug/l	84
30) Chloroform	7.37	83	1980	0.381	ug/l #	80
31) Cyclohexane	7.67	56	4261	0.828	ug/l #	1
32) 1,1,1-Trichloroethane	7.57	97	1334	0.308	ug/l #	35
36) 1,1-Dichloropropene	7.66	75	18004	4.282	ug/l #	47
38) Carbon Tetrachloride	7.77	117	1914	0.494	ug/l #	84
39) Methylcyclohexane	8.84	83	9081	1.734	ug/l #	1
44) Trichloroethene	8.83	130	884286	241.001	ug/l	99
45) 1,2-Dichloropropane	8.84	63	1518	0.464	ug/l #	1
49) 1,4-Dioxane	9.21	88	1254	19.586	ug/l	88
51) 4-Methyl-2-Pentanone	10.09	43	2180	0.575	ug/l #	1
55) 1,1,2-Trichloroethane	10.56	97	1029	0.327	ug/l #	88
60) Dibromochloromethane	10.63	129	11115	5.497	ug/l #	11
64) Tetrachloroethene	10.63	164	14090	3.385	ug/l	98
71) Bromoform	12.40	173	1356	3.204	ug/l #	1
73) Isopropylbenzene	12.39	105	64	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.40	75	88653	31.053	ug/l #	100
79) 2-Chlorotoluene	12.40	91	579	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	12.40	75	88653	103.411	ug/l #	15

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

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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: VN056258.D

Acq: 12 Jun 2019 19:01

Instrument :

MSVOA_N

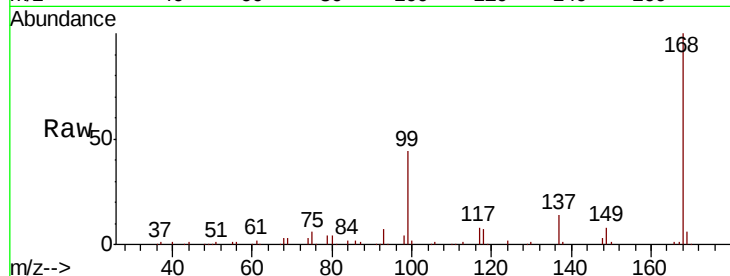
ClientSampled :

Tot Ion:168 Resp: 326549

Ion Ratio Lower Upper

168 100

99 44.0 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.66

150000

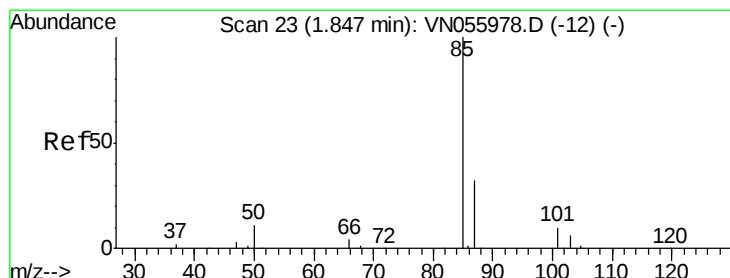
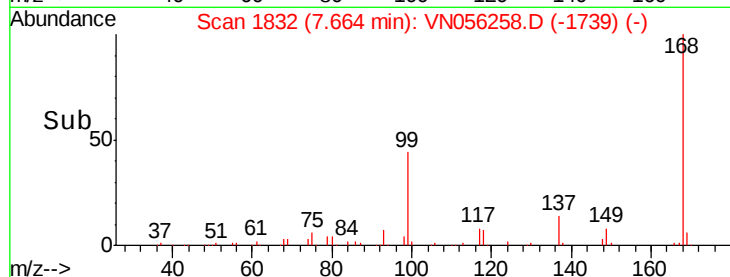
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.657 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056258.D

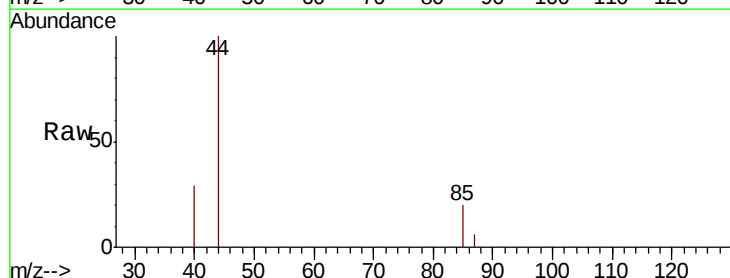
Acq: 12 Jun 2019 19:01

Tgt Ion: 85 Resp: 1092

Ion Ratio Lower Upper

85 100

87 30.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN055978.D (-12) (-)

Ion 86.90 (86.60 to 87.60): VN055978.D (-12) (-)

1.85

800

600

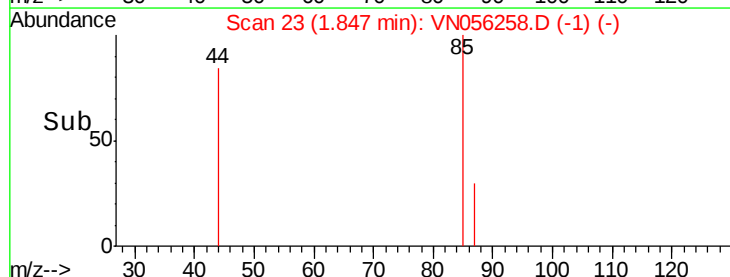
400

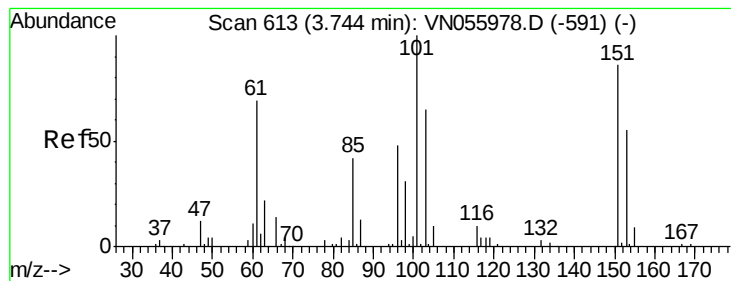
200

0

1.82 1.84 1.86 1.88

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.614 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN056258.D

Acq: 12 Jun 2019 19:01

Instrument :

MSVOA_N

ClientSampled :

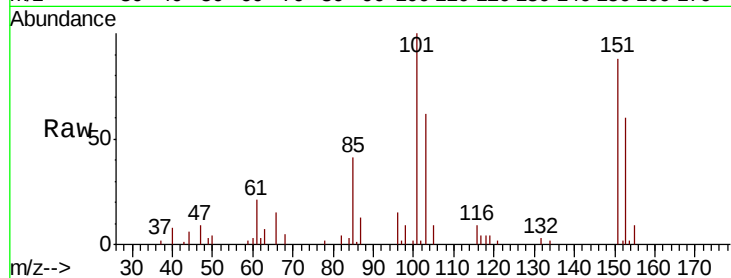
Tot Ion:101 Resp: 45748

Ion Ratio Lower Upper

101 100

85 41.9 33.4 50.2

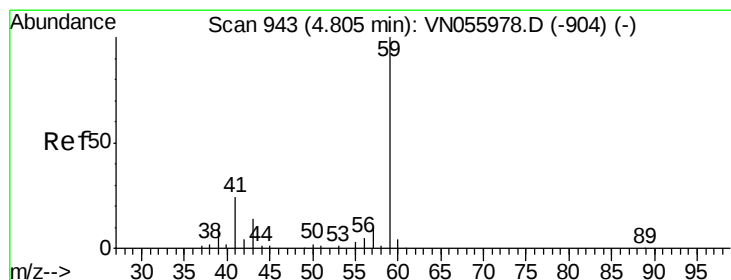
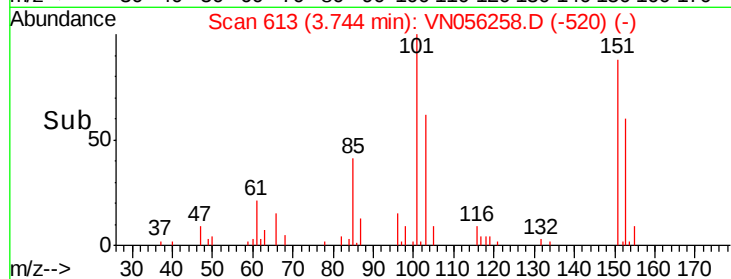
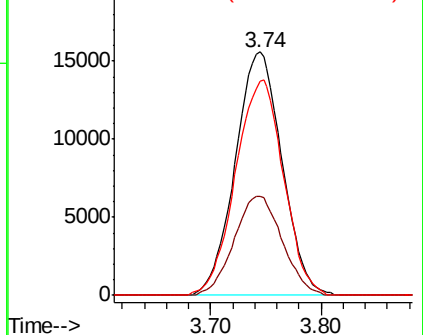
151 90.7 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VNO

Ion 150.80 (150.50 to 151.50): V



#11

Tert butyl alcohol

Concen: 4.821 ug/l

RT: 4.75 min Scan# 925

Delta R.T. -0.06 min

Lab File: VN056258.D

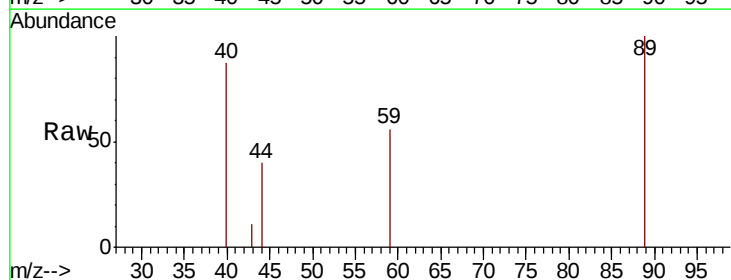
Acq: 12 Jun 2019 19:01

Tgt Ion: 59 Resp: 2720

Ion Ratio Lower Upper

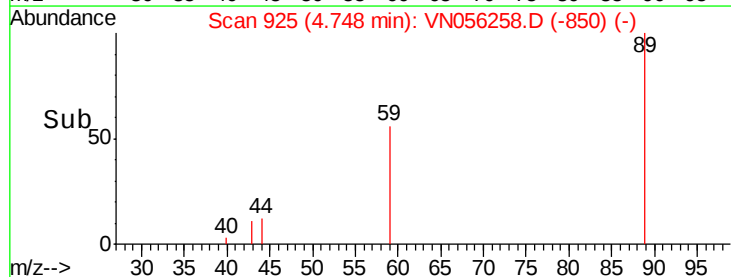
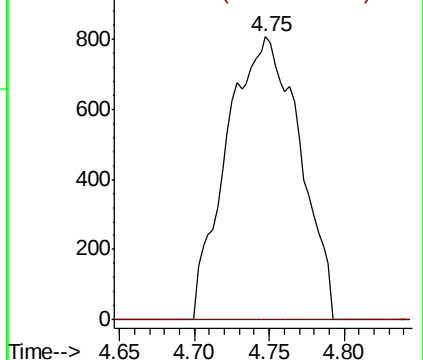
59 100

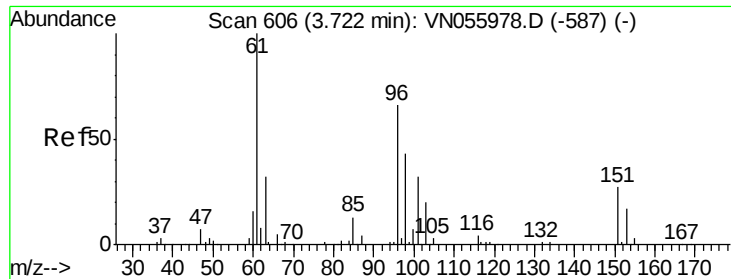
57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

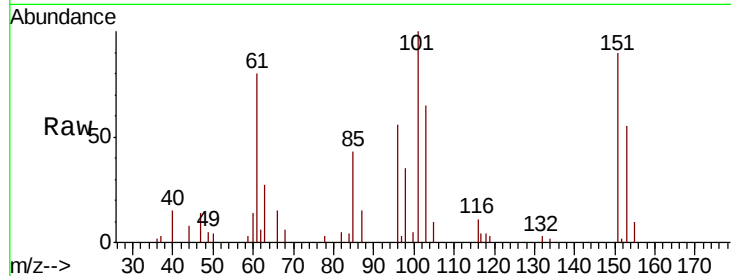




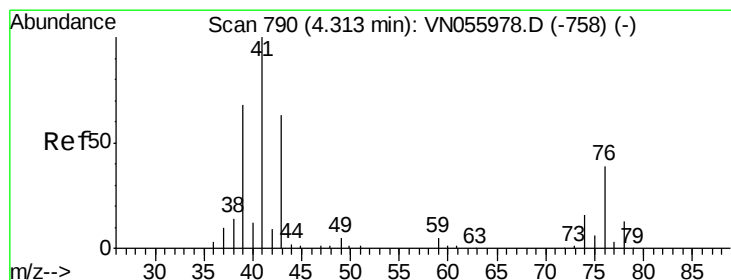
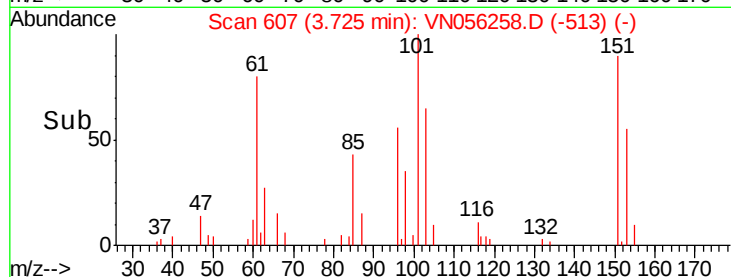
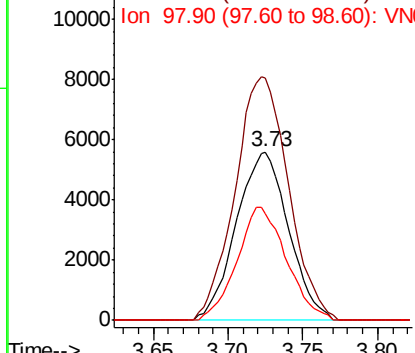
#12
 1,1-Dichloroethene
 Concen: 4.957 ug/l
 RT: 3.73 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VN056258.D
 Acq: 12 Jun 2019 19:01

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 96 Resp: 13590
 Ion Ratio Lower Upper
 96 100
 61 143.5 123.2 184.8
 98 62.9 50.4 75.6

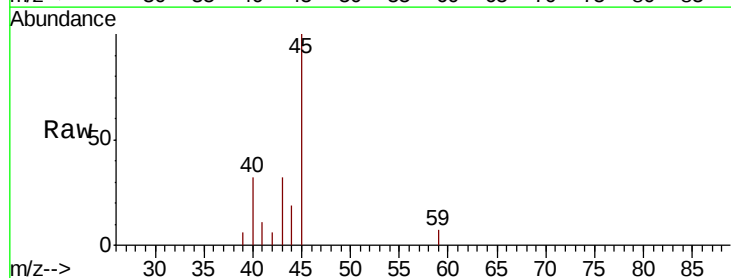


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

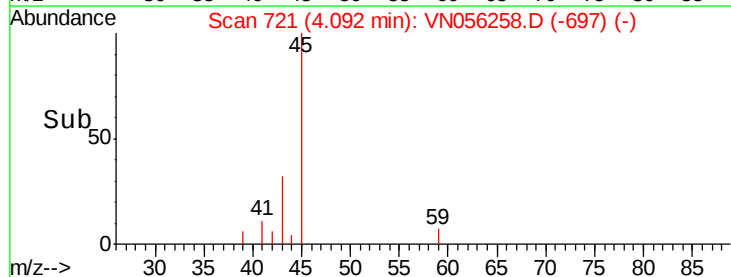
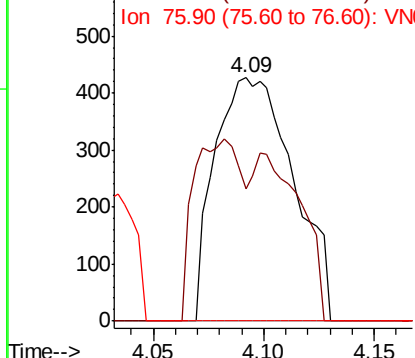


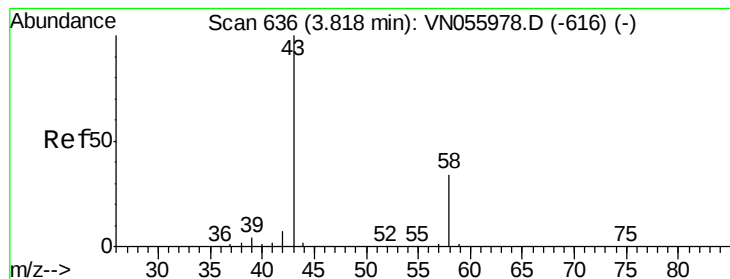
#14
 Allyl chloride
 Concen: 0.243 ug/l
 RT: 4.09 min Scan# 721
 Delta R.T. -0.22 min
 Lab File: VN056258.D
 Acq: 12 Jun 2019 19:01

Tgt Ion: 41 Resp: 1053
 Ion Ratio Lower Upper
 41 100
 39 46.0 50.0 75.0#
 76 0.0 28.2 42.2#



Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0
 Ion 75.90 (75.60 to 76.60): VN0





#16

Acetone

Concen: 2.275 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN056258.D

Acq: 12 Jun 2019 19:01

Instrument :

MSVOA_N

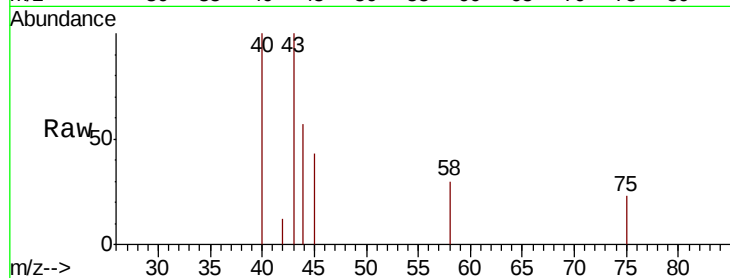
ClientSampled :

Tot Ion: 43 Resp: 3528

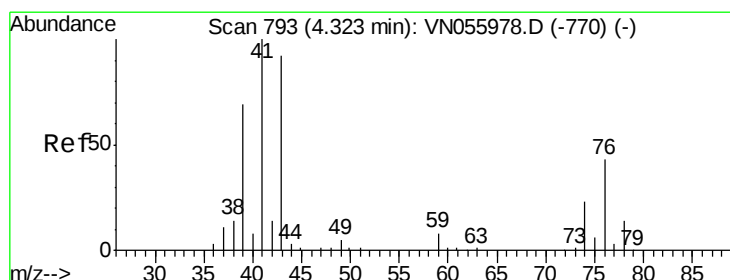
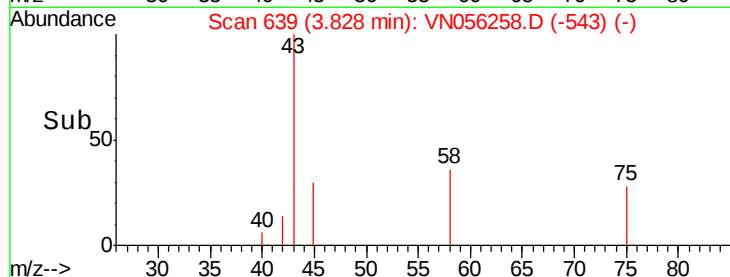
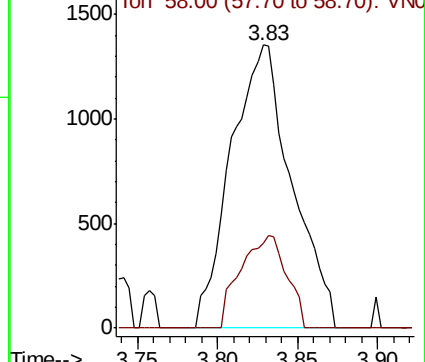
Ion Ratio Lower Upper

43 100

58 29.8 26.6 39.8



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



#18

Methyl Acetate

Concen: Below Cal

RT: 4.32 min Scan# 792

Delta R.T. -0.00 min

Lab File: VN056258.D

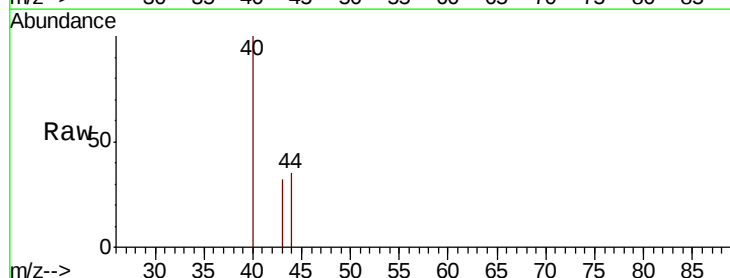
Acq: 12 Jun 2019 19:01

Tgt Ion: 43 Resp: 416

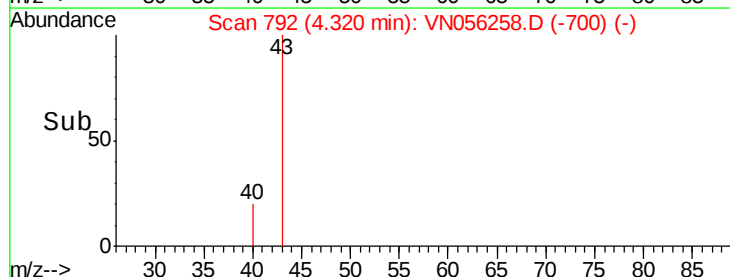
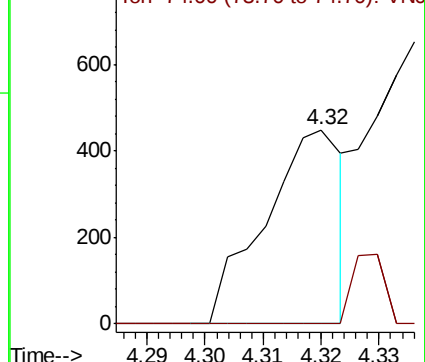
Ion Ratio Lower Upper

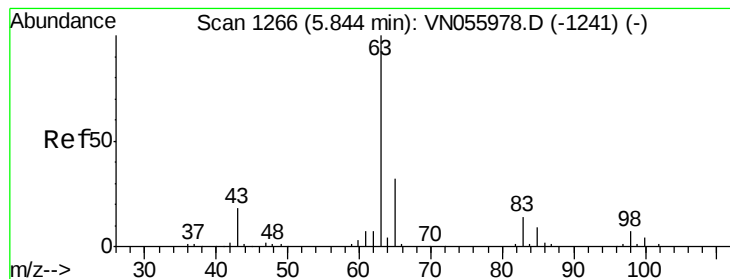
43 100

74 0.0 19.3 28.9#



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





#24

1,1-Dichloroethane

Concen: 0.586 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN056258.D

Acq: 12 Jun 2019 19:01

Instrument :

MSVOA_N

ClientSampled :

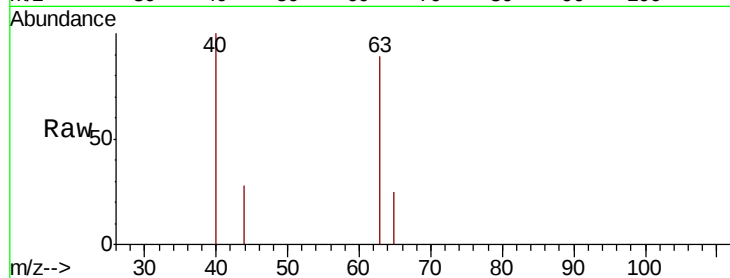
Tot Ion: 63 Resp: 3026

Ion Ratio Lower Upper

63 100

98 0.0 3.4 10.1#

100 0.0 2.2 6.6#

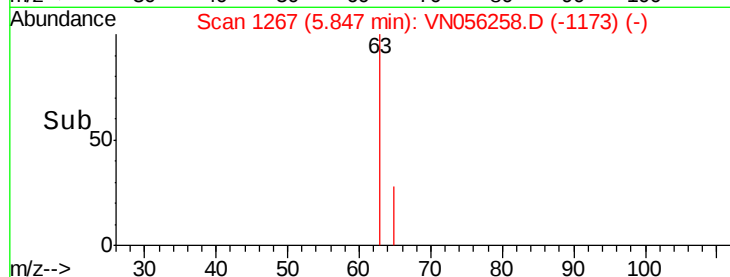


Abundance Ion 62.90 (62.60 to 63.60): VN055978.D (-1241) (-)

Ion 97.90 (97.60 to 98.60): VN055978.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN055978.D (-1241) (-)

Time-->



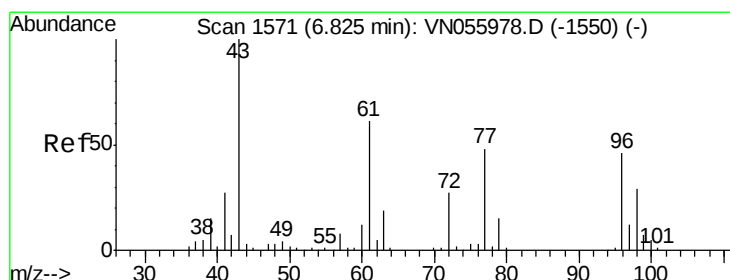
Abundance

Ion 62.90 (62.60 to 63.60): VN055978.D (-1241) (-)

Ion 97.90 (97.60 to 98.60): VN055978.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN055978.D (-1241) (-)

Time-->



#27

cis-1,2-Dichloroethene

Concen: 3.823 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056258.D

Acq: 12 Jun 2019 19:01

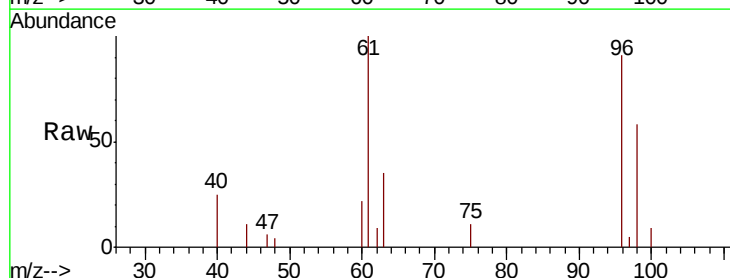
Tgt Ion: 96 Resp: 13198

Ion Ratio Lower Upper

96 100

61 111.2 0.0 275.8

98 62.7 0.0 128.4

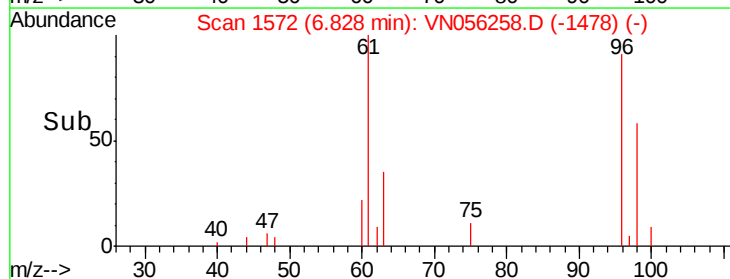


Abundance Ion 95.90 (95.60 to 96.60): VN055978.D (-1550) (-)

Ion 60.90 (60.60 to 61.60): VN055978.D (-1550) (-)

Ion 97.90 (97.60 to 98.60): VN055978.D (-1550) (-)

Time-->



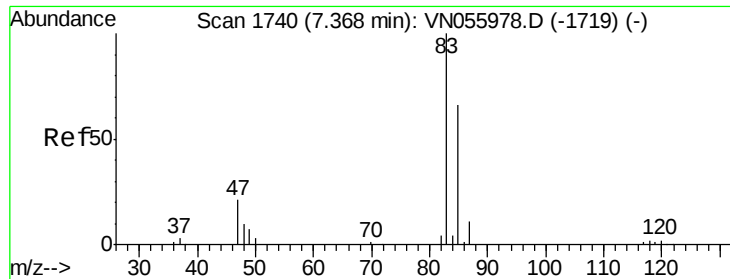
Abundance

Ion 95.90 (95.60 to 96.60): VN055978.D (-1550) (-)

Ion 60.90 (60.60 to 61.60): VN055978.D (-1550) (-)

Ion 97.90 (97.60 to 98.60): VN055978.D (-1550) (-)

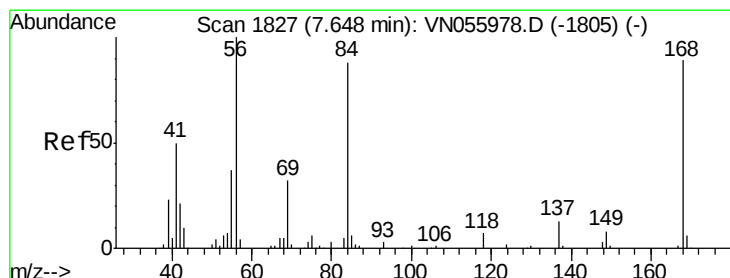
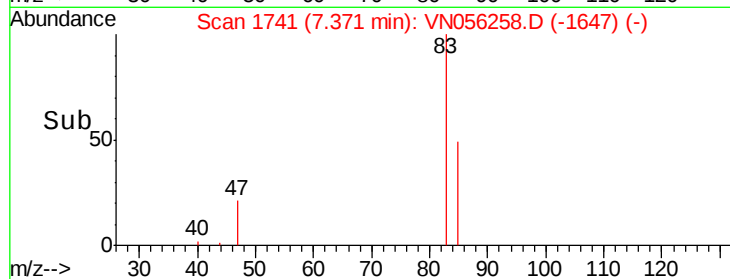
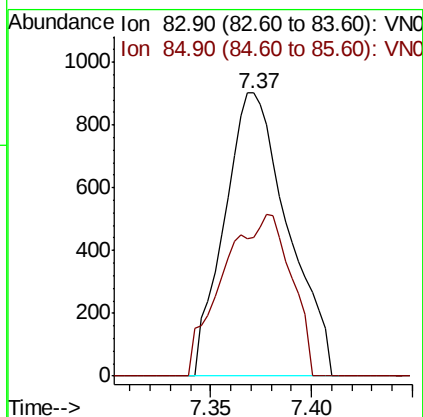
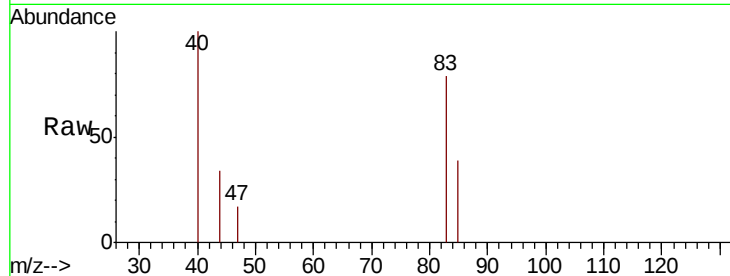
Time-->



#30
Chloroform
Concen: 0.381 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056258.D
Acq: 12 Jun 2019 19:01

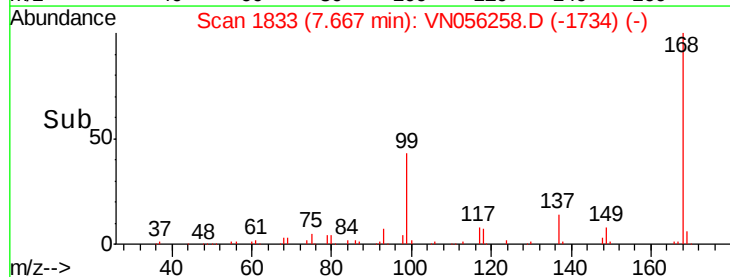
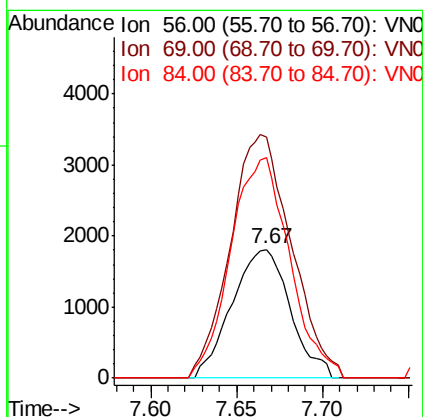
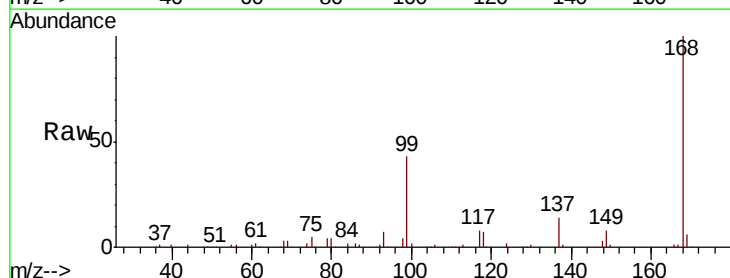
Instrument :
MSVOA_N
ClientSampled :

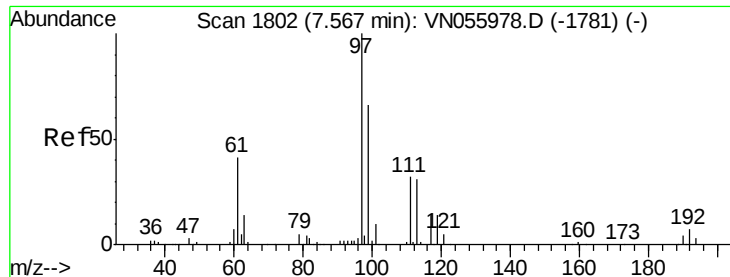
Tot Ion: 83 Resp: 1980
Ion Ratio Lower Upper
83 100
85 49.2 51.8 77.8#



#31
Cyclohexane
Concen: 0.828 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN056258.D
Acq: 12 Jun 2019 19:01

Tgt Ion: 56 Resp: 4261
Ion Ratio Lower Upper
56 100
69 187.3 25.6 38.4#
84 171.3 67.4 101.0#





#32

1,1,1-Trichloroethane

Concen: 0.308 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN056258.D

Acq: 12 Jun 2019 19:01

Instrument :

MSVOA_N

ClientSampled :

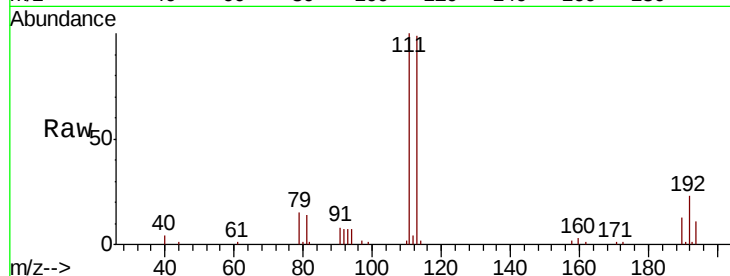
Tot Ion: 97 Resp: 1334

Ion Ratio Lower Upper

97 100

99 0.0 52.0 78.0#

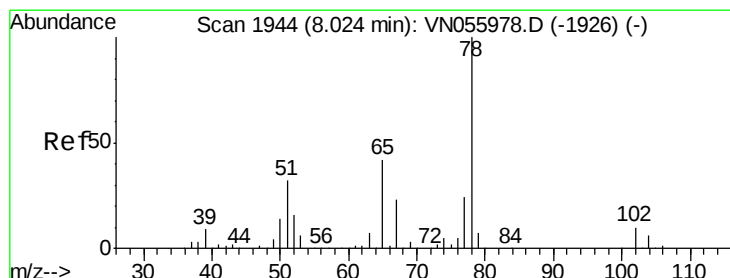
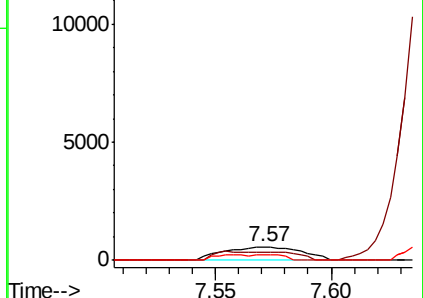
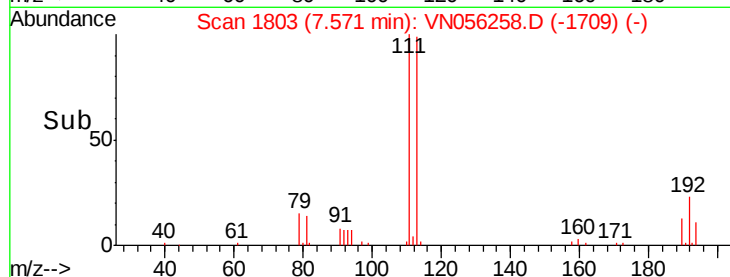
61 17.5 32.9 49.3#



Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.029 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056258.D

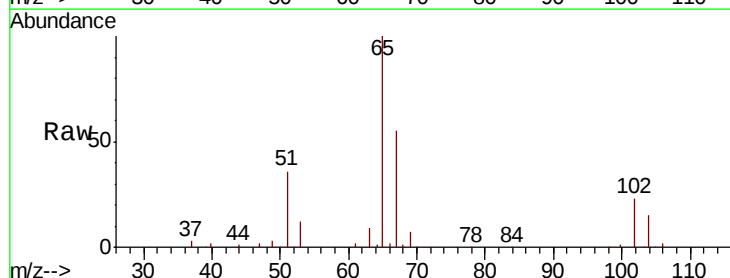
Acq: 12 Jun 2019 19:01

Tgt Ion: 65 Resp: 162211

Ion Ratio Lower Upper

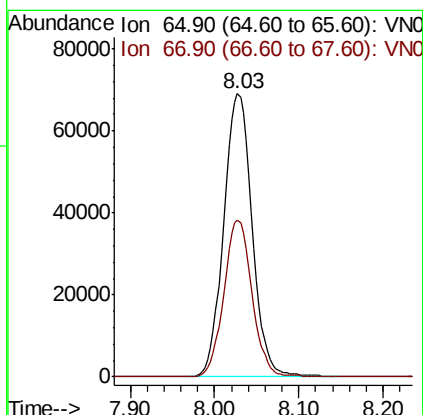
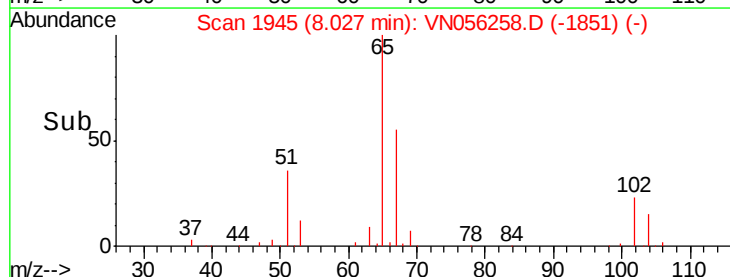
65 100

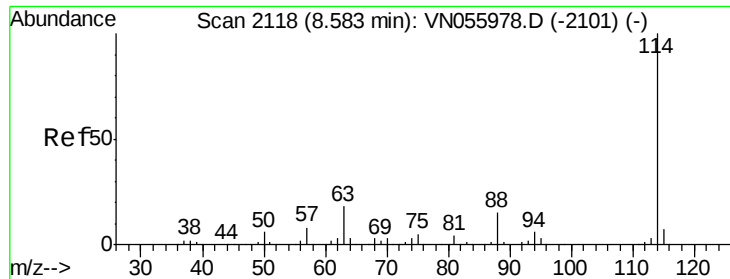
67 54.7 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

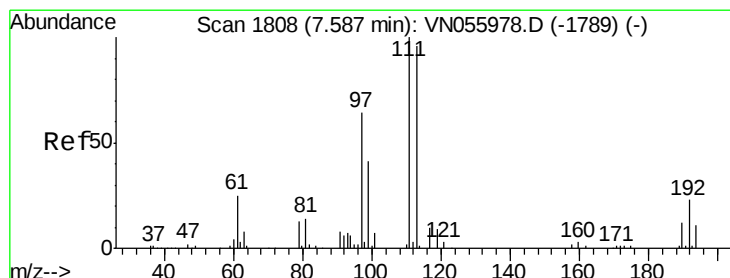
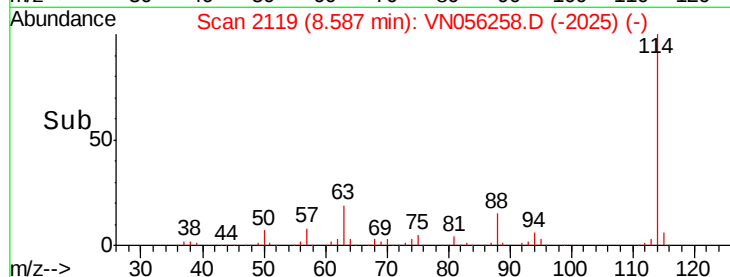
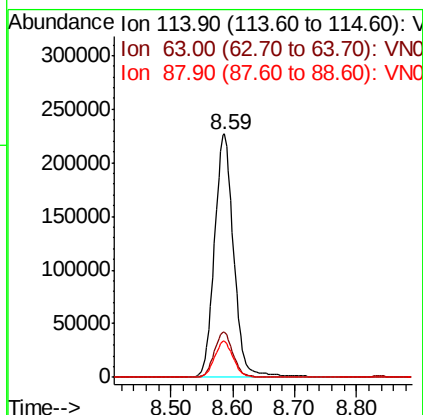
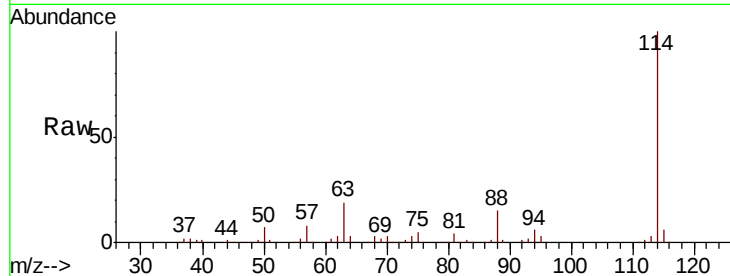




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056258.D
 Acq: 12 Jun 2019 19:01

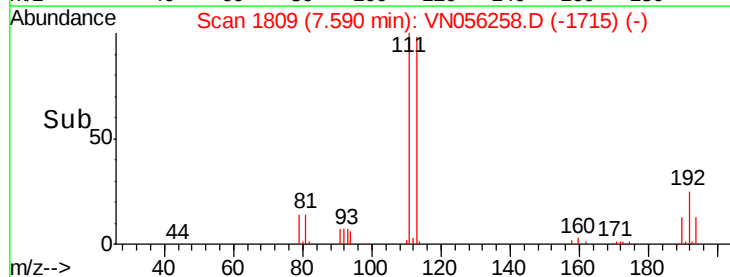
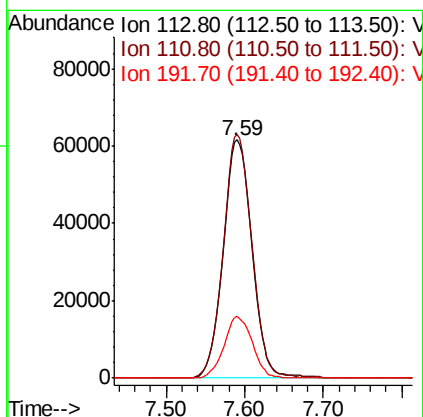
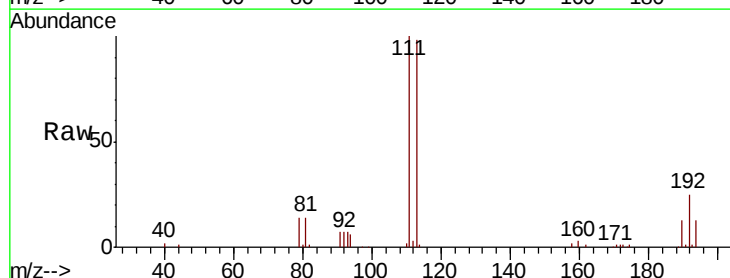
Instrument :
 MSVOA_N
 ClientSampleId :

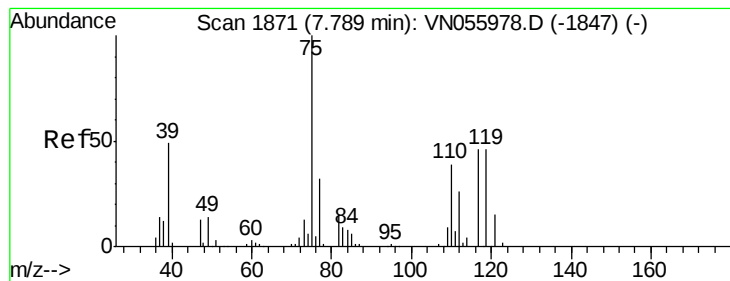
Tot Ion:114 Resp: 488946
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.2
 88 15.0 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 51.958 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056258.D
 Acq: 12 Jun 2019 19:01

Tgt Ion:113 Resp: 155867
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.9 122.9
 192 25.3 19.5 29.3





#36

1,1-Dichloropropene

Concen: 4.282 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.13 min

Lab File: VN056258.D

Acq: 12 Jun 2019 19:01

Instrument :

MSVOA_N

ClientSampleId :

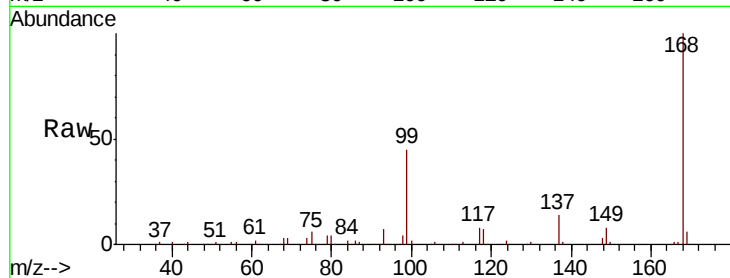
Tot Ion: 75 Resp: 18004

Ion Ratio Lower Upper

75 100

110 8.3 19.0 57.0#

77 0.0 25.1 37.7#



Abundance Ion 74.90 (74.60 to 75.60): VN055978.D (-1847) (-)

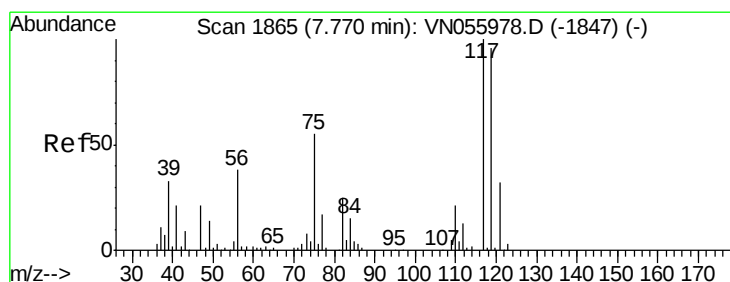
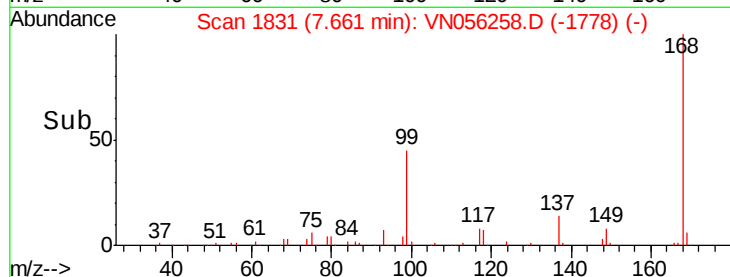
Ion 109.90 (109.60 to 110.60): VN055978.D (-1847) (-)

Ion 76.90 (76.60 to 77.60): VN055978.D (-1847) (-)

7.66

7.65 7.70 7.75

Time-->



#38

Carbon Tetrachloride

Concen: 0.494 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VN056258.D

Acq: 12 Jun 2019 19:01

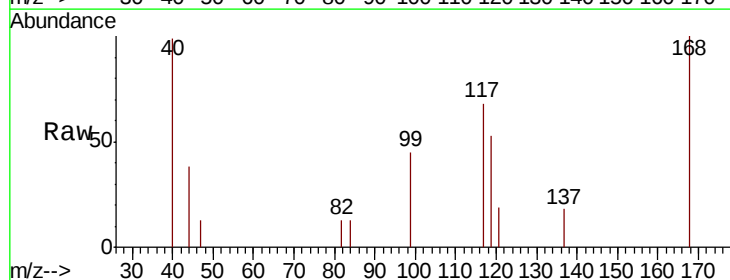
Tgt Ion: 117 Resp: 1914

Ion Ratio Lower Upper

117 100

119 78.5 79.0 118.6#

121 28.8 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): VN055978.D (-1847) (-)

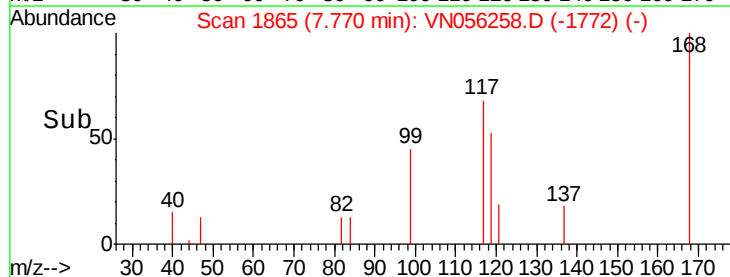
Ion 118.80 (118.50 to 119.50): VN055978.D (-1847) (-)

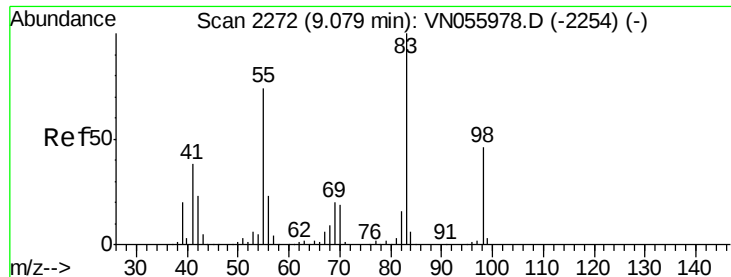
Ion 120.80 (120.50 to 121.50): VN055978.D (-1847) (-)

7.77

7.75 7.80

Time-->

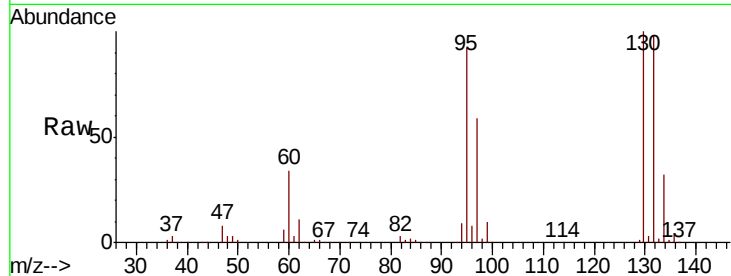




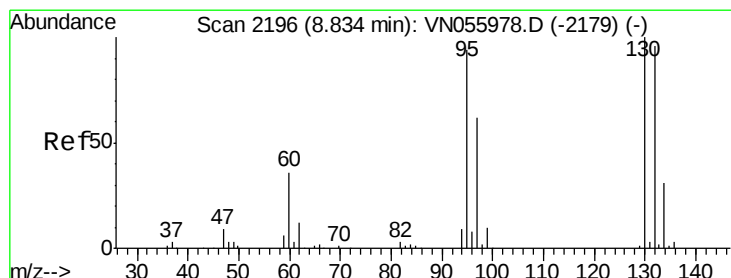
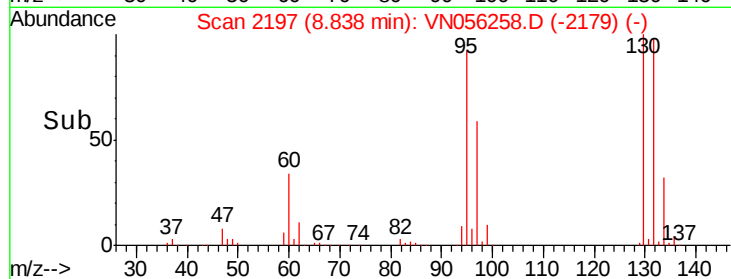
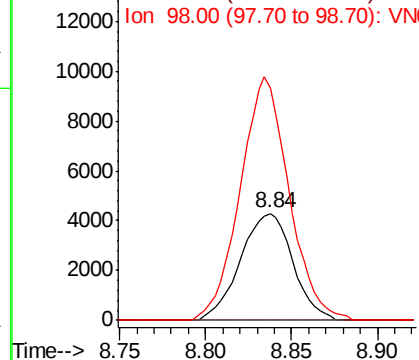
#39
Methvlcvclohexane
Concen: 1.734 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. -0.24 min
Lab File: VN056258.D
Acq: 12 Jun 2019 19:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 9081
Ion Ratio Lower Upper
83 100
55 0.0 59.3 88.9#
98 217.3 36.6 54.8#

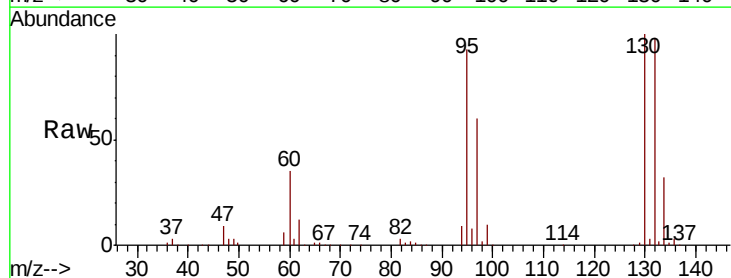


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

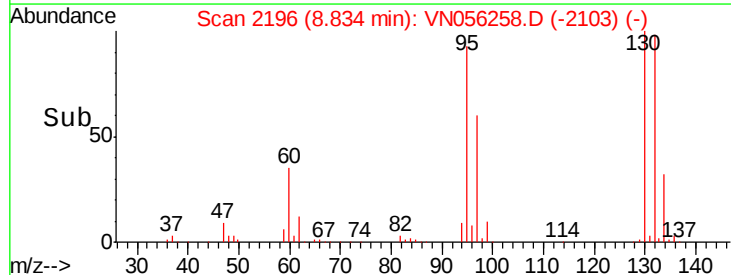
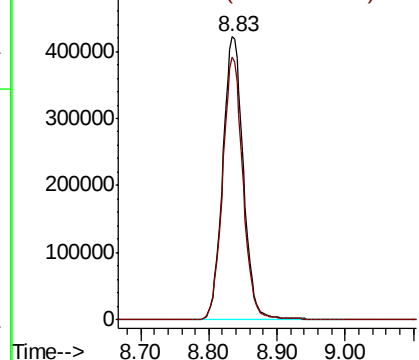


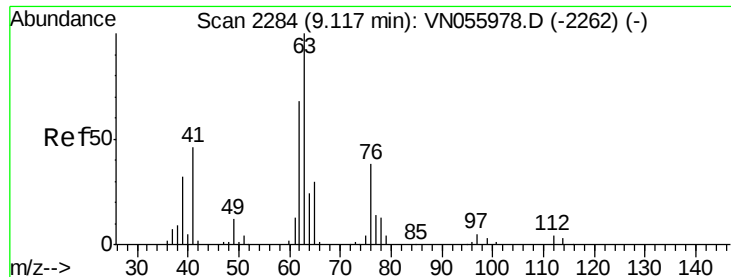
#44
Trichloroethene
Concen: 241.001 ug/l
RT: 8.83 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN056258.D
Acq: 12 Jun 2019 19:01

Tgt Ion:130 Resp: 884286
Ion Ratio Lower Upper
130 100
95 93.0 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0

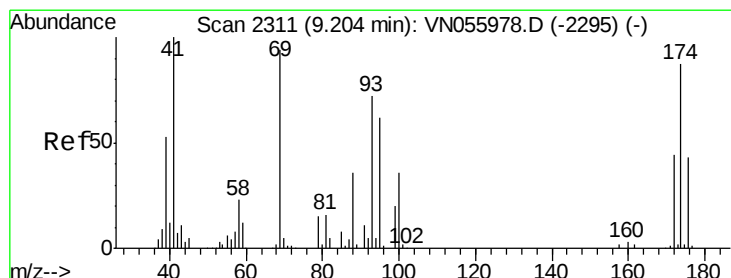
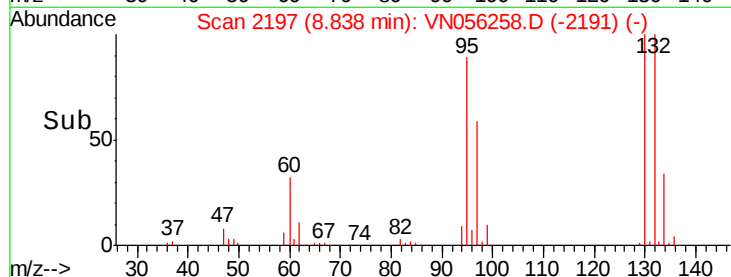
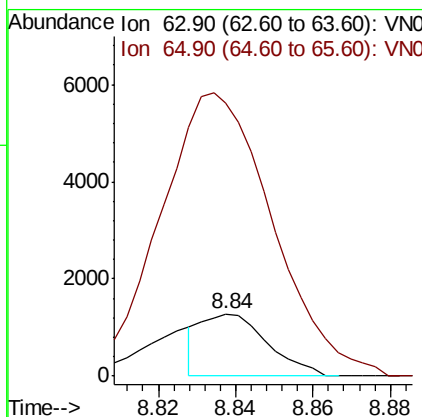
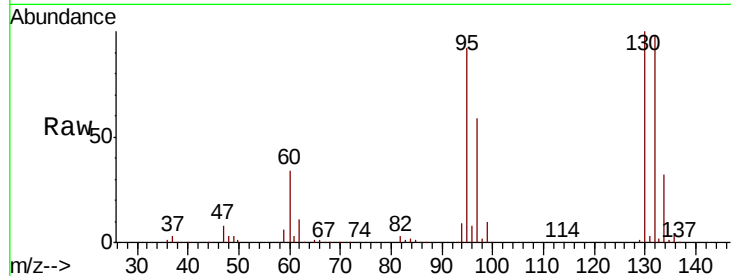




#45
 1,2-Dichloropropane
 Concen: 0.464 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. -0.28 min
 Lab File: VN056258.D
 Acq: 12 Jun 2019 19:01

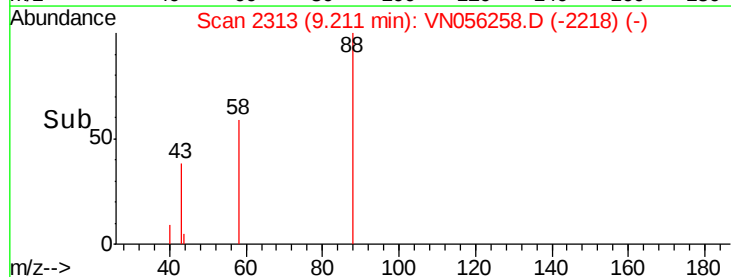
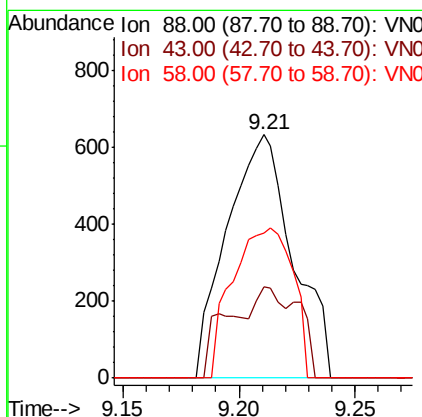
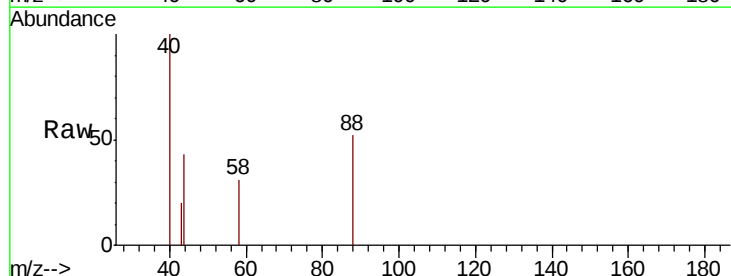
Instrument :
 MSVOA_N
 ClientSampleId :

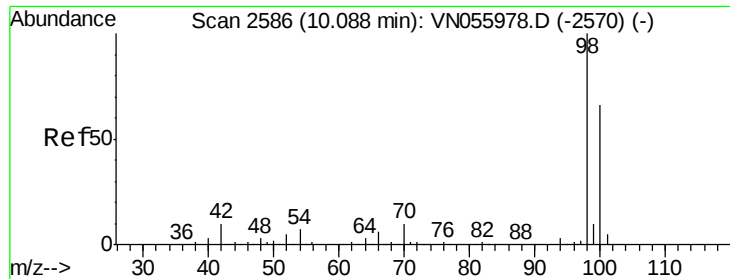
Tot Ion: 63 Resp: 1518
 Ion Ratio Lower Upper
 63 100
 65 400.7 24.6 36.8#



#49
 1,4-Dioxane
 Concen: 19.586 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.01 min
 Lab File: VN056258.D
 Acq: 12 Jun 2019 19:01

Tgt Ion: 88 Resp: 1254
 Ion Ratio Lower Upper
 88 100
 43 24.6 20.5 30.7
 58 56.5 55.8 83.6





#50

Toluene-d8

Concen: 52.528 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056258.D

Acq: 12 Jun 2019 19:01

Instrument :

MSVOA_N

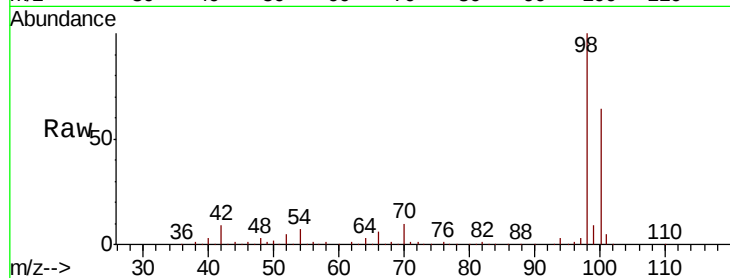
ClientSampled :

Tot Ion: 98 Resp: 606354

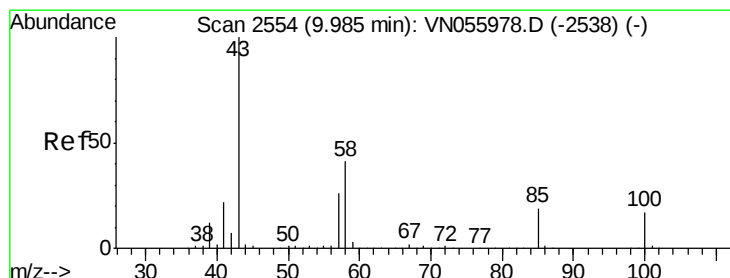
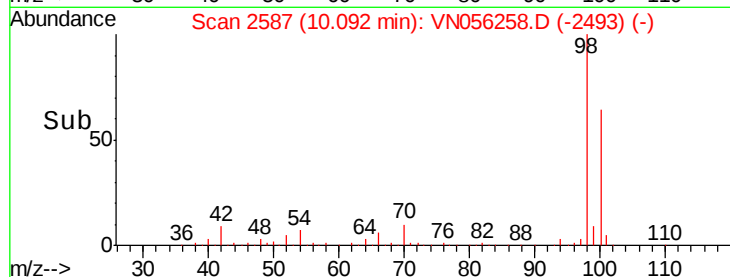
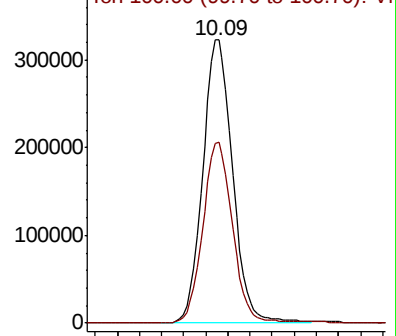
Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9



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



#51

4-Methyl-2-Pentanone

Concen: 0.575 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.10 min

Lab File: VN056258.D

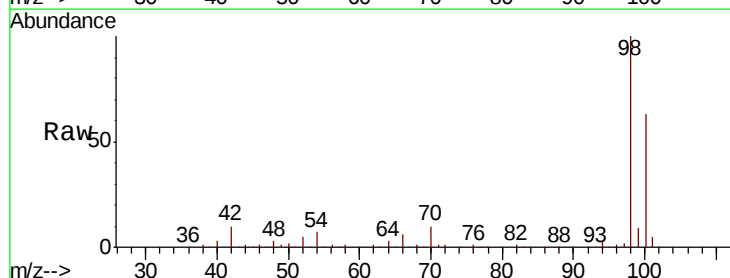
Acq: 12 Jun 2019 19:01

Tgt Ion: 43 Resp: 2180

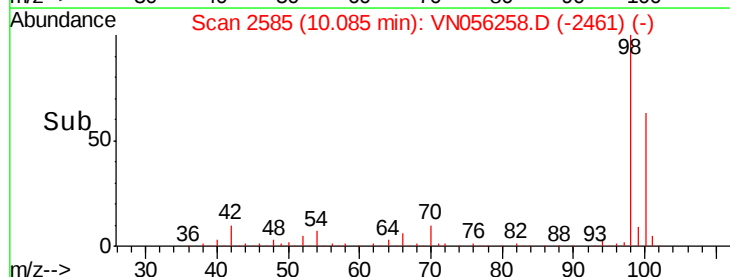
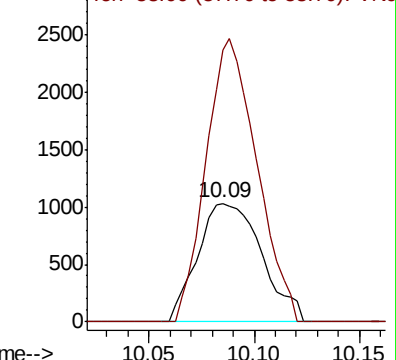
Ion Ratio Lower Upper

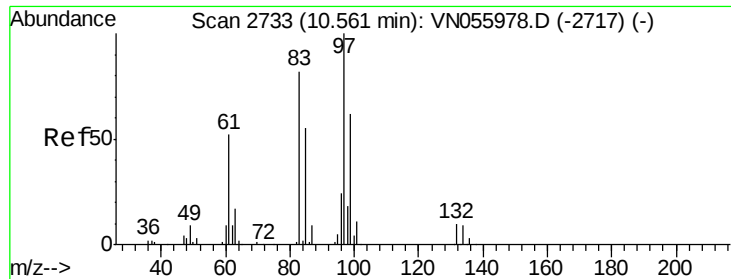
43 100

58 189.0 32.1 48.1#



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

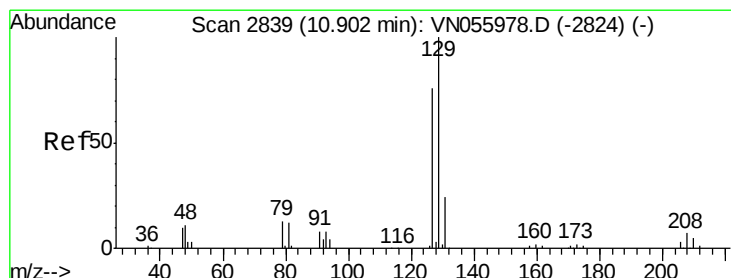
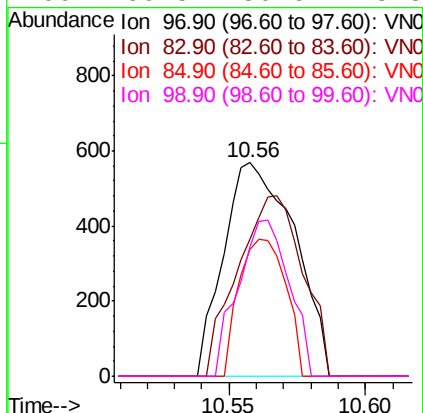
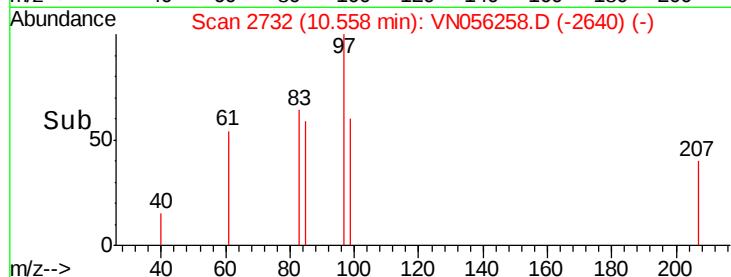
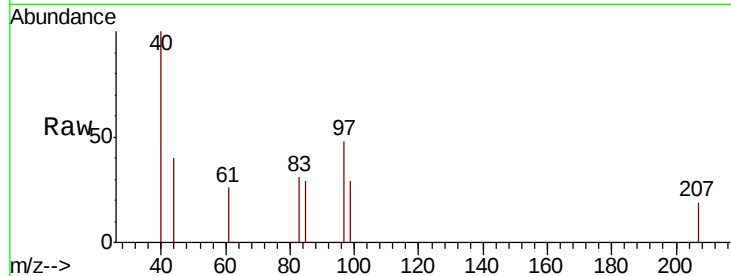




#55
 1,1,2-Trichloroethane
 Concen: 0.327 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. -0.00 min
 Lab File: VN056258.D
 Acq: 12 Jun 2019 19:01

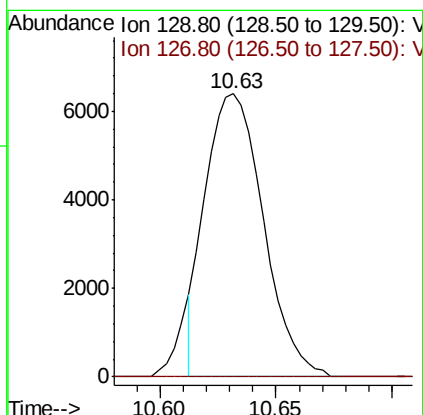
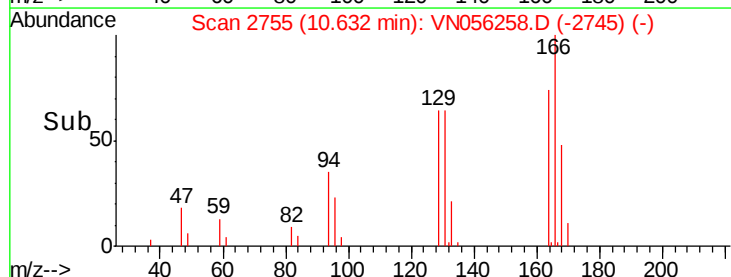
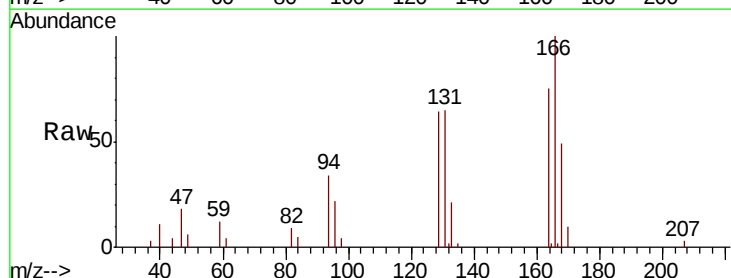
Instrument :
 MSVOA_N
 ClientSampled :

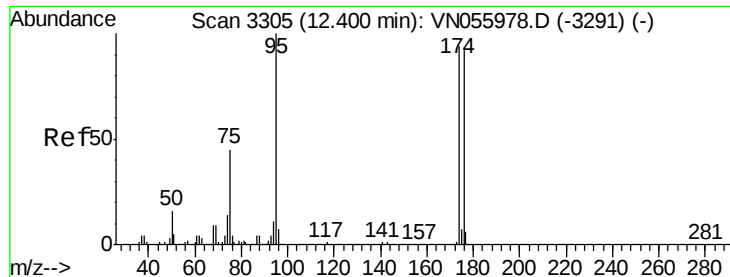
Tot Ion: 97 Resp: 1029
 Ion Ratio Lower Upper
 97 100
 83 64.0 67.0 100.6#
 85 59.1 44.0 66.0
 99 60.5 50.6 75.8



#60
 Dibromochloromethane
 Concen: 5.497 ug/l
 RT: 10.63 min Scan# 2755
 Delta R.T. -0.27 min
 Lab File: VN056258.D
 Acq: 12 Jun 2019 19:01

Tgt Ion: 129 Resp: 11115
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.1 114.3#





#62

4-Bromofluorobenzene

Concen: 48.571 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056258.D

Acq: 12 Jun 2019 19:01

Instrument :

MSVOA_N

ClientSampled :

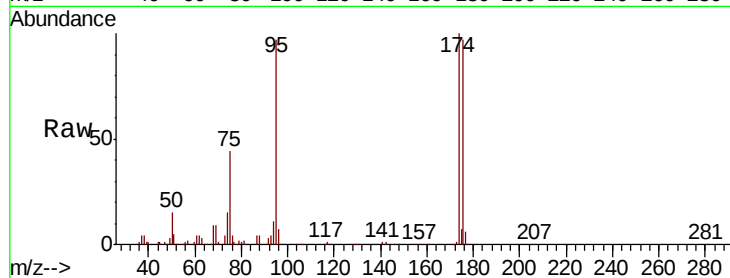
Tot Ion: 95 Resp: 190673

Ion Ratio Lower Upper

95 100

174 102.7 0.0 191.0

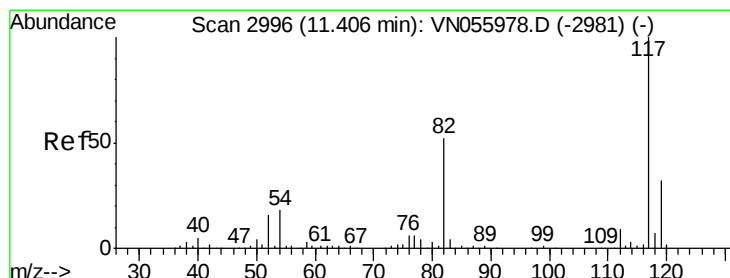
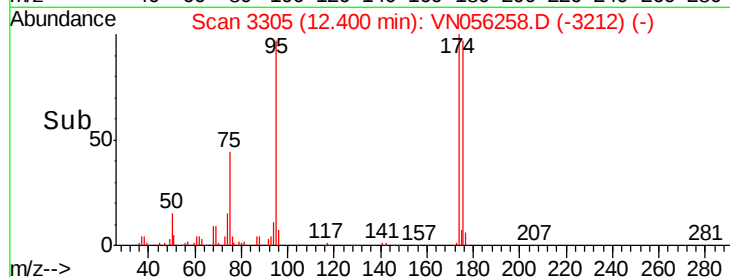
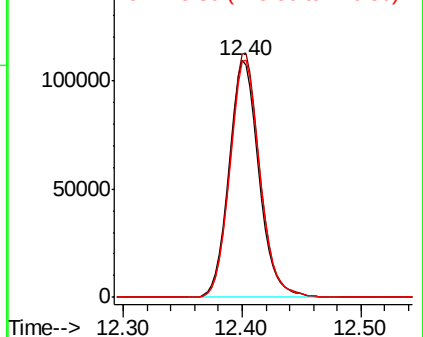
176 100.0 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056258.D

Acq: 12 Jun 2019 19:01

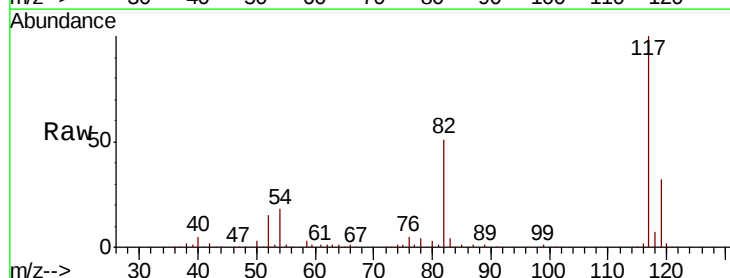
Tgt Ion: 117 Resp: 480942

Ion Ratio Lower Upper

117 100

82 51.2 41.8 62.8

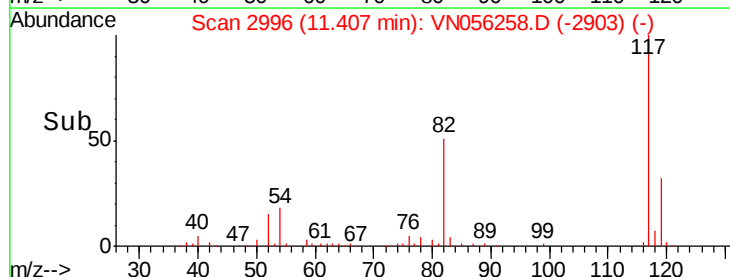
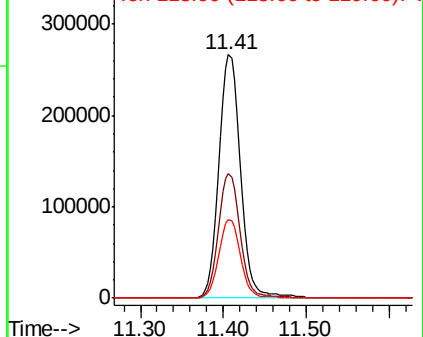
119 32.3 25.4 38.0

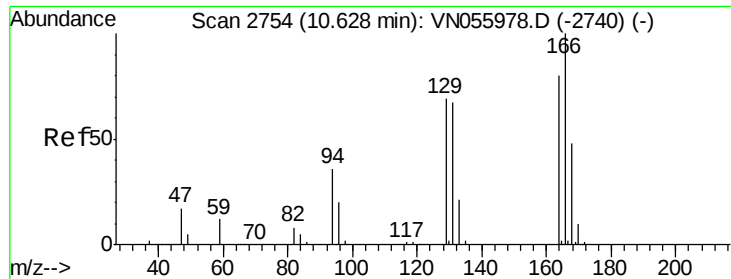


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#64

Tetrachloroethene

Concen: 3.385 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. 0.00 min

Lab File: VN056258.D

Acq: 12 Jun 2019 19:01

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:164 Resp: 14090

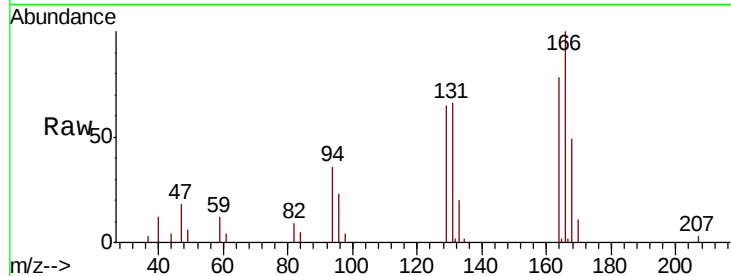
Ion Ratio Lower Upper

164 100

166 128.0 103.0 154.6

129 83.4 70.6 105.8

131 84.3 68.6 102.8

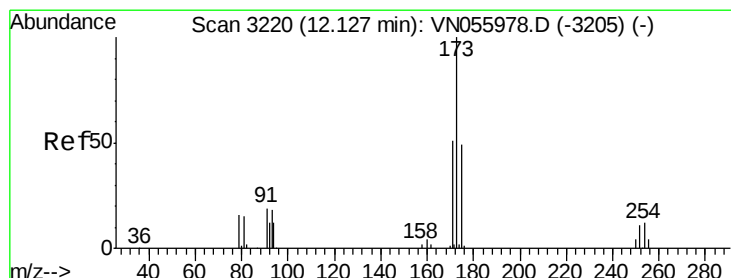
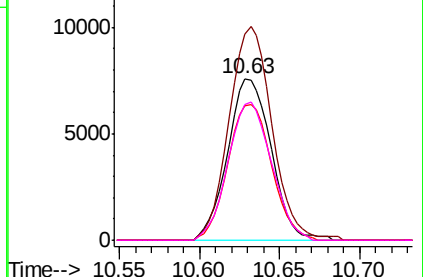
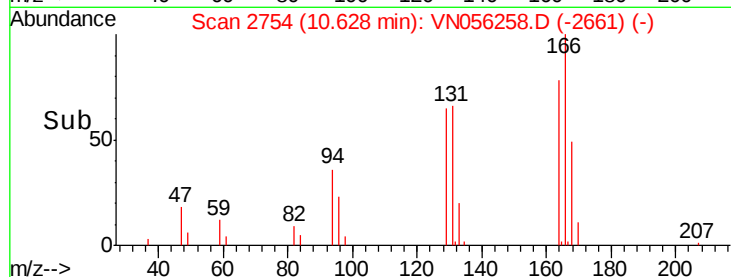


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#71

Bromoform

Concen: 3.204 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN056258.D

Acq: 12 Jun 2019 19:01

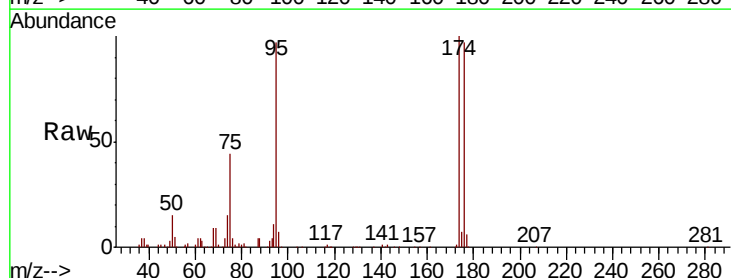
Tgt Ion:173 Resp: 1356

Ion Ratio Lower Upper

173 100

175 870.9 24.3 72.8#

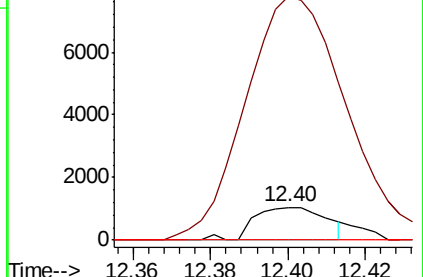
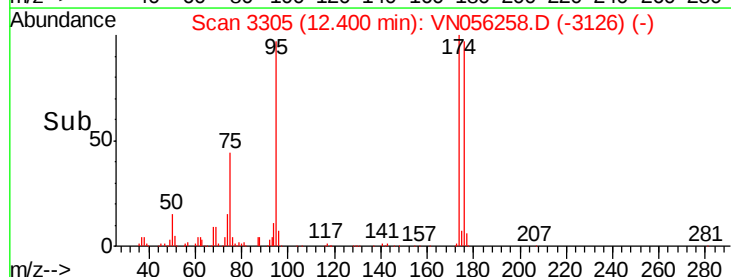
254 0.0 0.0 0.0

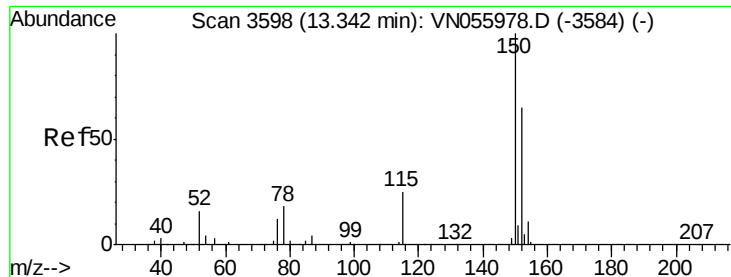


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN056258.D

Acq: 12 Jun 2019 19:01

Instrument :

MSVOA_N

ClientSampled :

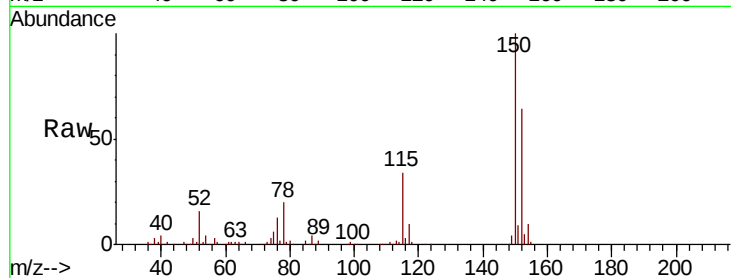
Tot Ion:152 Resp: 155155

Ion Ratio Lower Upper

152 100

115 52.4 27.0 81.0

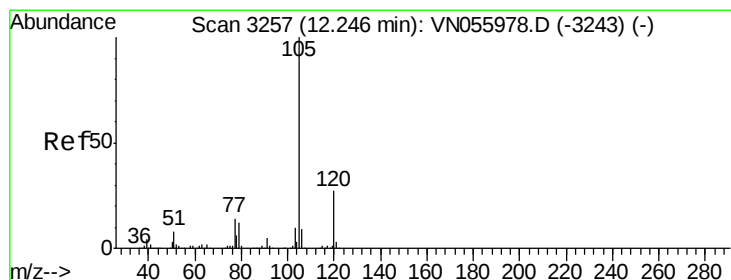
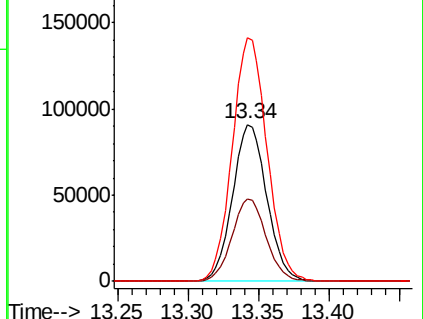
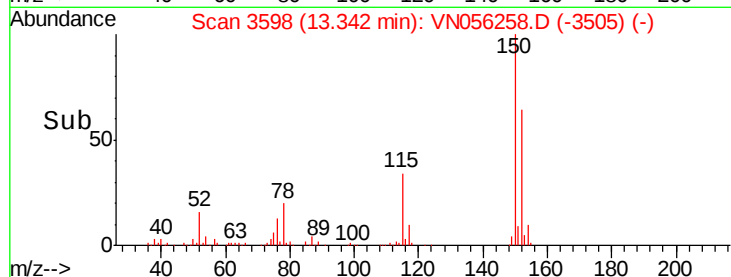
150 157.7 0.0 343.2



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: 12.39 min Scan# 3303

Delta R.T. 0.15 min

Lab File: VN056258.D

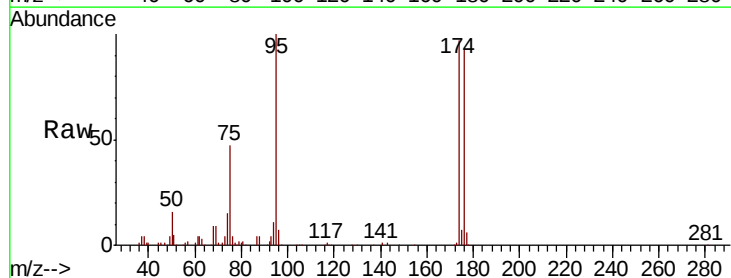
Acq: 12 Jun 2019 19:01

Tgt Ion:105 Resp: 64

Ion Ratio Lower Upper

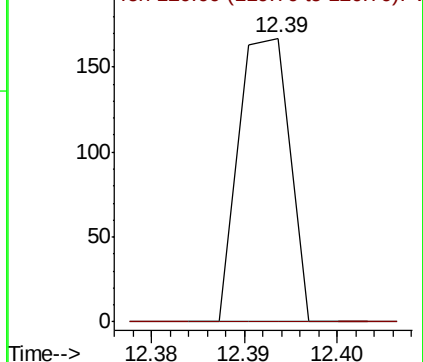
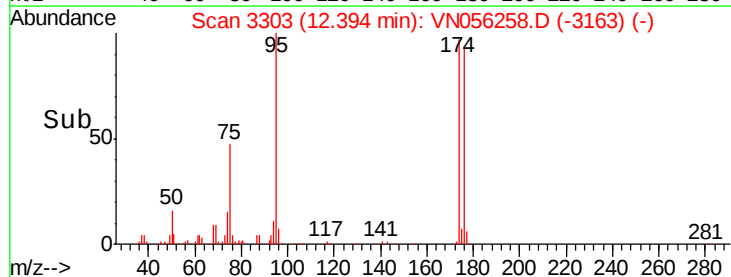
105 100

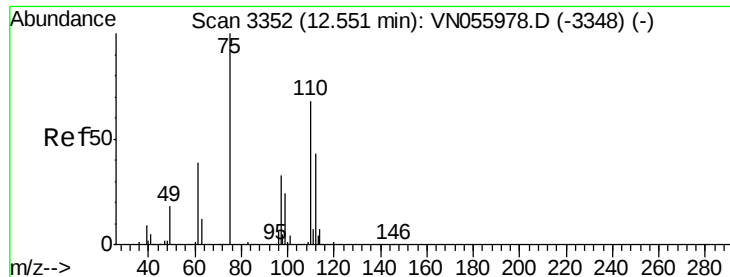
120 0.0 13.6 40.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 31.053 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056258.D

Acq: 12 Jun 2019 19:01

Instrument :

MSVOA_N

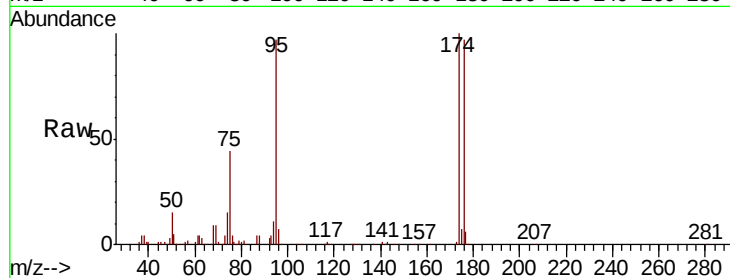
ClientSampled :

Tot Ion: 75 Resp: 88653

Ion Ratio Lower Upper

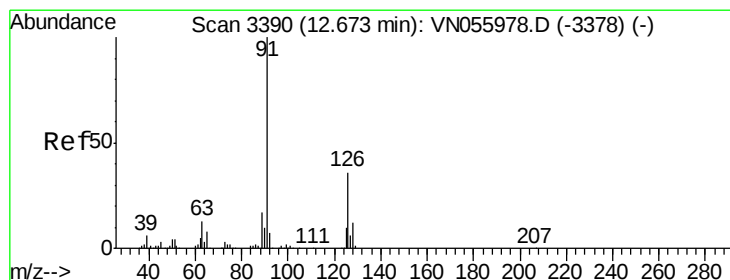
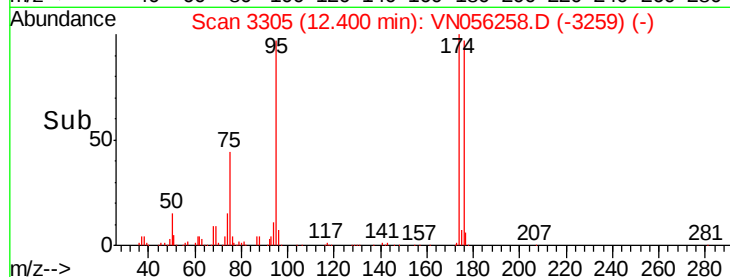
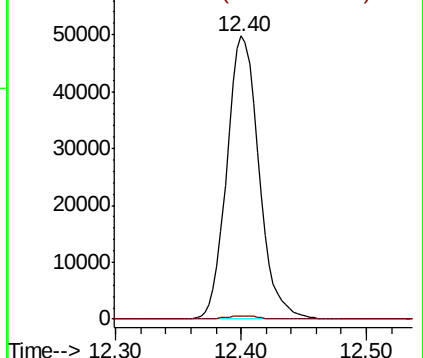
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.40 min Scan# 3306

Delta R.T. -0.27 min

Lab File: VN056258.D

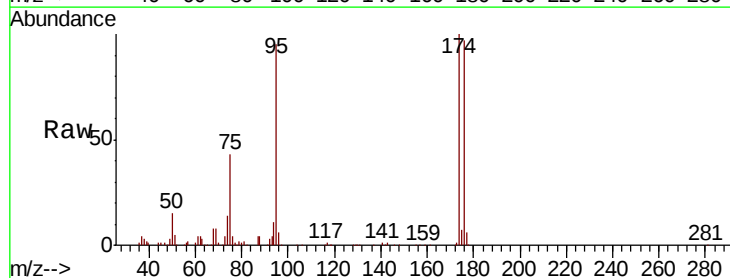
Acq: 12 Jun 2019 19:01

Tgt Ion: 91 Resp: 579

Ion Ratio Lower Upper

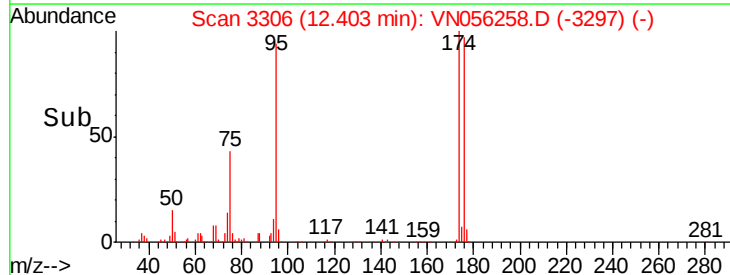
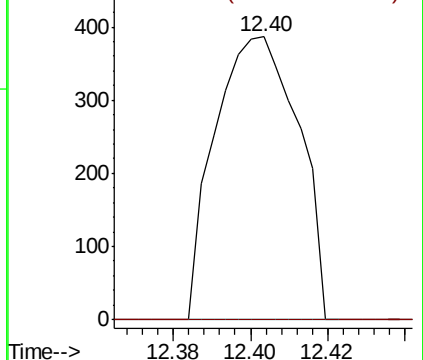
91 100

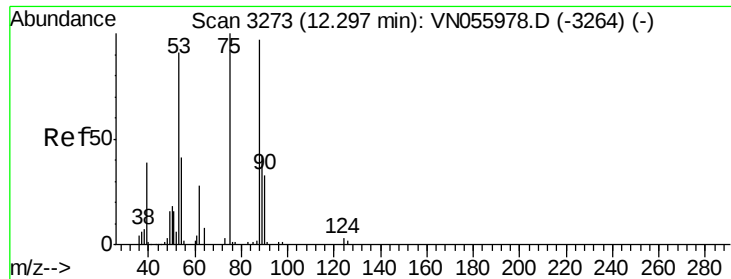
126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 103.411 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056258.D

Acq: 12 Jun 2019 19:01

Instrument :

MSVOA_N

ClientSampleId :

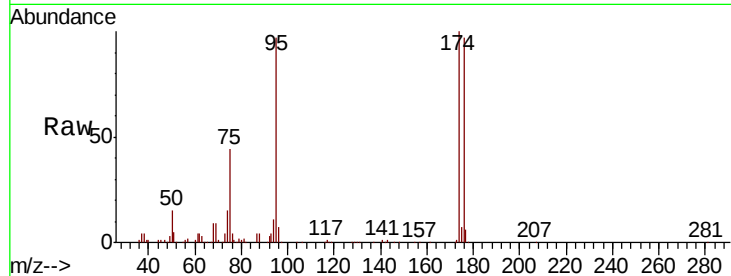
Tot Ion: 75 Resp: 88653

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): VNO
Ion 53.00 (52.70 to 53.70): VNO
Ion 88.90 (88.60 to 89.60): VNO

