

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081919\
 Data File : VN057432.D
 Acq On : 20 Aug 2019 5:16
 Operator : JC/SP
 Sample : K4386-37
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T6-A2-(2)

Quant Time: Aug 20 08:53:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1015769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1403309	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1155726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	294376	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	456189	41.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.62%	
35) Dibromofluoromethane	7.58	113	419078	45.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.12%	
50) Toluene-d8	10.08	98	1608851	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
62) 4-Bromofluorobenzene	12.40	95	412566	34.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.40%	

Target Compounds

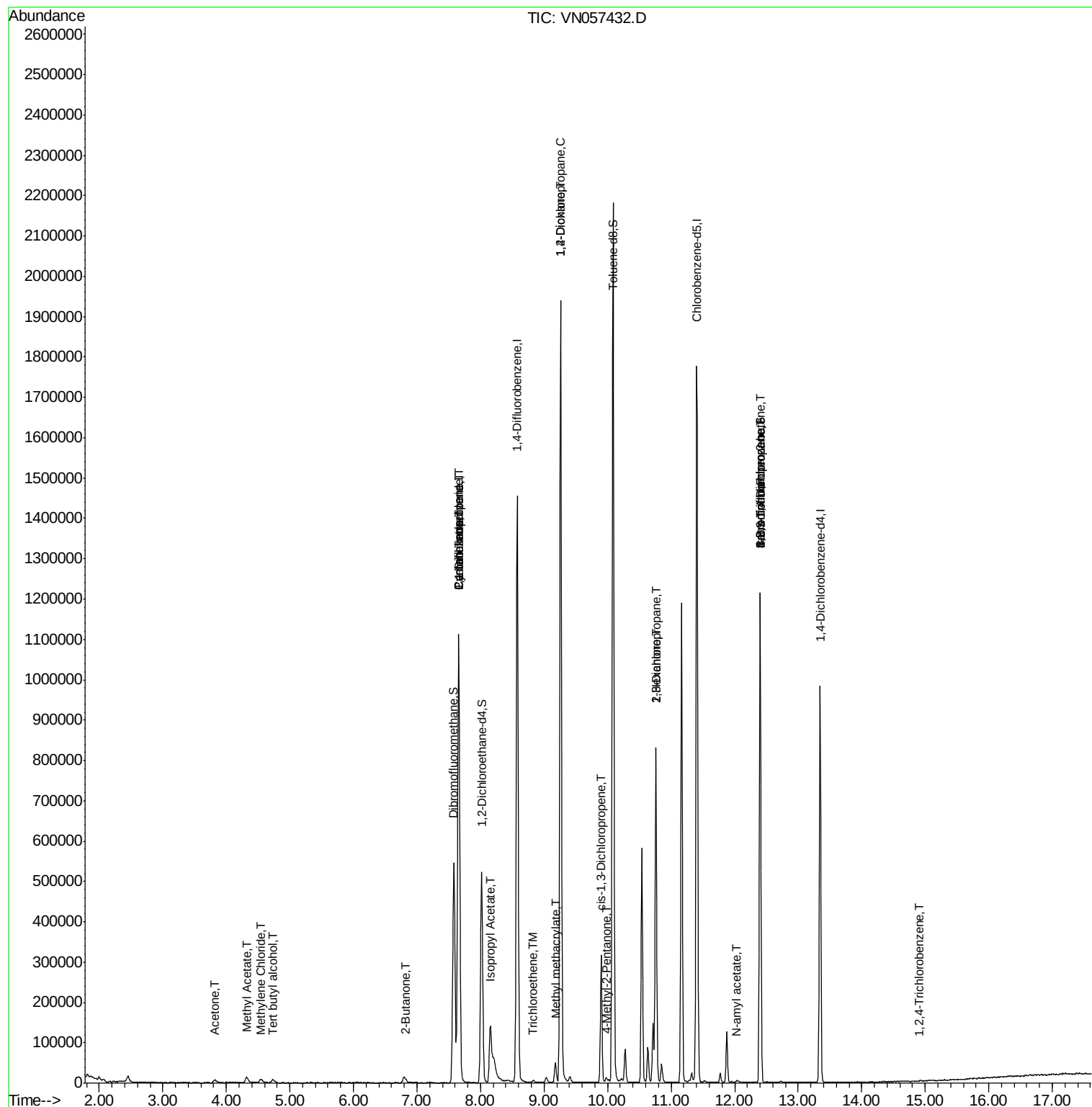
						Qvalue
11) Tert butyl alcohol	4.72	59	3318	2.114	ug/l #	73
16) Acetone	3.82	43	11679	3.049	ug/l	95
18) Methyl Acetate	4.31	43	27580	0.289	ug/l	98
20) Methylene Chloride	4.55	84	7482	0.698	ug/l #	79
25) 2-Butanone	6.83	43	2245	0.405	ug/l #	75
31) Cyclohexane	7.65	56	14188	0.943	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	59146	4.774	ug/l #	48
38) Carbon Tetrachloride	7.66	117	83555	6.490	ug/l #	16
43) Isopropyl Acetate	8.15	43	179615	8.747	ug/l #	82
44) Trichloroethene	8.83	130	2145	0.201	ug/l	94
45) 1,2-Dichloropropane	9.26	63	2525	0.258	ug/l #	44
48) Methyl methacrylate	9.17	41	6153	0.736	ug/l #	11
49) 1,4-Dioxane	9.25	88	106	0.603	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	8069	0.771	ug/l	95
54) cis-1,3-Dichloropropene	9.90	75	61627	4.002	ug/l #	60
57) 1,3-Dichloropropane	10.76	76	9162	0.591	ug/l #	43
59) 2-Hexanone	10.76	43	114529	15.216	ug/l #	49
71) Bromoform	12.40	173	3090	0.434	ug/l #	1
73) Isopropylbenzene	12.40	105	496	Below Cal	#	60
74) N-amyl acetate	12.03	43	4582	0.536	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	12.40	83	312	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	190001	32.112	ug/l #	100
79) 2-Chlorotoluene	12.69	91	107	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	1315	Below Cal		73
81) trans-1,4-Dichloro-2-buten	12.40	75	190001	78.703	ug/l #	15
83) tert-Butylbenzene	13.22	119	66	Below Cal	#	28
85) sec-Butylbenzene	13.04	105	64	Below Cal	#	55
93) 1,2,4-Trichlorobenzene	14.92	180	248	5.413	ug/l #	32
95) Naphthalene	15.13	128	35	Below Cal	#	69
96) 1,2,3-Trichlorobenzene	15.30	180	35	Below Cal	#	1

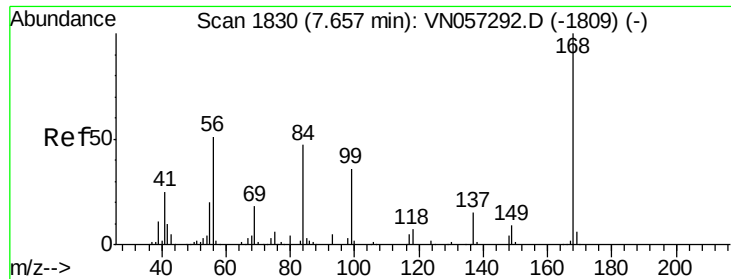
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 15 11:33:14 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057432.D

Acq: 20 Aug 2019 5:16

Instrument :

MSVOA_N

ClientSampled :

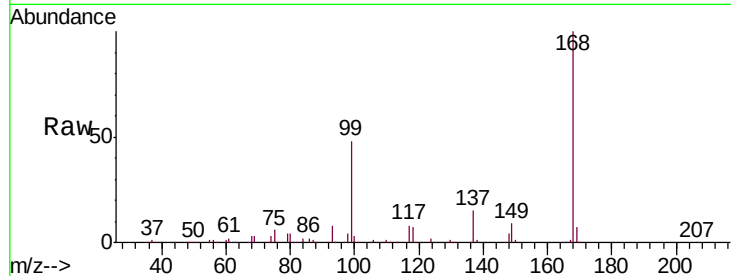
T6-A2-(2)

Tgt Ion:168 Resp: 1015769

Ion Ratio Lower Upper

168 100

99 47.8 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN057292.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057292.D (-1809) (-)

7.66

400000

300000

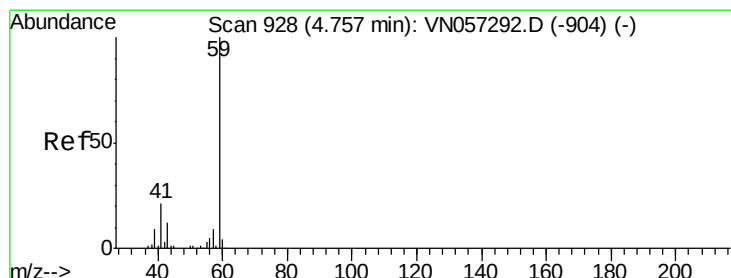
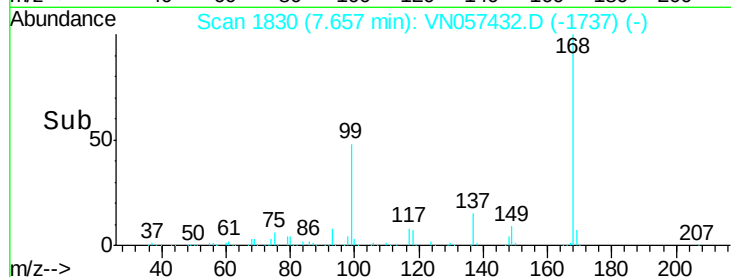
200000

100000

0

7.60 7.70

Time-->



#11

Tert butyl alcohol

Concen: 2.114 ug/l

RT: 4.72 min Scan# 917

Delta R.T. -0.04 min

Lab File: VN057432.D

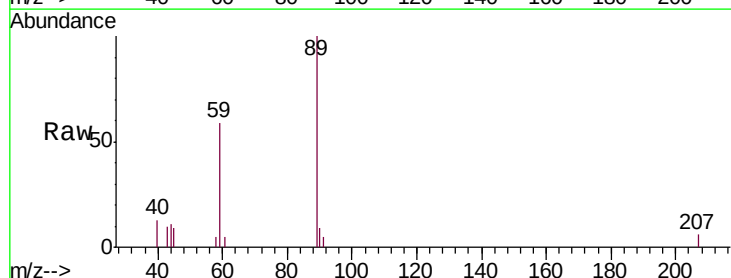
Acq: 20 Aug 2019 5:16

Tgt Ion: 59 Resp: 3318

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN057292.D (-904) (-)

Ion 57.00 (56.70 to 57.70): VN057292.D (-904) (-)

4.72

2500

2000

1500

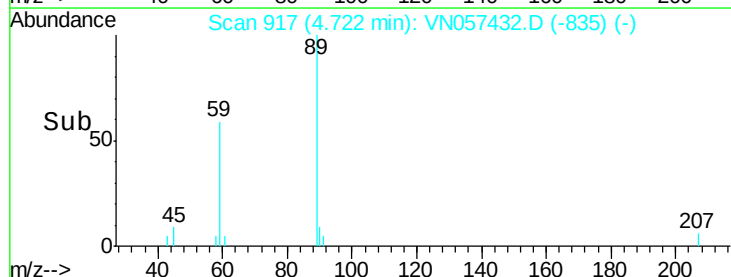
1000

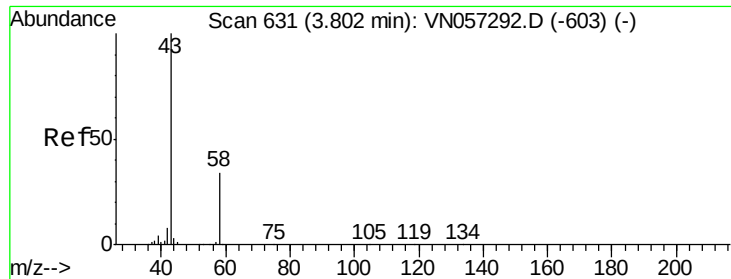
500

0

4.65 4.70

Time-->

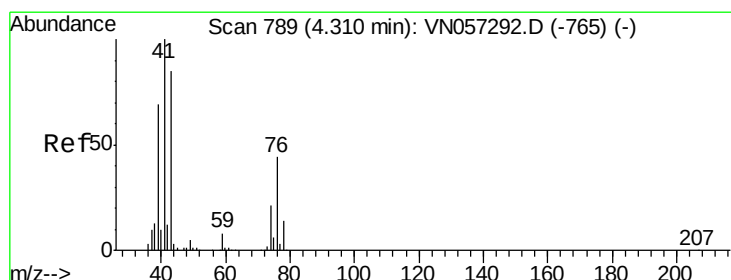
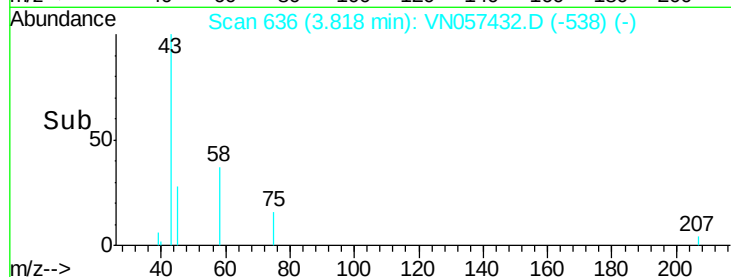
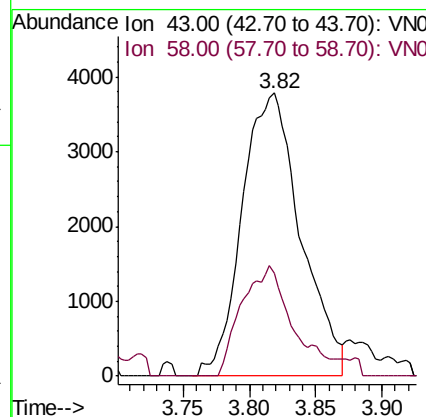
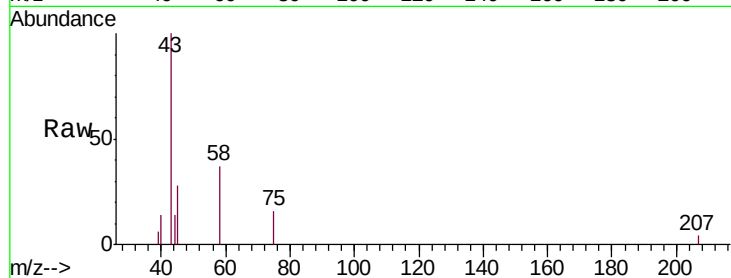




#16
Acetone
Concen: 3.049 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.02 min
Lab File: VN057432.D
Acq: 20 Aug 2019 5:16

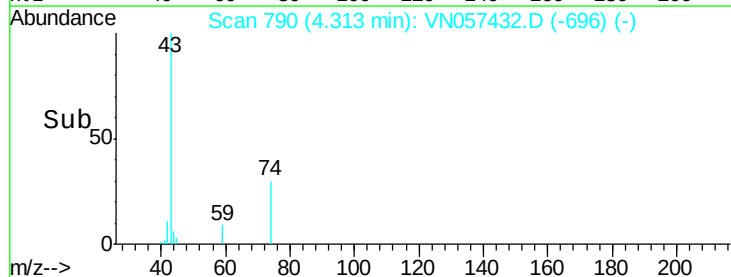
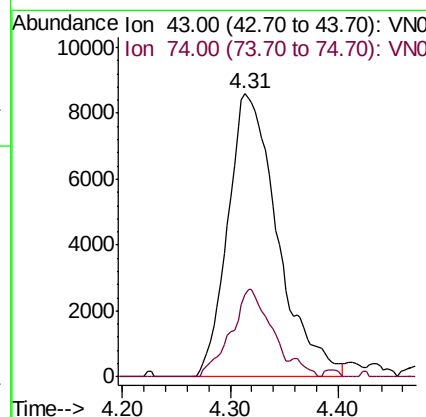
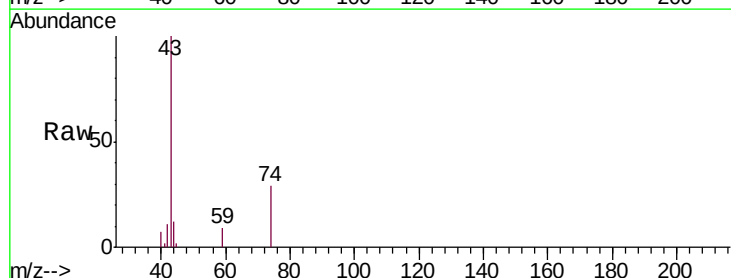
Instrument :
MSVOA_N
ClientSampled :
T6-A2-(2)

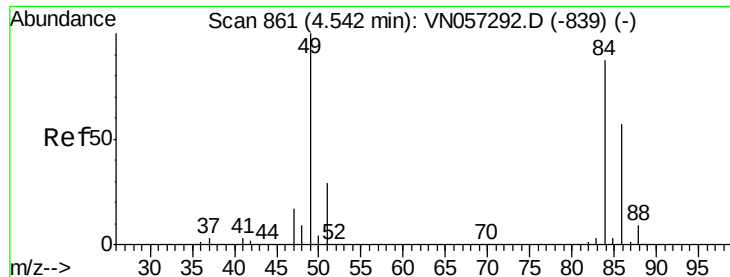
Tgt Ion: 43 Resp: 11679
Ion Ratio Lower Upper
43 100
58 36.6 27.0 40.6



#18
Methyl Acetate
Concen: 0.289 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN057432.D
Acq: 20 Aug 2019 5:16

Tgt Ion: 43 Resp: 27580
Ion Ratio Lower Upper
43 100
74 24.4 20.2 30.2

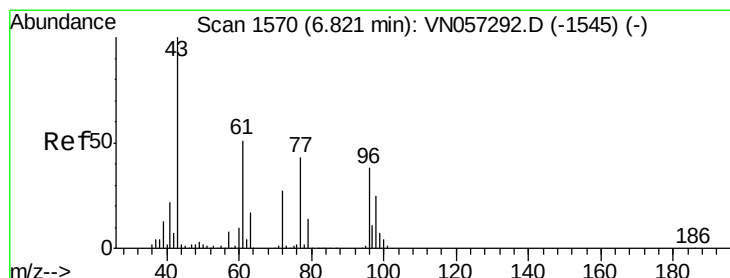
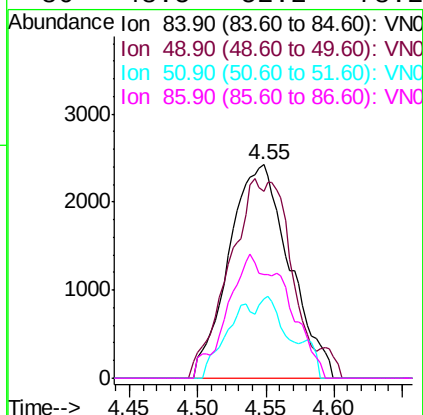
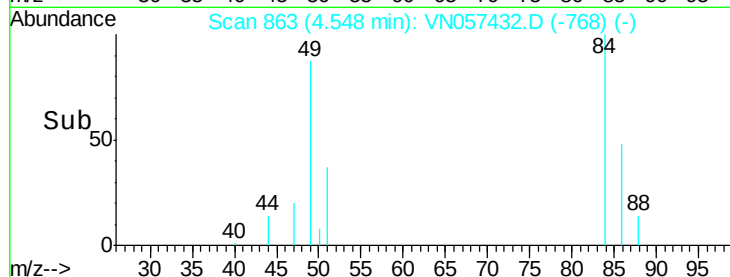
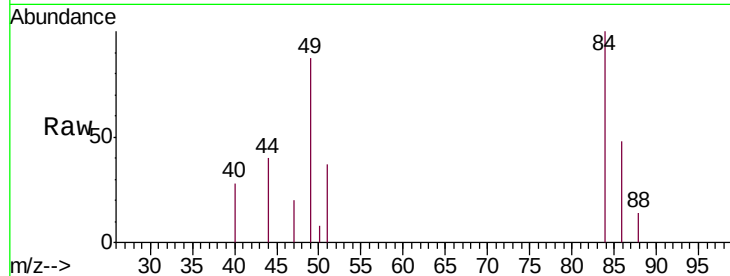




#20
Methylene Chloride
Concen: 0.698 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.01 min
Lab File: VN057432.D
Acq: 20 Aug 2019 5:16

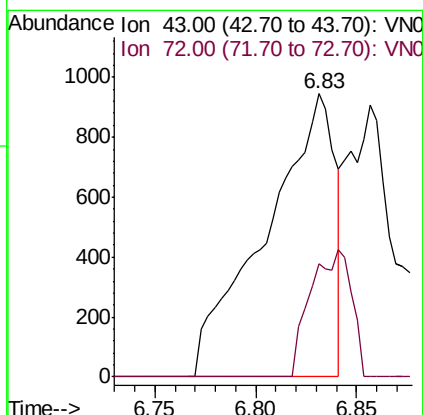
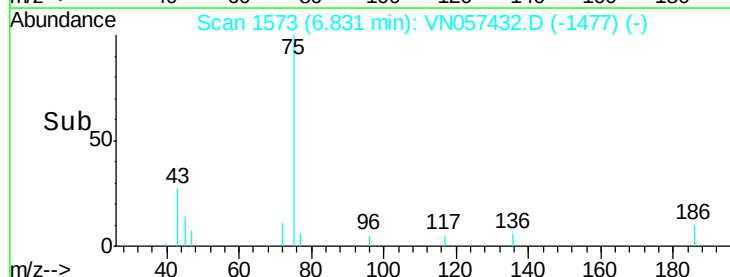
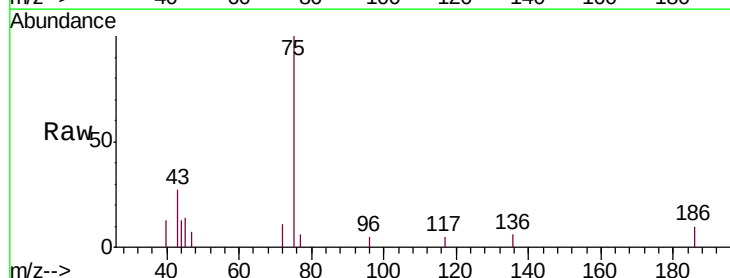
Instrument :
MSVOA_N
ClientSampled :
T6-A2-(2)

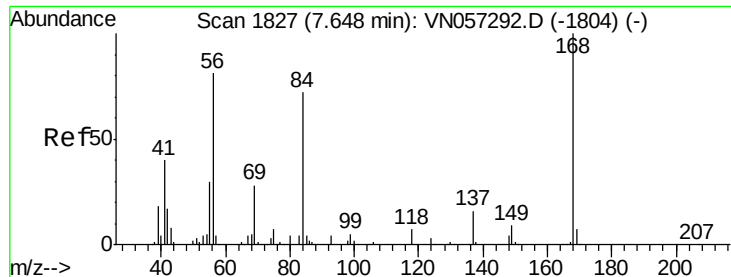
Tgt Ion: 84 Resp: 7482
Ion Ratio Lower Upper
84 100
49 87.3 92.0 138.0#
51 37.3 27.1 40.7
86 48.5 52.2 78.2#



#25
2-Butanone
Concen: 0.405 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.01 min
Lab File: VN057432.D
Acq: 20 Aug 2019 5:16

Tgt Ion: 43 Resp: 2245
Ion Ratio Lower Upper
43 100
72 39.8 21.5 32.3#

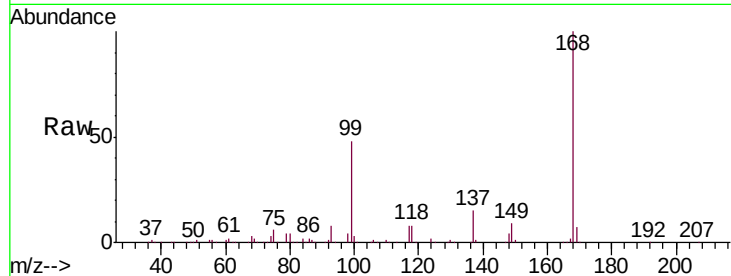




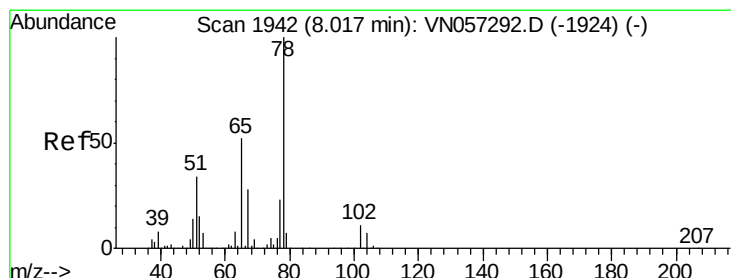
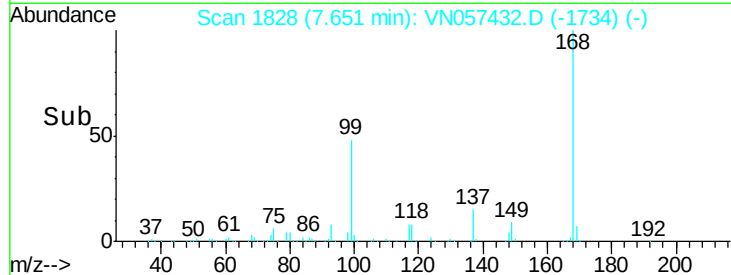
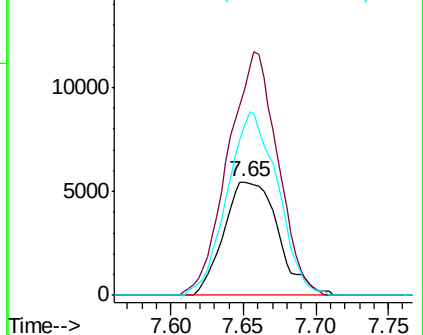
#31
Cyclohexane
Concen: 0.943 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN057432.D
Acq: 20 Aug 2019 5:16

Instrument :
MSVOA_N
ClientSampleId :
T6-A2-(2)

Tgt Ion: 56 Resp: 14188
Ion Ratio Lower Upper
56 100
69 181.6 27.3 40.9#
84 155.8 71.0 106.6#

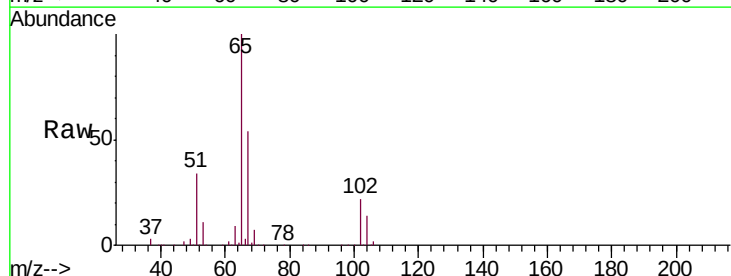


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

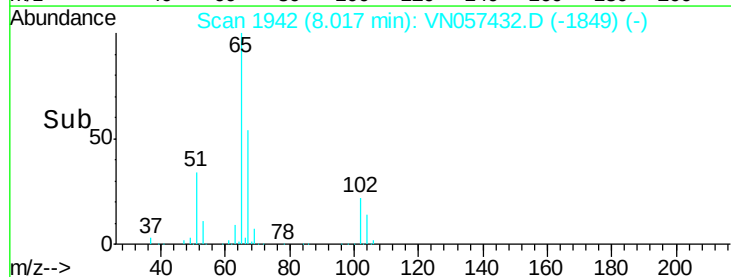
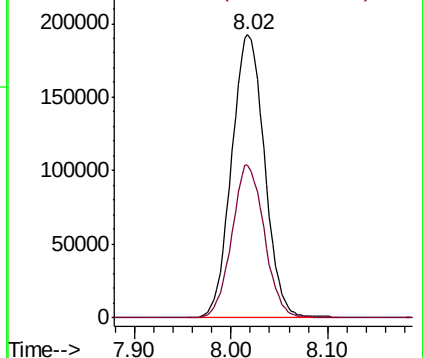


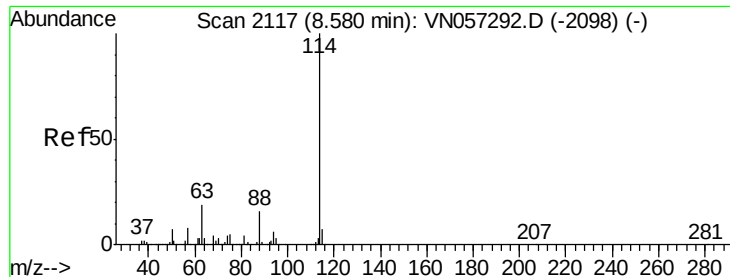
#33
1,2-Dichloroethane-d4
Concen: 41.312 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN057432.D
Acq: 20 Aug 2019 5:16

Tgt Ion: 65 Resp: 456189
Ion Ratio Lower Upper
65 100
67 53.3 0.0 107.4



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: 8.58 min Scan# 2116

Delta R.T. -0.00 min

Lab File: VN057432.D

Acq: 20 Aug 2019 5:16

Instrument :

MSVOA_N

ClientSampleId :

T6-A2-(2)

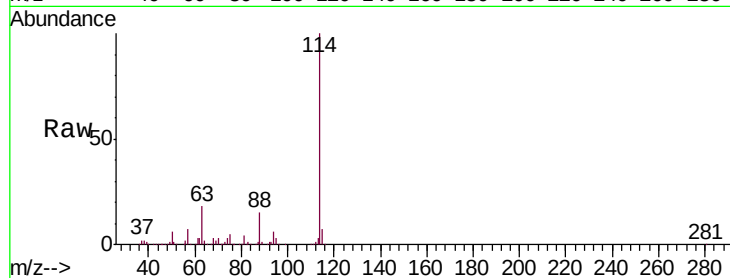
Tgt Ion:114 Resp: 1403309

Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.8

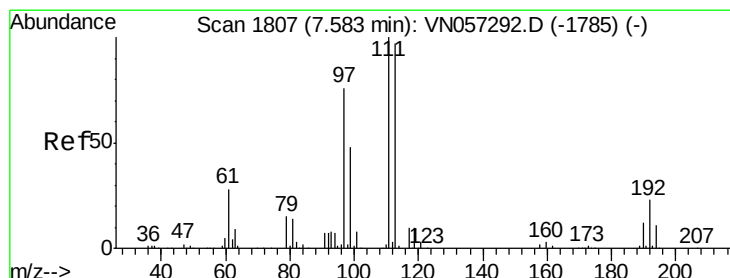
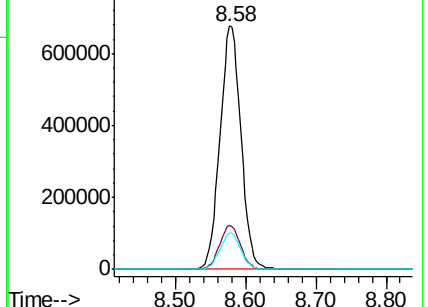
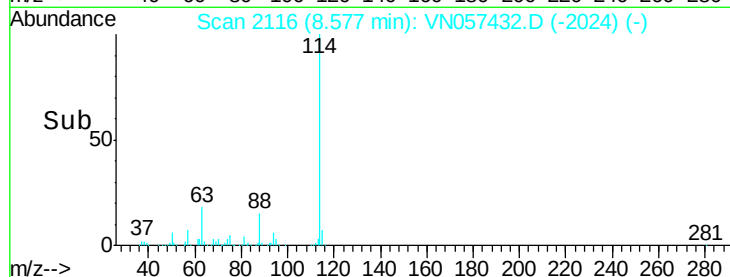
88 15.1 0.0 31.4



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: 45.557 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN057432.D

Acq: 20 Aug 2019 5:16

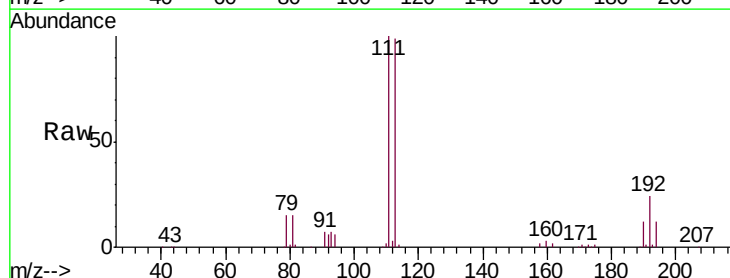
Tgt Ion:113 Resp: 419078

Ion Ratio Lower Upper

113 100

111 102.5 82.1 123.1

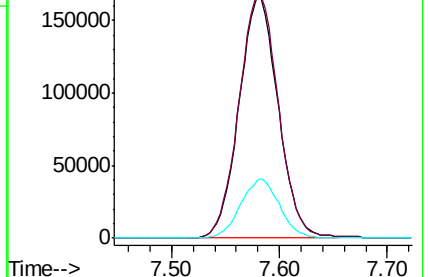
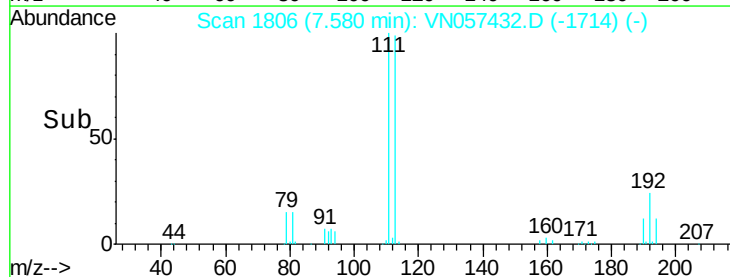
192 24.4 19.3 28.9

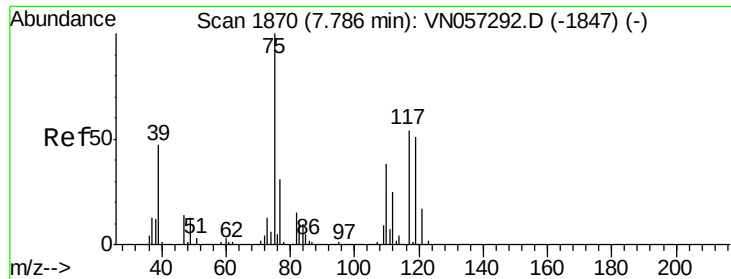


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.774 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN057432.D

Acq: 20 Aug 2019 5:16

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T6-A2-(2)

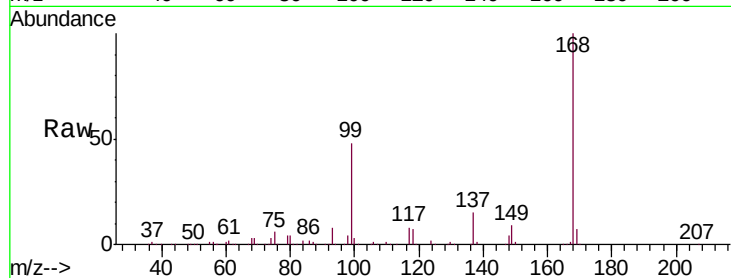
Tgt Ion: 75 Resp: 59146

Ion Ratio Lower Upper

75 100

110 9.9 19.5 58.5#

77 0.0 25.0 37.6#

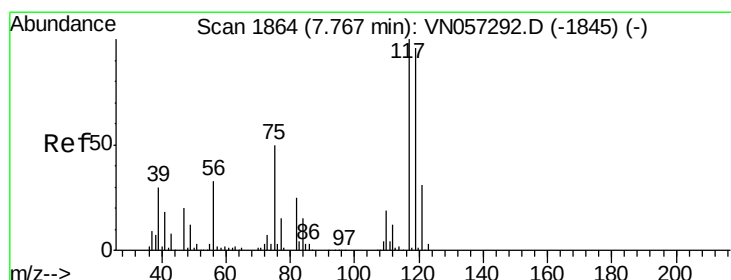
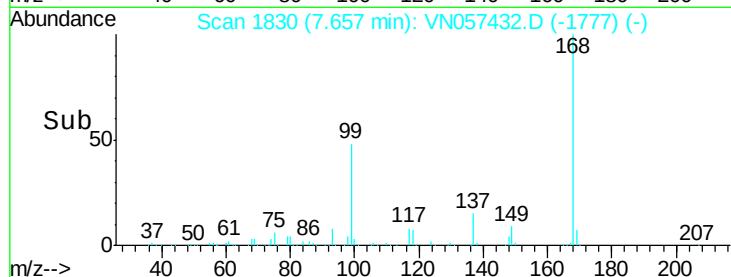


Abundance Ion 74.90 (74.60 to 75.60): VN057432.D (-1777) (-)

Ion 109.90 (109.60 to 110.60): VN057432.D (-1777) (-)

Ion 76.90 (76.60 to 77.60): VN057432.D (-1777) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.490 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN057432.D

Acq: 20 Aug 2019 5:16

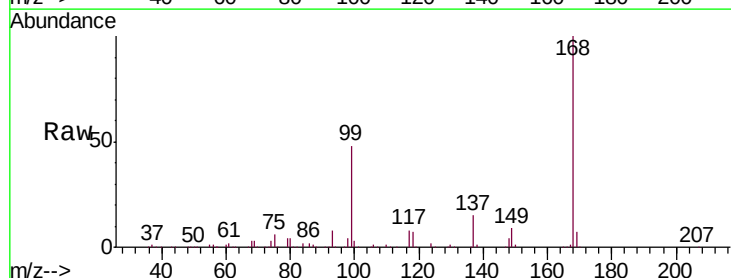
Tgt Ion: 117 Resp: 83555

Ion Ratio Lower Upper

117 100

119 5.6 76.8 115.2#

121 0.0 25.0 37.4#

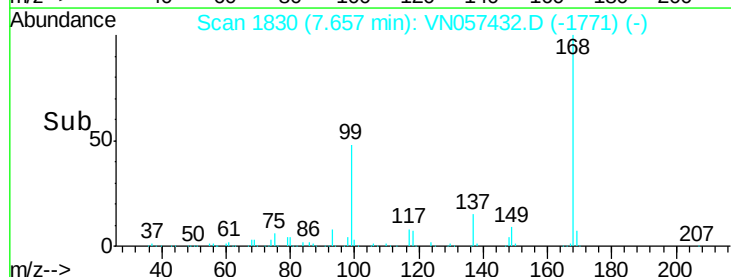


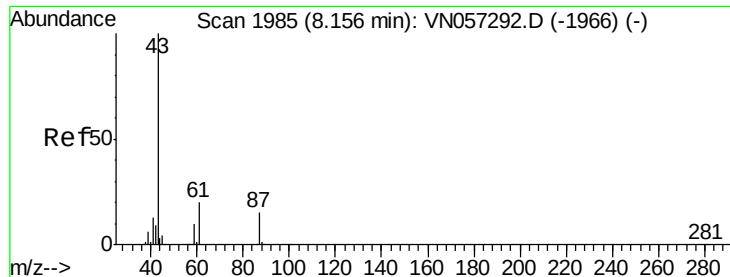
Abundance Ion 116.80 (116.50 to 117.50): VN057432.D (-1771) (-)

Ion 118.80 (118.50 to 119.50): VN057432.D (-1771) (-)

Ion 120.80 (120.50 to 121.50): VN057432.D (-1771) (-)

Time-->





#43

Isopropyl Acetate

Concen: 8.747 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. -0.00 min

Lab File: VN057432.D

Acq: 20 Aug 2019 5:16

Instrument :

MSVOA_N

ClientSampleId :

T6-A2-(2)

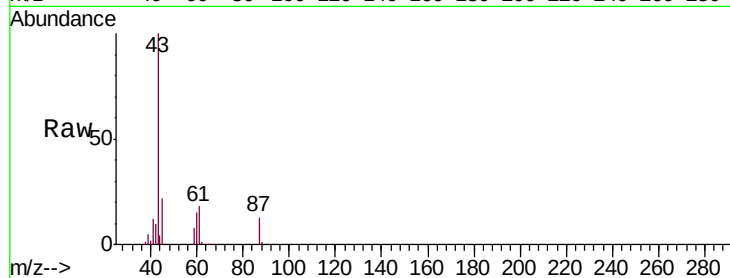
Tgt Ion: 43 Resp: 179615

Ion Ratio Lower Upper

43 100

61 15.5 21.6 32.4#

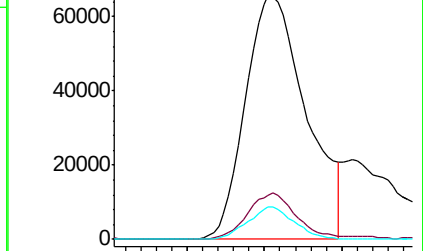
87 10.1 11.4 17.0#



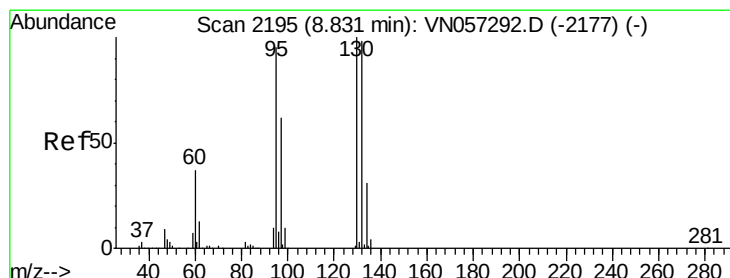
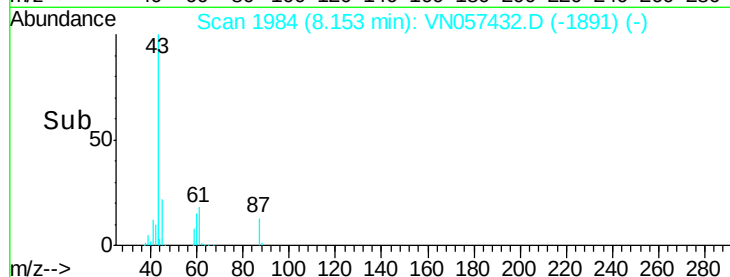
Abundance Ion 43.00 (42.70 to 43.70): VN057292.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN057292.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN057292.D (-1966) (-)



Time-->



#44

Trichloroethene

Concen: 0.201 ug/l

RT: 8.83 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VN057432.D

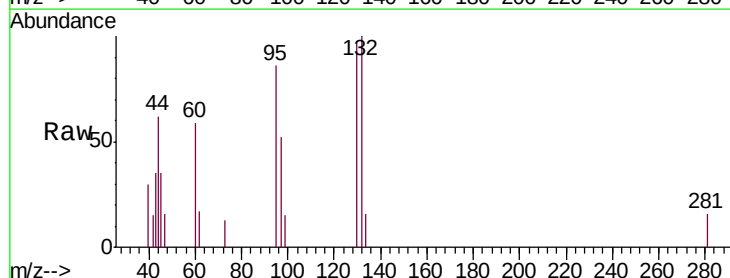
Acq: 20 Aug 2019 5:16

Tgt Ion: 130 Resp: 2145

Ion Ratio Lower Upper

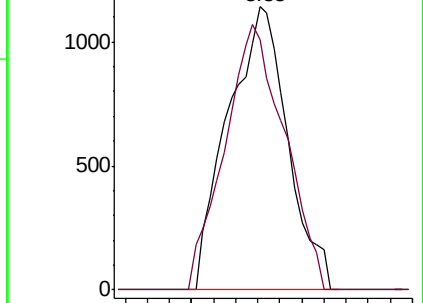
130 100

95 88.4 0.0 189.2

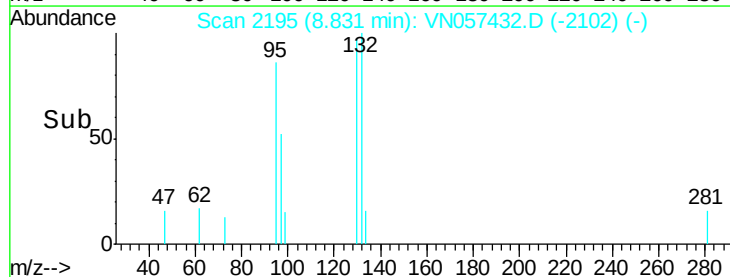


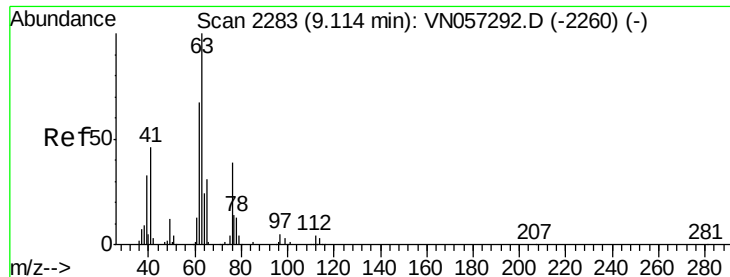
Abundance Ion 129.80 (129.50 to 130.50): VN057292.D (-2177) (-)

Ion 94.90 (94.60 to 95.60): VN057292.D (-2177) (-)



Time-->





#45

1,2-Dichloropropane

Concen: 0.258 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.14 min

Lab File: VN057432.D

Acq: 20 Aug 2019 5:16

Instrument :

MSVOA_N

ClientSampled :

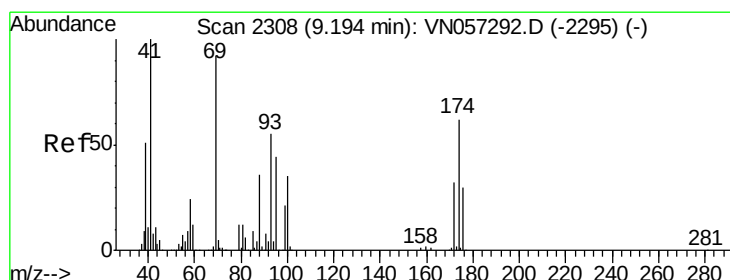
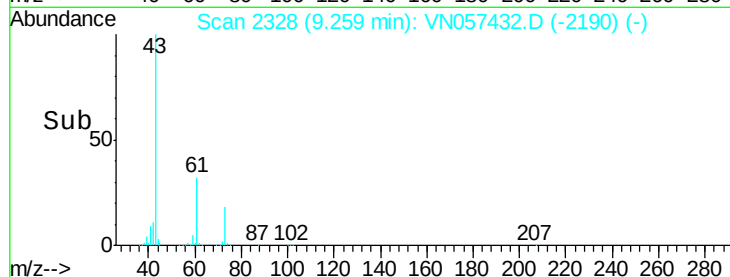
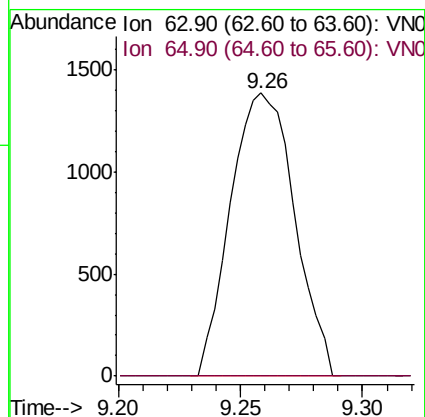
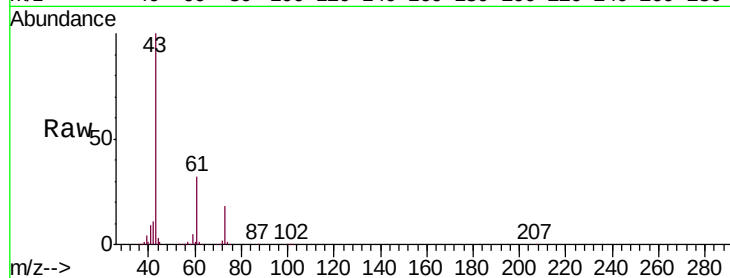
T6-A2-(2)

Tgt Ion: 63 Resp: 2525

Ion Ratio Lower Upper

63 100

65 0.0 24.8 37.2#



#48

Methyl methacrylate

Concen: 0.736 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.02 min

Lab File: VN057432.D

Acq: 20 Aug 2019 5:16

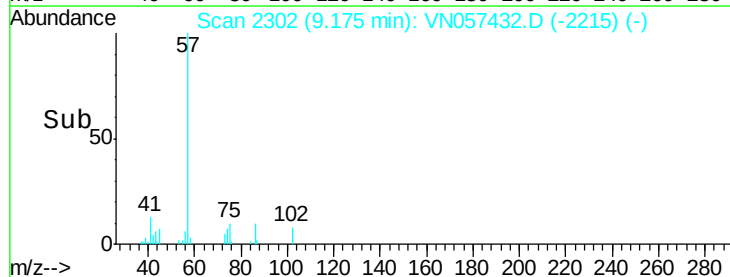
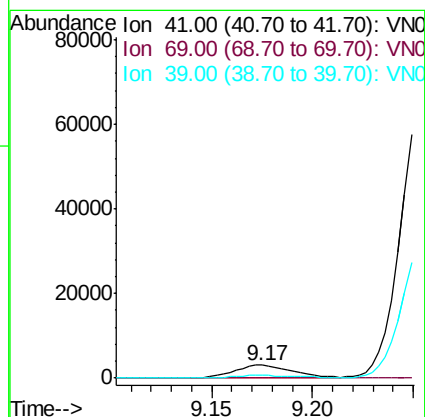
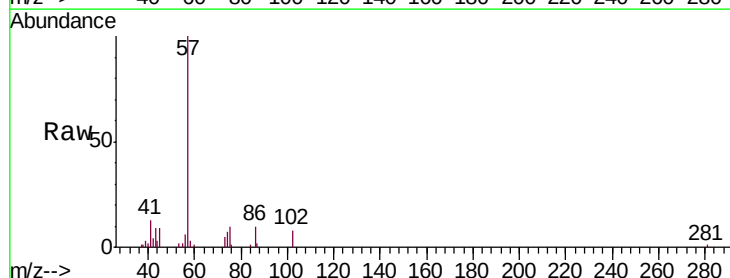
Tgt Ion: 41 Resp: 6153

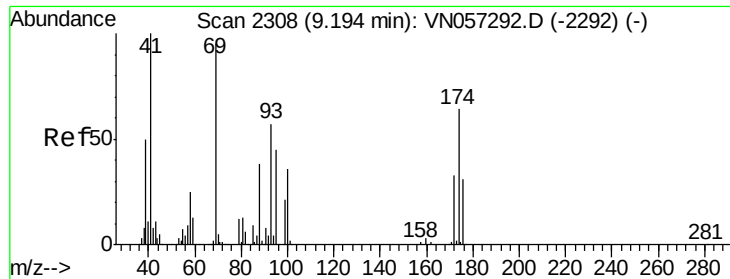
Ion Ratio Lower Upper

41 100

69 0.0 75.9 113.9#

39 0.0 42.3 63.5#





#49

1,4-Dioxane

Concen: 0.603 ug/l

RT: 9.25 min Scan# 2326

Delta R.T. 0.06 min

Lab File: VN057432.D

Acq: 20 Aug 2019 5:16

Instrument :

MSVOA_N

ClientSampled :

T6-A2-(2)

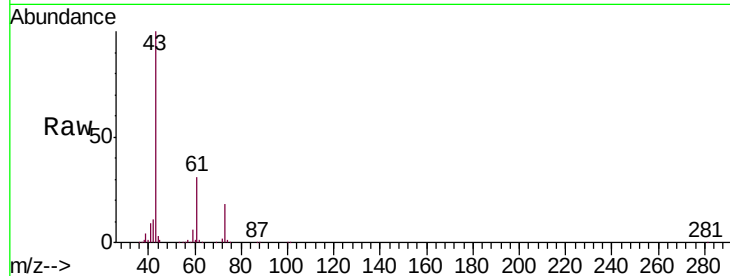
Tgt Ion: 88 Resp: 106

Ion Ratio Lower Upper

88 100

43 1762173.6 22.9 34.3#

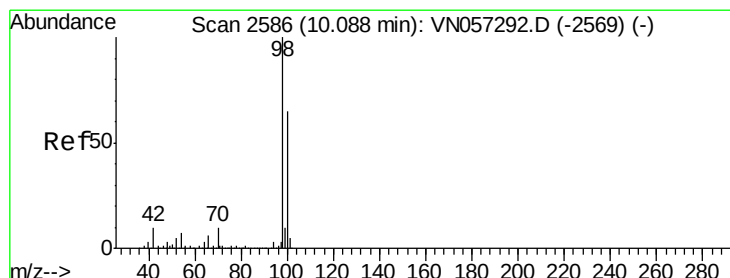
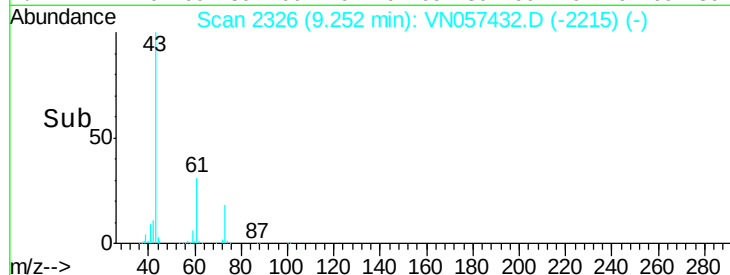
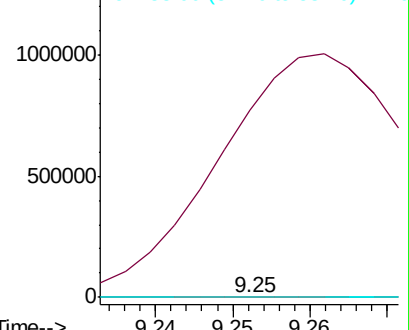
58 8181.1 52.7 79.1#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 47.818 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057432.D

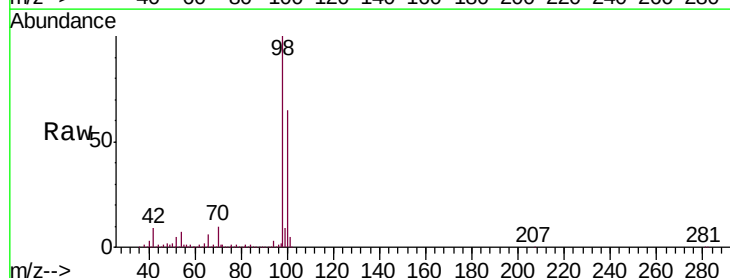
Acq: 20 Aug 2019 5:16

Tgt Ion: 98 Resp: 1608851

Ion Ratio Lower Upper

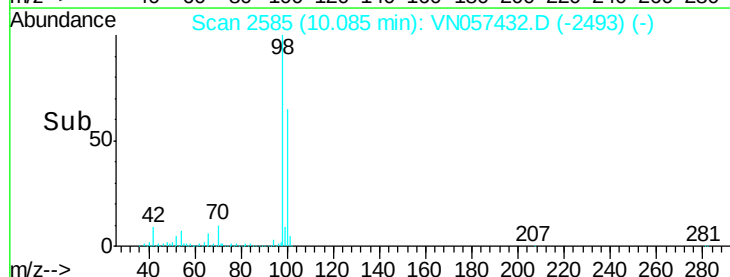
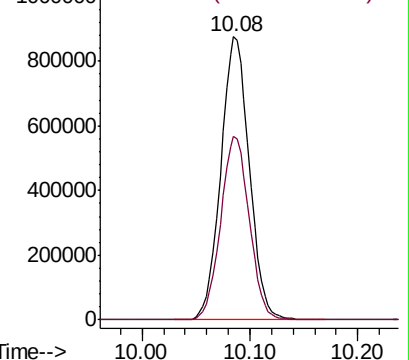
98 100

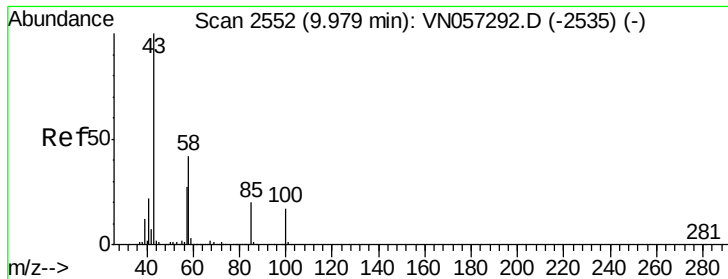
100 65.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

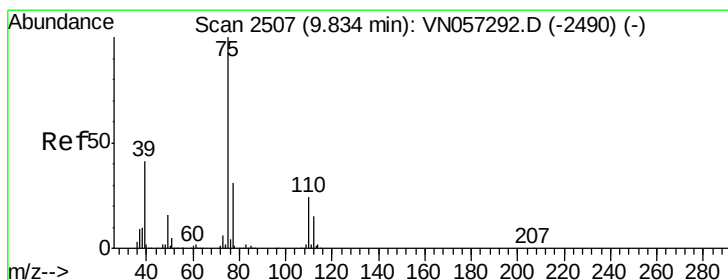
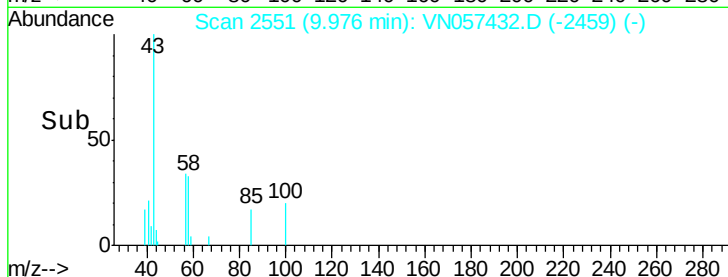
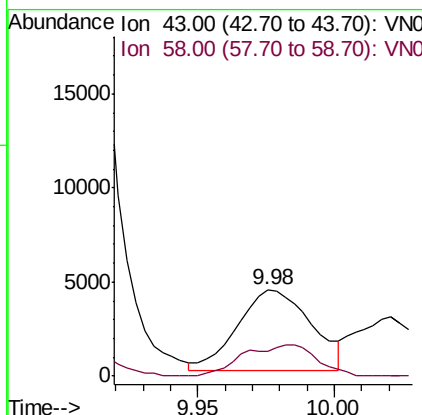
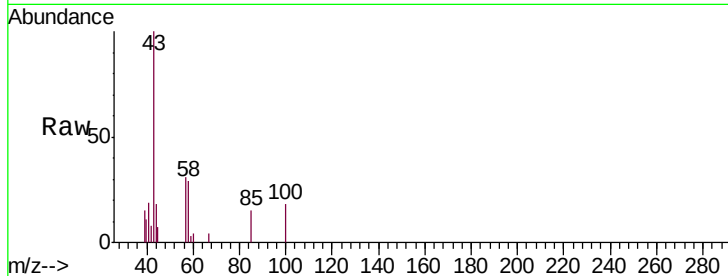




#51
 4-Methyl-2-Pentanone
 Concen: 0.771 ug/l
 RT: 9.98 min Scan# 2551
 Delta R.T. -0.00 min
 Lab File: VN057432.D
 Acq: 20 Aug 2019 5:16

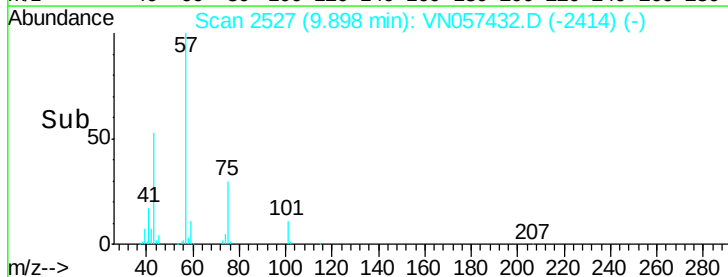
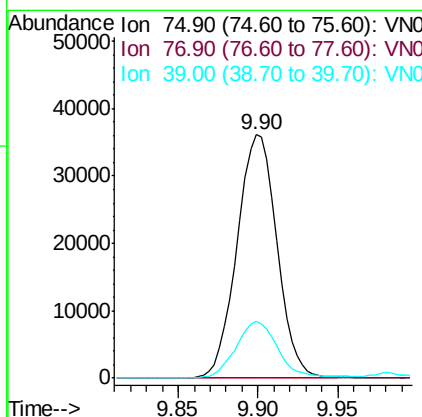
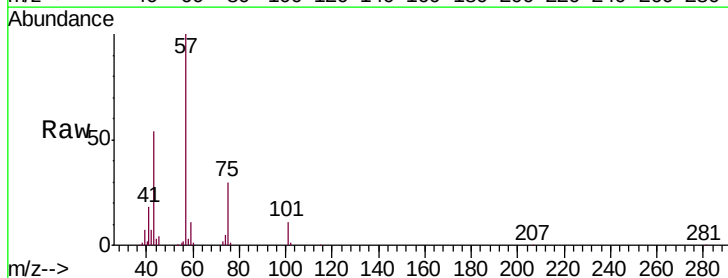
Instrument :
 MSVOA_N
 ClientSampled :
 T6-A2-(2)

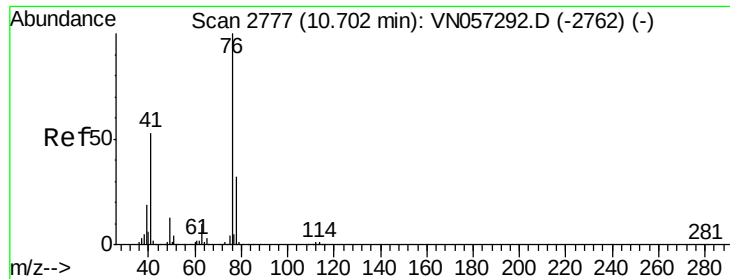
Tgt Ion: 43 Resp: 8069
 Ion Ratio Lower Upper
 43 100
 58 38.6 33.2 49.8



#54
 cis-1,3-Dichloropropene
 Concen: 4.002 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN057432.D
 Acq: 20 Aug 2019 5:16

Tgt Ion: 75 Resp: 61627
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.9 37.3#
 39 23.2 32.7 49.1#





#57

1,3-Dichloropropane

Concen: 0.591 ug/l

RT: 10.76 min Scan# 2794

Delta R.T. 0.05 min

Lab File: VN057432.D

Acq: 20 Aug 2019 5:16

Instrument :

MSVOA_N

ClientSampled :

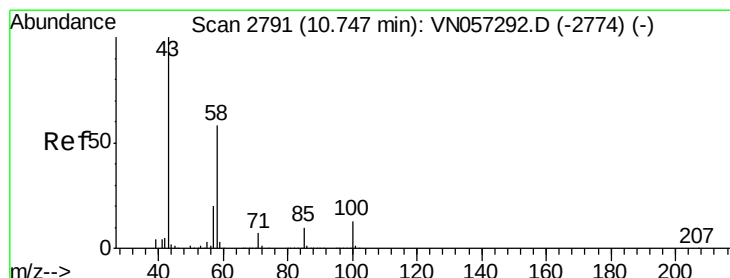
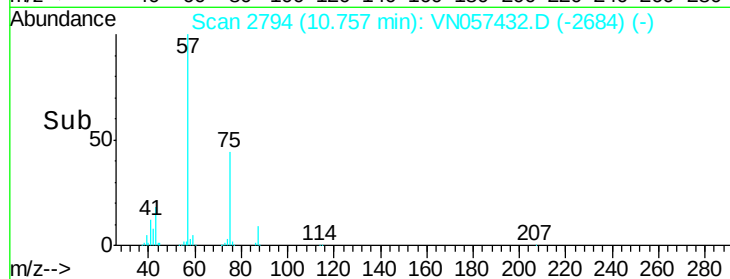
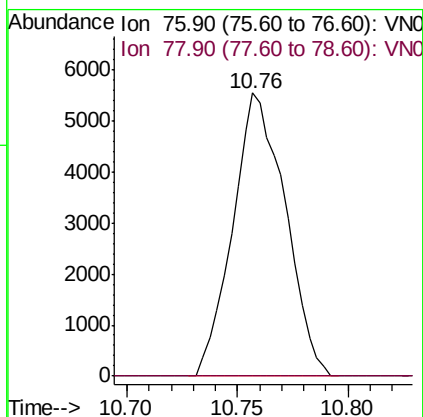
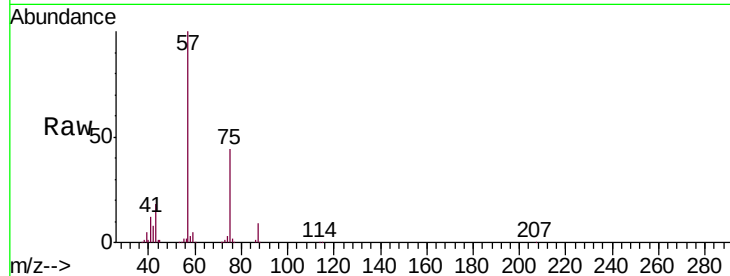
T6-A2-(2)

Tgt Ion: 76 Resp: 9162

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



#59

2-Hexanone

Concen: 15.216 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.01 min

Lab File: VN057432.D

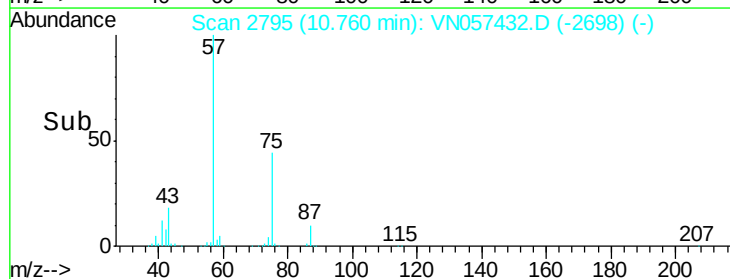
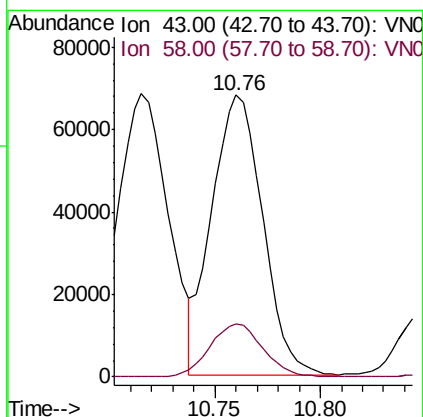
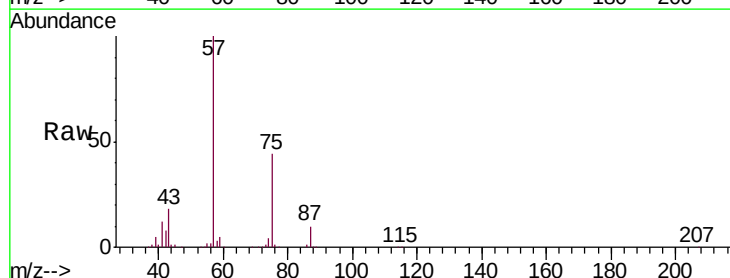
Acq: 20 Aug 2019 5:16

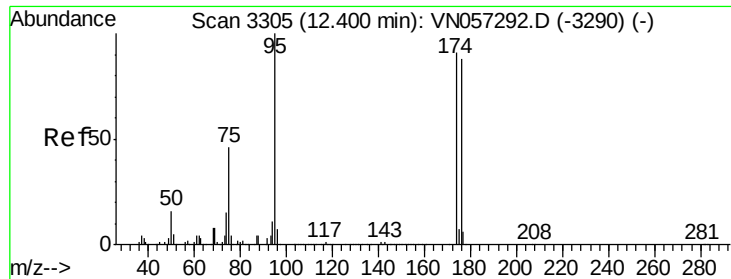
Tgt Ion: 43 Resp: 114529

Ion Ratio Lower Upper

43 100

58 19.7 28.6 85.9#





#62

4-Bromofluorobenzene

Concen: 34.698 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057432.D

Acq: 20 Aug 2019 5:16

Instrument :

MSVOA_N

ClientSampleId :

T6-A2-(2)

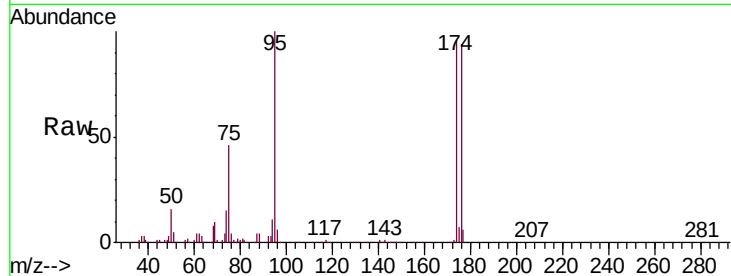
Tgt Ion: 95 Resp: 412566

Ion Ratio Lower Upper

95 100

174 97.1 0.0 185.0

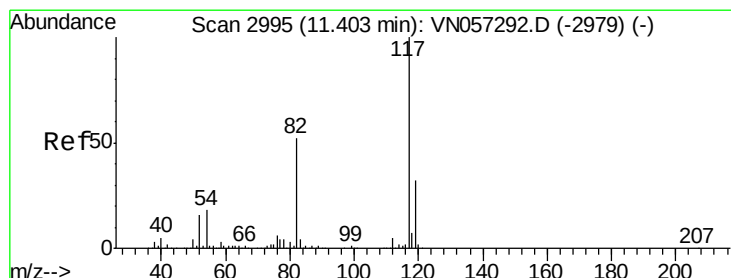
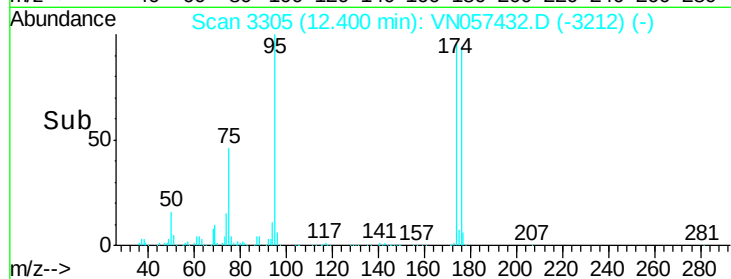
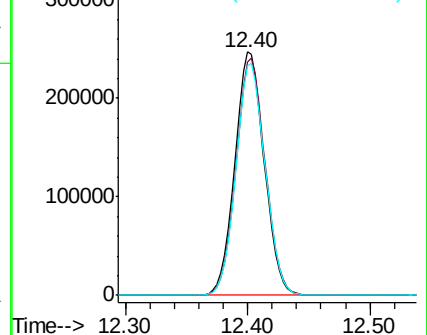
176 94.9 0.0 181.0



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: VN057432.D

Acq: 20 Aug 2019 5:16

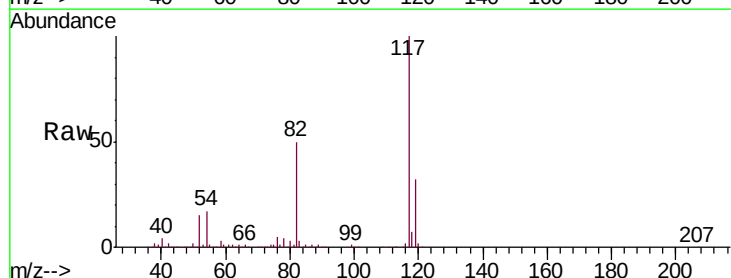
Tgt Ion: 117 Resp: 1155726

Ion Ratio Lower Upper

117 100

82 50.2 41.2 61.8

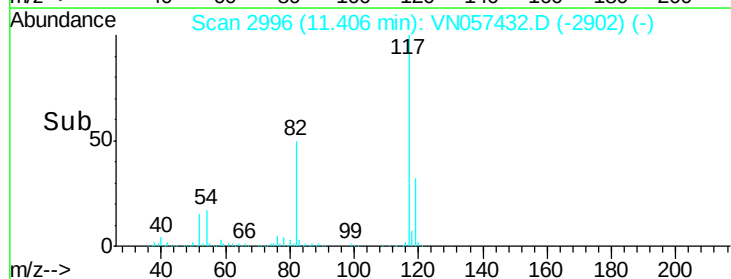
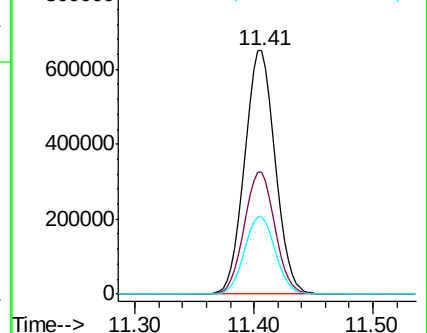
119 31.6 25.8 38.8

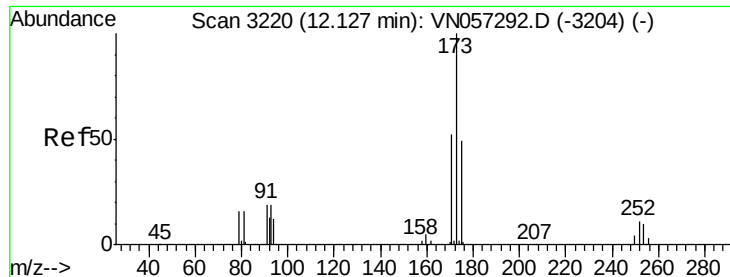


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

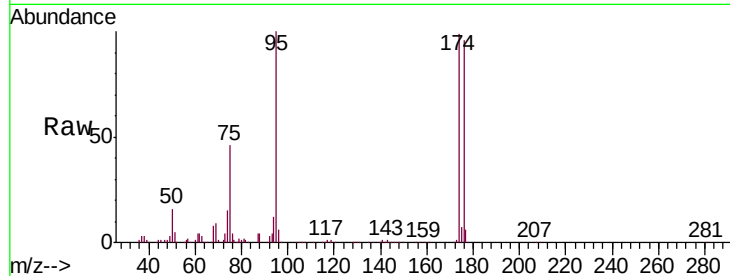




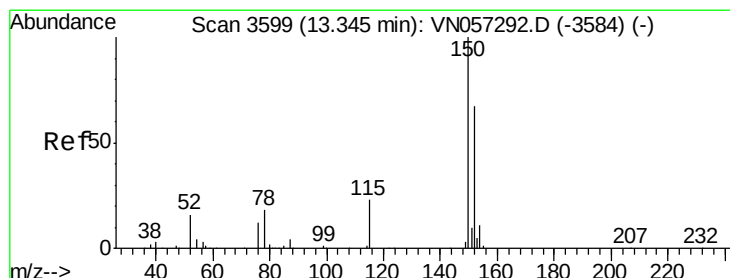
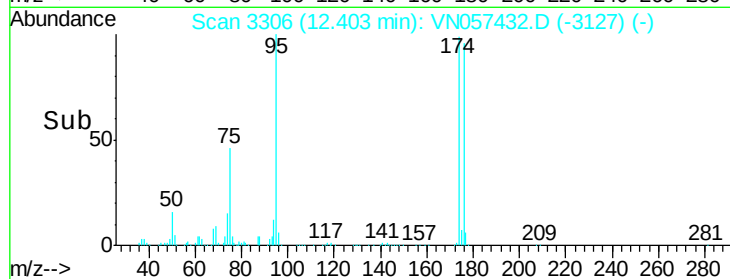
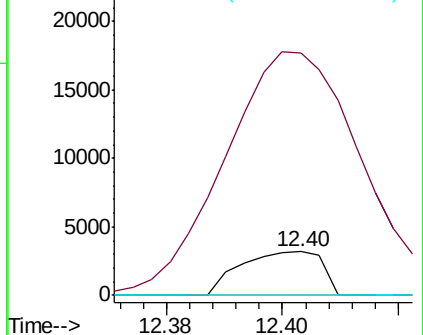
#71
Bromoform
Concen: 0.434 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN057432.D
Acq: 20 Aug 2019 5:16

Instrument :
MSVOA_N
ClientSampleId :
T6-A2-(2)

Tgt Ion:173 Resp: 3090
Ion Ratio Lower Upper
173 100
175 831.5 24.2 72.6#
254 0.0 0.2 0.2#

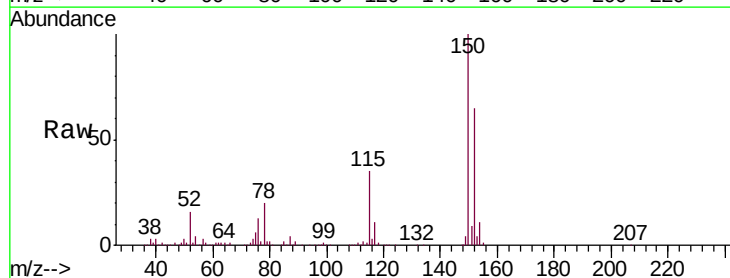


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

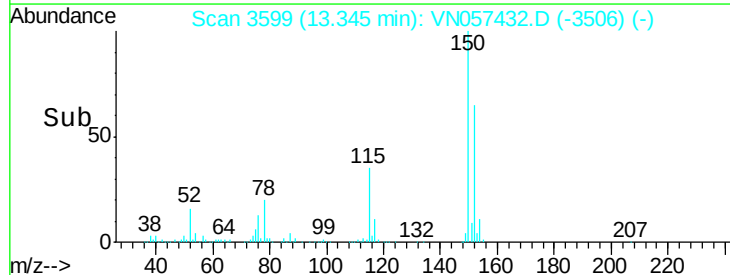
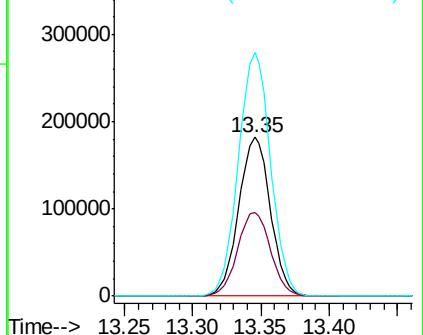


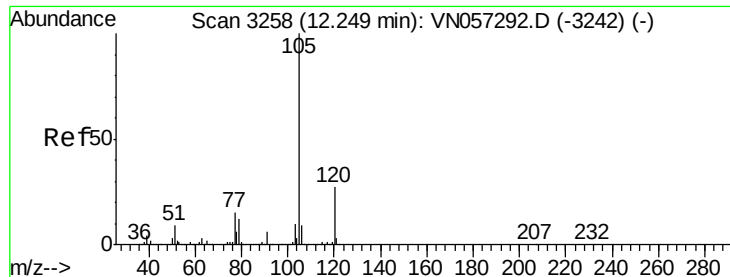
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057432.D
Acq: 20 Aug 2019 5:16

Tgt Ion:152 Resp: 294376
Ion Ratio Lower Upper
152 100
115 54.5 27.3 81.9
150 155.8 0.0 344.4



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: 12.40 min Scan# 3305

Delta R.T. 0.15 min

Lab File: VN057432.D

Acq: 20 Aug 2019 5:16

Instrument :

MSVOA_N

ClientSampleId :

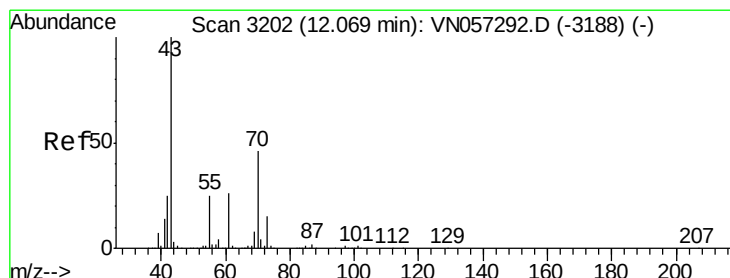
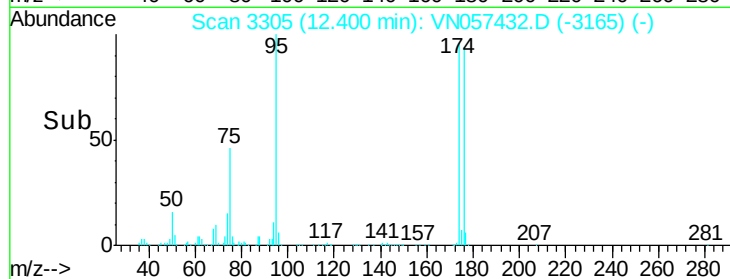
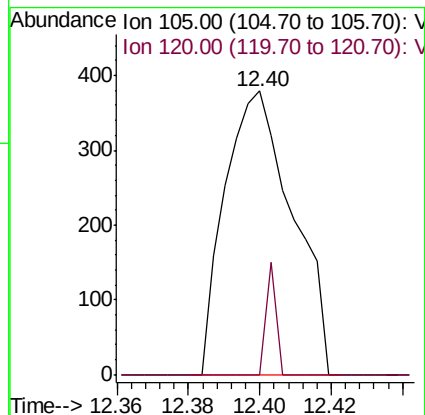
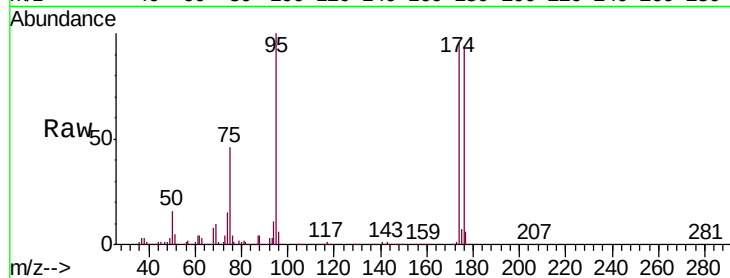
T6-A2-(2)

Tgt Ion: 105 Resp: 496

Ion Ratio Lower Upper

105 100

120 5.8 13.2 39.6#



#74

N-ethyl acetate

Concen: 0.536 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN057432.D

Acq: 20 Aug 2019 5:16

Tgt Ion: 43 Resp: 4582

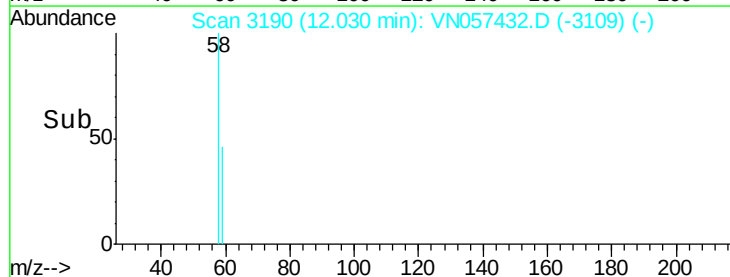
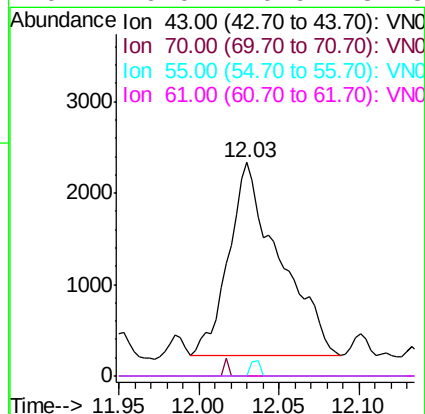
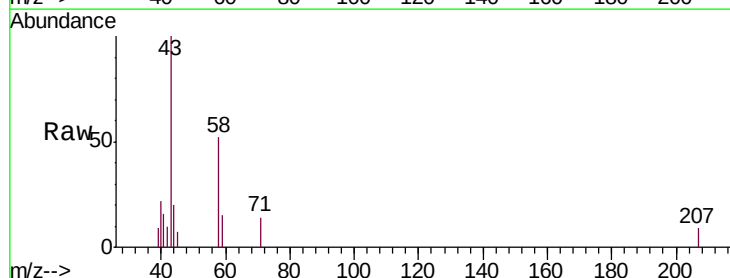
Ion Ratio Lower Upper

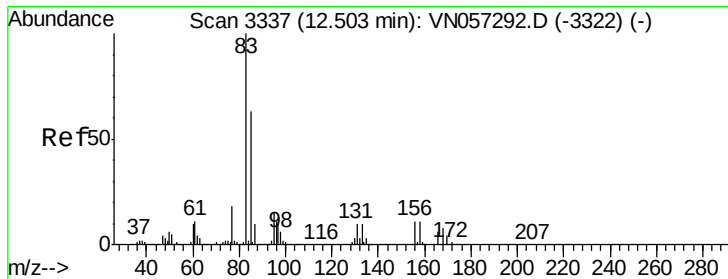
43 100

70 0.8 36.2 54.2#

55 1.3 20.1 30.1#

61 0.0 20.9 31.3#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3306

Delta R.T. -0.10 min

Lab File: VN057432.D

Acq: 20 Aug 2019 5:16

Instrument :

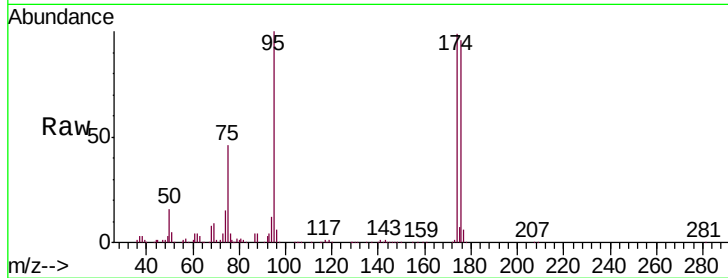
MSVOA_N

ClientSampleId :

T6-A2-(2)

Tgt Ion: 83 Resp: 312

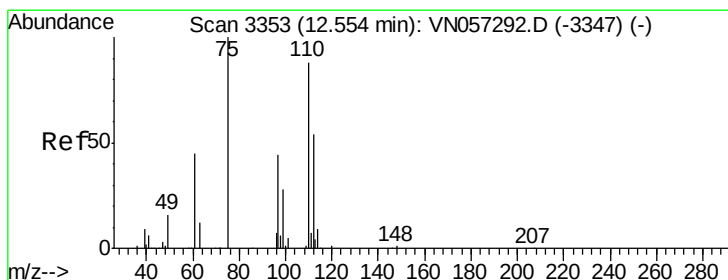
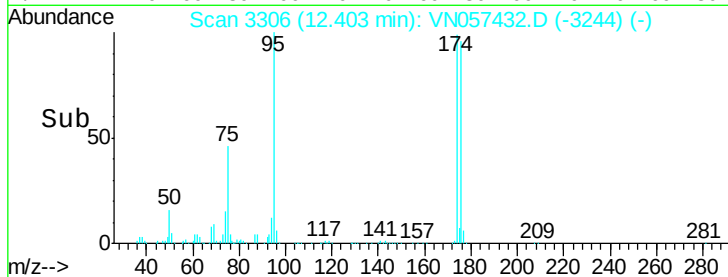
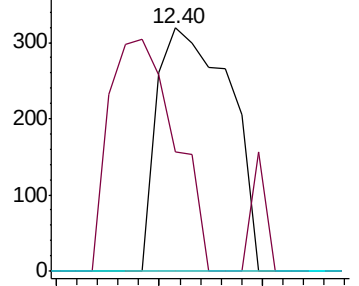
Ion	Ratio	Lower	Upper
83	100		
131	86.5	5.4	16.2#
85	0.0	32.3	96.9#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 32.112 ug/l

RT: 12.40 min Scan# 3305

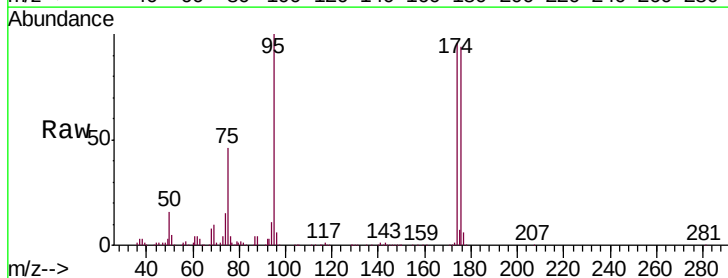
Delta R.T. -0.15 min

Lab File: VN057432.D

Acq: 20 Aug 2019 5:16

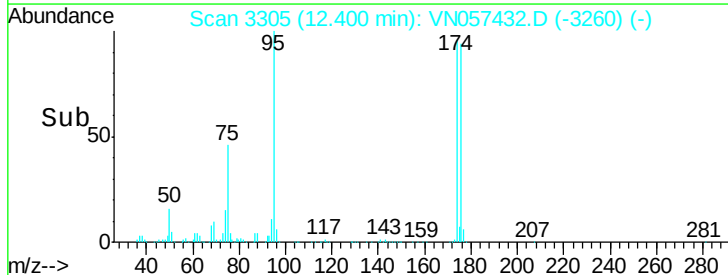
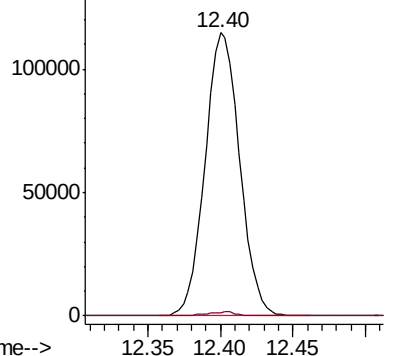
Tgt Ion: 75 Resp: 190001

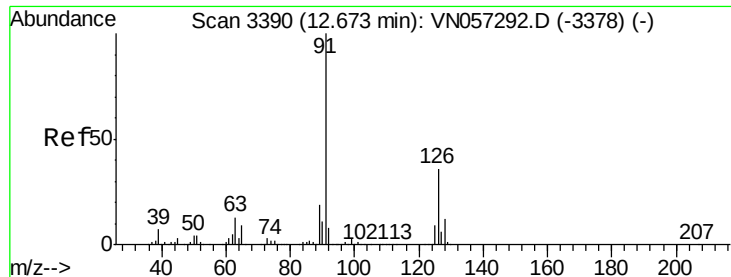
Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.69 min Scan# 3394

Delta R.T. 0.01 min

Lab File: VN057432.D

Acq: 20 Aug 2019 5:16

Instrument :

MSVOA_N

ClientSampled :

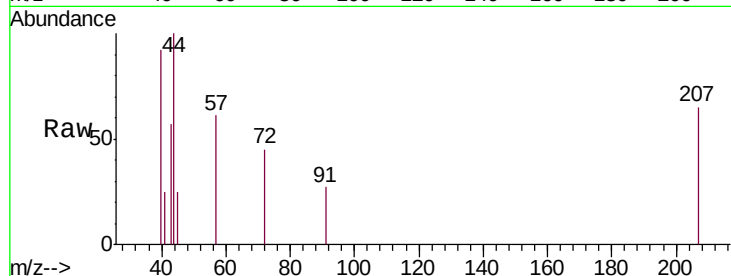
T6-A2-(2)

Tgt Ion: 91 Resp: 107

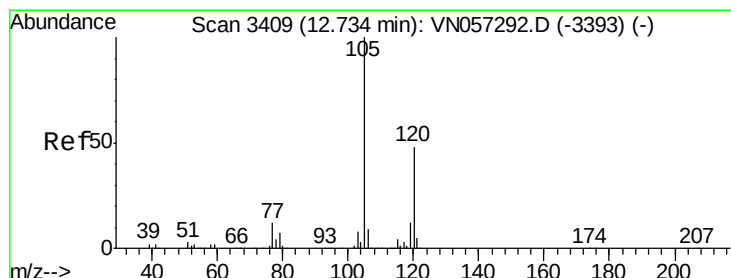
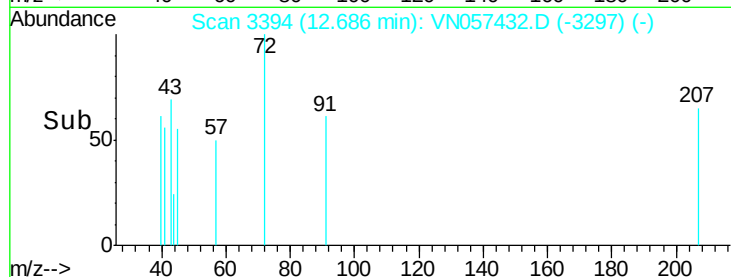
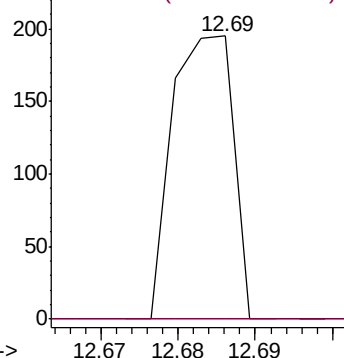
Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.1#



Abundance Ion 91.00 (90.70 to 91.70): VN057292.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN057432.D

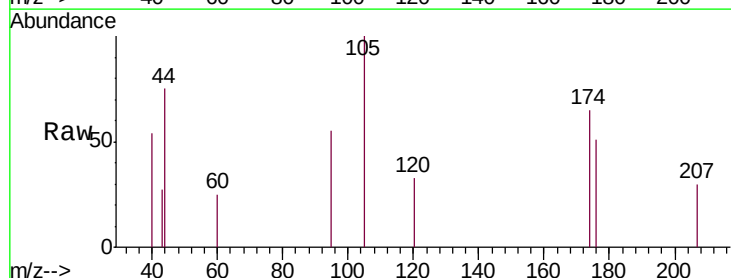
Acq: 20 Aug 2019 5:16

Tgt Ion: 105 Resp: 1315

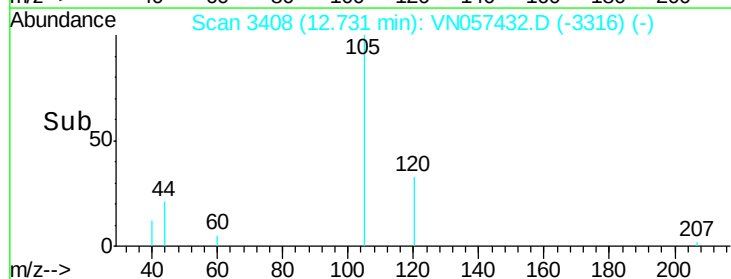
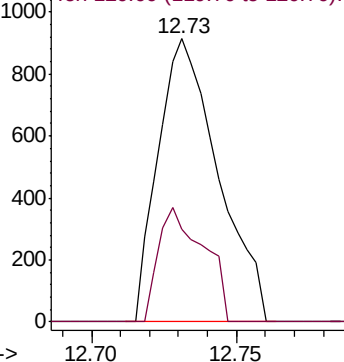
Ion Ratio Lower Upper

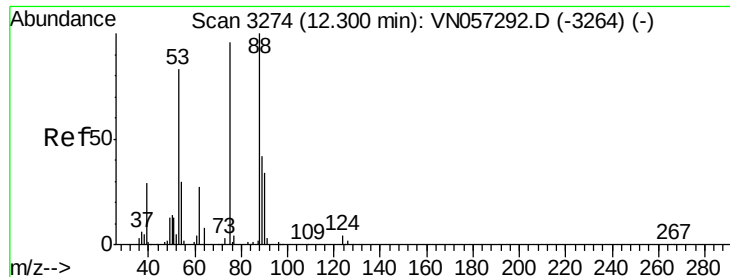
105 100

120 30.6 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VN057292.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 78.703 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN057432.D

Acq: 20 Aug 2019 5:16

Instrument :

MSVOA_N

ClientSampled :

T6-A2-(2)

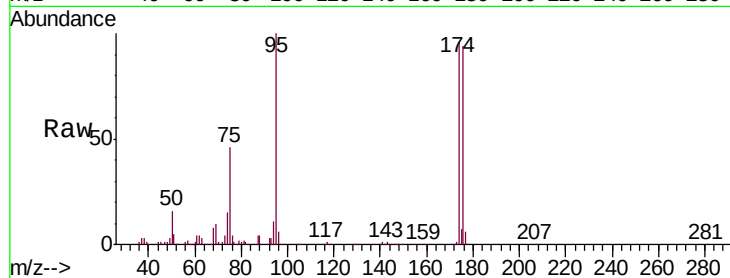
Tgt Ion: 75 Resp: 190001

Ion Ratio Lower Upper

75 100

53 0.0 67.9 101.9#

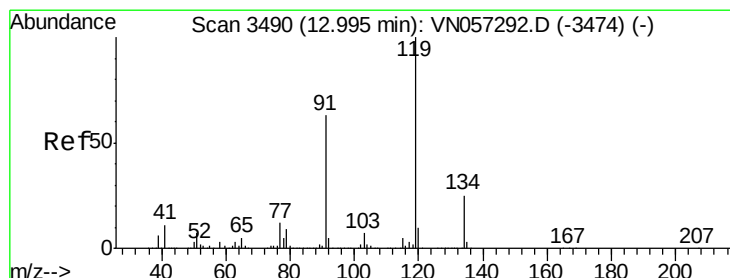
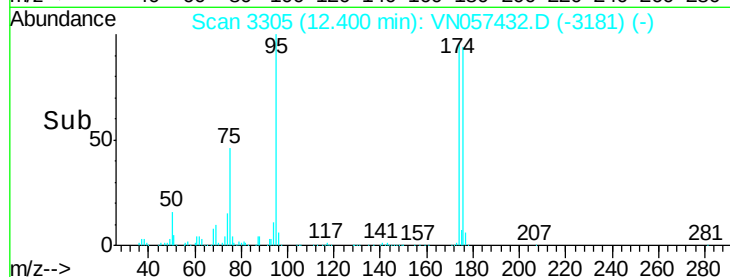
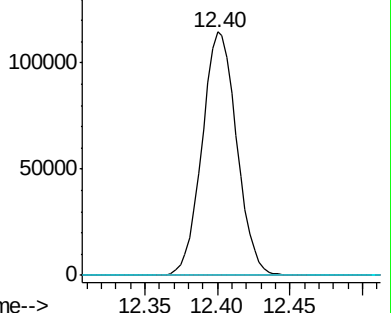
89 0.0 36.2 54.4#



Abundance Ion 74.90 (74.60 to 75.60): VN057432.D (-3305) (-)

Ion 53.00 (52.70 to 53.70): VN057432.D (-3305) (-)

Ion 88.90 (88.60 to 89.60): VN057432.D (-3305) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.22 min Scan# 3560

Delta R.T. 0.23 min

Lab File: VN057432.D

Acq: 20 Aug 2019 5:16

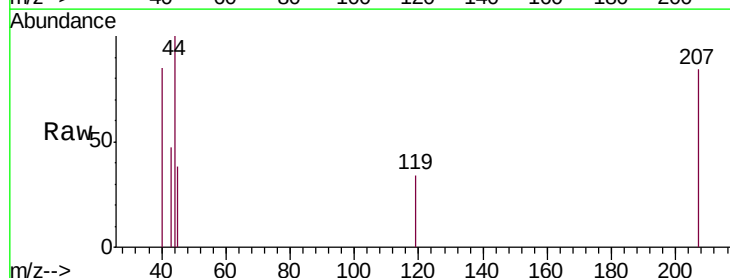
Tgt Ion: 119 Resp: 66

Ion Ratio Lower Upper

119 100

91 0.0 31.3 93.8#

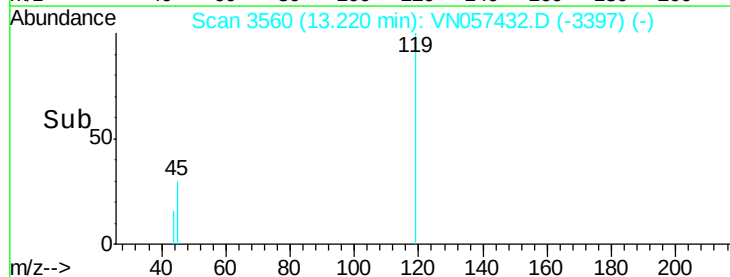
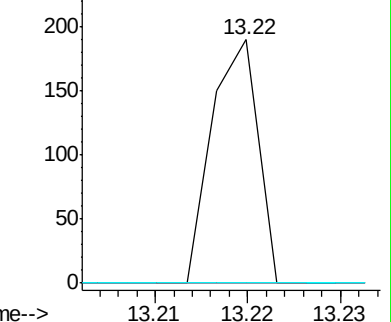
134 0.0 13.1 39.1#

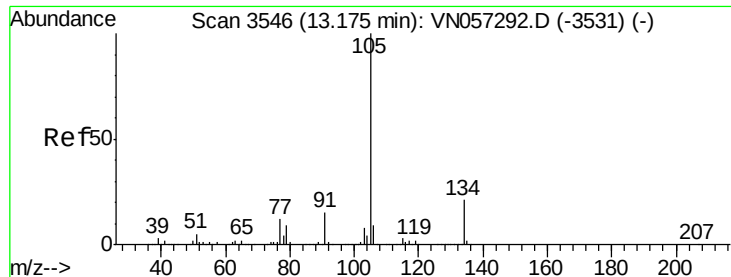


Abundance Ion 119.00 (118.70 to 119.70): VN057432.D (-3560) (-)

Ion 91.00 (90.70 to 91.70): VN057432.D (-3560) (-)

Ion 134.00 (133.70 to 134.70): VN057432.D (-3560) (-)





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN057432.D

Acq: 20 Aug 2019 5:16

Instrument :

MSVOA_N

ClientSampleId :

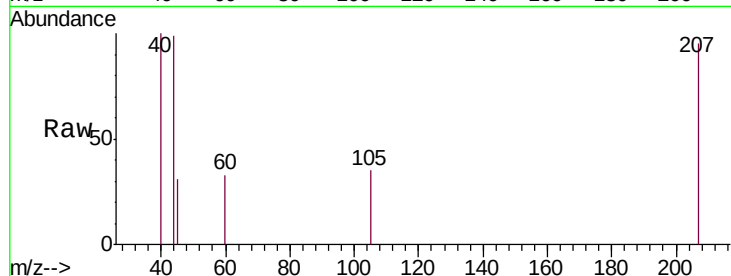
T6-A2-(2)

Tgt Ion:105 Resp: 64

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.04

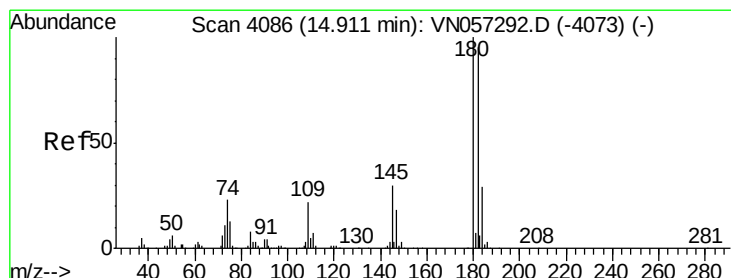
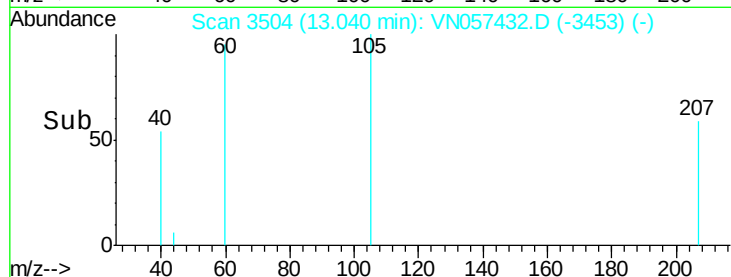
150

100

50

0

Time--> 13.03 13.04 13.05



#93

1,2,4-Trichlorobenzene

Concen: 5.413 ug/l

RT: 14.92 min Scan# 4088

Delta R.T. 0.01 min

Lab File: VN057432.D

Acq: 20 Aug 2019 5:16

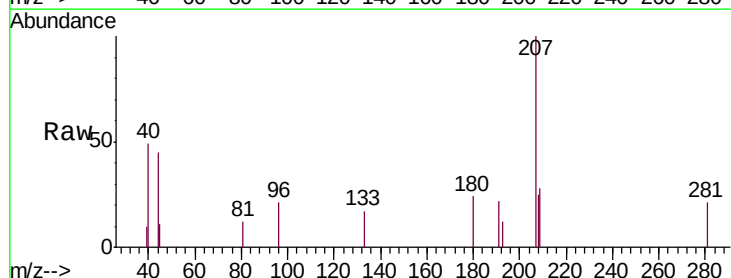
Tgt Ion:180 Resp: 248

Ion Ratio Lower Upper

180 100

182 25.4 48.0 144.2#

145 0.0 14.5 43.6#



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

14.92

400

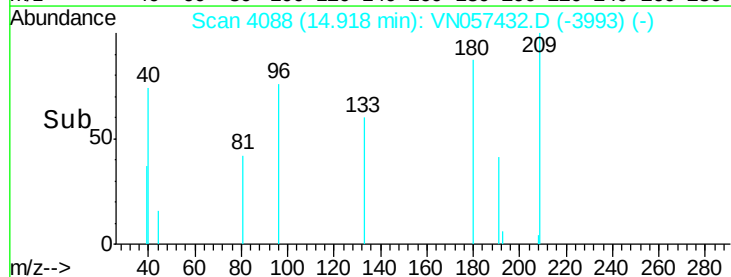
300

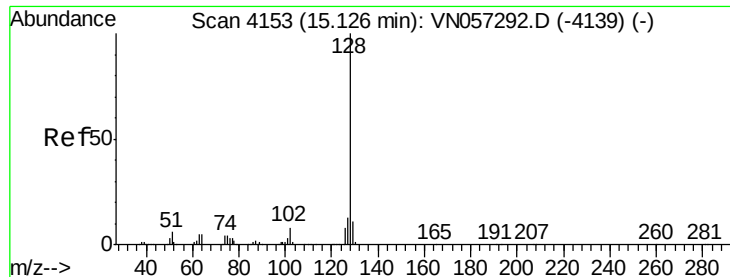
200

100

0

Time--> 14.90 14.92

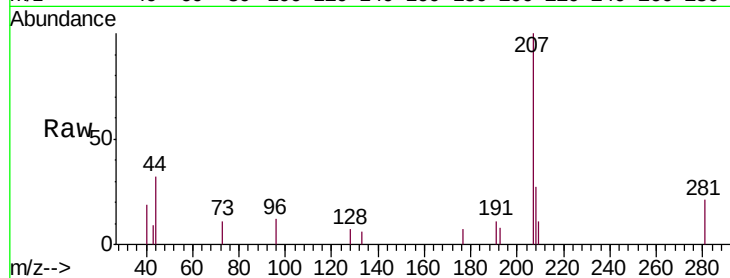




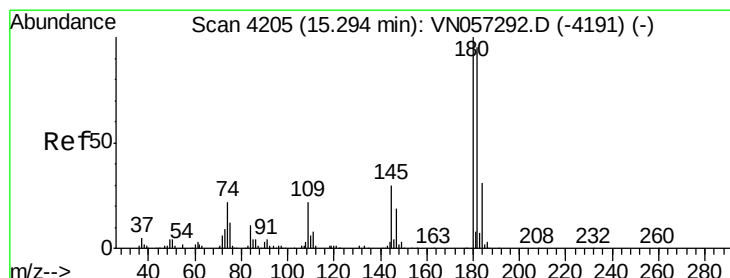
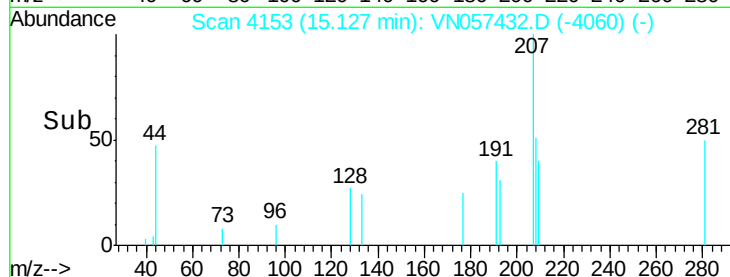
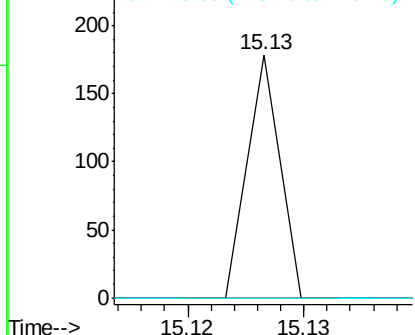
#95
Naphthalene
Concen: Below Cal
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN057432.D
Acq: 20 Aug 2019 5:16

Instrument :
MSVOA_N
ClientSampled :
T6-A2-(2)

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.8	13.2#

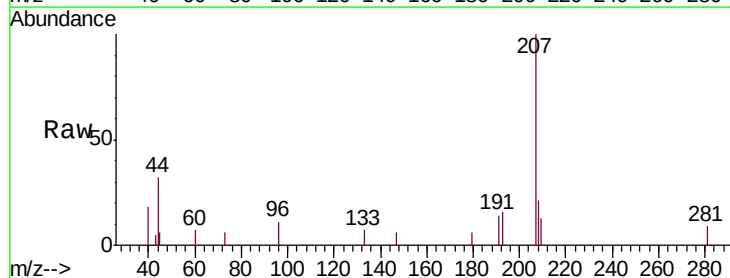


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: Below Cal
RT: 15.30 min Scan# 4208
Delta R.T. 0.01 min
Lab File: VN057432.D
Acq: 20 Aug 2019 5:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.9	143.6#
145	188.6	15.1	45.3#



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

