

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081919\
 Data File : VN057427.D
 Acq On : 20 Aug 2019 3:15
 Operator : JC/SP
 Sample : K4386-32
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T6-A1-(0)

Quant Time: Aug 20 08:51:58 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	1051480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1467120	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1254008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	333430	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	482517	42.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.42%	
35) Dibromofluoromethane	7.58	113	448439	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
50) Toluene-d8	10.08	98	1704483	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
62) 4-Bromofluorobenzene	12.40	95	457727	36.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.64%	

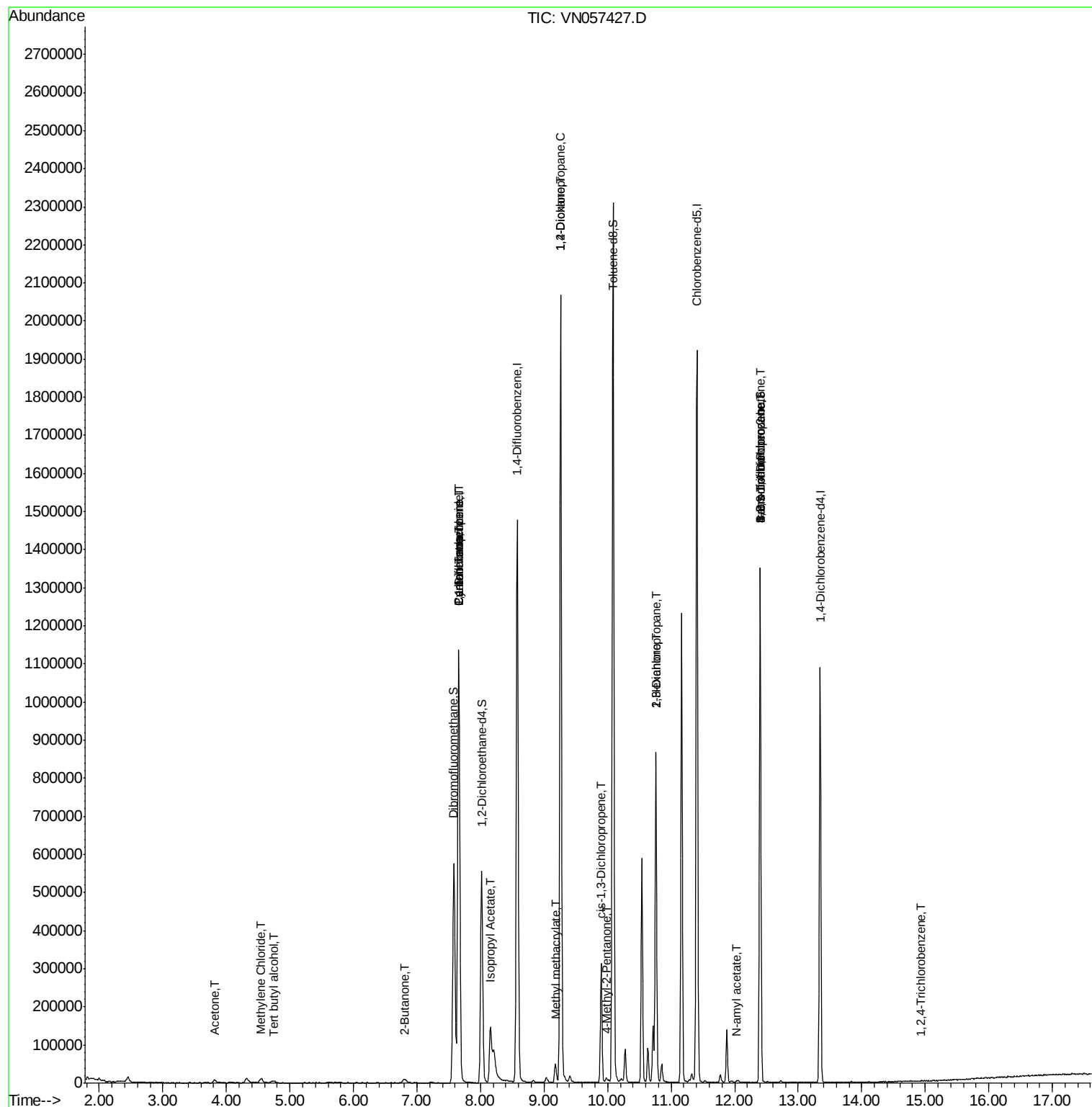
Target Compounds					Qvalue
11) Tert butyl alcohol	4.73	59	4514	2.778 ug/l #	73
16) Acetone	3.81	43	10881	2.744 ug/l	99
20) Methylene Chloride	4.54	84	3941	0.355 ug/l	90
25) 2-Butanone	6.82	43	1270	0.221 ug/l #	48
31) Cyclohexane	7.66	56	14638	0.940 ug/l #	1
36) 1,1-Dichloropropene	7.65	75	60643	4.682 ug/l #	49
38) Carbon Tetrachloride	7.65	117	89347	6.638 ug/l #	16
43) Isopropyl Acetate	8.16	43	180251	8.350 ug/l #	83
45) 1,2-Dichloropropane	9.26	63	2962	0.290 ug/l #	44
48) Methyl methacrylate	9.17	41	7421	0.849 ug/l #	11
49) 1,4-Dioxane	9.26	88	270	1.470 ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	6321	0.578 ug/l #	82
54) cis-1,3-Dichloropropene	9.90	75	63560	3.948 ug/l #	57
57) 1,3-Dichloropropane	10.76	76	9274	0.572 ug/l #	43
59) 2-Hexanone	10.76	43	123161	15.652 ug/l #	51
71) Bromoform	12.40	173	2623	0.339 ug/l #	1
73) Isopropylbenzene	12.25	105	187	Below Cal #	49
74) N-amyl acetate	12.03	43	2080	0.215 ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.40	83	251	Below Cal #	1
76) 1,2,3-Trichloropropane	12.40	75	213933	31.911 ug/l #	100
77) Bromobenzene	12.41	156	101	Below Cal #	1
79) 2-Chlorotoluene	12.67	91	67	Below Cal #	39
80) 1,3,5-Trimethylbenzene	12.73	105	1168	Below Cal #	48
81) trans-1,4-Dichloro-2-buten	12.40	75	213933	78.237 ug/l #	15
85) sec-Butylbenzene	13.17	105	243	Below Cal #	55
93) 1,2,4-Trichlorobenzene	14.93	180	71	5.370 ug/l #	32
94) Hexachlorobutadiene	15.01	225	29	Below Cal #	20
95) Naphthalene	15.13	128	376	Below Cal #	69
96) 1,2,3-Trichlorobenzene	15.30	180	146	Below Cal #	65

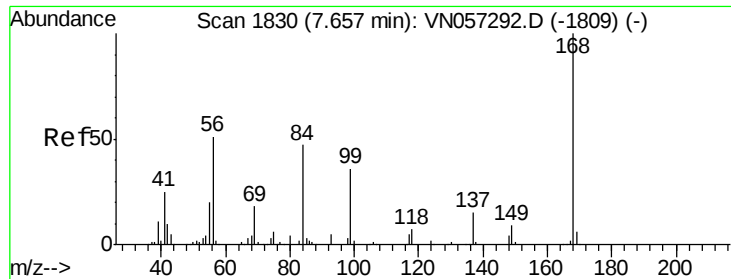
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057427.D

Acq: 20 Aug 2019 3:15

Instrument :

MSVOA_N

ClientSampleId :

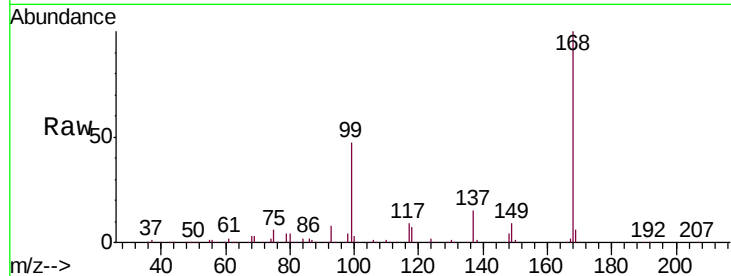
T6-A1-(0)

Tgt Ion:168 Resp: 1051480

Ion Ratio Lower Upper

168 100

99 47.0 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

400000

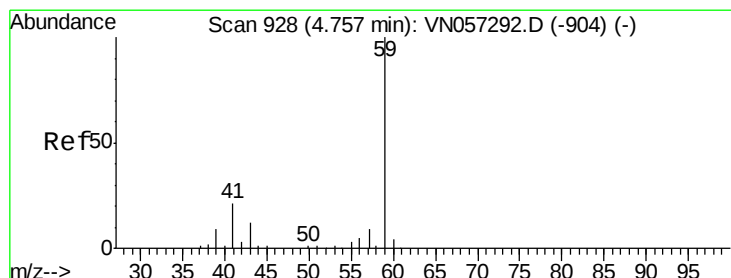
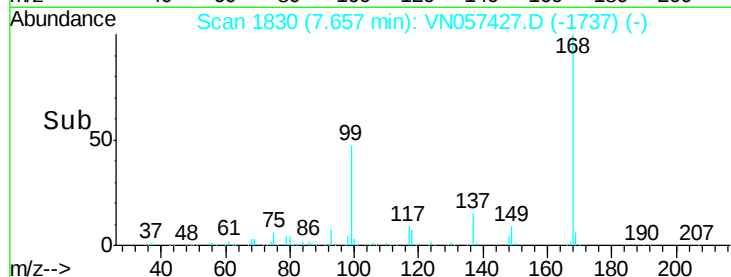
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.778 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.02 min

Lab File: VN057427.D

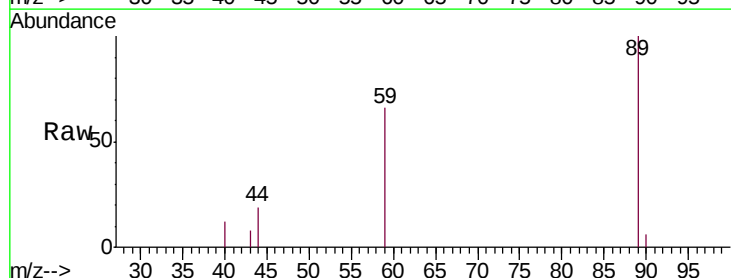
Acq: 20 Aug 2019 3:15

Tgt Ion: 59 Resp: 4514

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.73

2000

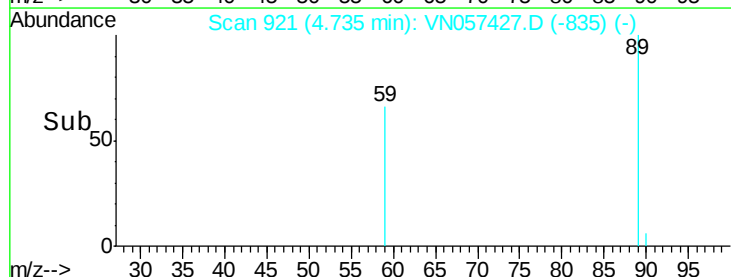
1500

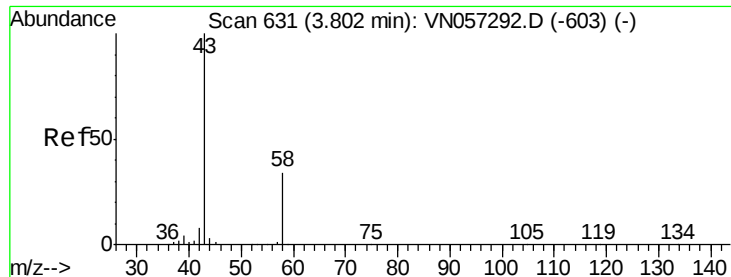
1000

500

0

Time-->





#16

Acetone

Concen: 2.744 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057427.D

Acq: 20 Aug 2019 3:15

Instrument :

MSVOA_N

ClientSampleId :

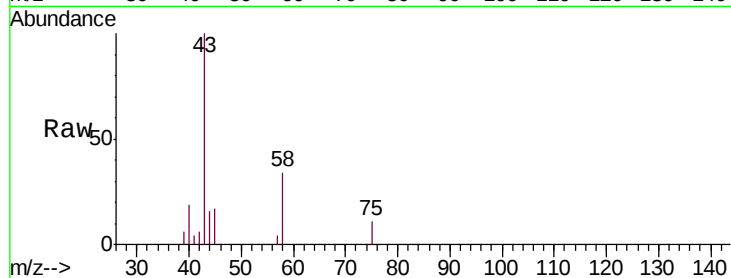
T6-A1-(0)

Tgt Ion: 43 Resp: 10881

Ion Ratio Lower Upper

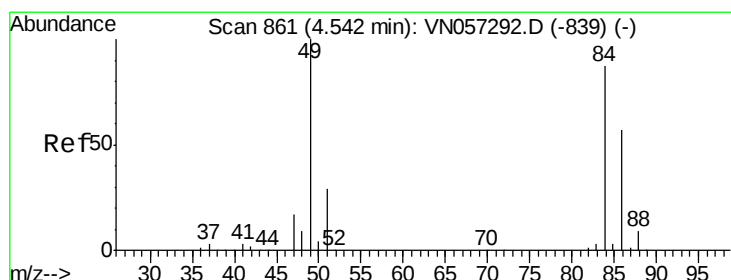
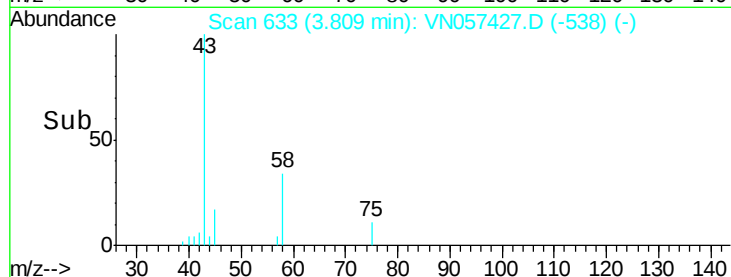
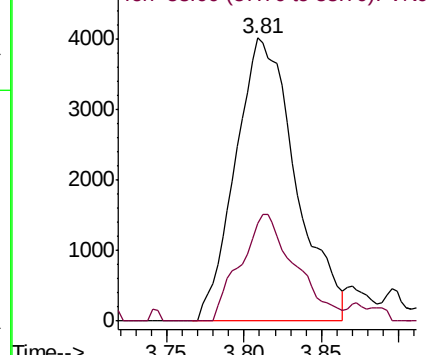
43 100

58 34.4 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO



#20

Methylene Chloride

Concen: 0.355 ug/l

RT: 4.54 min Scan# 859

Delta R.T. -0.01 min

Lab File: VN057427.D

Acq: 20 Aug 2019 3:15

Tgt Ion: 84 Resp: 3941

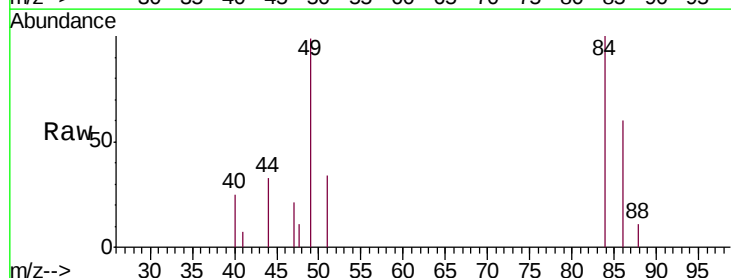
Ion Ratio Lower Upper

84 100

49 98.8 92.0 138.0

51 33.9 27.1 40.7

86 59.8 52.2 78.2

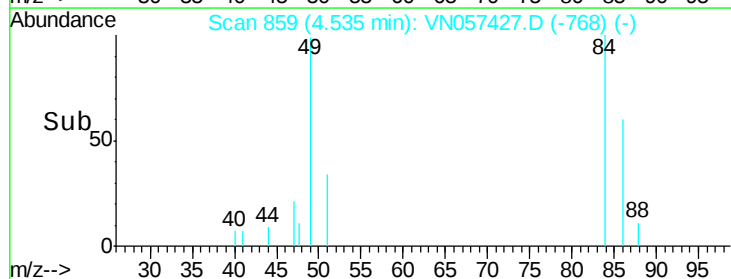
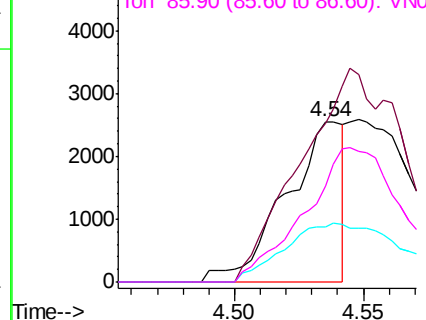


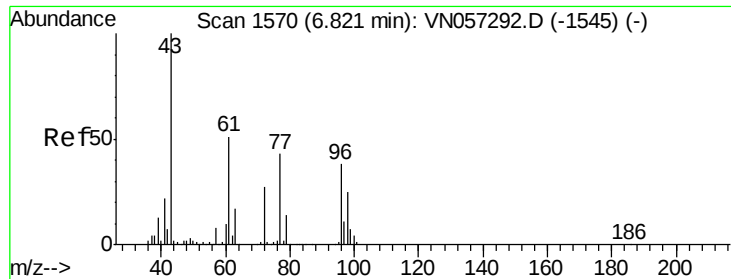
Abundance Ion 83.90 (83.60 to 84.60): VNO

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: 0.221 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN057427.D

Acq: 20 Aug 2019 3:15

Instrument :

MSVOA_N

ClientSampleId :

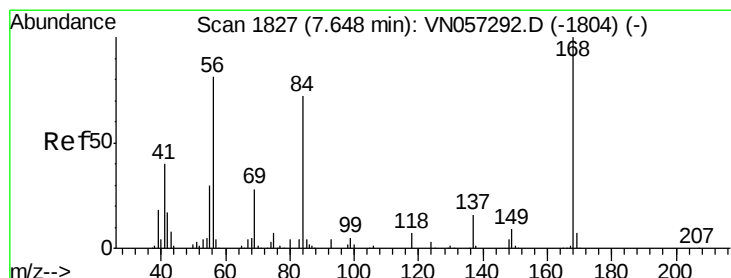
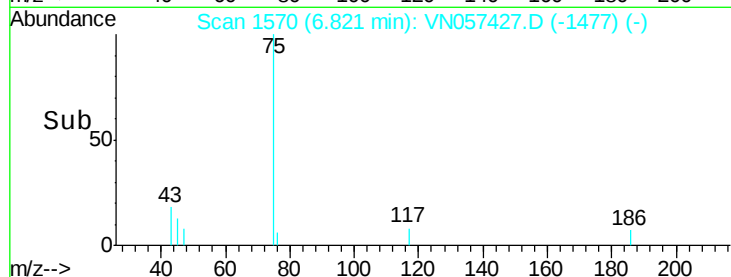
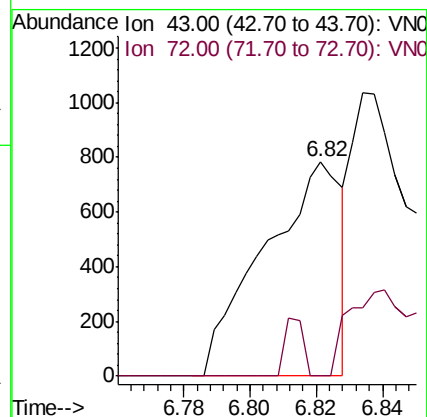
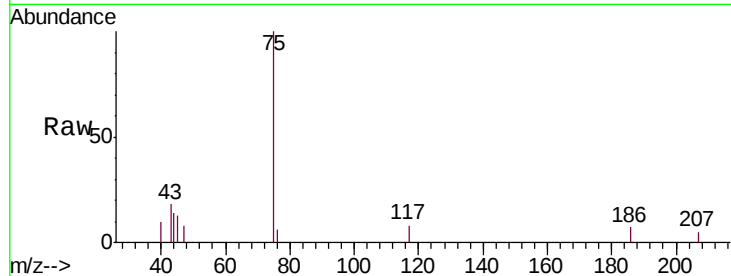
T6-A1-(0)

Tgt Ion: 43 Resp: 1270

Ion Ratio Lower Upper

43 100

72 0.0 21.5 32.3#



#31

Cyclohexane

Concen: 0.940 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN057427.D

Acq: 20 Aug 2019 3:15

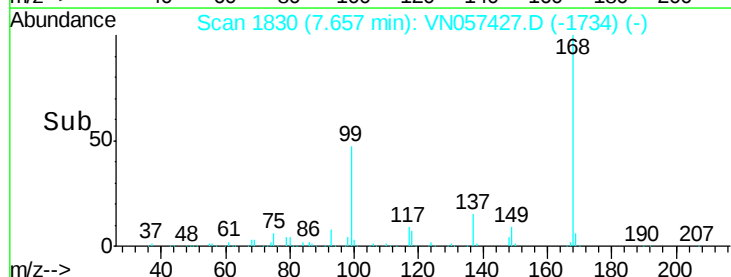
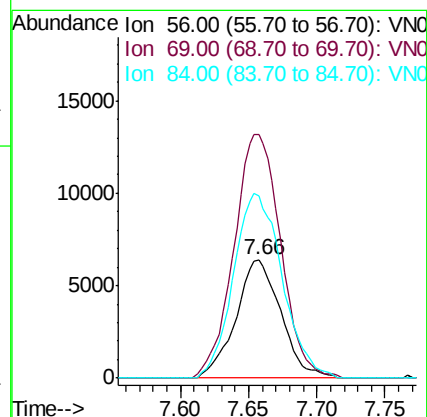
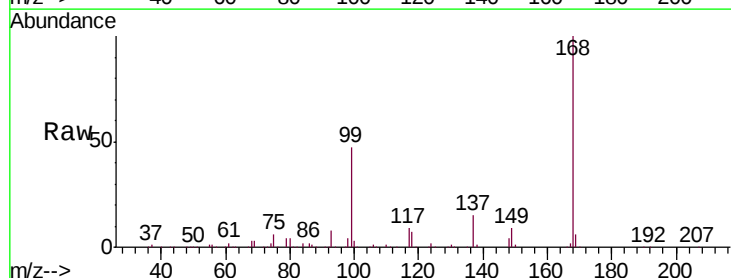
Tgt Ion: 56 Resp: 14638

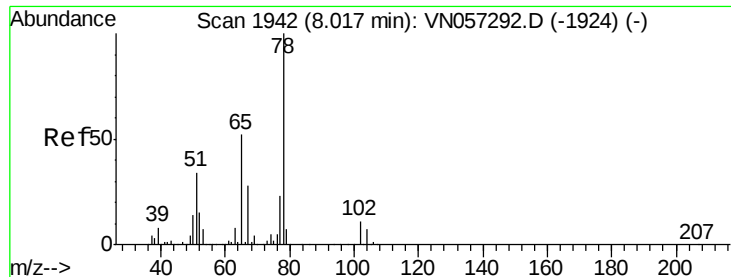
Ion Ratio Lower Upper

56 100

69 205.8 27.3 40.9#

84 153.9 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 42.212 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057427.D

Acq: 20 Aug 2019 3:15

Instrument :

MSVOA_N

ClientSampleId :

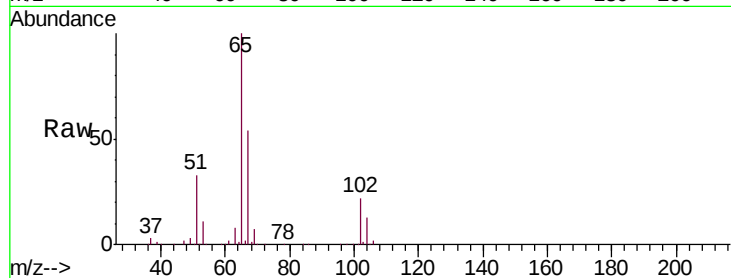
T6-A1-(0)

Tgt Ion: 65 Resp: 482517

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN057427.D (-1849) (-)

Ion 66.90 (66.60 to 67.60): VN057427.D (-1849) (-)

8.02

200000

150000

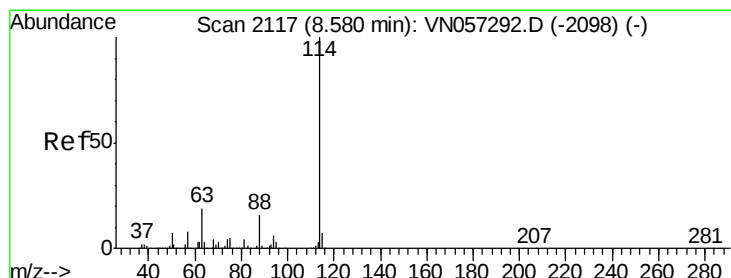
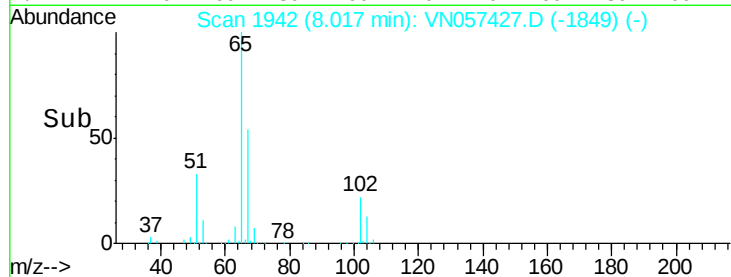
100000

50000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN057427.D

Acq: 20 Aug 2019 3:15

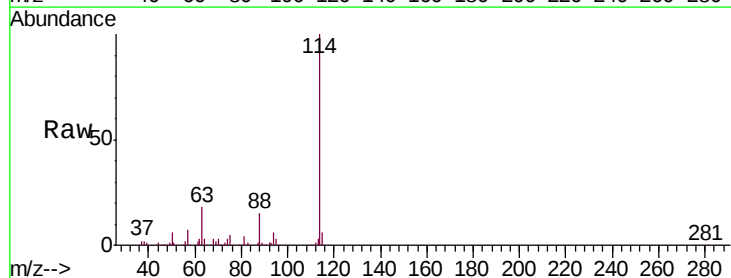
Tgt Ion: 114 Resp: 1467120

Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.8

88 15.4 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN057427.D (-2024) (-)

Ion 63.00 (62.70 to 63.70): VN057427.D (-2024) (-)

Ion 87.90 (87.60 to 88.60): VN057427.D (-2024) (-)

8.58

800000

600000

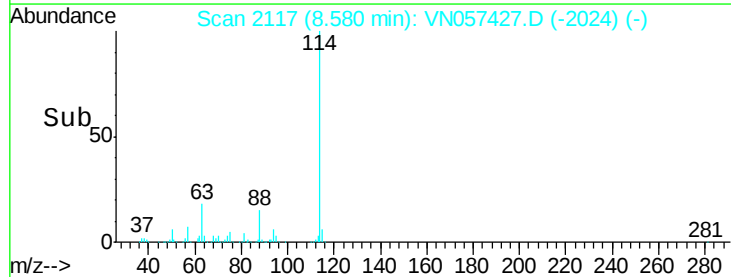
400000

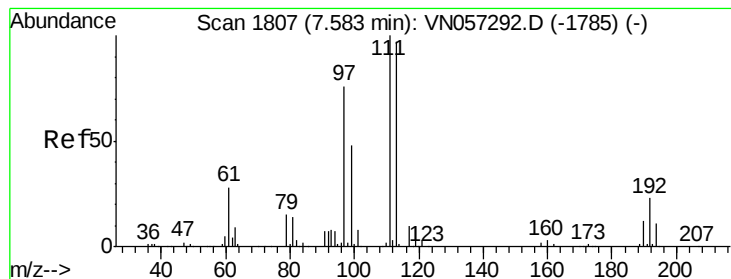
200000

0

8.50 8.60 8.70

Time-->





#35

Dibromofluoromethane

Concen: 46.629 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN057427.D

Acq: 20 Aug 2019 3:15

Instrument :

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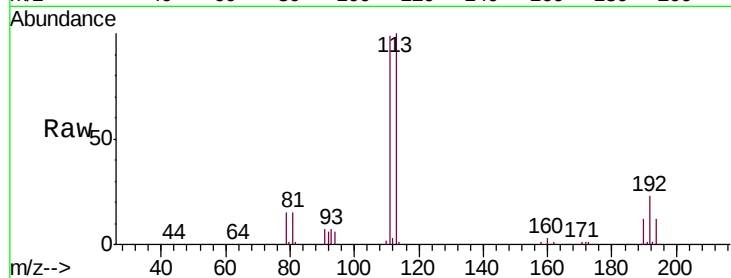
Tgt Ion:113 Resp: 448439

Ion Ratio Lower Upper

113 100

111 100.9 82.1 123.1

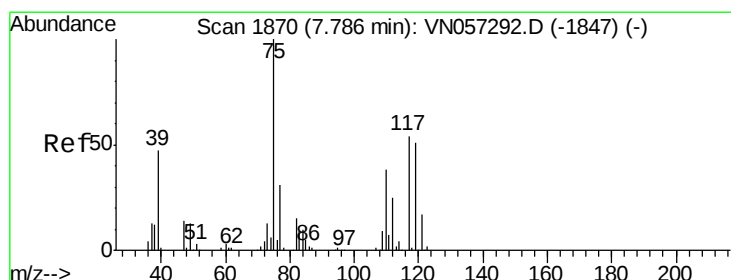
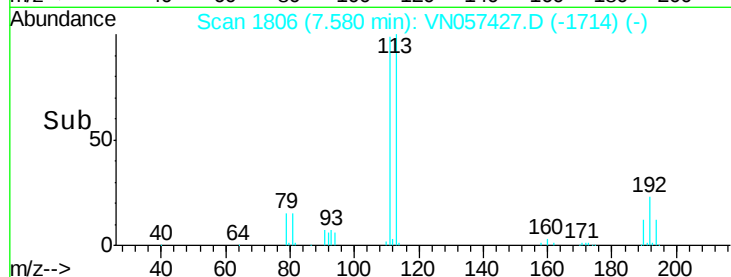
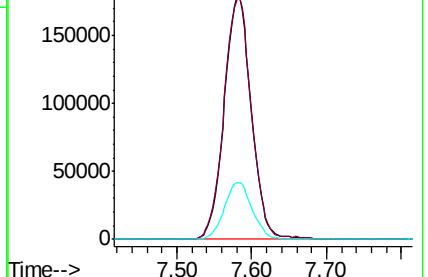
192 24.0 19.3 28.9



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: 4.682 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.13 min

Lab File: VN057427.D

Acq: 20 Aug 2019 3:15

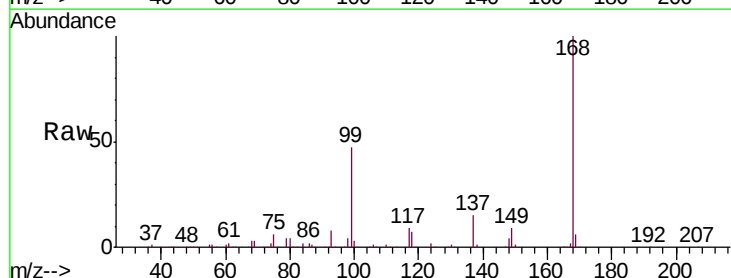
Tgt Ion: 75 Resp: 60643

Ion Ratio Lower Upper

75 100

110 10.3 19.5 58.5#

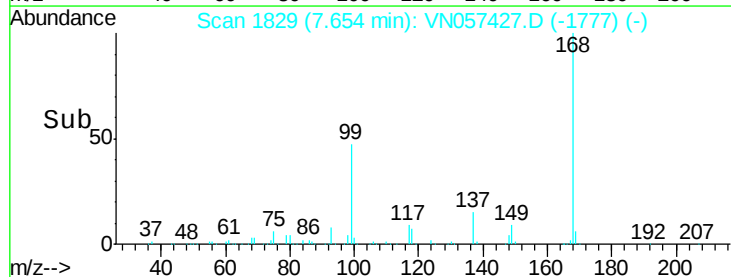
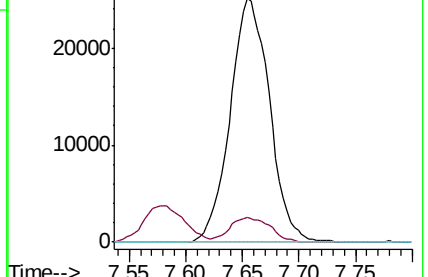
77 0.0 25.0 37.6#

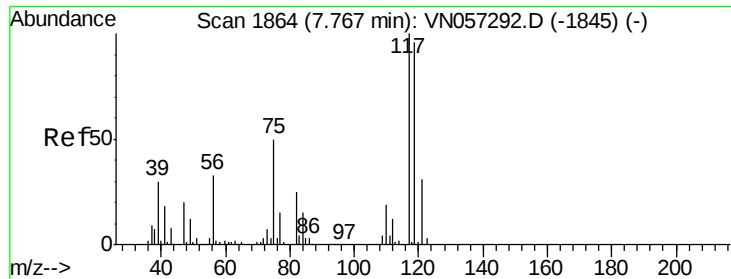


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.638 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.11 min

Lab File: VN057427.D

Acq: 20 Aug 2019 3:15

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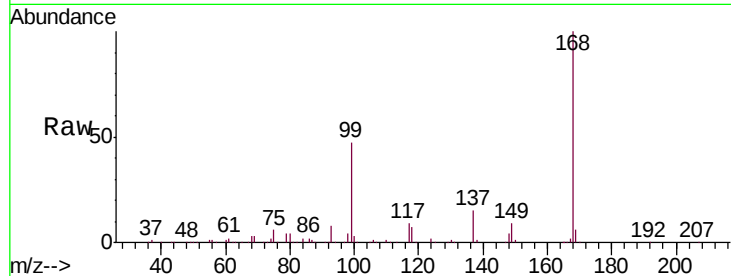
Tgt Ion:117 Resp: 89347

Ion Ratio Lower Upper

117 100

119 5.1 76.8 115.2#

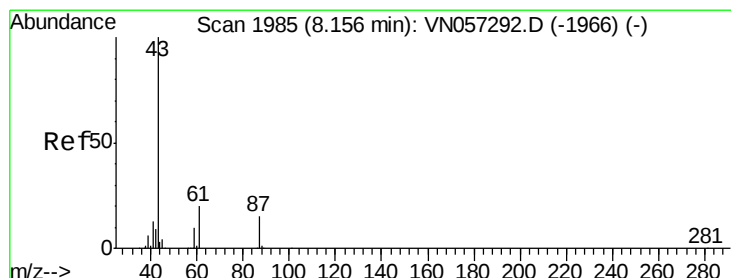
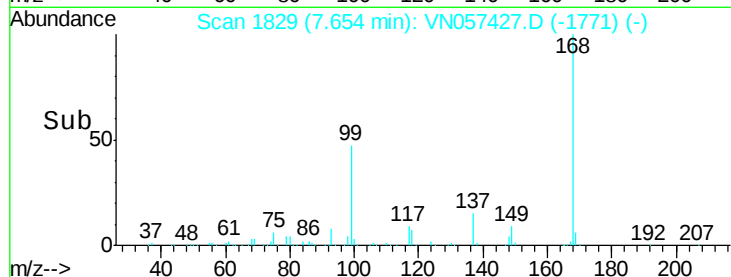
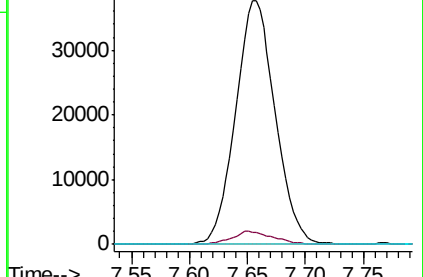
121 0.0 25.0 37.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 8.350 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057427.D

Acq: 20 Aug 2019 3:15

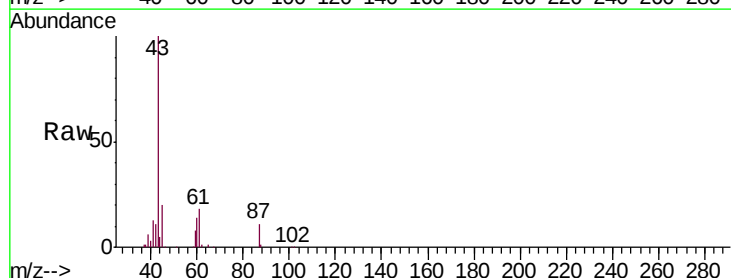
Tgt Ion: 43 Resp: 180251

Ion Ratio Lower Upper

43 100

61 16.0 21.6 32.4#

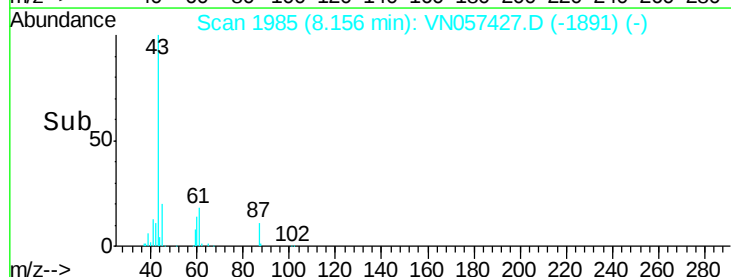
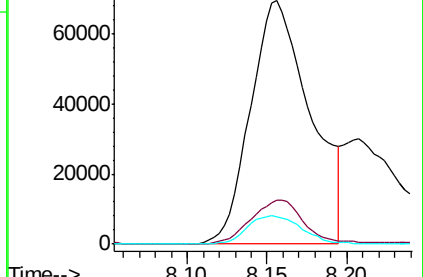
87 10.4 11.4 17.0#

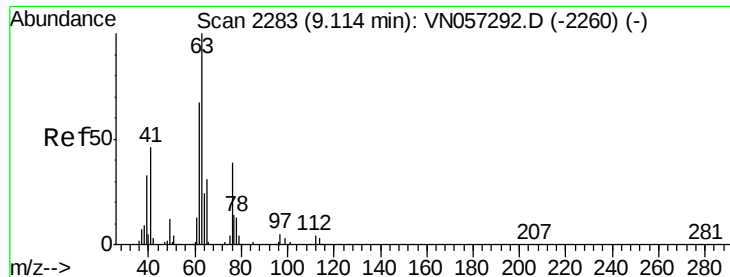


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.290 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.14 min

Lab File: VN057427.D

Acq: 20 Aug 2019 3:15

Instrument :

MSVOA_N

ClientSampleId :

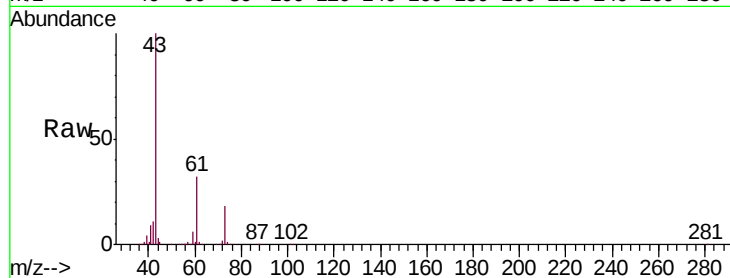
T6-A1-(0)

Tgt Ion: 63 Resp: 2962

Ion Ratio Lower Upper

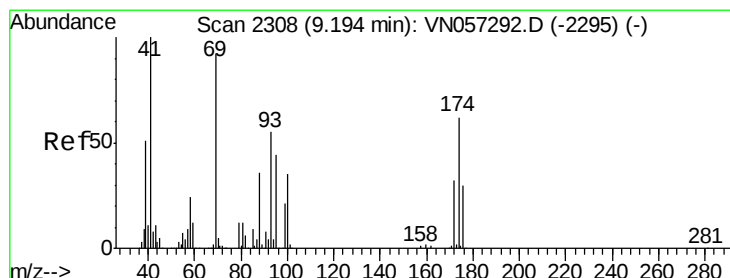
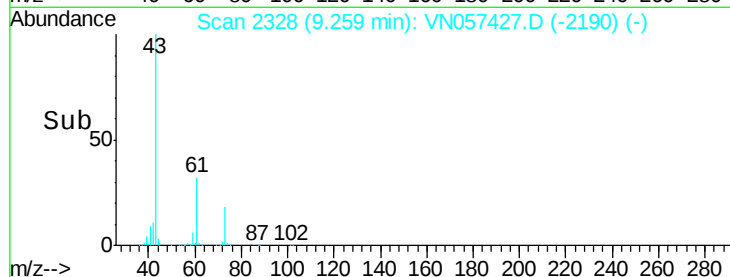
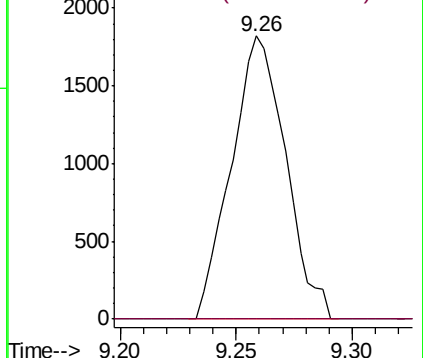
63 100

65 0.0 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VNC

Ion 64.90 (64.60 to 65.60): VNC



#48

Methyl methacrylate

Concen: 0.849 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.02 min

Lab File: VN057427.D

Acq: 20 Aug 2019 3:15

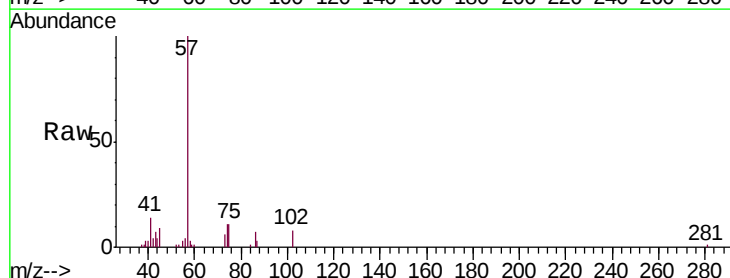
Tgt Ion: 41 Resp: 7421

Ion Ratio Lower Upper

41 100

69 0.0 75.9 113.9#

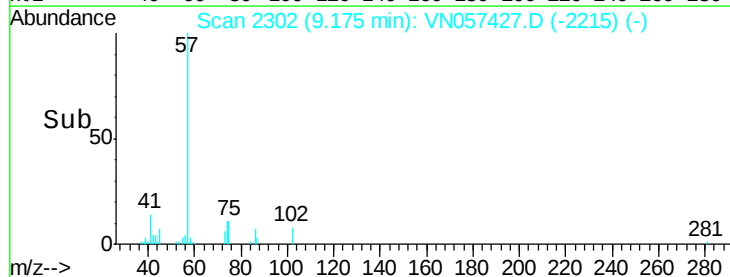
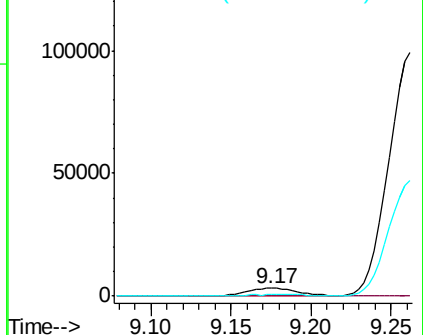
39 0.0 42.3 63.5#

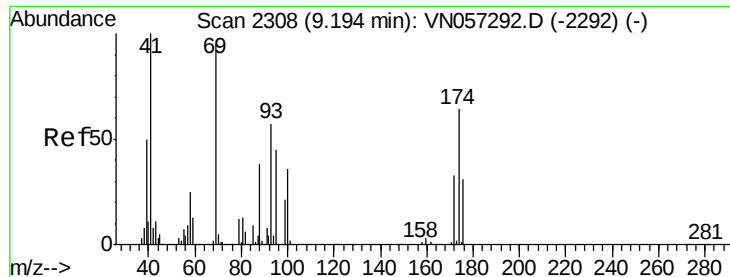


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 39.00 (38.70 to 39.70): VNC





#49

1,4-Dioxane

Concen: 1.470 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.06 min

Lab File: VN057427.D

Acq: 20 Aug 2019 3:15

Instrument :

MSVOA_N

ClientSampled :

T6-A1-(0)

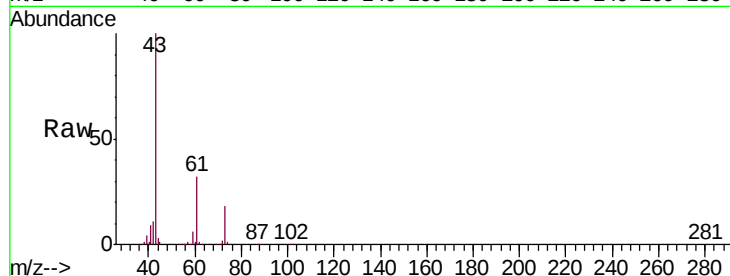
Tgt Ion: 88 Resp: 270

Ion Ratio Lower Upper

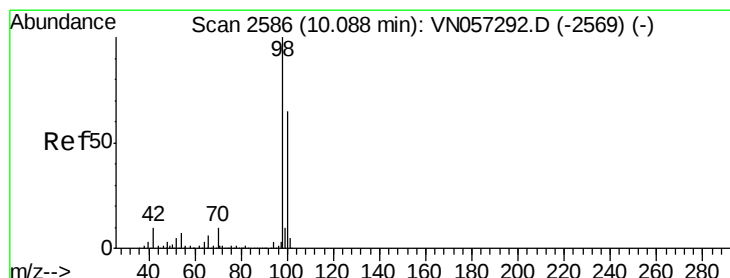
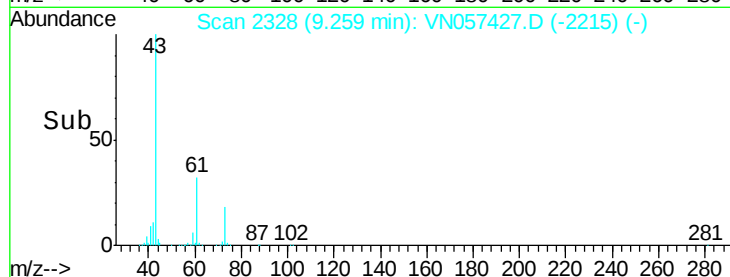
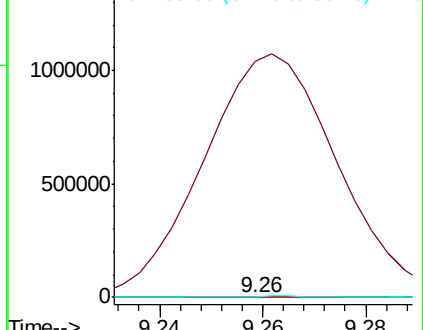
88 100

43 731528.5 22.9 34.3#

58 3375.9 52.7 79.1#



Abundance Ion 88.00 (87.70 to 88.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 58.00 (57.70 to 58.70): VNC



#50

Toluene-d8

Concen: 48.457 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057427.D

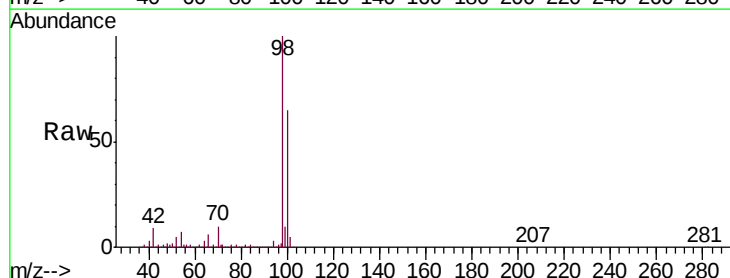
Acq: 20 Aug 2019 3:15

Tgt Ion: 98 Resp: 1704483

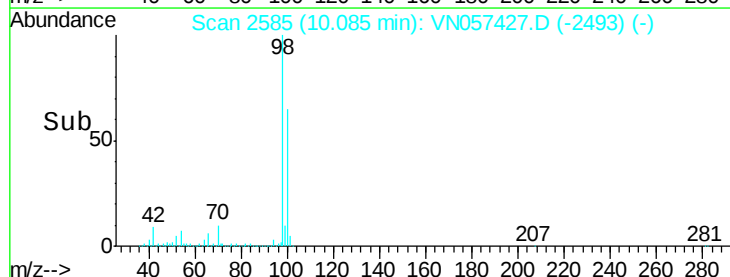
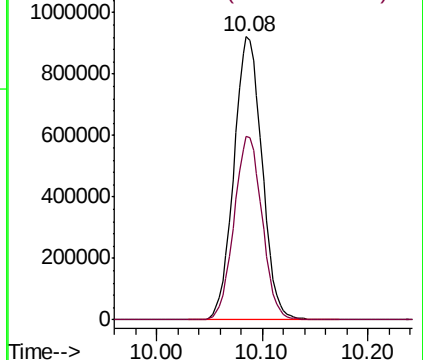
Ion Ratio Lower Upper

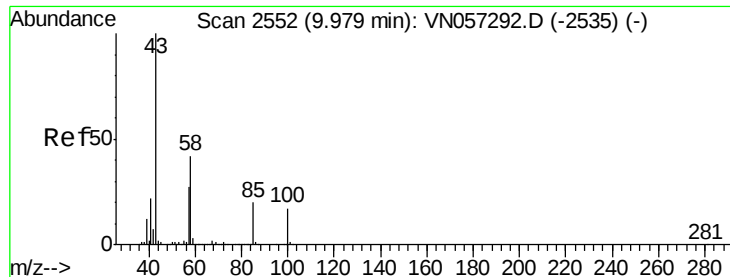
98 100

100 64.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VNC
Ion 100.00 (99.70 to 100.70): VNC

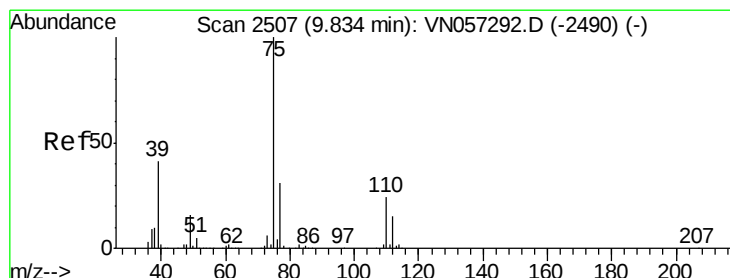
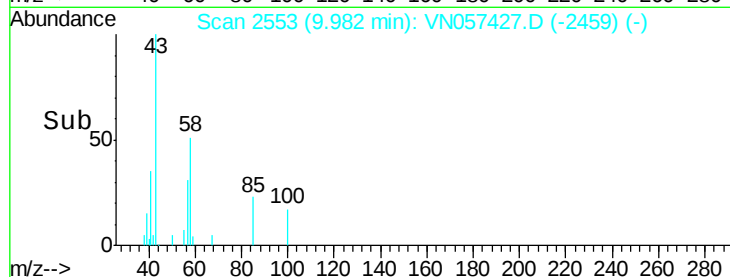
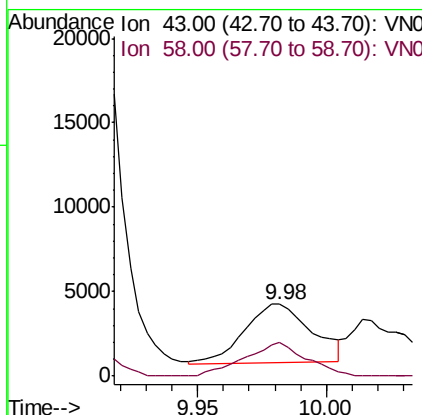
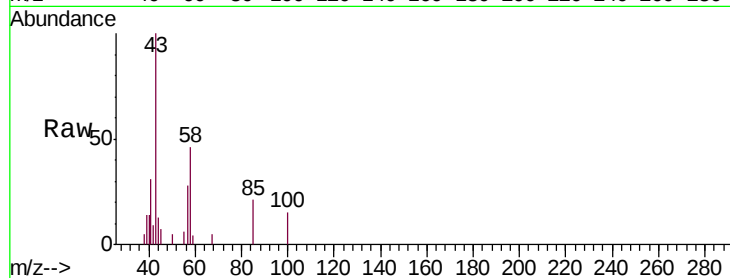




#51
 4-Methyl-2-Pentanone
 Concen: 0.578 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: VN057427.D
 Acq: 20 Aug 2019 3:15

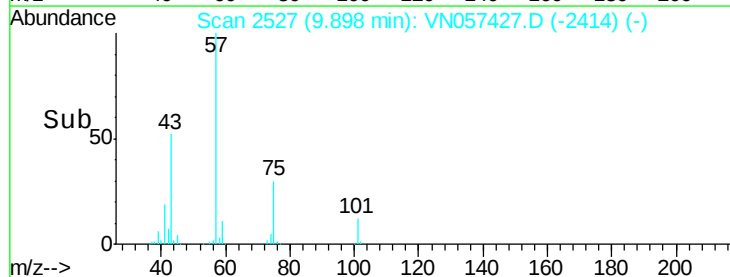
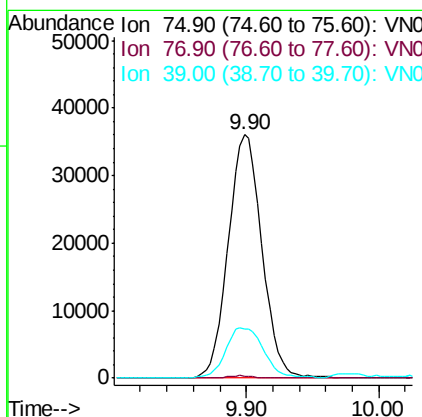
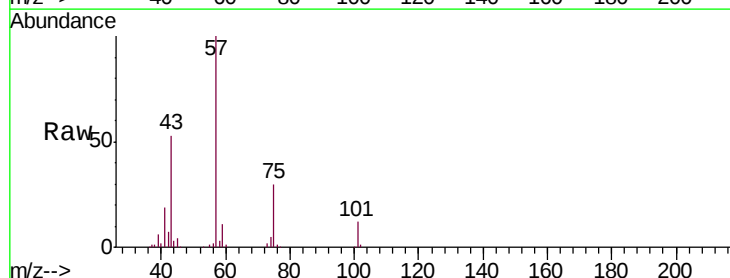
Instrument :
 MSVOA_N
 ClientSampleId :
 T6-A1-(0)

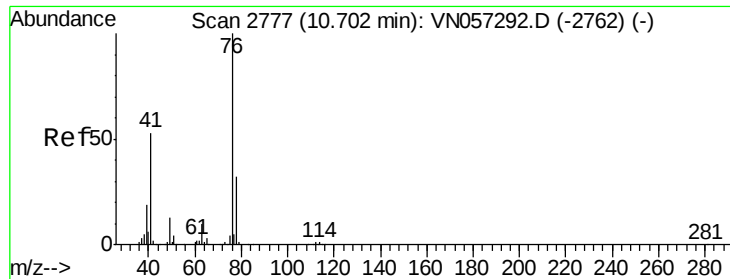
Tgt Ion: 43 Resp: 6321
 Ion Ratio Lower Upper
 43 100
 58 52.7 33.2 49.8#



#54
 cis-1,3-Dichloropropene
 Concen: 3.948 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN057427.D
 Acq: 20 Aug 2019 3:15

Tgt Ion: 75 Resp: 63560
 Ion Ratio Lower Upper
 75 100
 77 0.8 24.9 37.3#
 39 20.0 32.7 49.1#

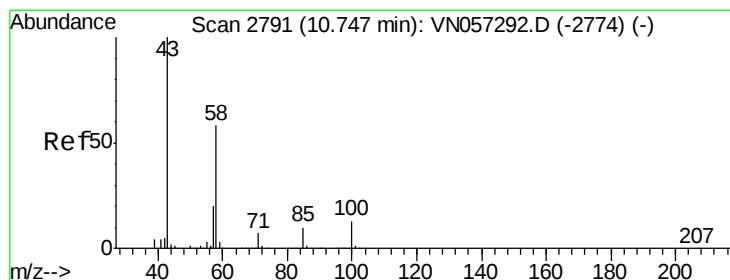
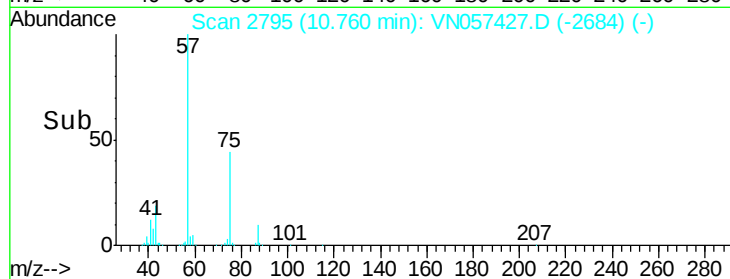
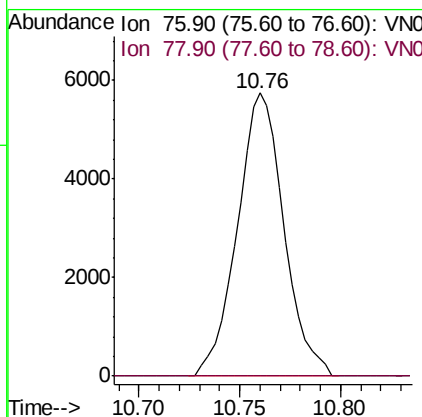
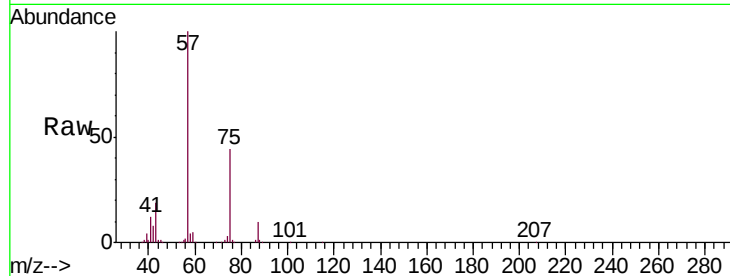




#57
 1,3-Dichloropropane
 Concen: 0.572 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.06 min
 Lab File: VN057427.D
 Acq: 20 Aug 2019 3:15

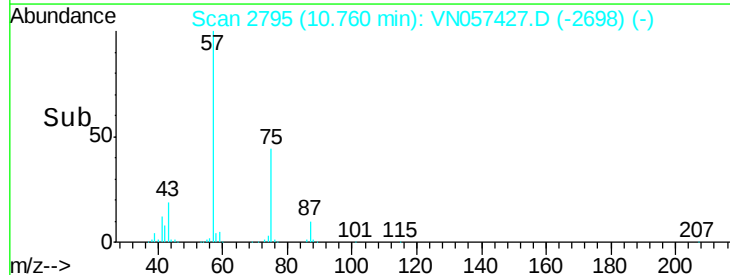
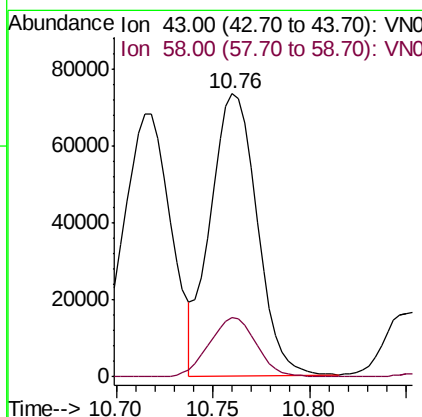
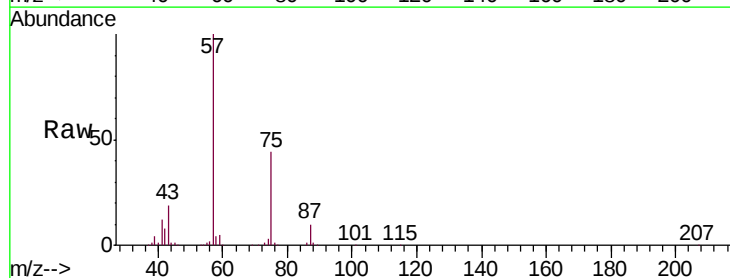
Instrument :
 MSVOA_N
 ClientSampleId :
 T6-A1-(0)

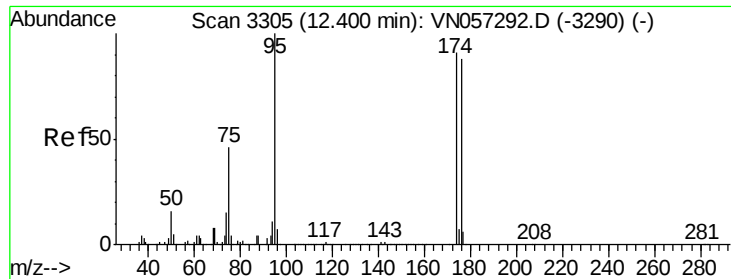
Tgt Ion: 76 Resp: 9274
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 15.652 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: VN057427.D
 Acq: 20 Aug 2019 3:15

Tgt Ion: 43 Resp: 123161
 Ion Ratio Lower Upper
 43 100
 58 21.3 28.6 85.9#

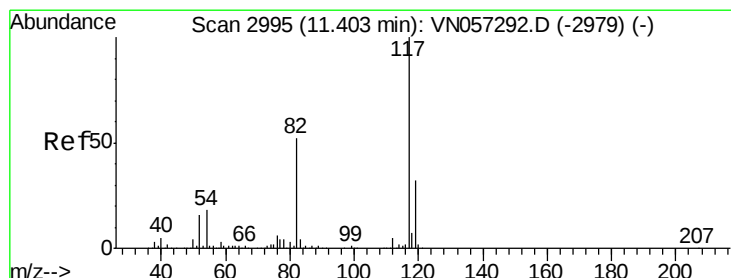
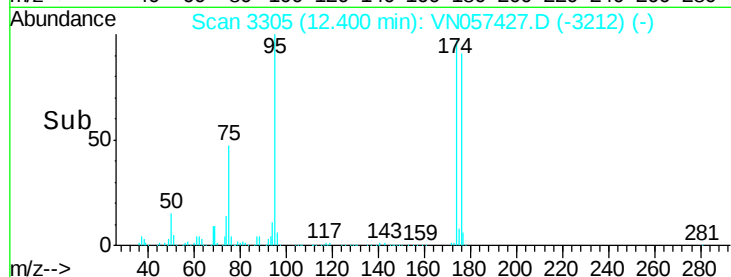
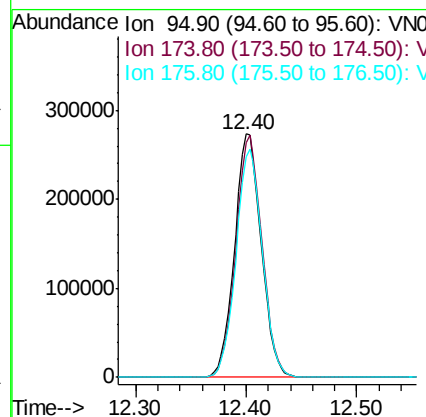
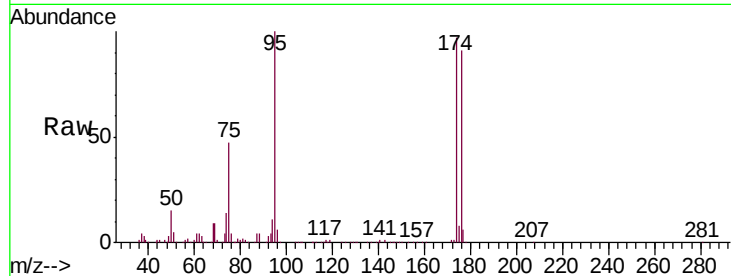




#62
4-Bromofluorobenzene
Concen: 36.822 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN057427.D
Acq: 20 Aug 2019 3:15

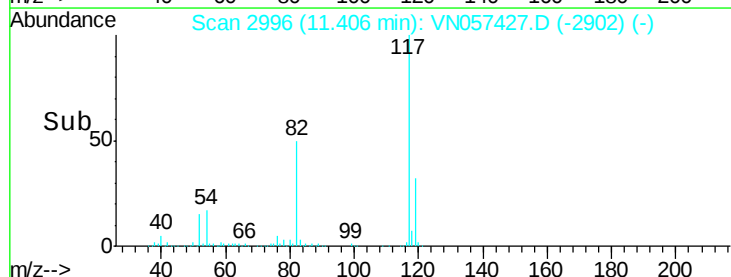
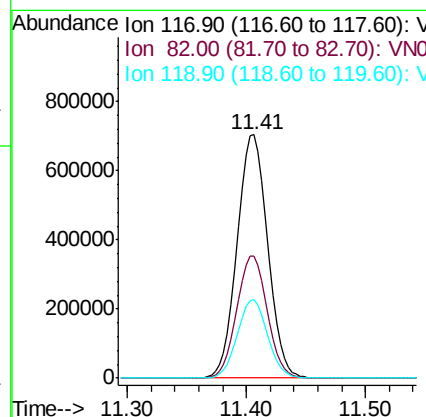
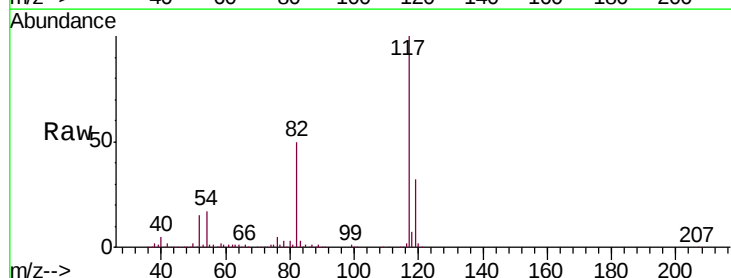
Instrument :
MSVOA_N
ClientSampleId :
T6-A1-(0)

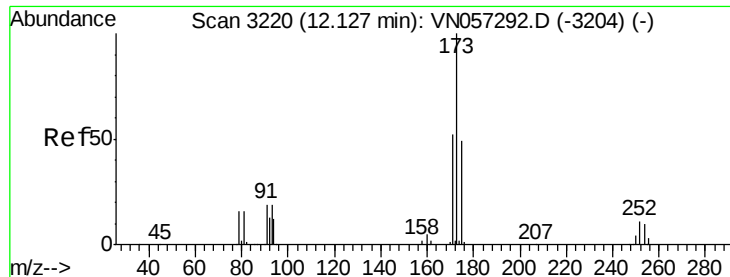
Tgt Ion: 95 Resp: 457727
Ion Ratio Lower Upper
95 100
174 97.5 0.0 185.0
176 92.8 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057427.D
Acq: 20 Aug 2019 3:15

Tgt Ion: 117 Resp: 1254008
Ion Ratio Lower Upper
117 100
82 50.0 41.2 61.8
119 32.1 25.8 38.8





#71

Bromoform

Concen: 0.339 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN057427.D

Acq: 20 Aug 2019 3:15

Instrument :

MSVOA_N

ClientSampleId :

T6-A1-(0)

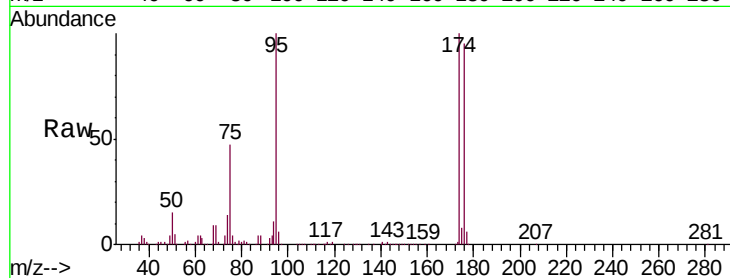
Tgt Ion:173 Resp: 2623

Ion Ratio Lower Upper

173 100

175 1141.7 24.2 72.6#

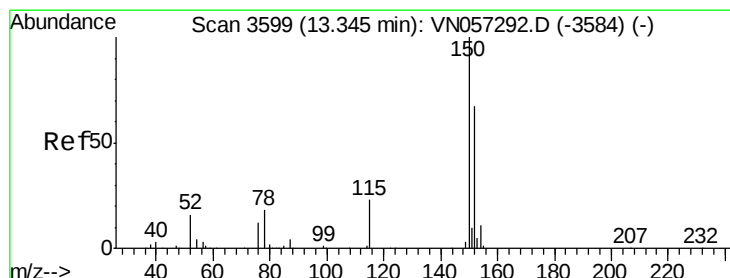
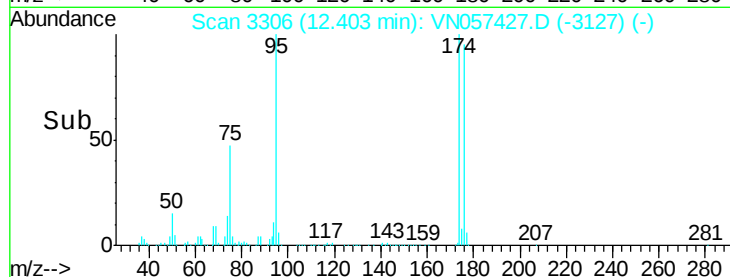
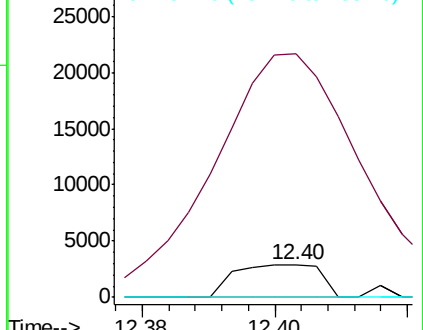
254 0.0 0.2 0.2#



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: VN057427.D

Acq: 20 Aug 2019 3:15

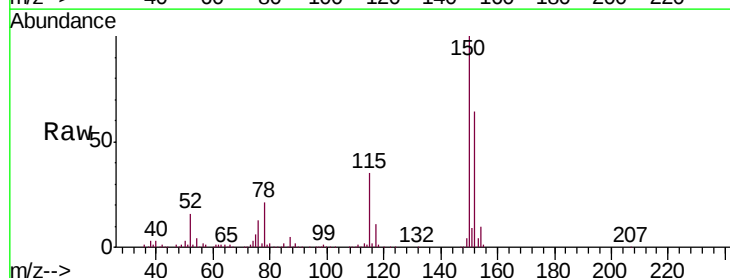
Tgt Ion:152 Resp: 333430

Ion Ratio Lower Upper

152 100

115 53.8 27.3 81.9

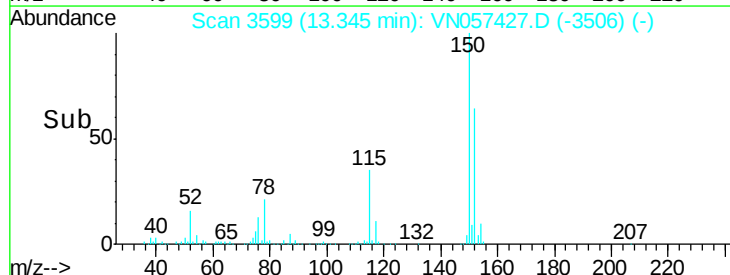
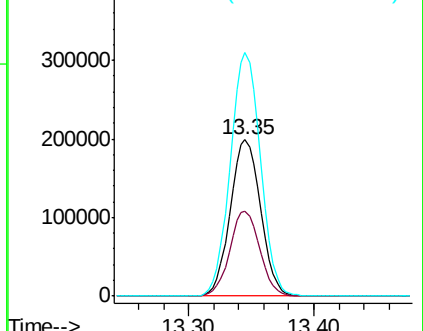
150 155.5 0.0 344.4

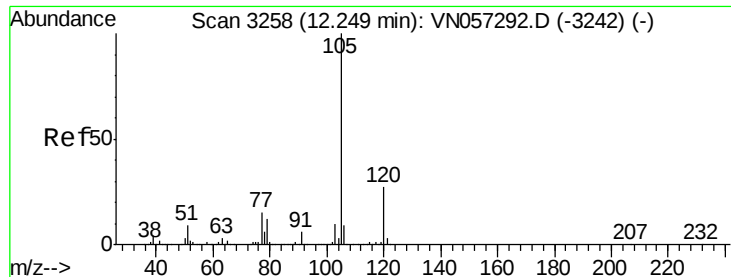


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN057427.D

Acq: 20 Aug 2019 3:15

Instrument :

MSVOA_N

ClientSampleId :

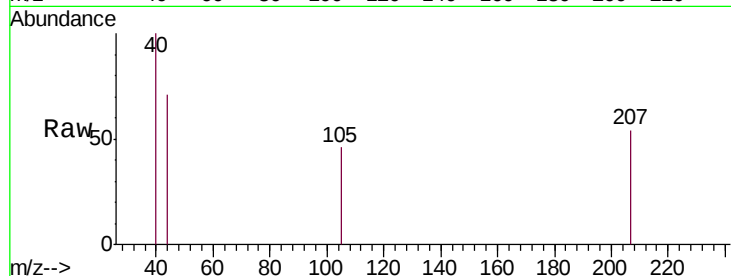
T6-A1-(0)

Tgt Ion: 105 Resp: 187

Ion Ratio Lower Upper

105 100

120 0.0 13.2 39.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

200

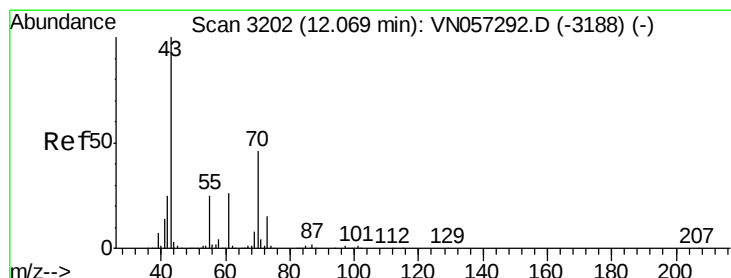
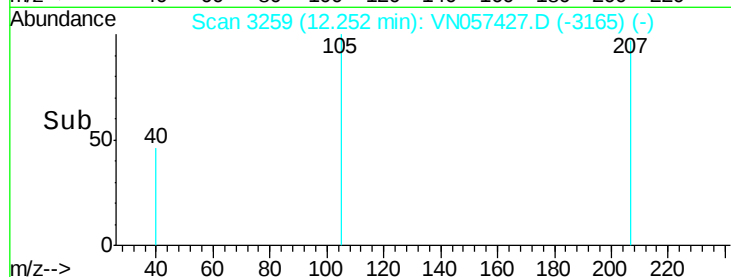
150

100

50

0

Time-->



#74

N-ethyl acetate

Concen: 0.215 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN057427.D

Acq: 20 Aug 2019 3:15

Tgt Ion: 43 Resp: 2080

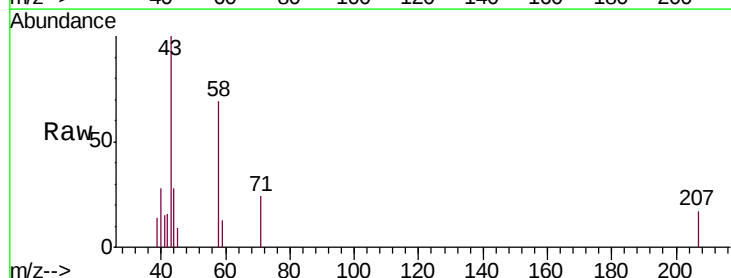
Ion Ratio Lower Upper

43 100

70 0.0 36.2 54.2#

55 8.8 20.1 30.1#

61 0.0 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

2500

2000

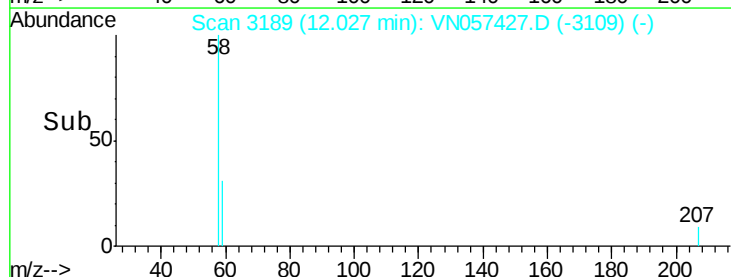
1500

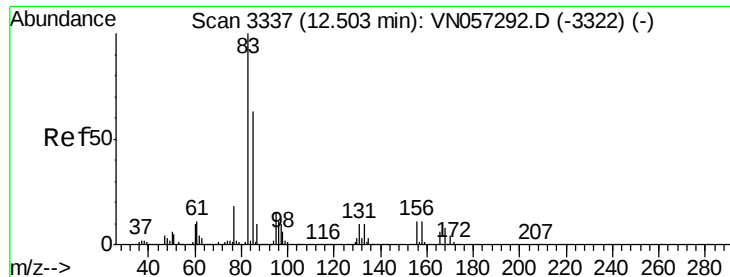
1000

500

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3306

Delta R.T. -0.10 min

Lab File: VN057427.D

Acq: 20 Aug 2019 3:15

Instrument :

MSVOA_N

ClientSampleId :

T6-A1-(0)

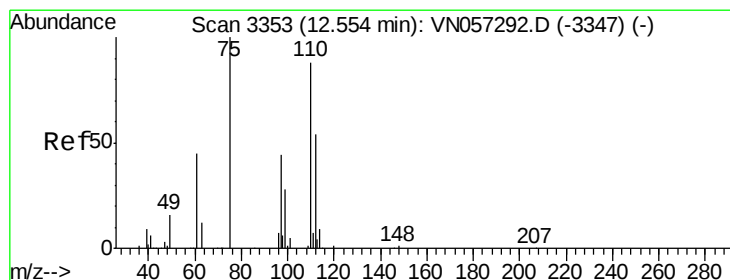
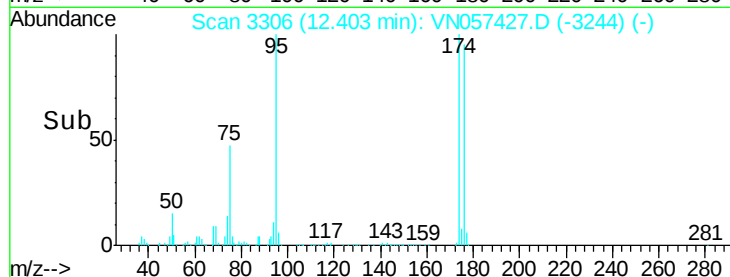
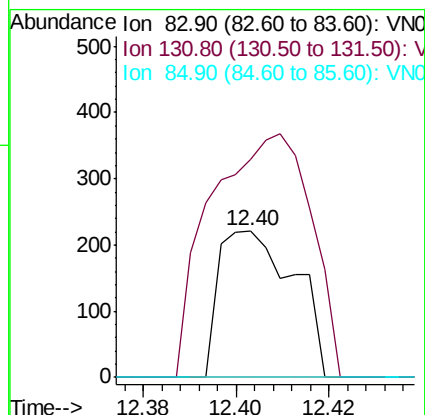
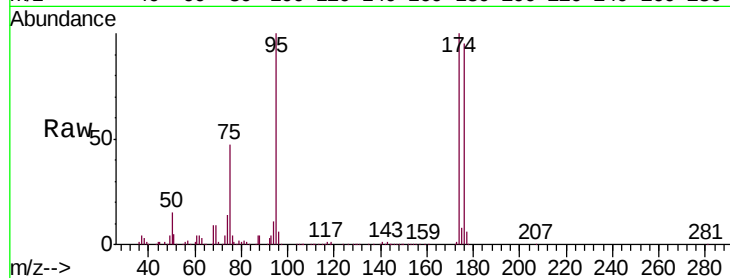
Tgt Ion: 83 Resp: 251

Ion Ratio Lower Upper

83 100

131 220.3 5.4 16.2#

85 0.0 32.3 96.9#



#76

1,2,3-Trichloropropane

Concen: 31.911 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN057427.D

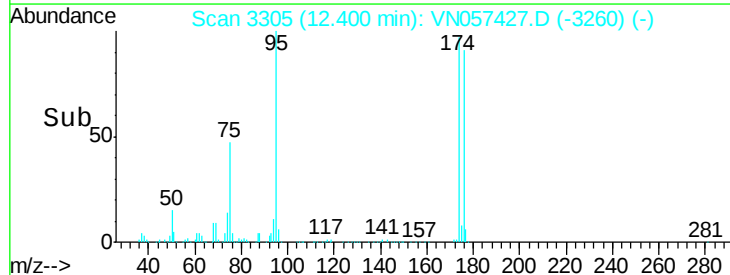
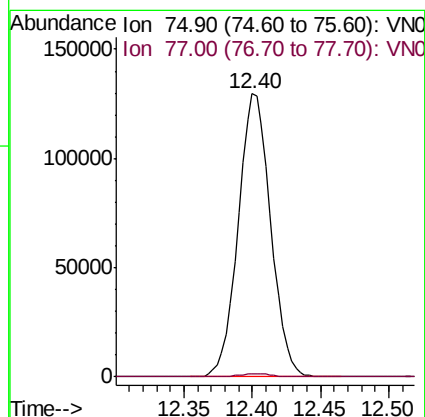
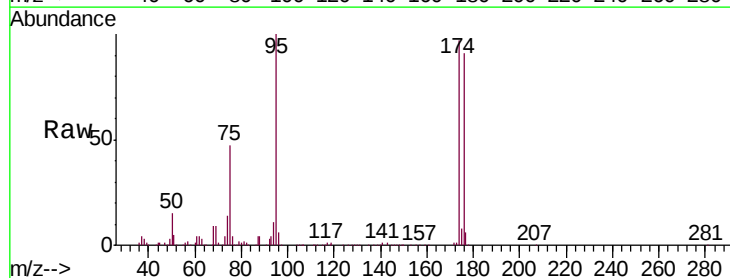
Acq: 20 Aug 2019 3:15

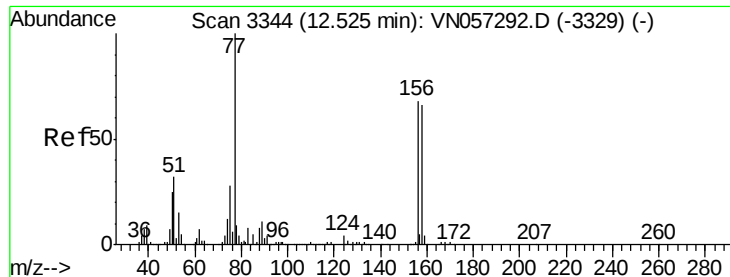
Tgt Ion: 75 Resp: 213933

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#77

Bromobenzene

Concen: Below Cal

RT: 12.41 min Scan# 3308

Delta R.T. -0.12 min

Lab File: VN057427.D

Acq: 20 Aug 2019 3:15

Instrument :

MSVOA_N

ClientSampled :

T6-A1-(0)

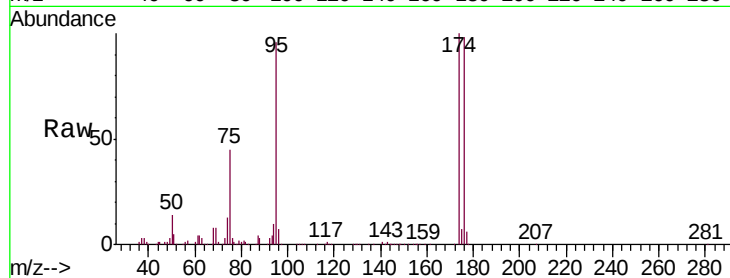
Tgt Ion:156 Resp: 101

Ion Ratio Lower Upper

156 100

77 2429.7 89.8 269.6#

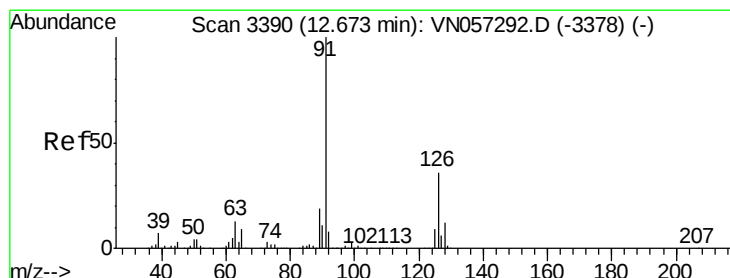
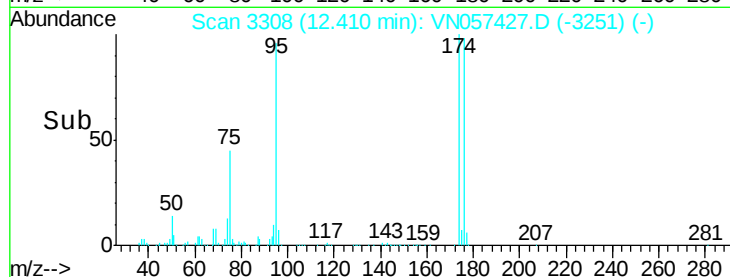
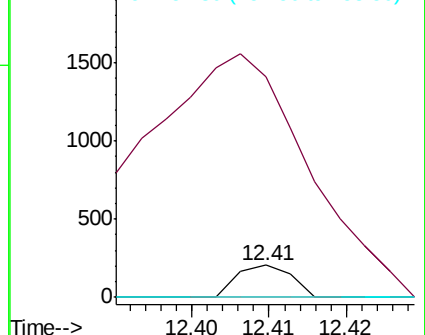
158 0.0 49.3 147.8#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN057427.D

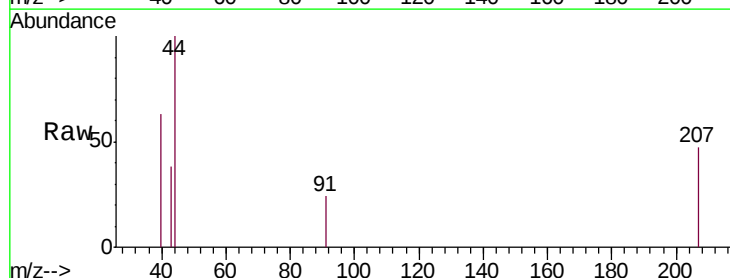
Acq: 20 Aug 2019 3:15

Tgt Ion: 91 Resp: 67

Ion Ratio Lower Upper

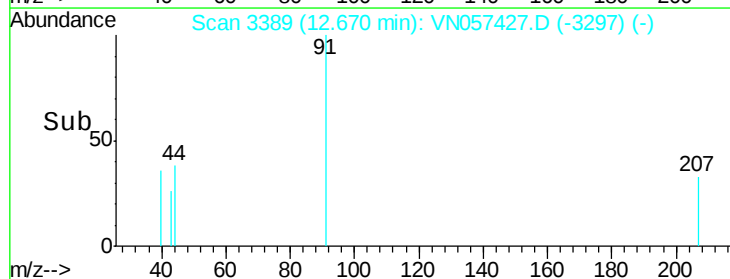
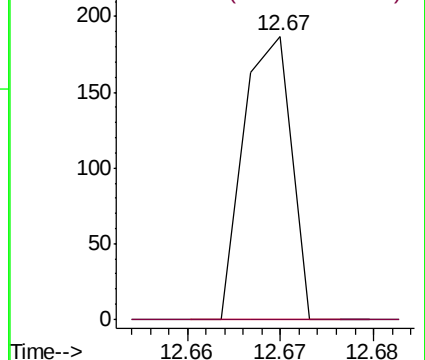
91 100

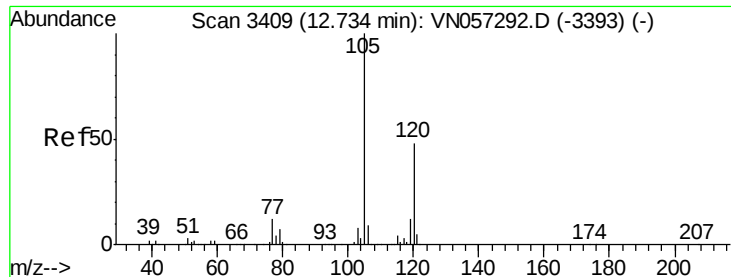
126 0.0 18.1 54.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057427.D

Acq: 20 Aug 2019 3:15

Instrument :

MSVOA_N

ClientSampleId :

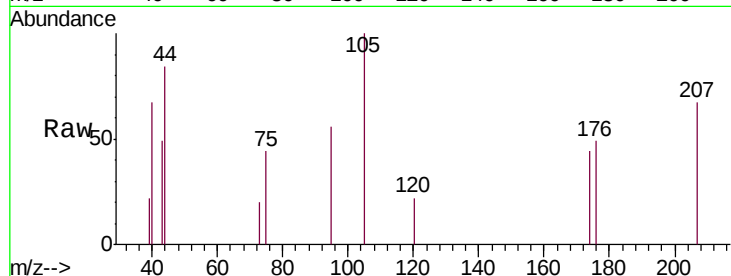
T6-A1-(0)

Tgt Ion: 105 Resp: 1168

Ion Ratio Lower Upper

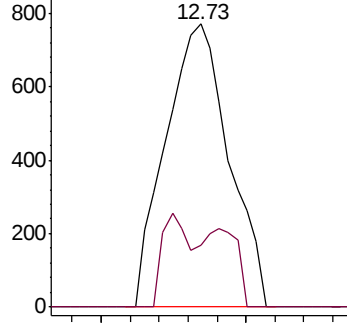
105 100

120 13.1 24.3 73.0#

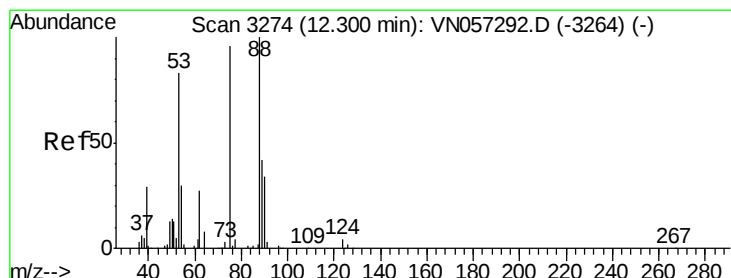
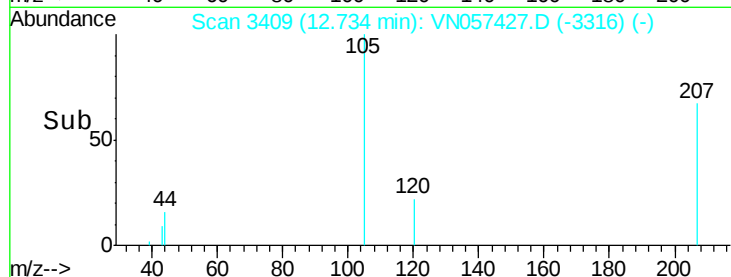


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 78.237 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN057427.D

Acq: 20 Aug 2019 3:15

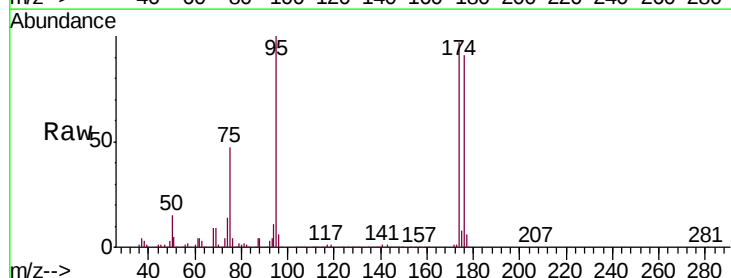
Tgt Ion: 75 Resp: 213933

Ion Ratio Lower Upper

75 100

53 0.0 67.9 101.9#

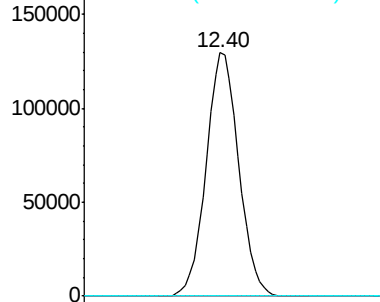
89 0.0 36.2 54.4#



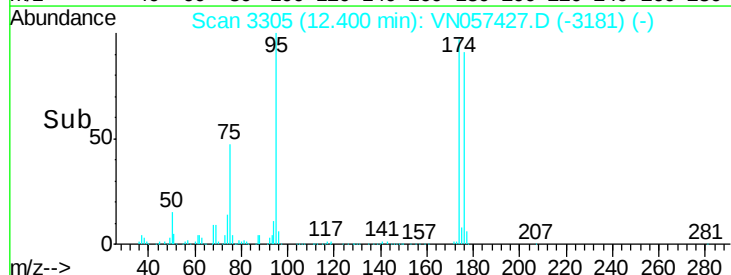
Abundance Ion 74.90 (74.60 to 75.60): VNO

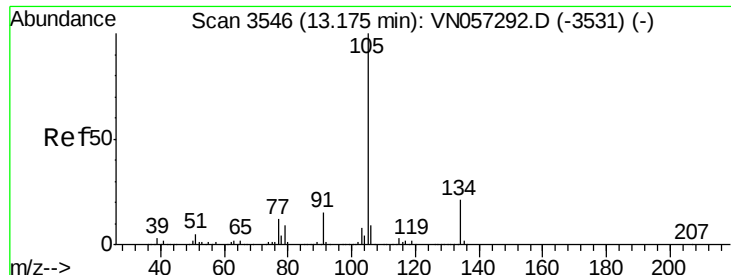
Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO



Time-->





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN057427.D

Acq: 20 Aug 2019 3:15

Instrument :

MSVOA_N

ClientSampled :

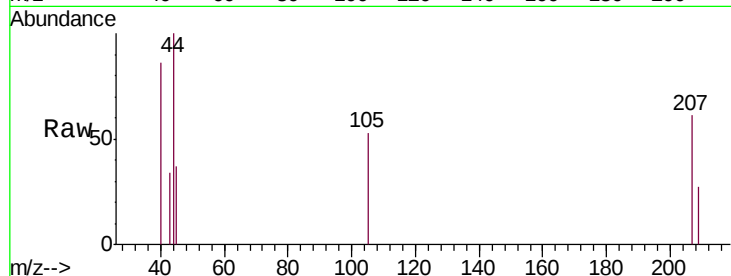
T6-A1-(0)

Tgt Ion:105 Resp: 243

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

13.17

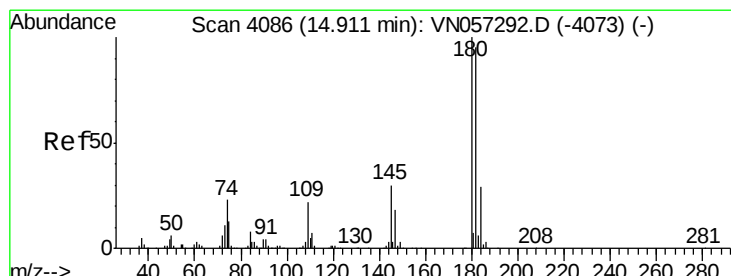
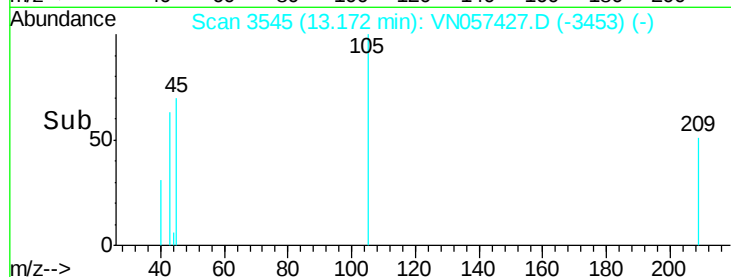
300

200

100

0

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 5.370 ug/l

RT: 14.93 min Scan# 4091

Delta R.T. 0.02 min

Lab File: VN057427.D

Acq: 20 Aug 2019 3:15

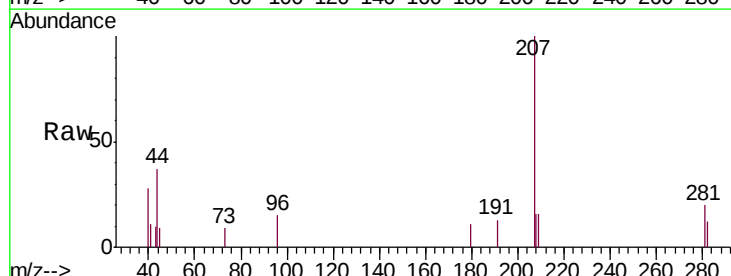
Tgt Ion:180 Resp: 71

Ion Ratio Lower Upper

180 100

182 166.2 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

300

250

200

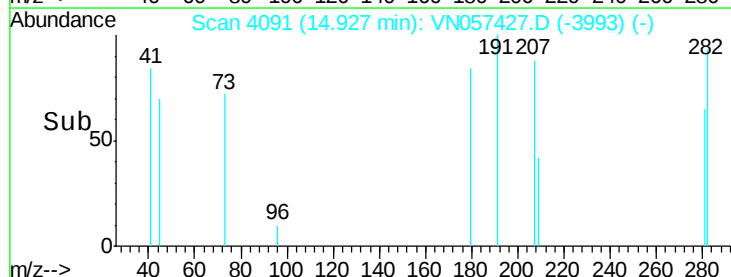
150

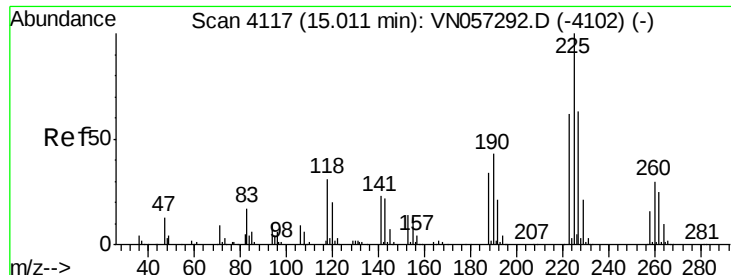
100

50

0

Time-->





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN057427.D

Acq: 20 Aug 2019 3:15

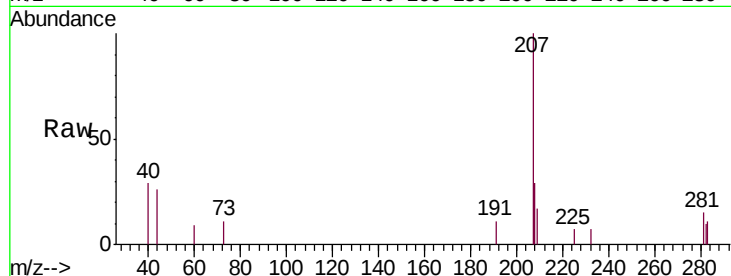
Instrument :

MSVOA_N

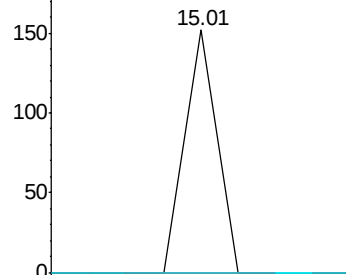
ClientSampleId :

T6-A1-(0)

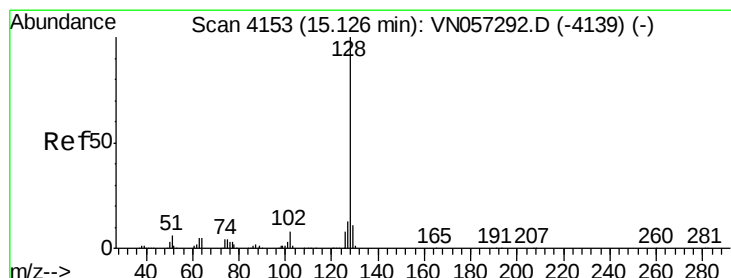
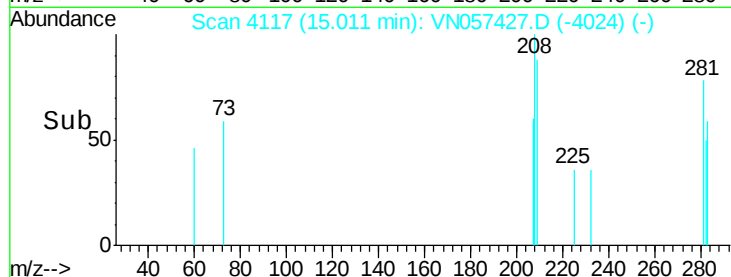
Tgt Ion:	225	Resp:	29
Ion Ratio	Lower	Upper	
225	100		
223	0.0	30.7	92.1#
227	0.0	30.9	92.7#



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



Time--> 15.00 15.01 15.02



#95

Naphthalene

Concen: Below Cal

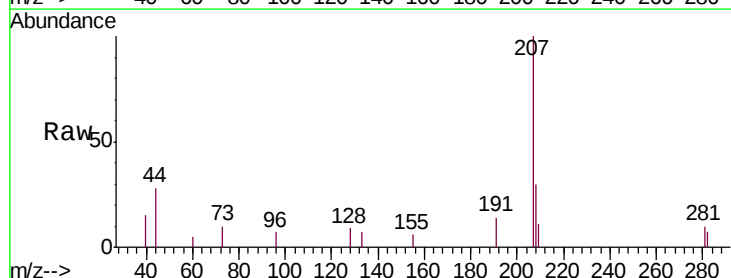
RT: 15.13 min Scan# 4155

Delta R.T. 0.01 min

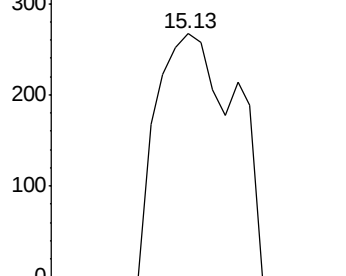
Lab File: VN057427.D

Acq: 20 Aug 2019 3:15

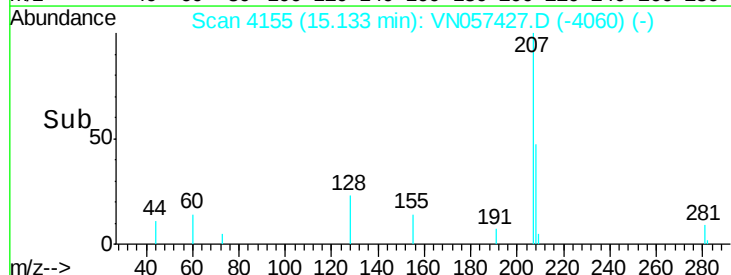
Tgt Ion:	128	Resp:	376
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.5	15.7#
129	0.0	8.8	13.2#

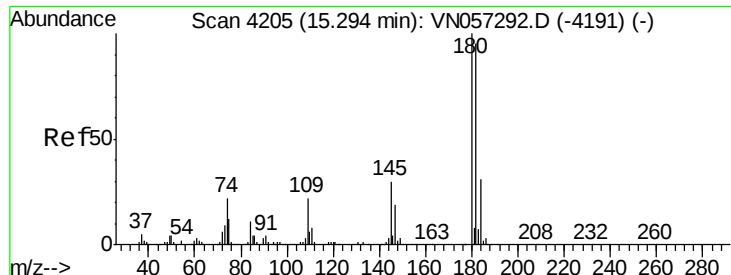


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



Time--> 15.10 15.12 15.14 15.16

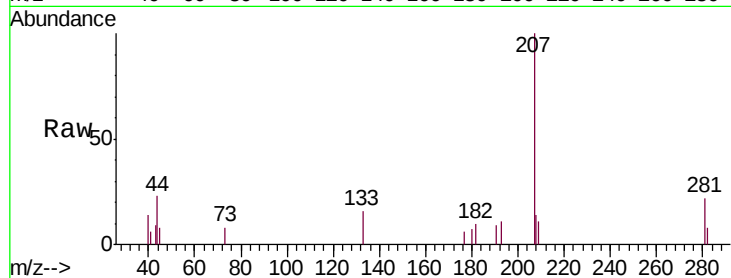




#96
 1,2,3-Trichlorobenzene
 Concen: Below Cal
 RT: 15.30 min Scan# 4208
 Delta R.T. 0.01 min
 Lab File: VN057427.D
 Acq: 20 Aug 2019 3:15

Instrument :
 MSVOA_N
 ClientSampleId :
 T6-A1-(0)

Tgt Ion	Ratio	Lower	Upper
180	100		
182	123.3	47.9	143.6
145	0.0	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

