

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081919\
 Data File : VN057420.D
 Acq On : 20 Aug 2019 00:25
 Operator : JC/SP
 Sample : K4386-23
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T8-E4-(0)

Quant Time: Aug 20 08:49:49 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	1037222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1428477	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1199948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	311051	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	466722	41.39	ug/l	0.00
Spiked Amount			Recovery	=	82.78%	
35) Dibromofluoromethane	7.58	113	430865	46.01	ug/l	0.00
Spiked Amount			Recovery	=	92.02%	
50) Toluene-d8	10.09	98	1640594	47.90	ug/l	0.00
Spiked Amount			Recovery	=	95.80%	
62) 4-Bromofluorobenzene	12.40	95	435980	36.02	ug/l	0.00
Spiked Amount			Recovery	=	72.04%	

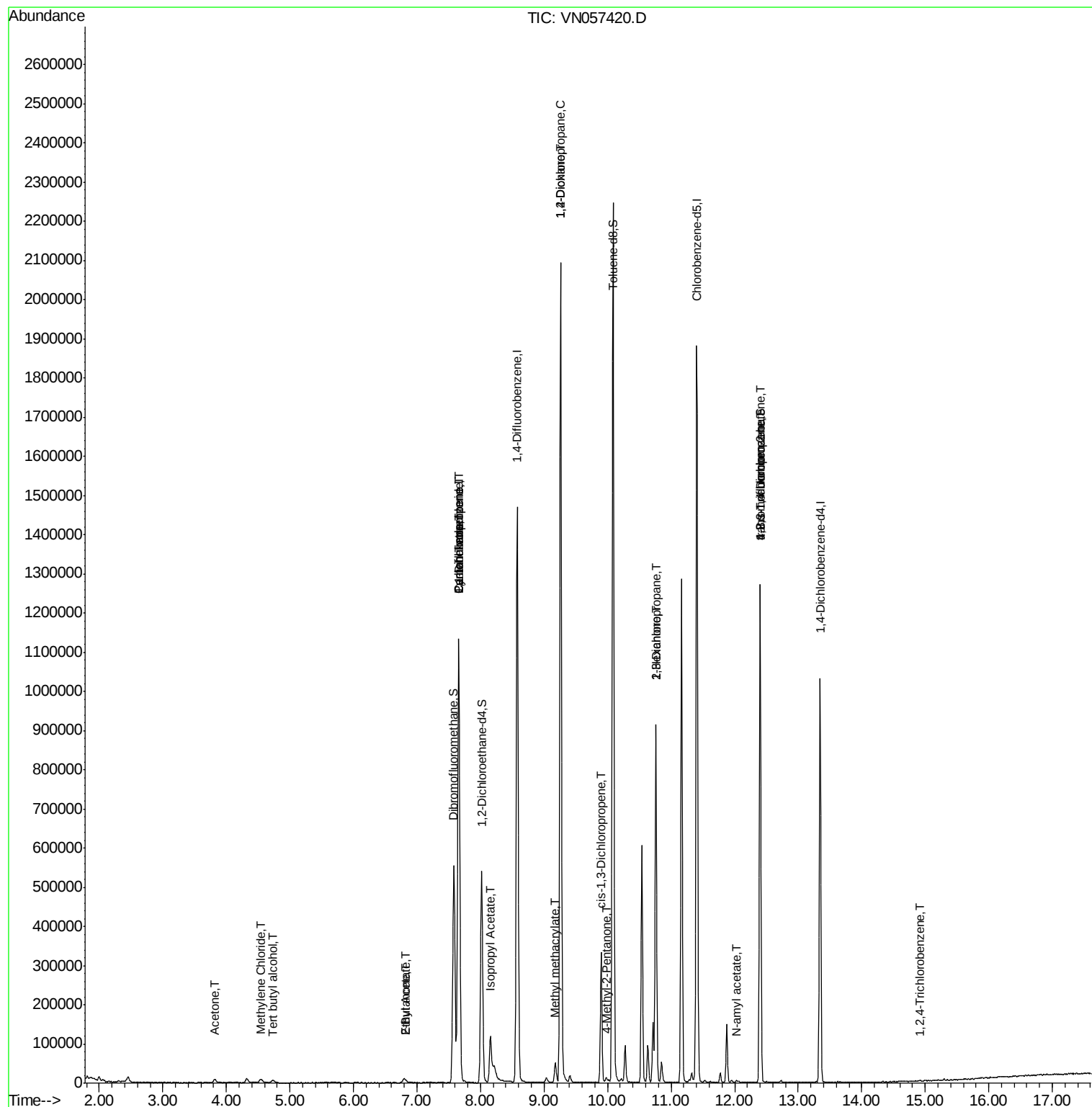
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.73	59	3630	2.264	ug/l #	73
16) Acetone	3.81	43	11242	2.874	ug/l	93
18) Methyl Acetate	4.31	43	19162	Below Cal		93
20) Methylene Chloride	4.55	84	7560	0.691	ug/l	94
25) 2-Butanone	6.83	43	3167	0.559	ug/l	96
31) Cyclohexane	7.66	56	15070	0.981	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	60849	4.824	ug/l #	48
37) Ethyl Acetate	6.83	43	3167	0.307	ug/l #	71
38) Carbon Tetrachloride	7.65	117	84498	6.448	ug/l #	16
43) Isopropyl Acetate	8.16	43	148292	6.877	ug/l #	89
45) 1,2-Dichloropropane	9.26	63	3019	0.304	ug/l #	44
48) Methyl methacrylate	9.18	41	6686	0.786	ug/l #	11
49) 1,4-Dioxane	9.26	88	300	1.677	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	8865	0.832	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	66141	4.219	ug/l #	60
57) 1,3-Dichloropropane	10.76	76	10286	0.652	ug/l #	43
59) 2-Hexanone	10.76	43	126674	16.533	ug/l #	52
73) Isopropylbenzene	12.25	105	503	Below Cal		80
74) N-amyl acetate	12.03	43	6058	0.671	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	12.41	83	74	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	200615	32.087	ug/l #	100
77) Bromobenzene	12.54	156	296	Below Cal		65
79) 2-Chlorotoluene	12.67	91	660	Below Cal	#	62
80) 1,3,5-Trimethylbenzene	12.73	105	1719	Below Cal		95
81) trans-1,4-Dichloro-2-buten	12.40	75	200615	78.645	ug/l #	15
83) tert-Butylbenzene	12.98	119	296	Below Cal	#	22
85) sec-Butylbenzene	13.18	105	1024	Below Cal	#	55
93) 1,2,4-Trichlorobenzene	14.91	180	891	5.552	ug/l	92
94) Hexachlorobutadiene	15.01	225	32	Below Cal	#	1
95) Naphthalene	15.13	128	1567	Below Cal	#	69
96) 1,2,3-Trichlorobenzene	15.30	180	921	Below Cal		74

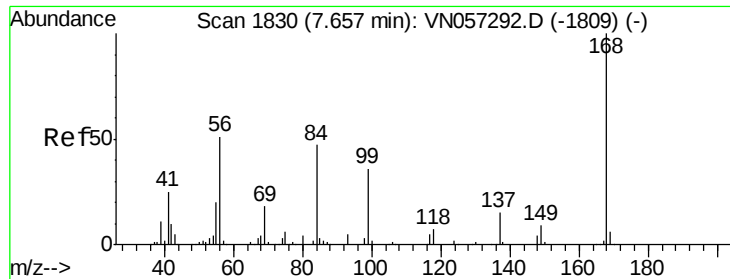
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 15 11:33:14 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057420.D

Acq: 20 Aug 2019 00:25

Instrument :

MSVOA_N

ClientSampled :

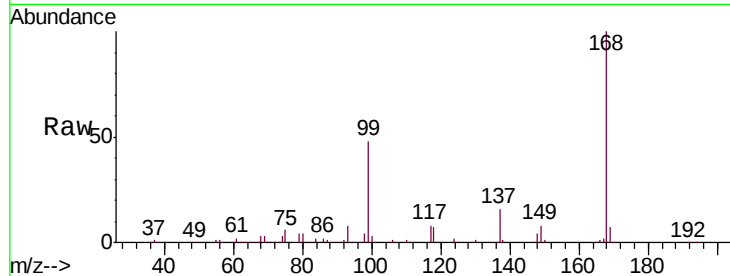
T8-E4-(0)

Tgt Ion:168 Resp: 1037222

Ion Ratio Lower Upper

168 100

99 47.5 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

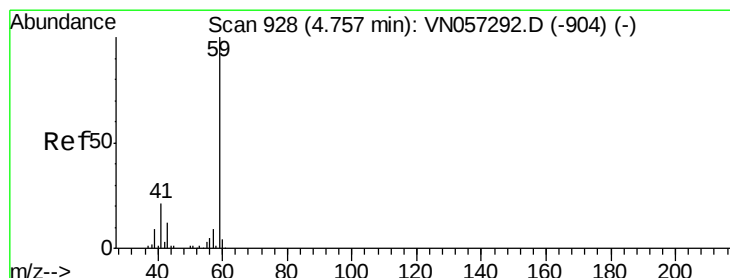
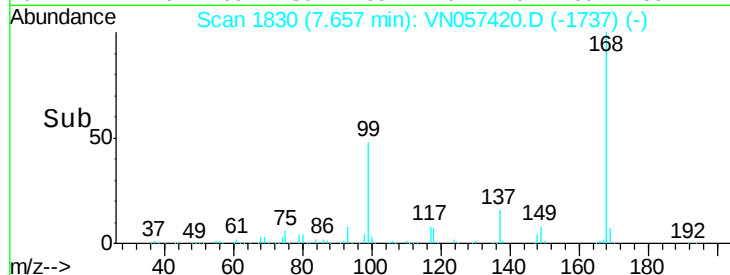
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.264 ug/l

RT: 4.73 min Scan# 920

Delta R.T. -0.03 min

Lab File: VN057420.D

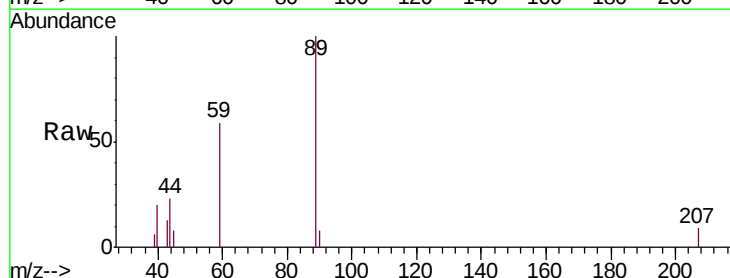
Acq: 20 Aug 2019 00:25

Tgt Ion: 59 Resp: 3630

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) (-)

4.73

2000

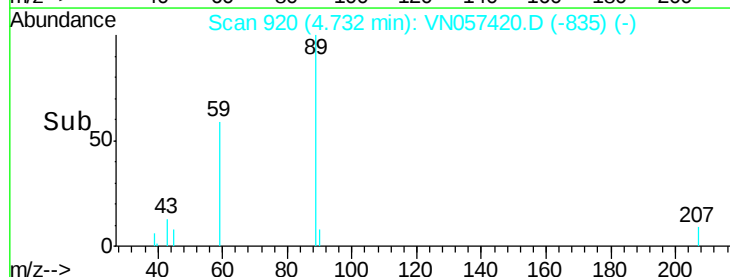
1500

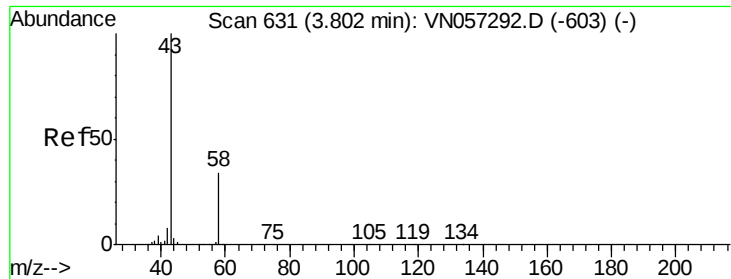
1000

500

0

Time-->

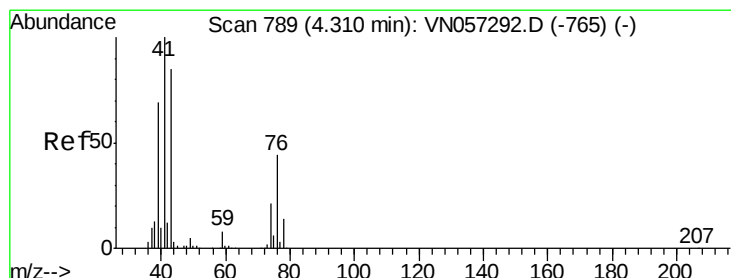
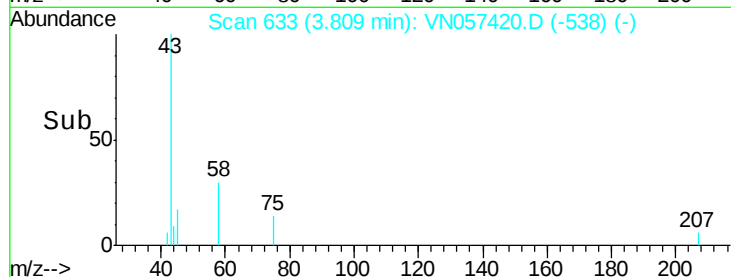
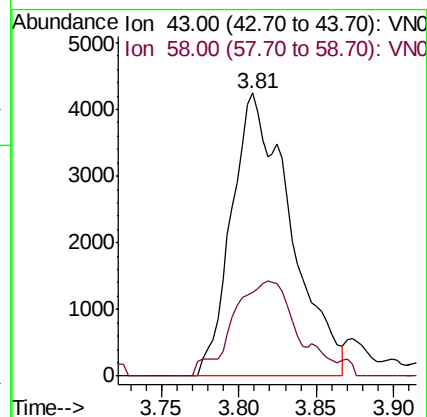
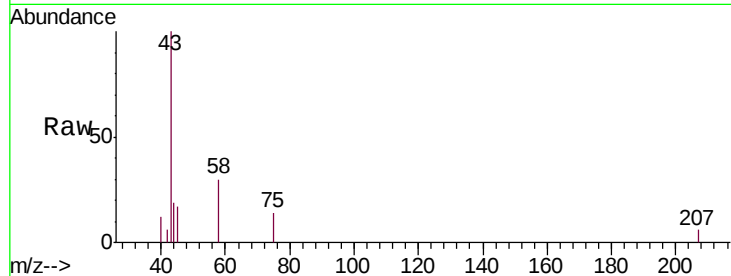




#16
Acetone
Concen: 2.874 ug/l
RT: 3.81 min Scan# 633
Delta R.T. 0.01 min
Lab File: VN057420.D
Acq: 20 Aug 2019 00:25

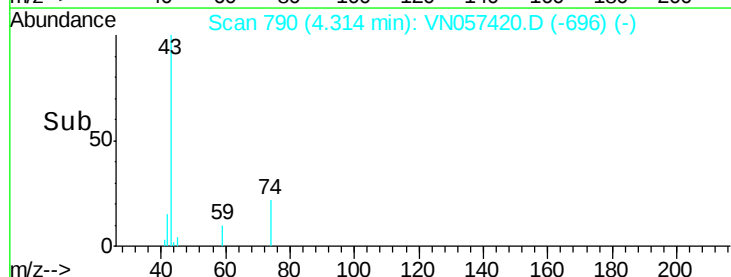
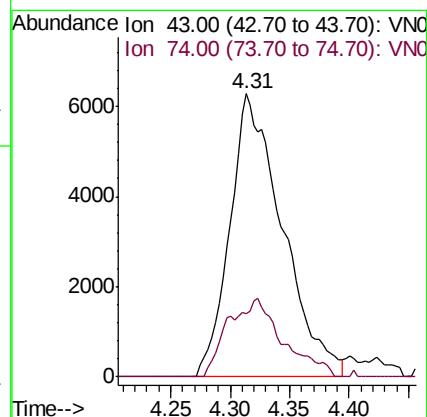
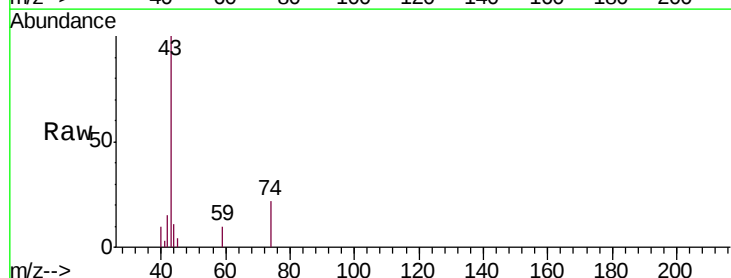
Instrument :
MSVOA_N
ClientSampleId :
T8-E4-(0)

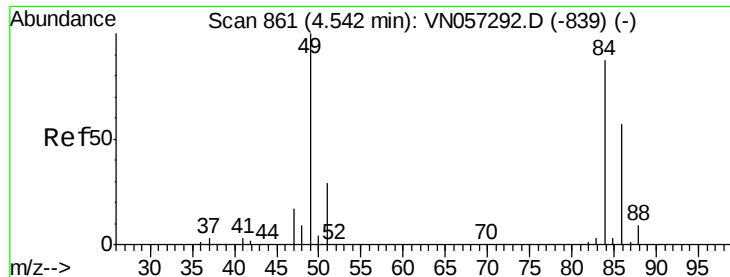
Tgt Ion: 43 Resp: 11242
Ion Ratio Lower Upper
43 100
58 29.6 27.0 40.6



#18
Methyl Acetate
Concen: Below Cal
RT: 4.31 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN057420.D
Acq: 20 Aug 2019 00:25

Tgt Ion: 43 Resp: 19162
Ion Ratio Lower Upper
43 100
74 28.9 20.2 30.2

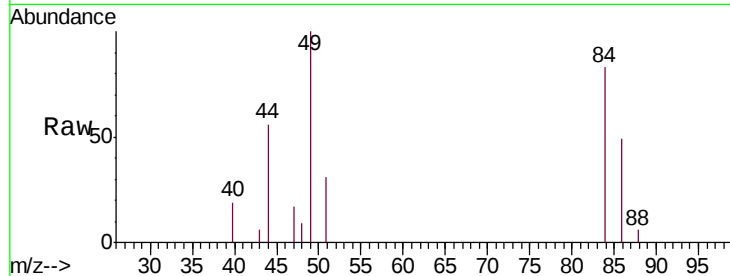




#20
Methylene Chloride
Concen: 0.691 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.01 min
Lab File: VN057420.D
Acq: 20 Aug 2019 00:25

Instrument :
MSVOA_N
ClientSampled :
T8-E4-(0)

Tgt Ion:	84	Resp:	7560
Ion	Ratio	Lower	Upper
84	100		
49	120.7	92.0	138.0
51	37.2	27.1	40.7
86	58.9	52.2	78.2

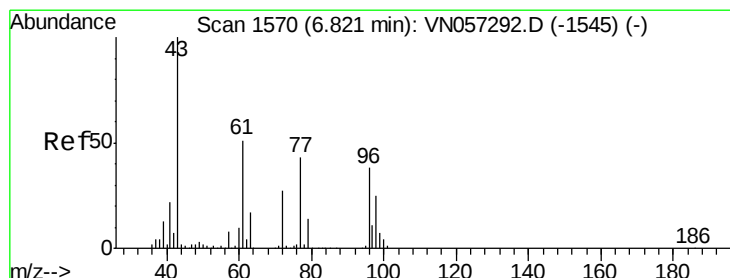
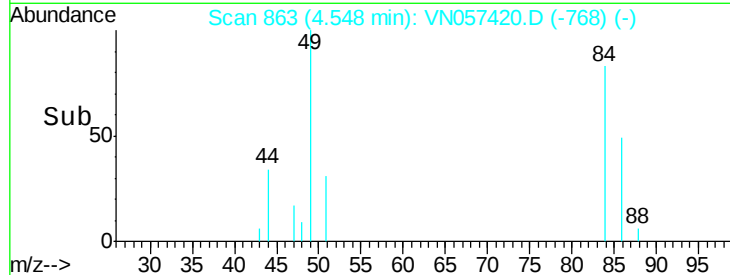
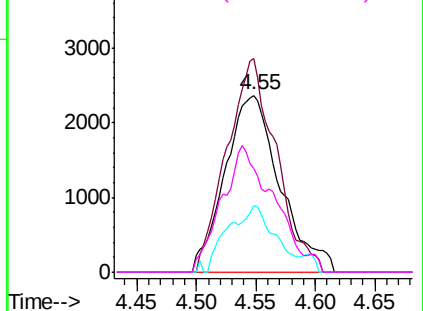


Abundance Ion 83.90 (83.60 to 84.60): VN057420.D (-839) (-)

Ion 48.90 (48.60 to 49.60): VN057420.D (-839) (-)

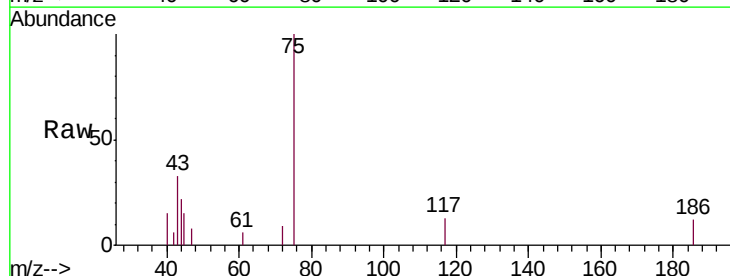
Ion 50.90 (50.60 to 51.60): VN057420.D (-839) (-)

Ion 85.90 (85.60 to 86.60): VN057420.D (-839) (-)



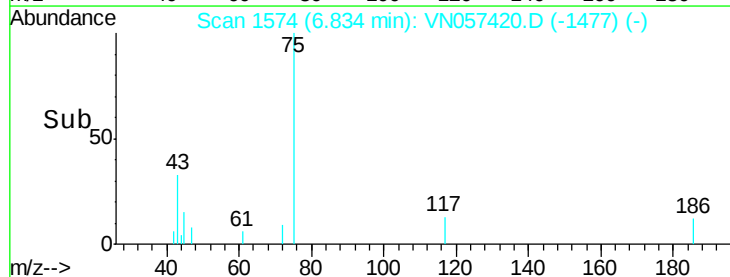
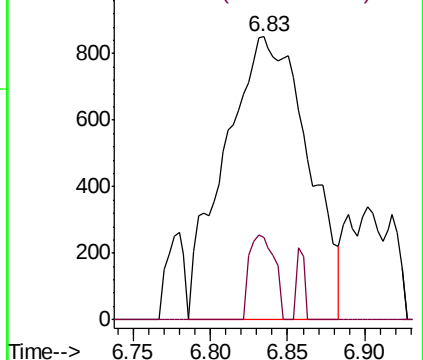
#25
2-Butanone
Concen: 0.559 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.01 min
Lab File: VN057420.D
Acq: 20 Aug 2019 00:25

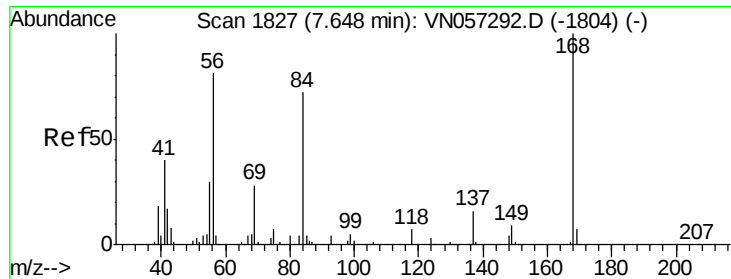
Tgt Ion:	43	Resp:	3167
Ion	Ratio	Lower	Upper
43	100		
72	28.9	21.5	32.3



Abundance Ion 43.00 (42.70 to 43.70): VN057420.D (-1477) (-)

Ion 72.00 (71.70 to 72.70): VN057420.D (-1477) (-)

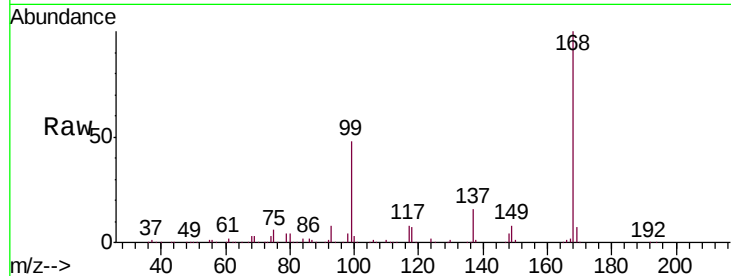




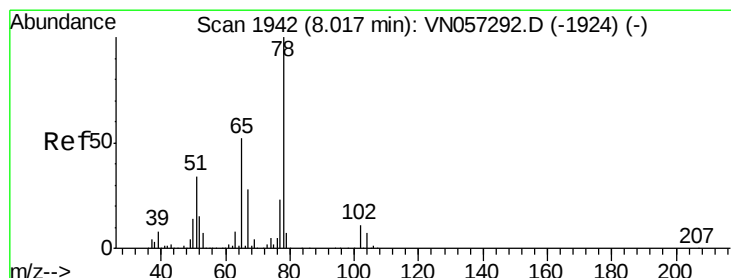
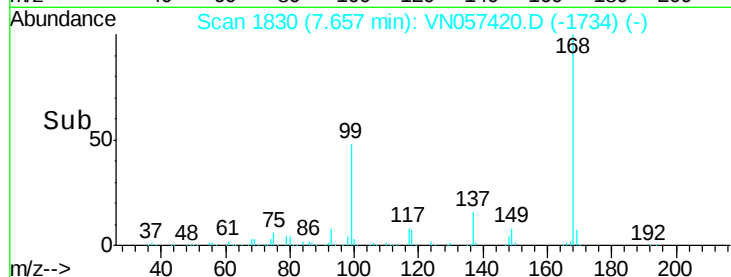
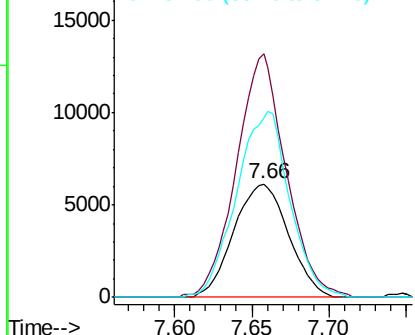
#31
Cyclohexane
Concen: 0.981 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN057420.D
Acq: 20 Aug 2019 00:25

Instrument :
MSVOA_N
ClientSampled :
T8-E4-(0)

Tgt Ion: 56 Resp: 15070
Ion Ratio Lower Upper
56 100
69 211.7 27.3 40.9#
84 155.8 71.0 106.6#

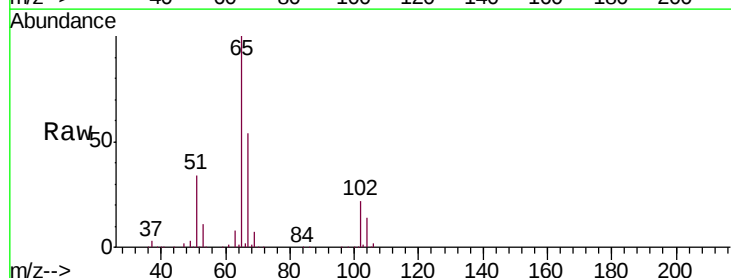


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

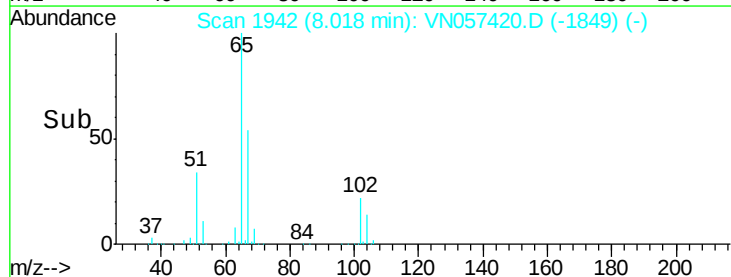
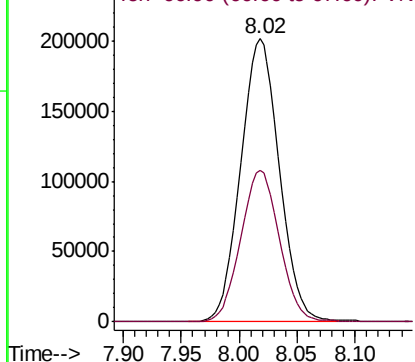


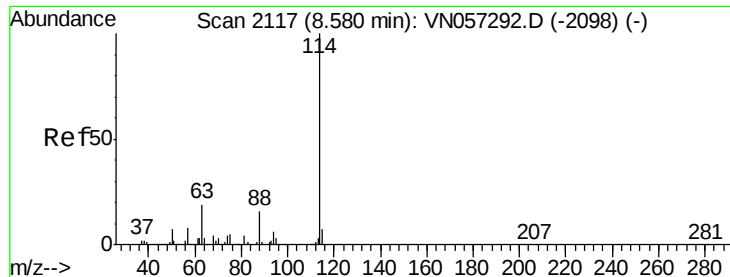
#33
1,2-Dichloroethane-d4
Concen: 41.392 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN057420.D
Acq: 20 Aug 2019 00:25

Tgt Ion: 65 Resp: 466722
Ion Ratio Lower Upper
65 100
67 53.8 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

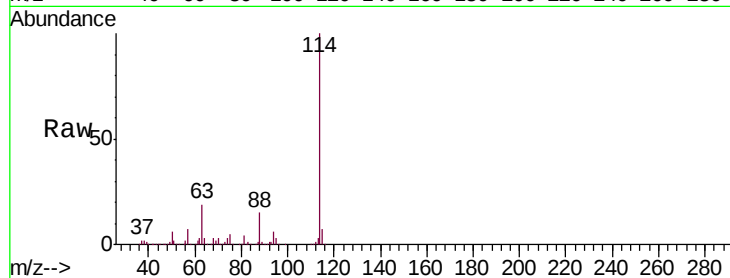




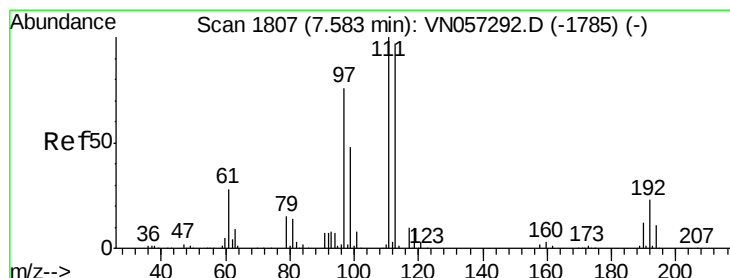
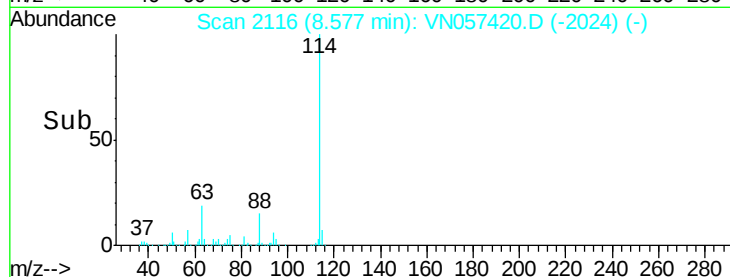
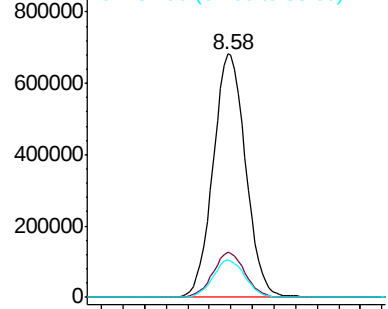
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. -0.00 min
 Lab File: VN057420.D
 Acq: 20 Aug 2019 00:25

Instrument :
 MSVOA_N
 ClientSampleId :
 T8-E4-(0)

Tgt Ion:114 Resp: 1428477
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.8
 88 15.3 0.0 31.4

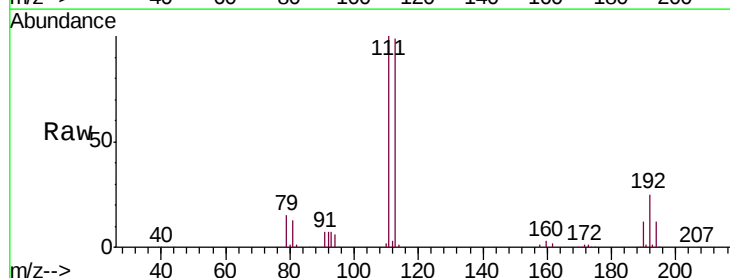


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

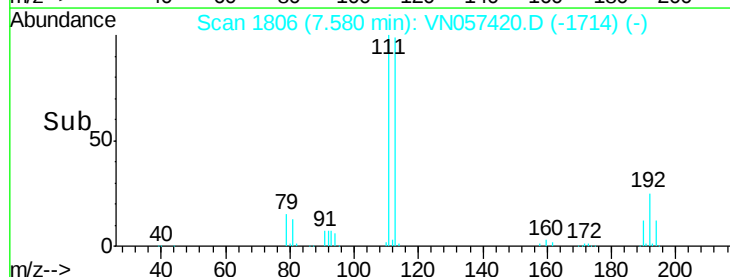
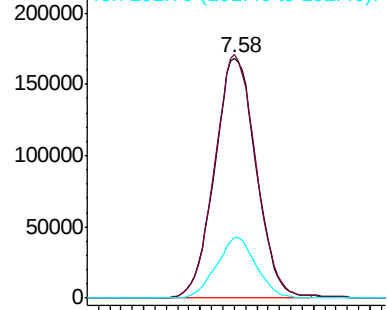


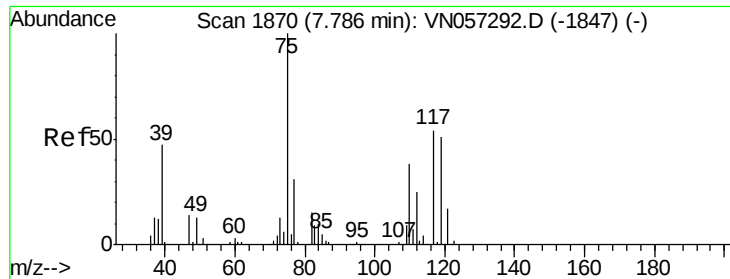
#35
 Dibromofluoromethane
 Concen: 46.013 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN057420.D
 Acq: 20 Aug 2019 00:25

Tgt Ion:113 Resp: 430865
 Ion Ratio Lower Upper
 113 100
 111 100.8 82.1 123.1
 192 24.2 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: 4.824 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.13 min

Lab File: VN057420.D

Acq: 20 Aug 2019 00:25

Instrument :

MSVOA_N

ClientSampleId :

T8-E4-(0)

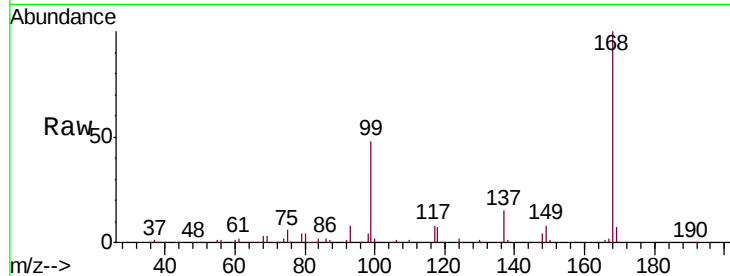
Tgt Ion: 75 Resp: 60849

Ion Ratio Lower Upper

75 100

110 9.5 19.5 58.5#

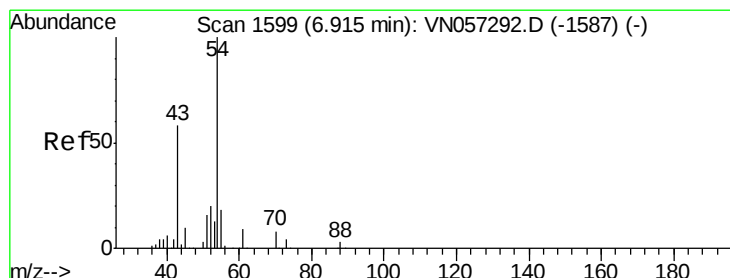
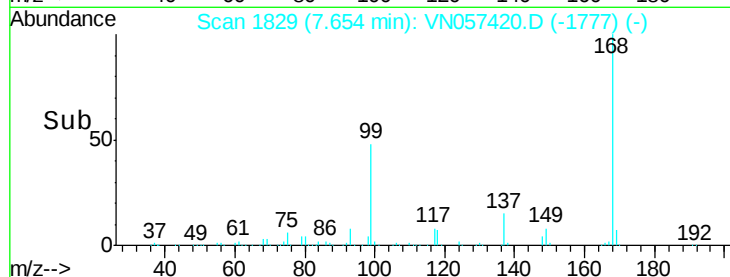
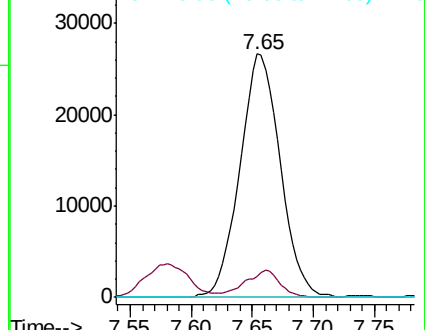
77 0.0 25.0 37.6#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#37

Ethyl Acetate

Concen: 0.307 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. -0.08 min

Lab File: VN057420.D

Acq: 20 Aug 2019 00:25

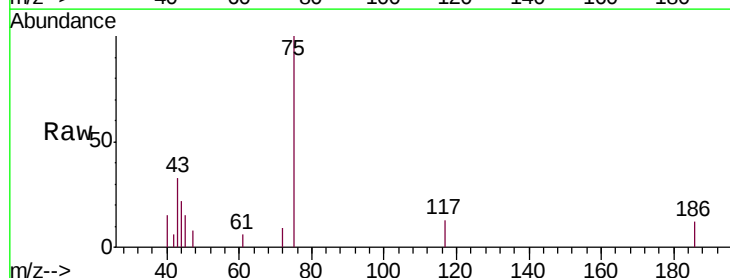
Tgt Ion: 43 Resp: 3167

Ion Ratio Lower Upper

43 100

61 3.2 12.0 18.0#

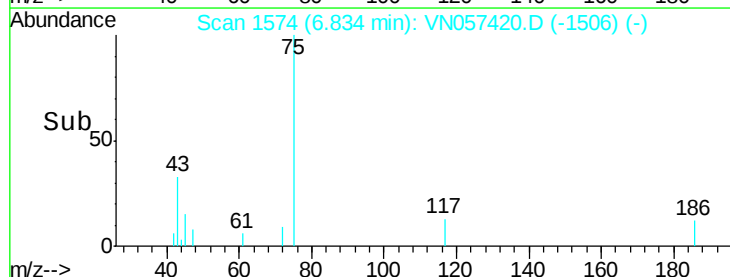
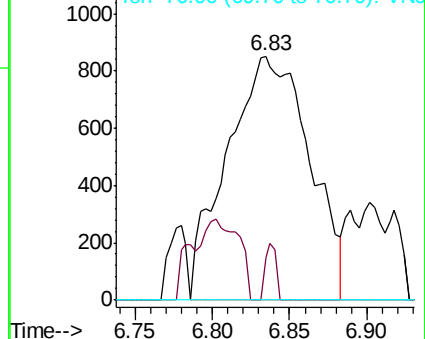
70 0.0 9.2 13.8#

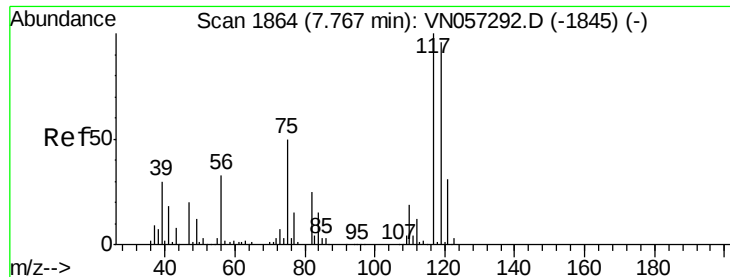


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0

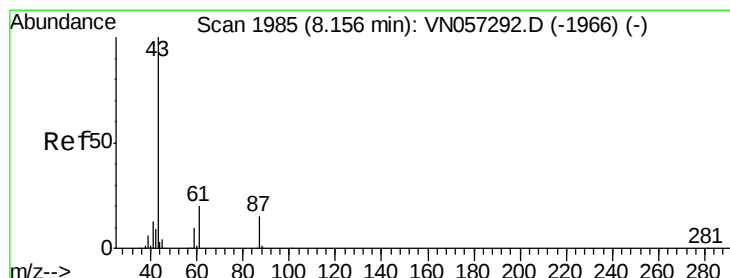
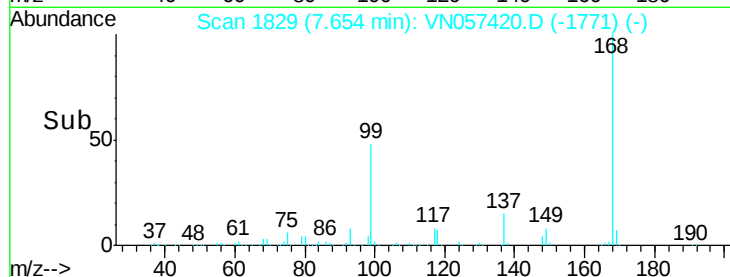
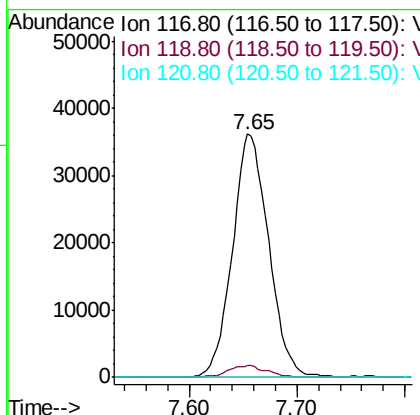
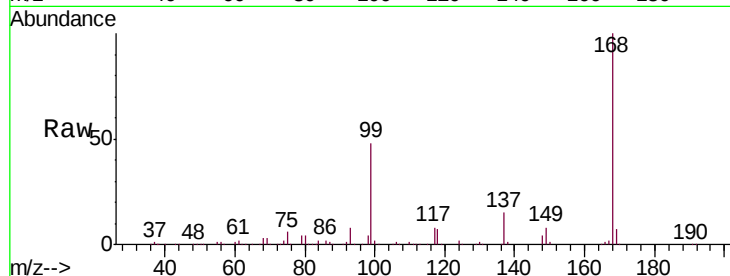




#38
Carbon Tetrachloride
Concen: 6.448 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.11 min
Lab File: VN057420.D
Acq: 20 Aug 2019 00:25

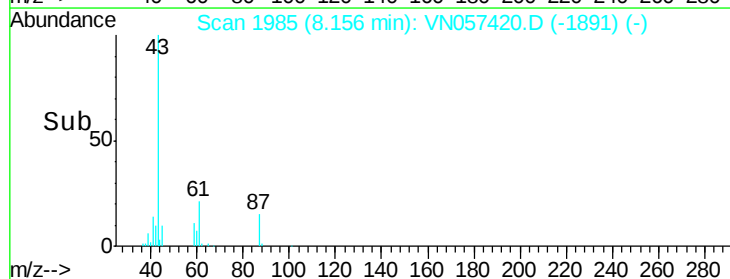
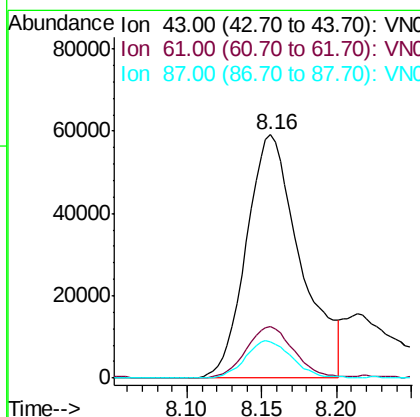
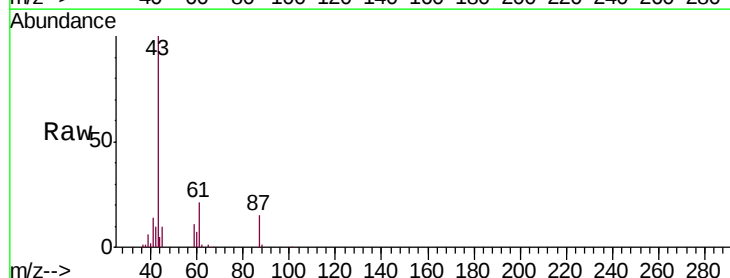
Instrument :
MSVOA_N
ClientSampled :
T8-E4-(0)

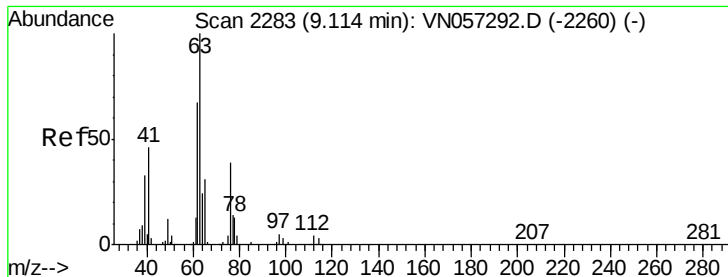
Tgt Ion: 117 Resp: 84498
Ion Ratio Lower Upper
117 100
119 4.7 76.8 115.2#
121 0.0 25.0 37.4#



#43
Isopropyl Acetate
Concen: 6.877 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. 0.00 min
Lab File: VN057420.D
Acq: 20 Aug 2019 00:25

Tgt Ion: 43 Resp: 148292
Ion Ratio Lower Upper
43 100
61 18.8 21.6 32.4#
87 13.3 11.4 17.0





#45

1,2-Dichloropropane

Concen: 0.304 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.14 min

Lab File: VN057420.D

Acq: 20 Aug 2019 00:25

Instrument :

MSVOA_N

ClientSampleId :

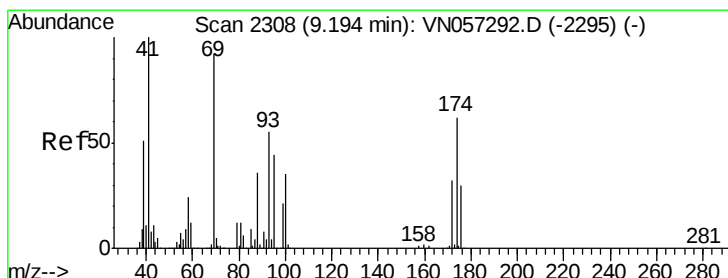
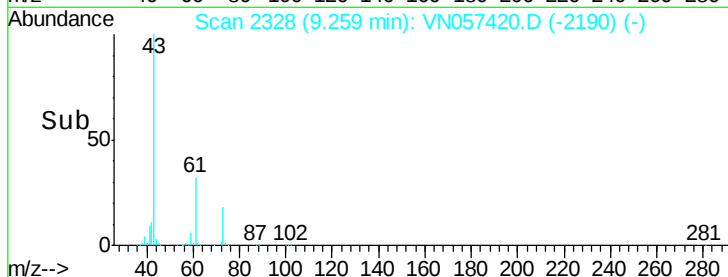
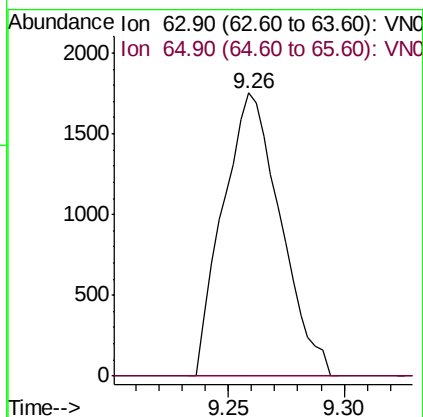
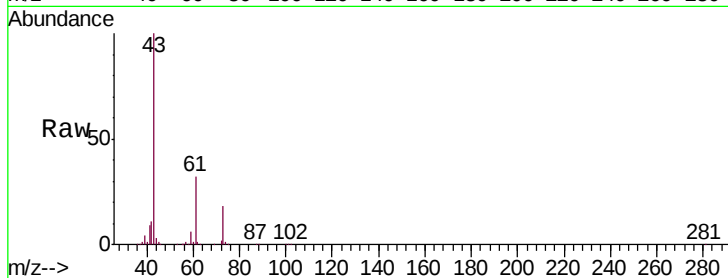
T8-E4-(0)

Tgt Ion: 63 Resp: 3019

Ion Ratio Lower Upper

63 100

65 0.0 24.8 37.2#



#48

Methyl methacrylate

Concen: 0.786 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.02 min

Lab File: VN057420.D

Acq: 20 Aug 2019 00:25

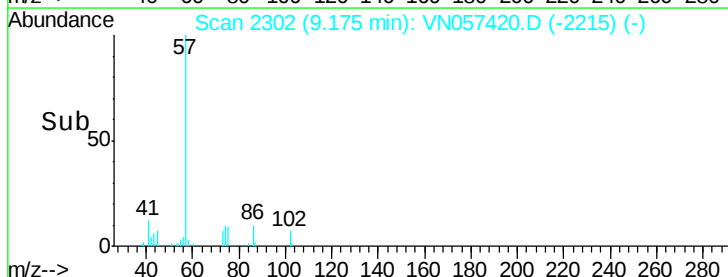
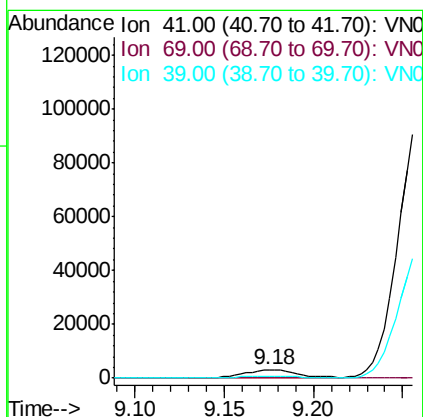
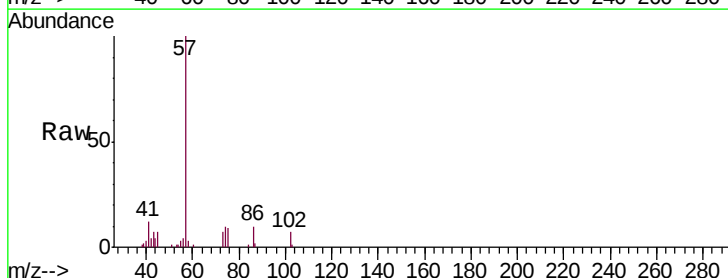
Tgt Ion: 41 Resp: 6686

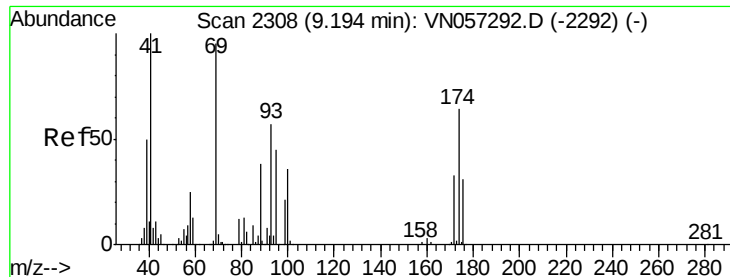
Ion Ratio Lower Upper

41 100

69 0.0 75.9 113.9#

39 0.0 42.3 63.5#





#49

1,4-Dioxane

Concen: 1.677 ug/l

RT: 9.26 min Scan# 2327

Delta R.T. 0.06 min

Lab File: VN057420.D

Acq: 20 Aug 2019 00:25

Instrument :

MSVOA_N

ClientSampled :

T8-E4-(0)

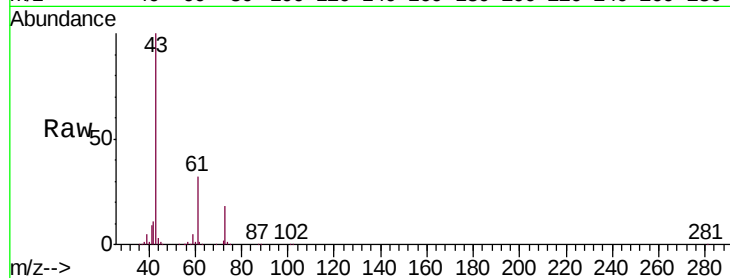
Tgt Ion: 88 Resp: 300

Ion Ratio Lower Upper

88 100

43 672407.0 22.9 34.3#

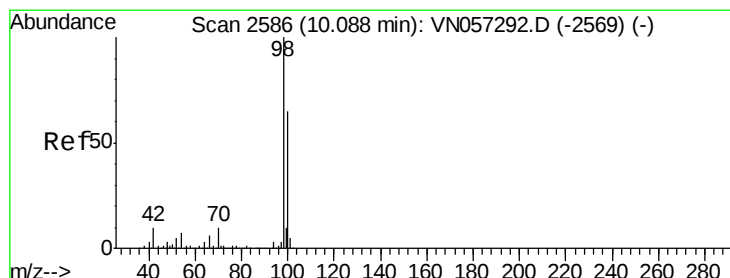
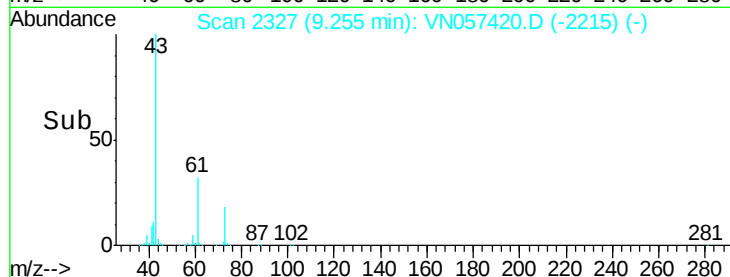
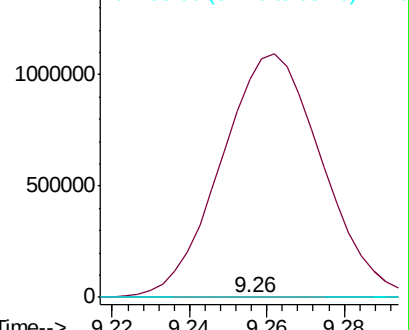
58 2843.0 52.7 79.1#



Abundance Ion 88.00 (87.70 to 88.70): VN057420.D (-2215) (-)

Ion 43.00 (42.70 to 43.70): VN057420.D (-2215) (-)

Ion 58.00 (57.70 to 58.70): VN057420.D (-2215) (-)



#50

Toluene-d8

Concen: 47.902 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057420.D

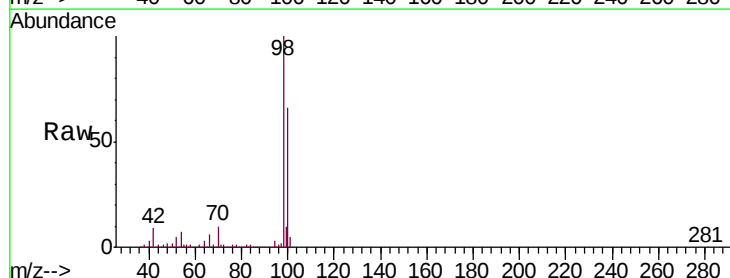
Acq: 20 Aug 2019 00:25

Tgt Ion: 98 Resp: 1640594

Ion Ratio Lower Upper

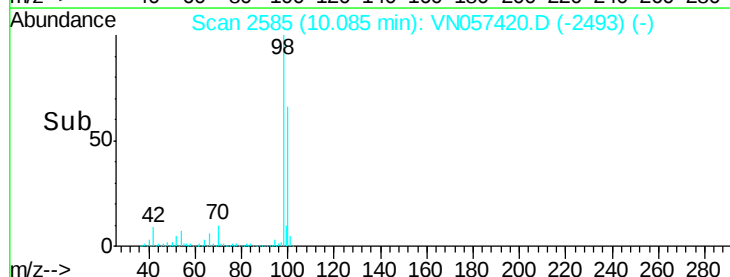
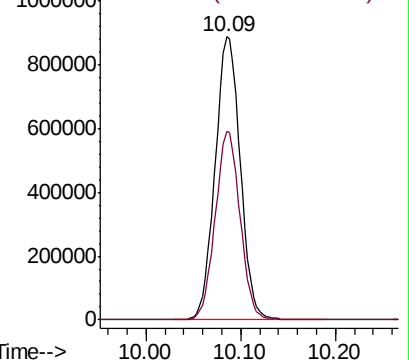
98 100

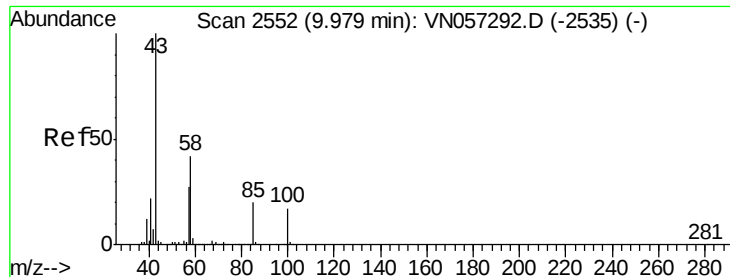
100 65.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN057420.D (-2493) (-)

Ion 100.00 (99.70 to 100.70): VN057420.D (-2493) (-)

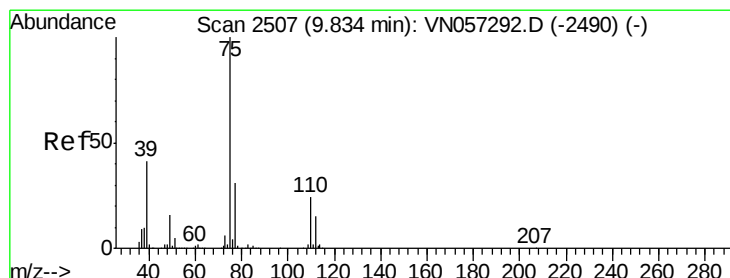
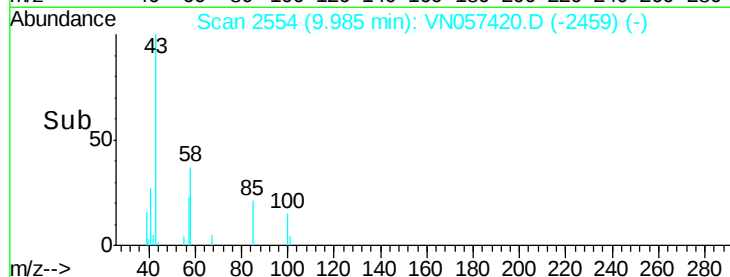
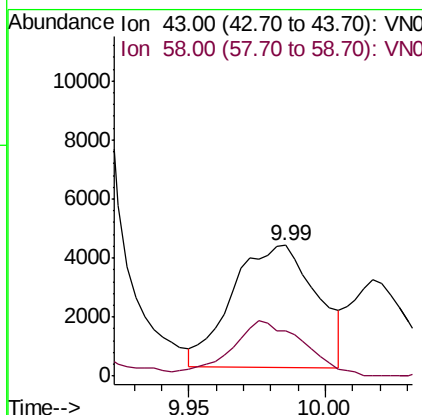
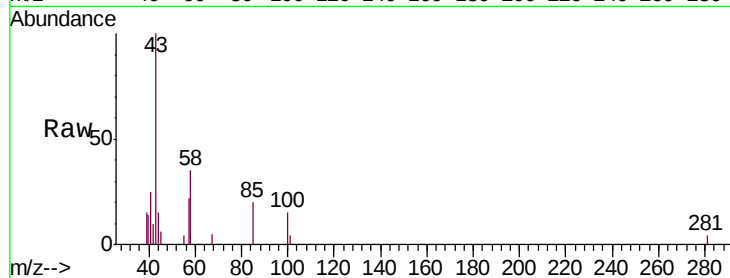




#51
 4-Methyl-2-Pentanone
 Concen: 0.832 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.01 min
 Lab File: VN057420.D
 Acq: 20 Aug 2019 00:25

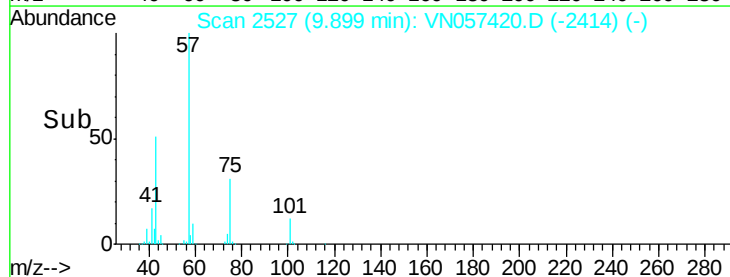
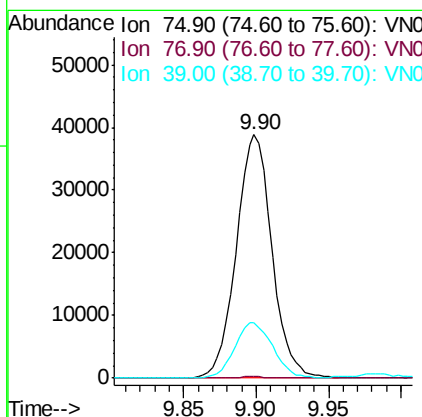
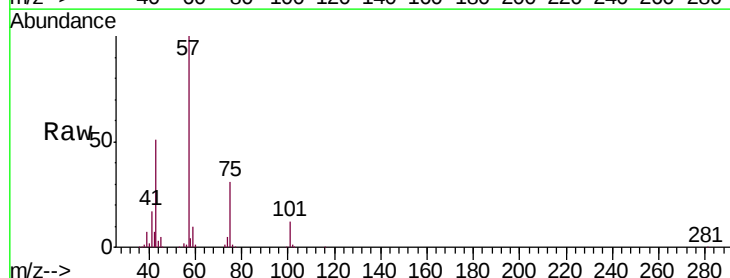
Instrument :
 MSVOA_N
 ClientSampled :
 T8-E4-(0)

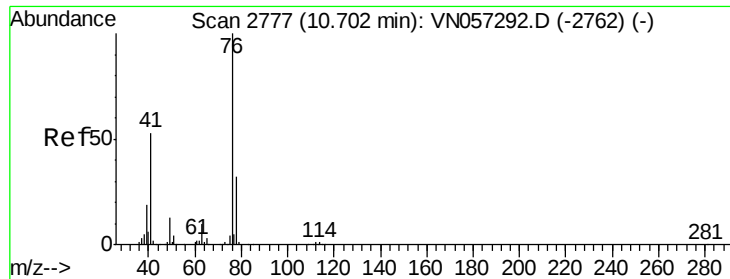
Tgt Ion: 43 Resp: 8865
 Ion Ratio Lower Upper
 43 100
 58 39.6 33.2 49.8



#54
 cis-1,3-Dichloropropene
 Concen: 4.219 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN057420.D
 Acq: 20 Aug 2019 00:25

Tgt Ion: 75 Resp: 66141
 Ion Ratio Lower Upper
 75 100
 77 0.6 24.9 37.3#
 39 22.9 32.7 49.1#

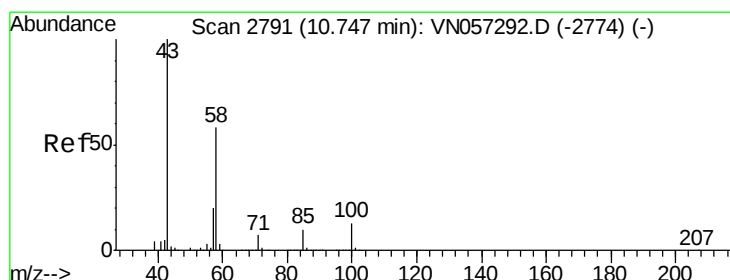
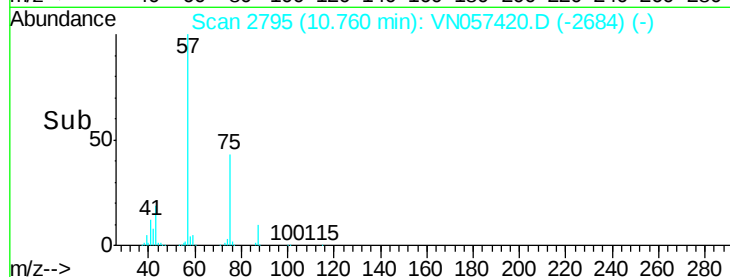
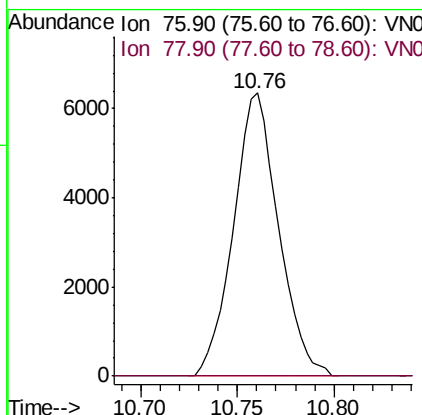
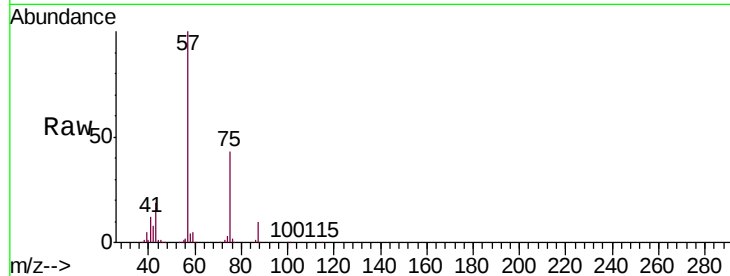




#57
 1,3-Dichloropropane
 Concen: 0.652 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.06 min
 Lab File: VN057420.D
 Acq: 20 Aug 2019 00:25

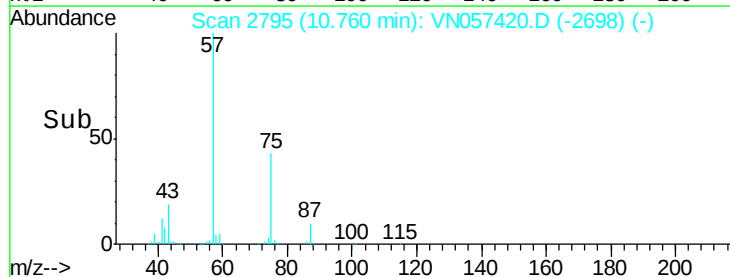
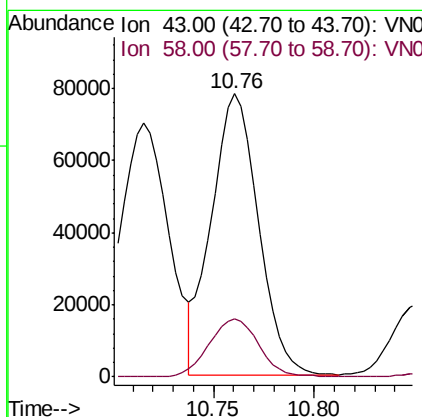
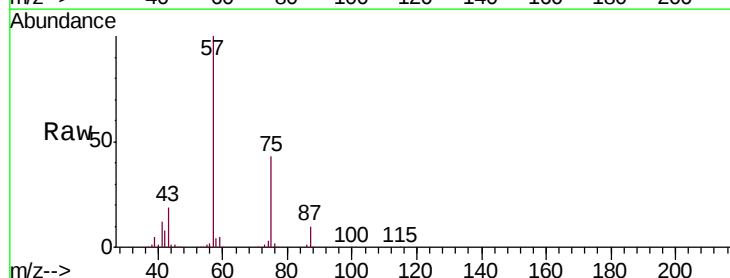
Instrument :
 MSVOA_N
 ClientSampleId :
 T8-E4-(0)

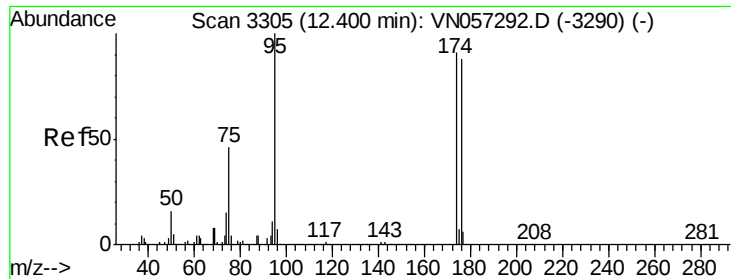
Tgt Ion: 76 Resp: 10286
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 16.533 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: VN057420.D
 Acq: 20 Aug 2019 00:25

Tgt Ion: 43 Resp: 126674
 Ion Ratio Lower Upper
 43 100
 58 21.8 28.6 85.9#





#62

4-Bromofluorobenzene

Concen: 36.021 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057420.D

Acq: 20 Aug 2019 00:25

Instrument :

MSVOA_N

ClientSampleId :

T8-E4-(0)

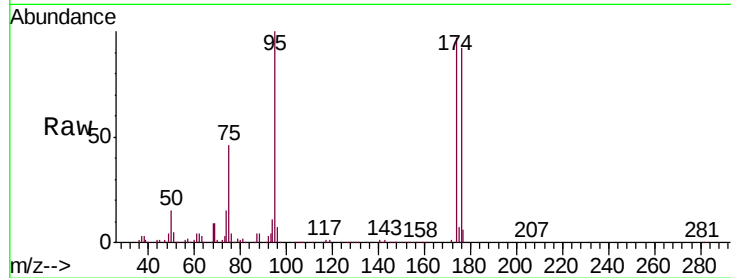
Tgt Ion: 95 Resp: 435980

Ion Ratio Lower Upper

95 100

174 96.6 0.0 185.0

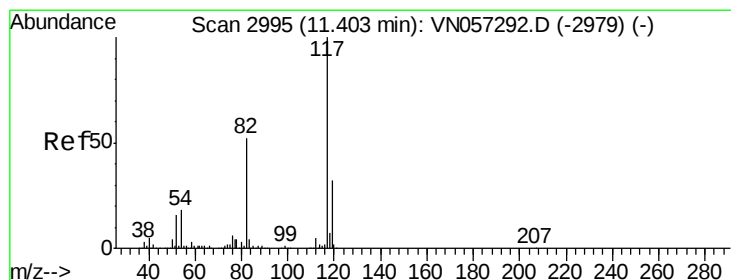
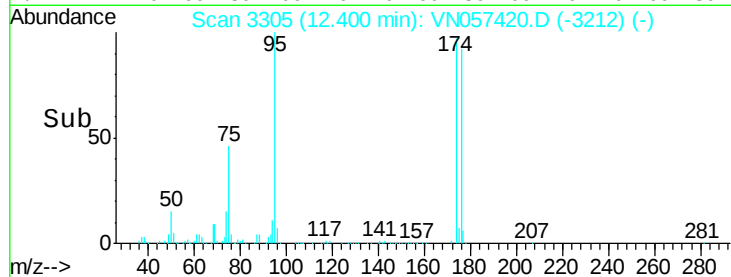
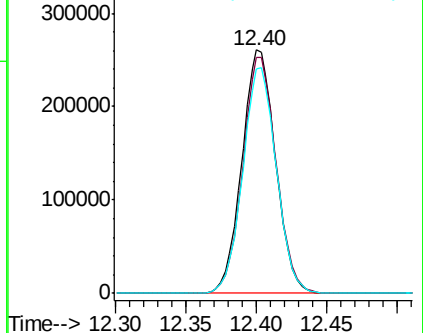
176 92.7 0.0 181.0



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: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN057420.D

Acq: 20 Aug 2019 00:25

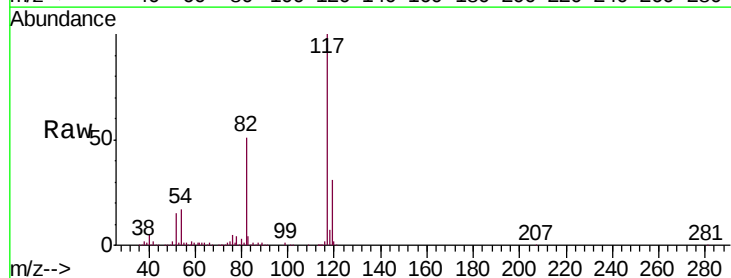
Tgt Ion: 117 Resp: 1199948

Ion Ratio Lower Upper

117 100

82 51.4 41.2 61.8

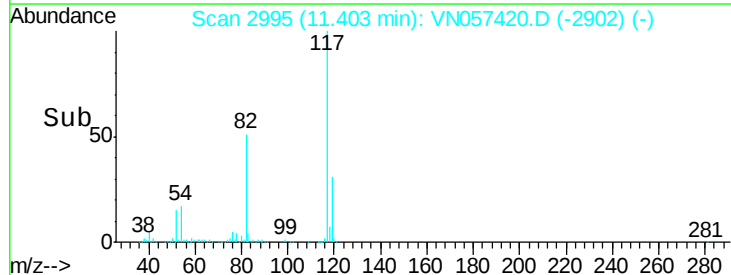
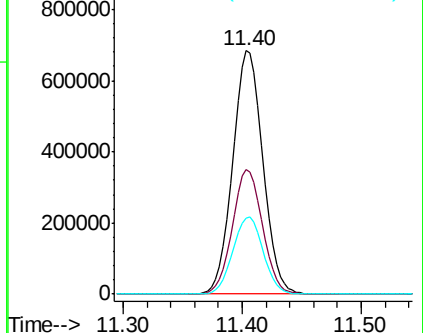
119 31.4 25.8 38.8

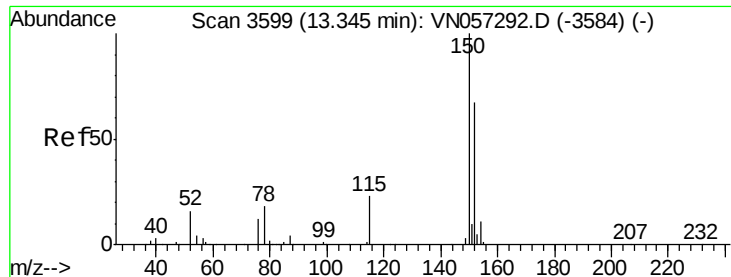


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057420.D

Acq: 20 Aug 2019 00:25

Instrument :

MSVOA_N

ClientSampleId :

T8-E4-(0)

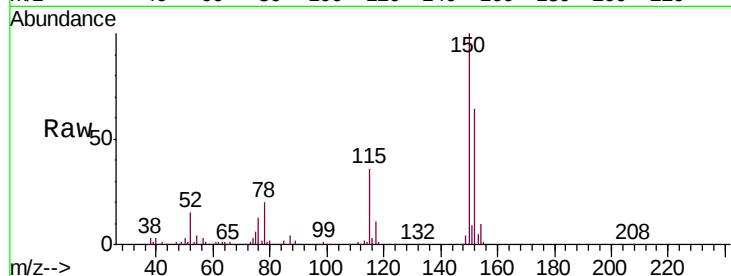
Tgt Ion:152 Resp: 311051

Ion Ratio Lower Upper

152 100

115 55.2 27.3 81.9

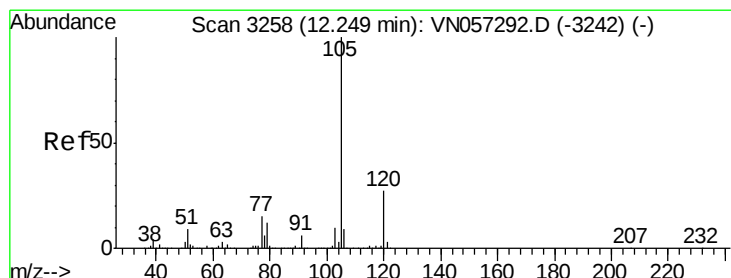
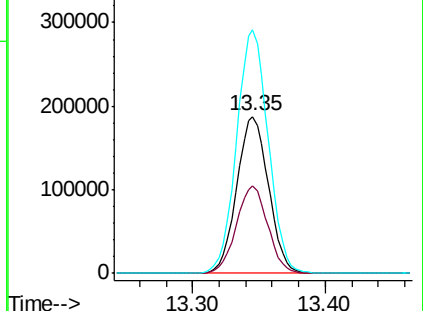
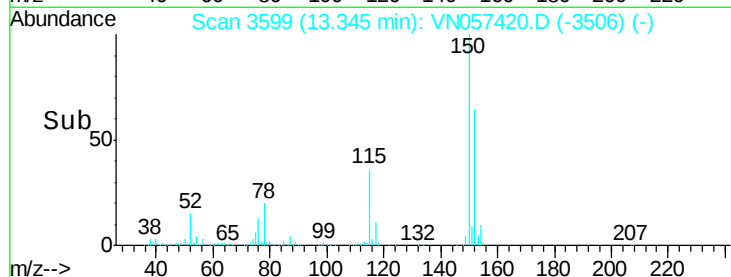
150 154.8 0.0 344.4



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: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057420.D

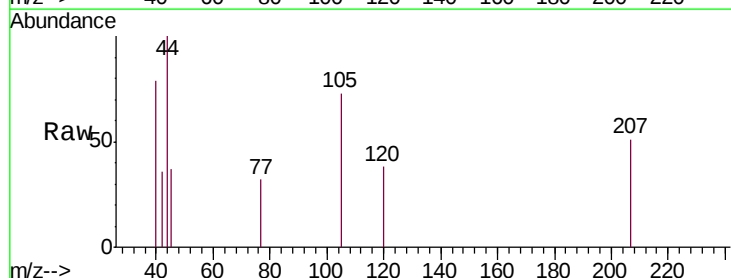
Acq: 20 Aug 2019 00:25

Tgt Ion:105 Resp: 503

Ion Ratio Lower Upper

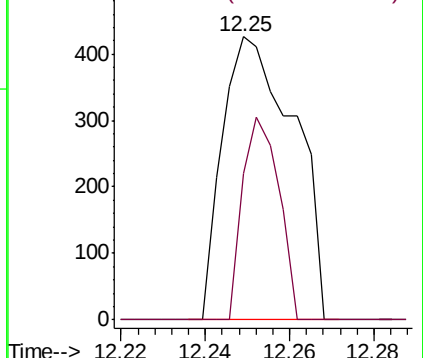
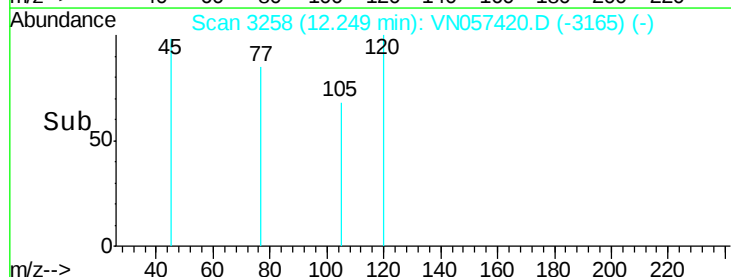
105 100

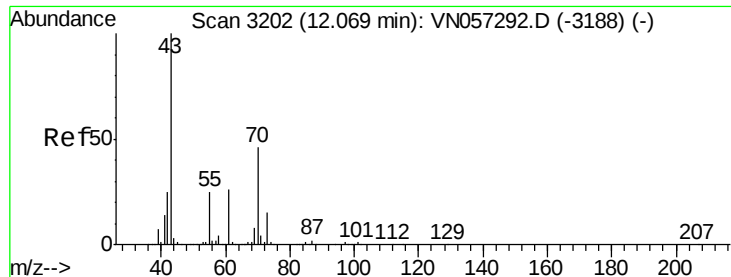
120 36.6 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 0.671 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN057420.D

Acq: 20 Aug 2019 00:25

Instrument :

MSVOA_N

ClientSampleId :

T8-E4-(0)

Tgt Ion: 43 Resp: 6058

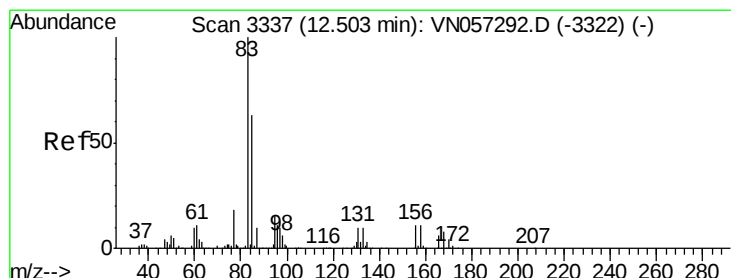
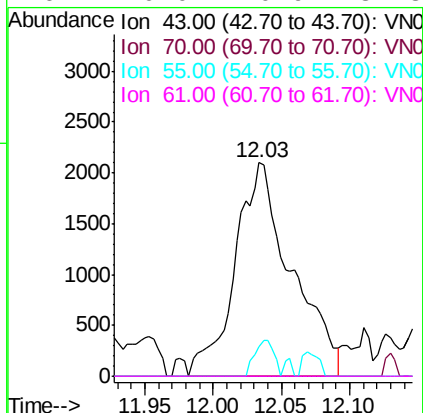
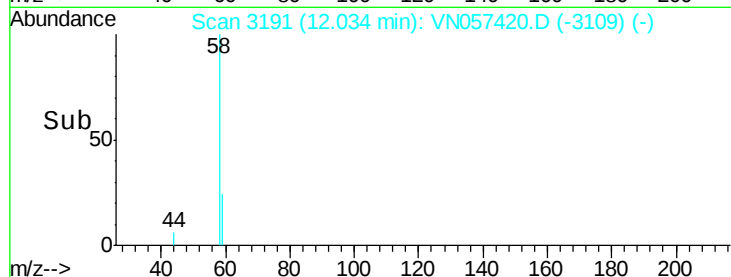
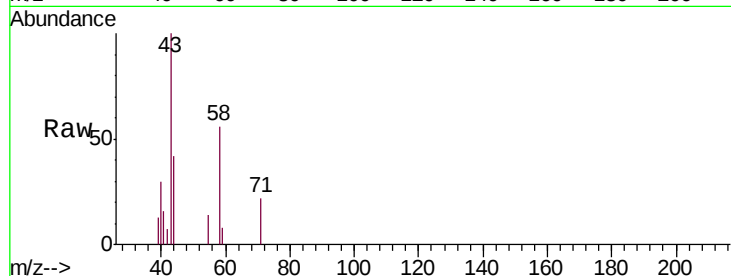
Ion Ratio Lower Upper

43 100

70 0.0 36.2 54.2#

55 5.7 20.1 30.1#

61 0.0 20.9 31.3#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3308

Delta R.T. -0.09 min

Lab File: VN057420.D

Acq: 20 Aug 2019 00:25

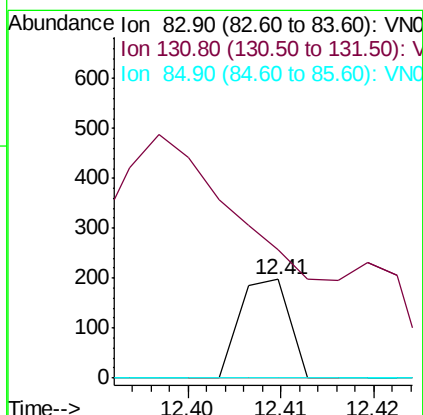
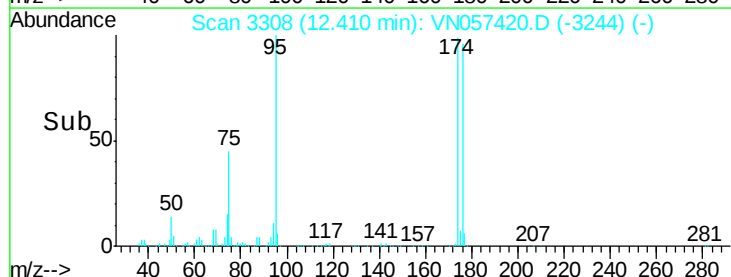
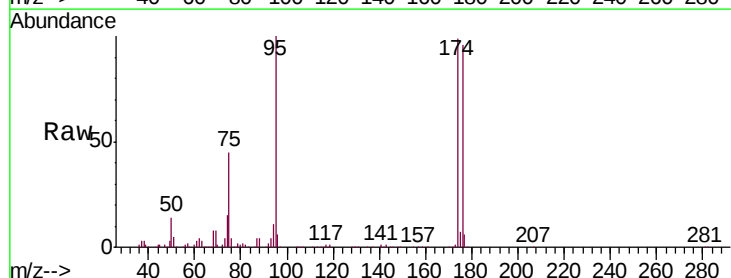
Tgt Ion: 83 Resp: 74

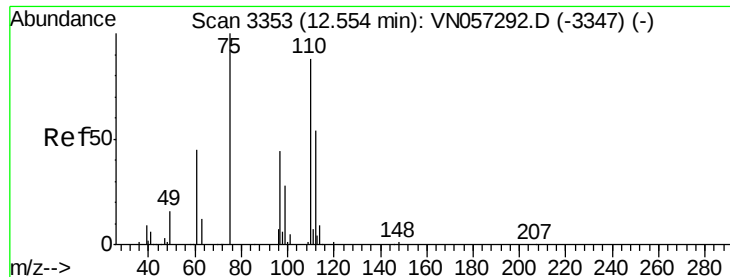
Ion Ratio Lower Upper

83 100

131 932.4 5.4 16.2#

85 0.0 32.3 96.9#





#76

1,2,3-Trichloropropane

Concen: 32.087 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN057420.D

Acq: 20 Aug 2019 00:25

Instrument :

MSVOA_N

ClientSampled :

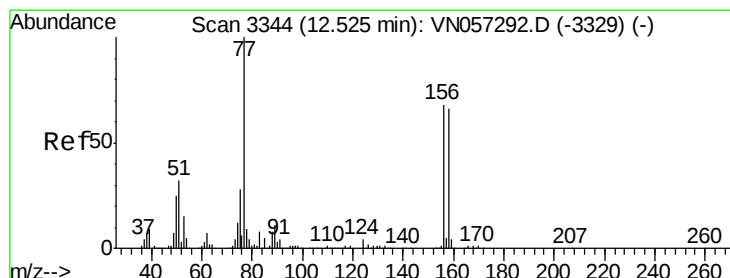
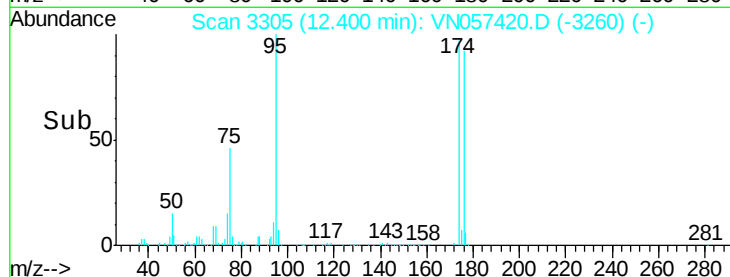
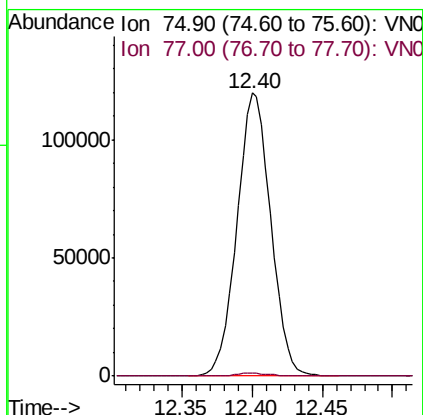
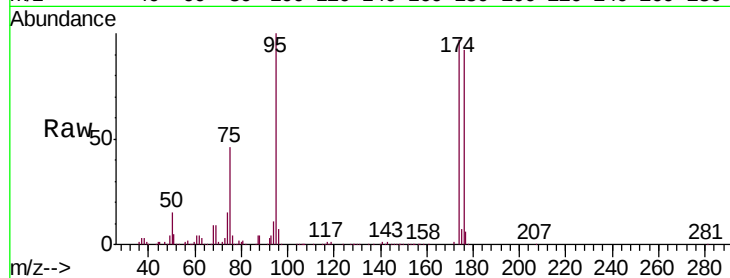
T8-E4-(0)

Tgt Ion: 75 Resp: 200615

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#77

Bromobenzene

Concen: Below Cal

RT: 12.54 min Scan# 3347

Delta R.T. 0.01 min

Lab File: VN057420.D

Acq: 20 Aug 2019 00:25

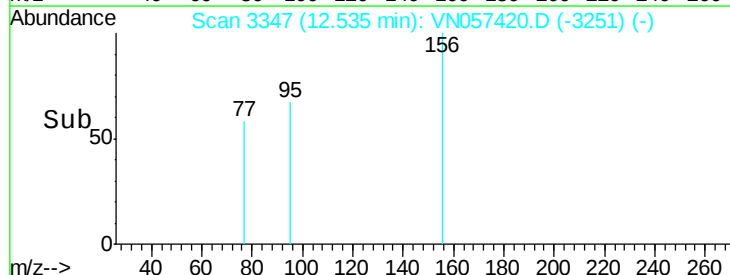
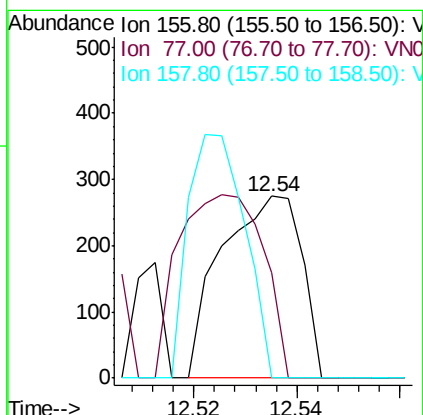
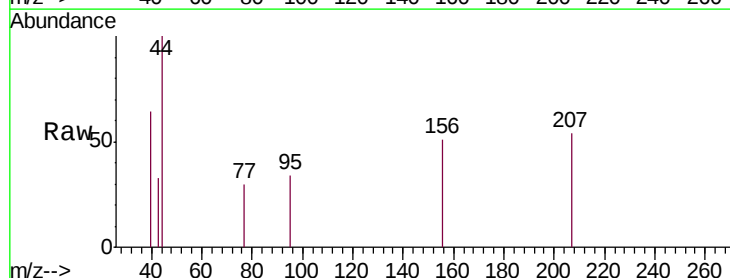
Tgt Ion: 156 Resp: 296

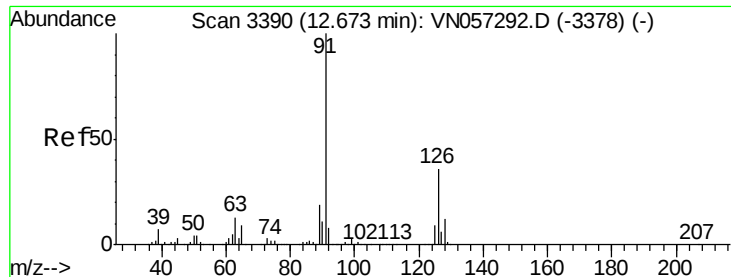
Ion Ratio Lower Upper

156 100

77 106.4 89.8 269.6

158 94.3 49.3 147.8





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN057420.D

Acq: 20 Aug 2019 00:25

Instrument :

MSVOA_N

ClientSampleId :

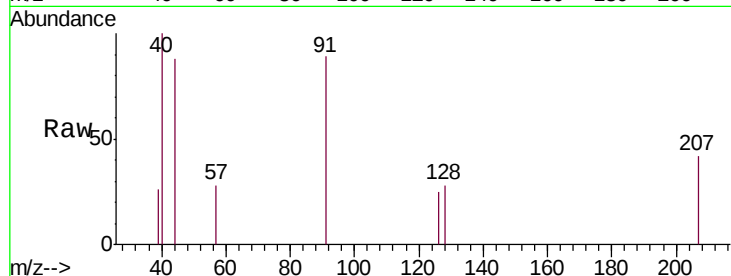
T8-E4-(0)

Tgt Ion: 91 Resp: 660

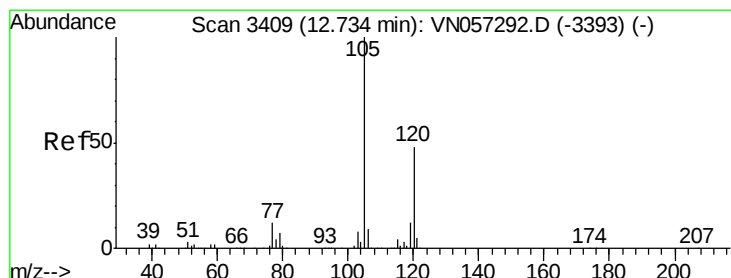
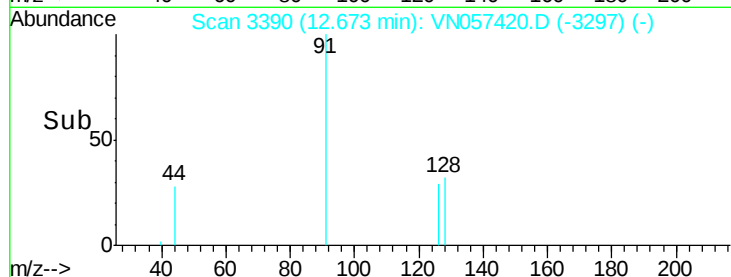
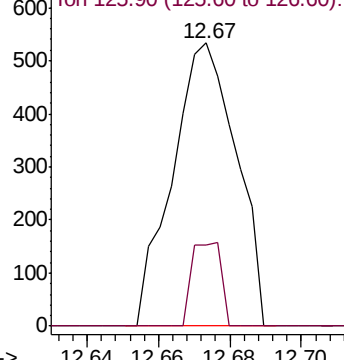
Ion Ratio Lower Upper

91 100

126 13.5 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: VN057420.D

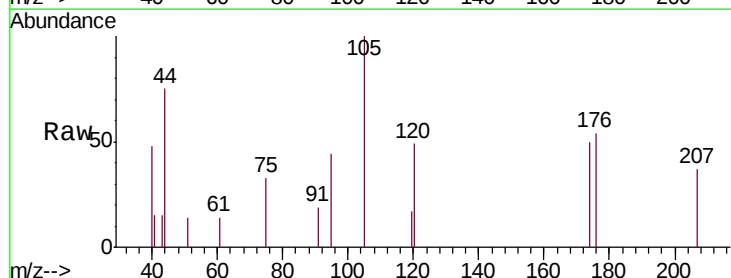
Acq: 20 Aug 2019 00:25

Tgt Ion: 105 Resp: 1719

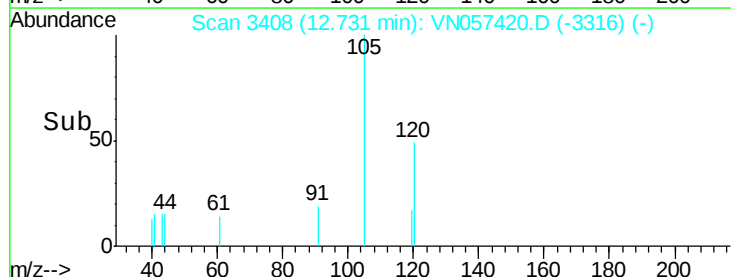
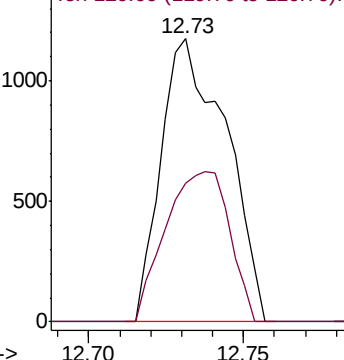
Ion Ratio Lower Upper

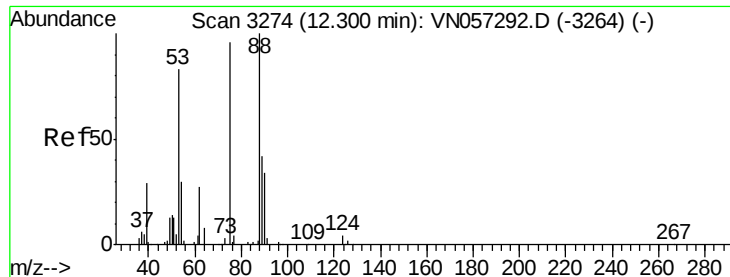
105 100

120 52.4 24.3 73.0



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





#81

trans-1,4-Dichloro-2-butene

Concen: 78.645 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN057420.D

Acq: 20 Aug 2019 00:25

Instrument :

MSVOA_N

ClientSampleId :

T8-E4-(0)

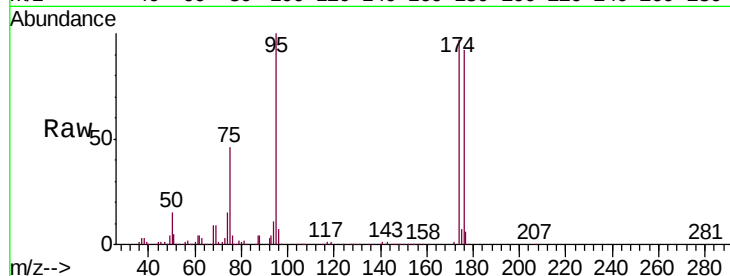
Tgt Ion: 75 Resp: 200615

Ion Ratio Lower Upper

75 100

53 0.0 67.9 101.9#

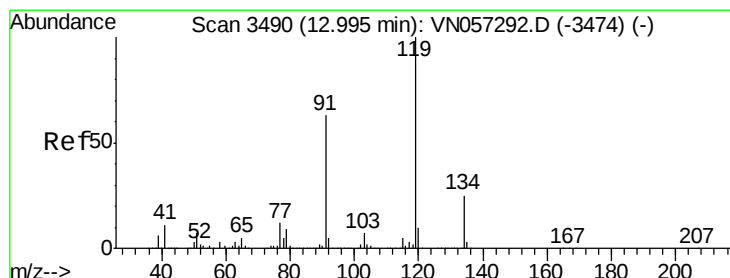
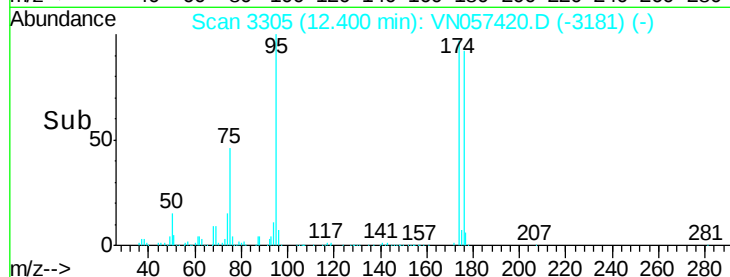
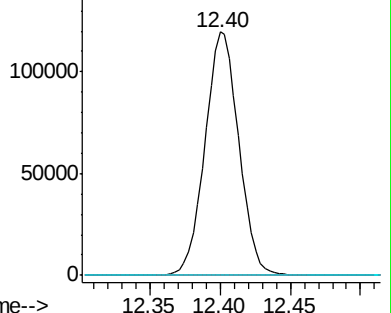
89 0.0 36.2 54.4#



Abundance Ion 74.90 (74.60 to 75.60): VN057420.D (-3305) (-)

Ion 53.00 (52.70 to 53.70): VN057420.D (-3305) (-)

Ion 88.90 (88.60 to 89.60): VN057420.D (-3305) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.98 min Scan# 3486

Delta R.T. -0.01 min

Lab File: VN057420.D

Acq: 20 Aug 2019 00:25

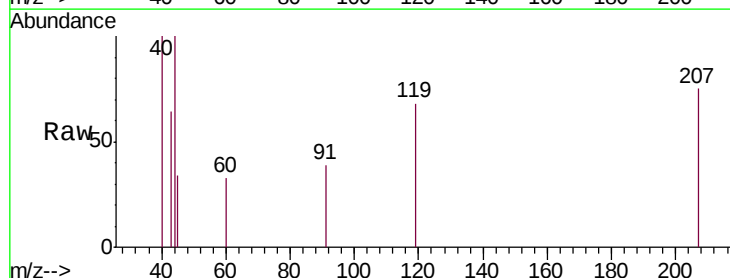
Tgt Ion: 119 Resp: 296

Ion Ratio Lower Upper

119 100

91 128.7 31.3 93.8#

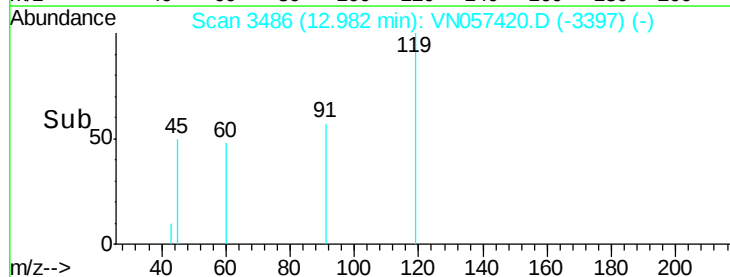
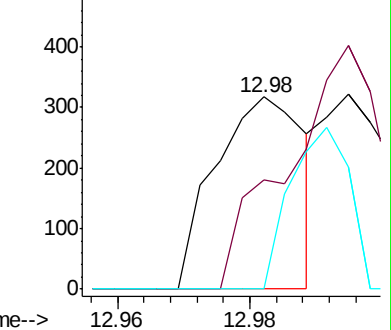
134 55.7 13.1 39.1#

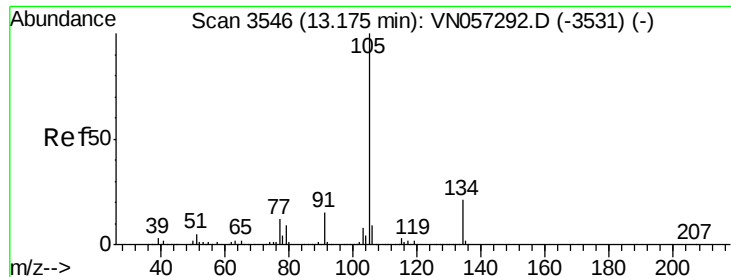


Abundance Ion 119.00 (118.70 to 119.70): VN057420.D (-3486) (-)

Ion 91.00 (90.70 to 91.70): VN057420.D (-3486) (-)

Ion 134.00 (133.70 to 134.70): VN057420.D (-3486) (-)

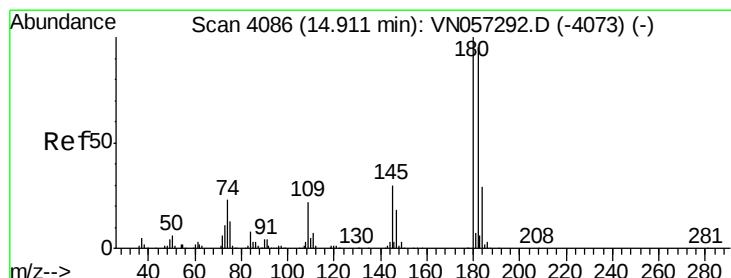
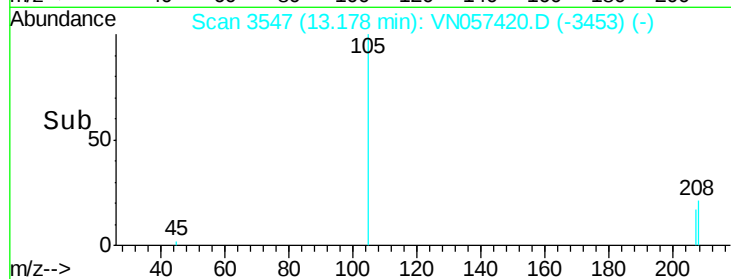
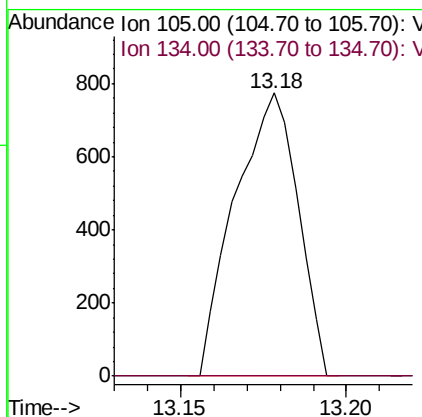
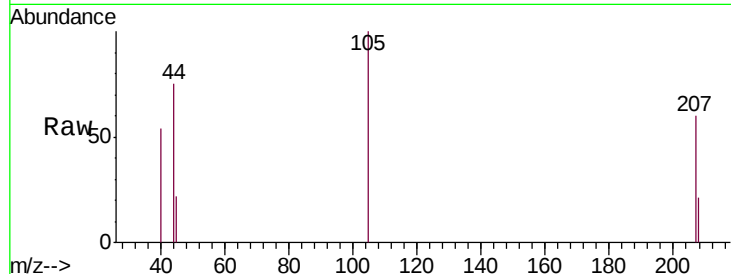




#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.18 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN057420.D
 Acq: 20 Aug 2019 00:25

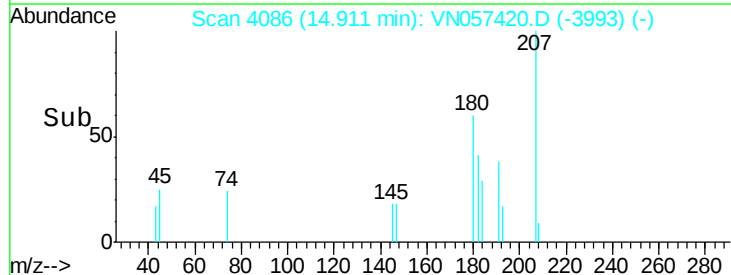
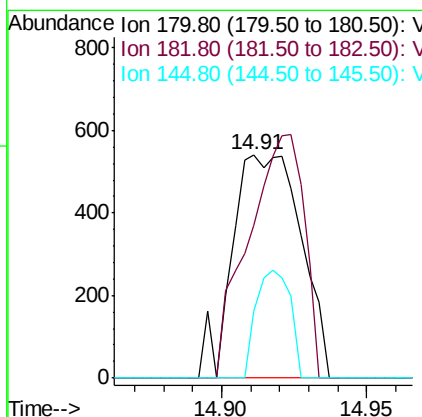
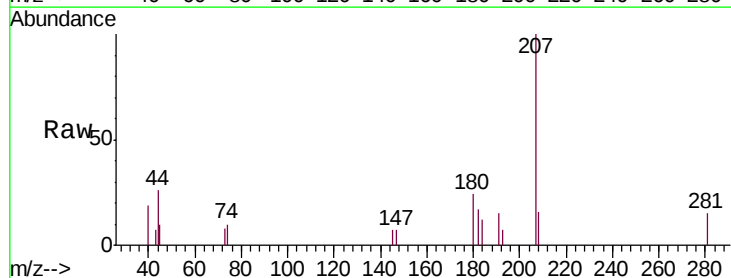
Instrument :
 MSVOA_N
 ClientSampleId :
 T8-E4-(0)

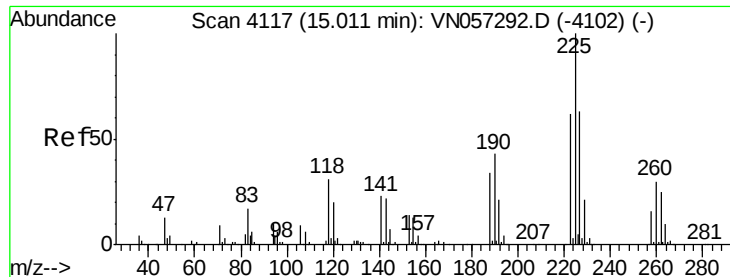
Tgt Ion:105 Resp: 1024
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.2#



#93
 1,2,4-Trichlorobenzene
 Concen: 5.552 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN057420.D
 Acq: 20 Aug 2019 00:25

Tgt Ion:180 Resp: 891
 Ion Ratio Lower Upper
 180 100
 182 88.1 48.0 144.2
 145 24.0 14.5 43.6

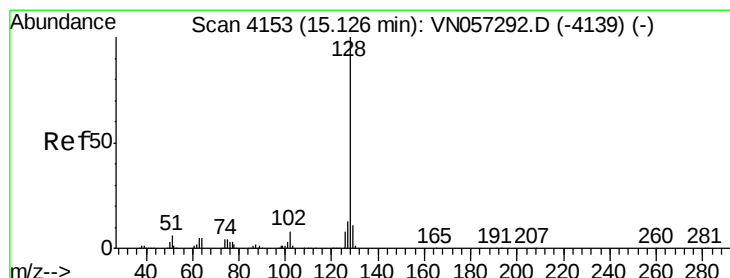
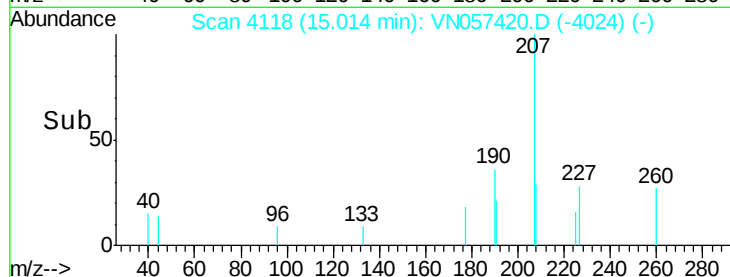
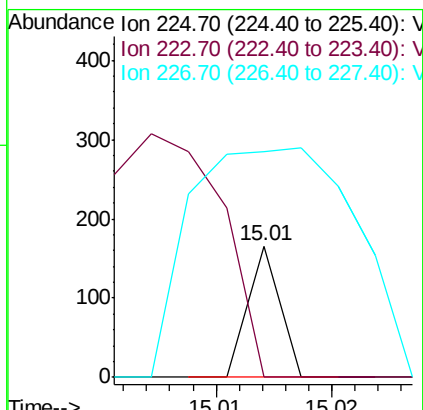
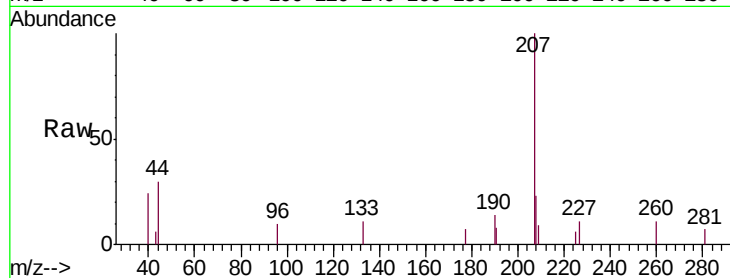




#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.01 min Scan# 4118
Delta R.T. 0.00 min
Lab File: VN057420.D
Acq: 20 Aug 2019 00:25

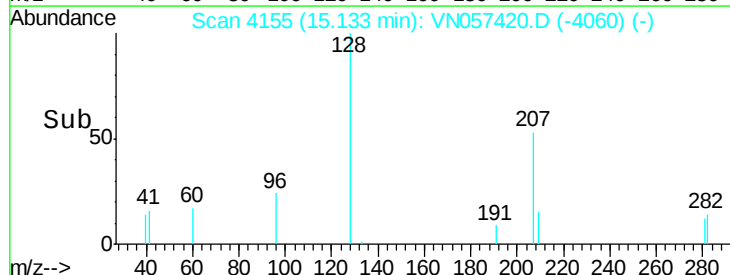
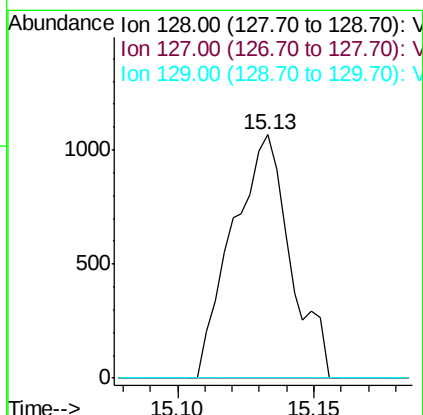
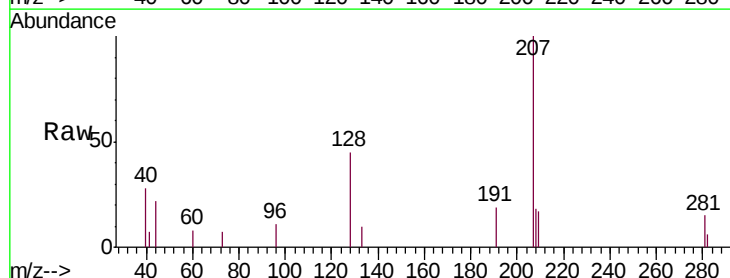
Instrument :
MSVOA_N
ClientSampled :
T8-E4-(0)

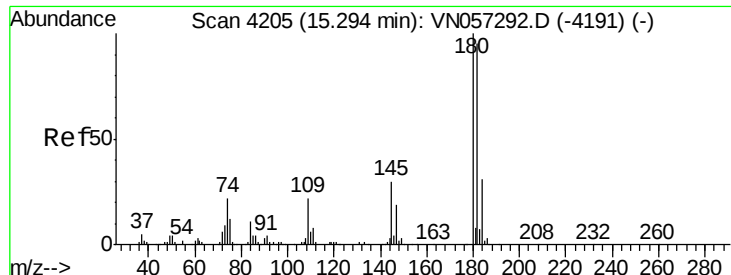
Tgt Ion: 225 Resp: 32
Ion Ratio Lower Upper
225 100
223 637.5 30.7 92.1#
227 893.8 30.9 92.7#



#95
Naphthalene
Concen: Below Cal
RT: 15.13 min Scan# 4155
Delta R.T. 0.01 min
Lab File: VN057420.D
Acq: 20 Aug 2019 00:25

Tgt Ion: 128 Resp: 1567
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.8 13.2#

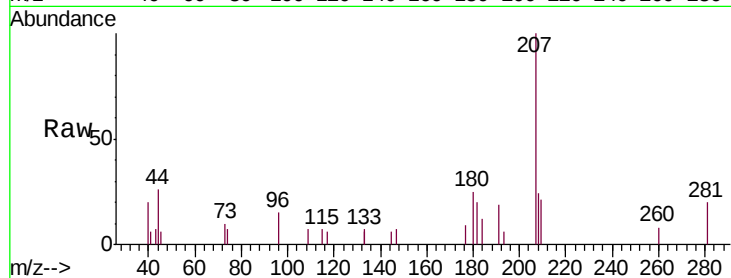




#96
 1,2,3-Trichlorobenzene
 Concen: Below Cal
 RT: 15.30 min Scan# 4207
 Delta R.T. 0.01 min
 Lab File: VN057420.D
 Acq: 20 Aug 2019 00:25

Instrument :
 MSVOA_N
 ClientSampleId :
 T8-E4-(0)

Tgt Ion:180 Resp: 921
 Ion Ratio Lower Upper
 180 100
 182 122.0 47.9 143.6
 145 18.6 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

