

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081919\
 Data File : VN057418.D
 Acq On : 19 Aug 2019 23:37
 Operator : JC/SP
 Sample : K4386-21
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T8-E2-(0)

Quant Time: Aug 20 08:49:04 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	923689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1271315	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1055744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	266758	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	415853	41.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.82%	
35) Dibromofluoromethane	7.58	113	382588	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	
50) Toluene-d8	10.08	98	1462502	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
62) 4-Bromofluorobenzene	12.40	95	382099	35.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.94%	

Target Compounds					Qvalue	
5) Bromomethane	2.56	94	1536	0.244	ug/l	92
11) Tert butyl alcohol	4.73	59	5749	4.027	ug/l #	73
16) Acetone	3.81	43	4639	1.332	ug/l	98
17) Carbon Disulfide	4.05	76	4927	0.226	ug/l #	92
18) Methyl Acetate	4.32	43	22308	Below Cal		97
20) Methylene Chloride	4.54	84	4034	0.414	ug/l #	90
29) Tetrahydrofuran	7.20	42	893	0.280	ug/l #	42
31) Cyclohexane	7.66	56	13456	0.983	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	55233	4.921	ug/l #	48
38) Carbon Tetrachloride	7.66	117	78311	6.715	ug/l #	16
43) Isopropyl Acetate	8.16	43	162934	8.760	ug/l #	83
45) 1,2-Dichloropropane	9.26	63	2790	0.315	ug/l #	44
48) Methyl methacrylate	9.18	41	6527	0.862	ug/l #	11
49) 1,4-Dioxane	9.20	88	61	0.383	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	9941	1.048	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	64689	4.636	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	9648	0.687	ug/l #	43
59) 2-Hexanone	10.76	43	119262	17.490	ug/l #	53
73) Isopropylbenzene	12.25	105	3005	Below Cal		88
74) N-amyl acetate	12.07	43	2156	0.279	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.51	83	576	Below Cal	#	38
76) 1,2,3-Trichloropropane	12.40	75	171607	32.000	ug/l #	100
77) Bromobenzene	12.53	156	1285	Below Cal		97
79) 2-Chlorotoluene	12.68	91	3025	Below Cal		88
80) 1,3,5-Trimethylbenzene	12.73	105	4609	Below Cal		100
81) trans-1,4-Dichloro-2-buten	12.40	75	171607	78.443	ug/l #	15
82) 4-Chlorotoluene	12.78	91	4369	0.287	ug/l	96
83) tert-Butylbenzene	12.99	119	2731	Below Cal		99
85) sec-Butylbenzene	13.17	105	4607	Below Cal		93
86) p-Isopropyltoluene	13.29	119	4963	0.252	ug/l	95
87) 1,3-Dichlorobenzene	13.28	146	4267	0.457	ug/l	91
88) 1,4-Dichlorobenzene	13.28	146	4267	0.481	ug/l	91
89) n-Butylbenzene	13.62	91	4911	0.350	ug/l	94
90) Hexachloroethane	13.88	117	66	Below Cal	#	1

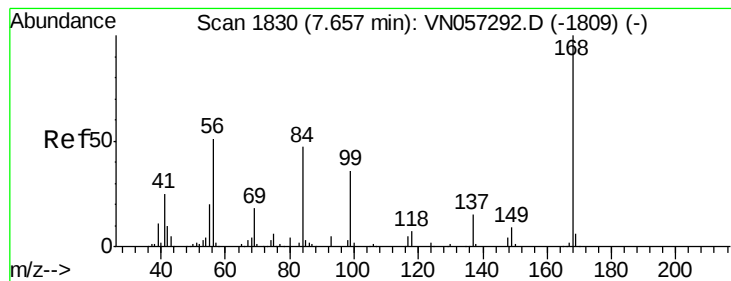
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081919\
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Quant Title : SW846 8260
QLast Update : Thu Aug 15 11:33:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	13.66	146	4068	0.467	ug/l	94
93) 1,2,4-Trichlorobenzene	14.91	180	3298	6.201	ug/l	85
94) Hexachlorobutadiene	15.01	225	1464	Below Cal		82
95) Naphthalene	15.13	128	6090	Below Cal	#	96
96) 1,2,3-Trichlorobenzene	15.30	180	3898	Below Cal		98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057418.D

Acq: 19 Aug 2019 23:37

Instrument :

MSVOA_N

ClientSampleId :

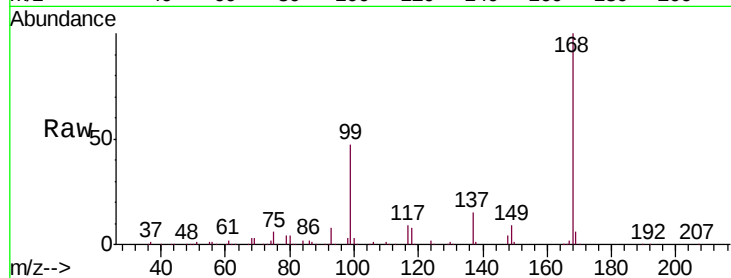
T8-E2-(0)

Tgt Ion:168 Resp: 923689

Ion Ratio Lower Upper

168 100

99 47.1 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

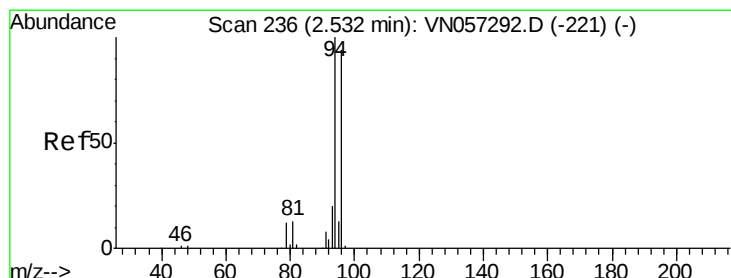
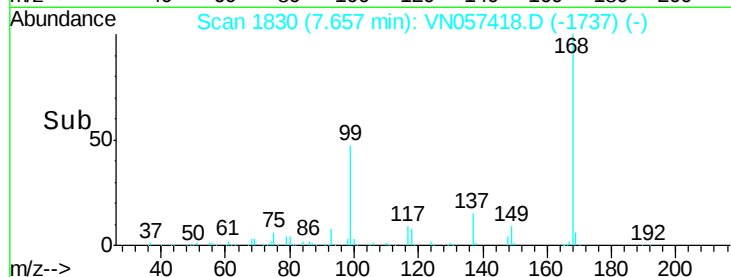
Time-->

7.50

7.60

7.70

7.80



#5

Bromomethane

Concen: 0.244 ug/l

RT: 2.56 min Scan# 245

Delta R.T. 0.03 min

Lab File: VN057418.D

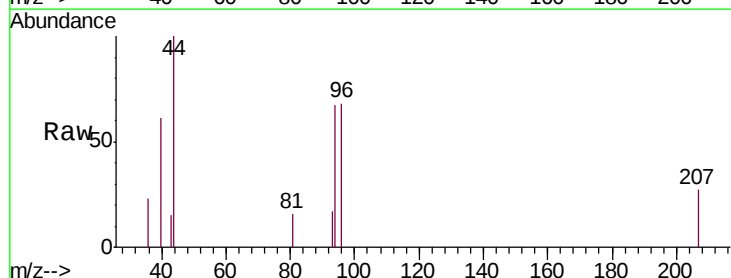
Acq: 19 Aug 2019 23:37

Tgt Ion: 94 Resp: 1536

Ion Ratio Lower Upper

94 100

96 101.1 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.56

800

600

400

200

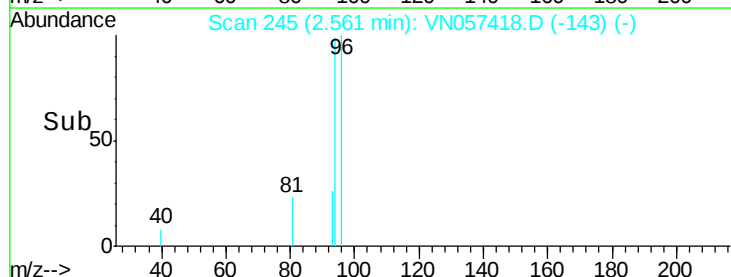
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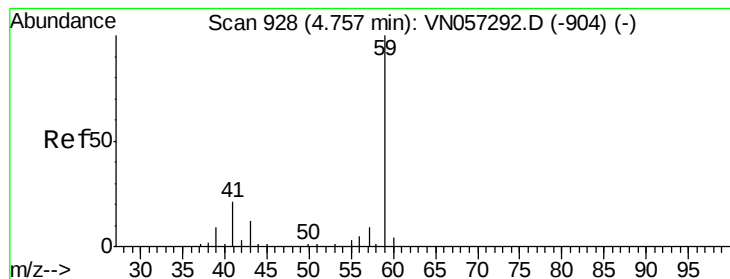
Time-->

2.50

2.55

2.60



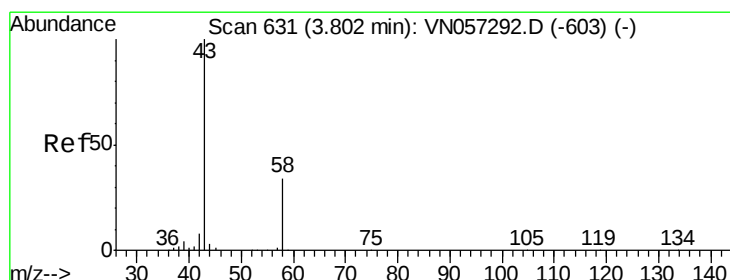
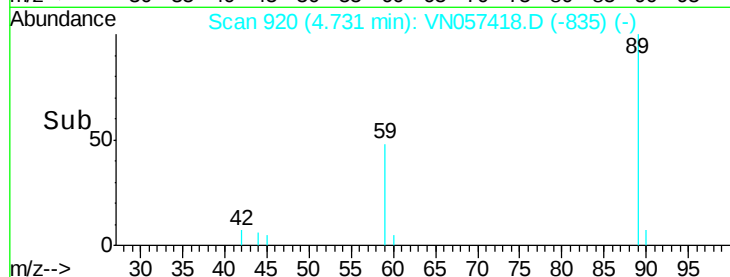
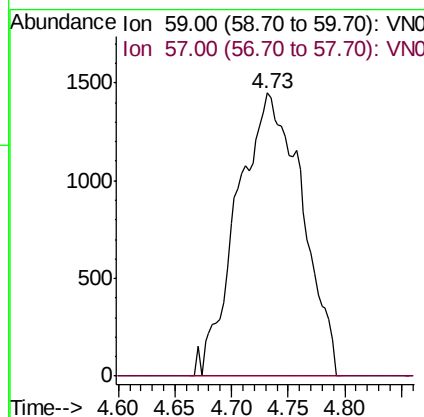
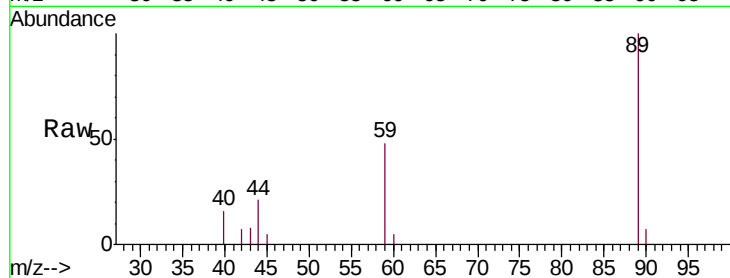


#11

Tert butyl alcohol
 Concen: 4.027 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.03 min
 Lab File: VN057418.D
 Acq: 19 Aug 2019 23:37

Instrument :
 MSVOA_N
 ClientSampled :
 T8-E2-(0)

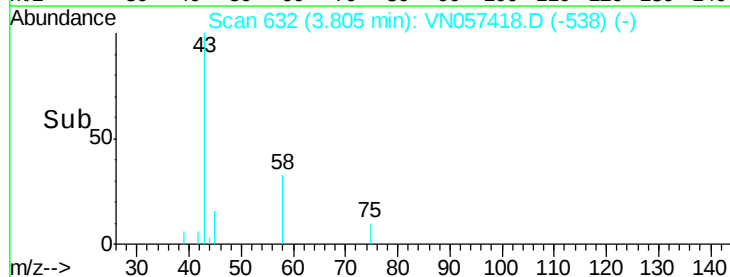
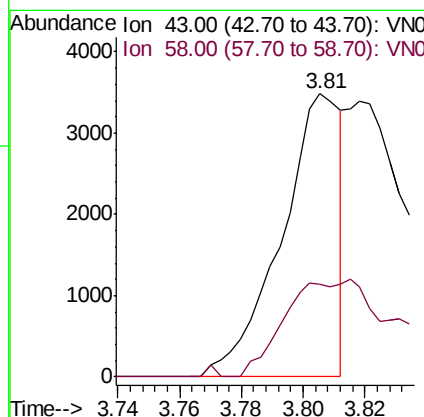
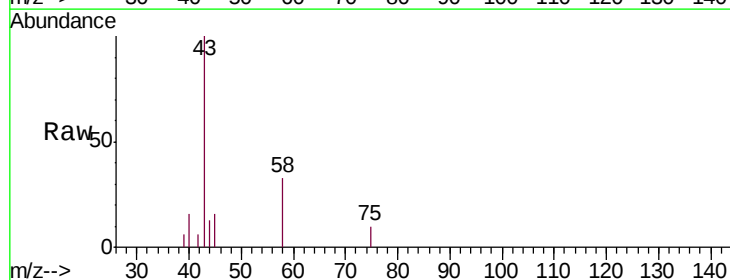
Tgt Ion: 59 Resp: 5749
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

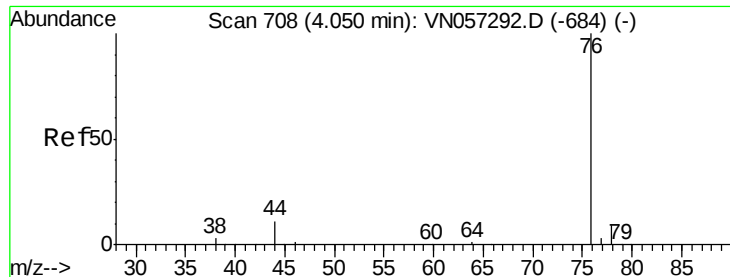


#16

Acetone
 Concen: 1.332 ug/l
 RT: 3.81 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: VN057418.D
 Acq: 19 Aug 2019 23:37

Tgt Ion: 43 Resp: 4639
 Ion Ratio Lower Upper
 43 100
 58 32.8 27.0 40.6

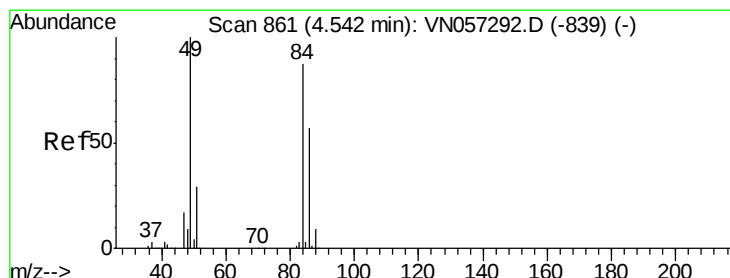
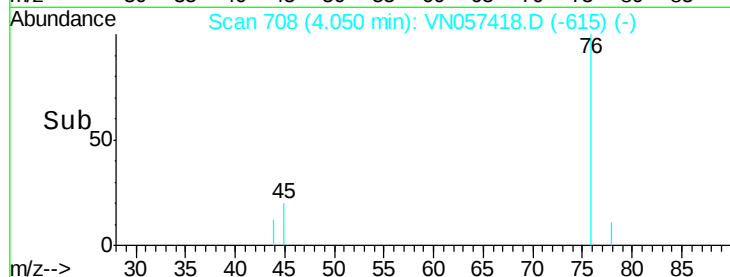
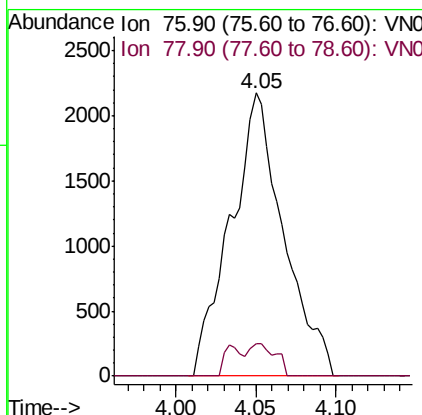
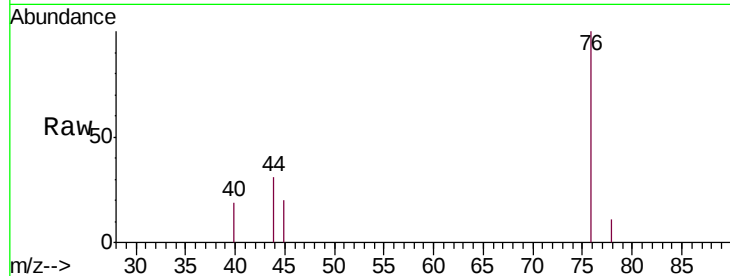




#17
Carbon Disulfide
Concen: 0.226 ug/l
RT: 4.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN057418.D
Acq: 19 Aug 2019 23:37

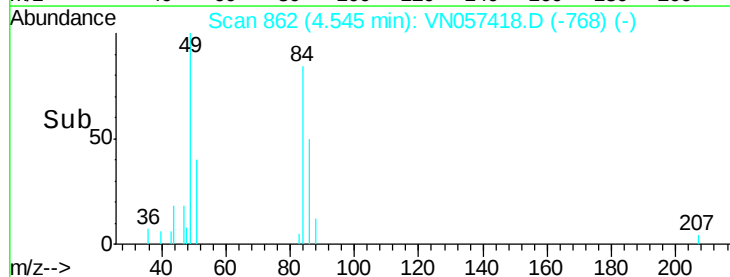
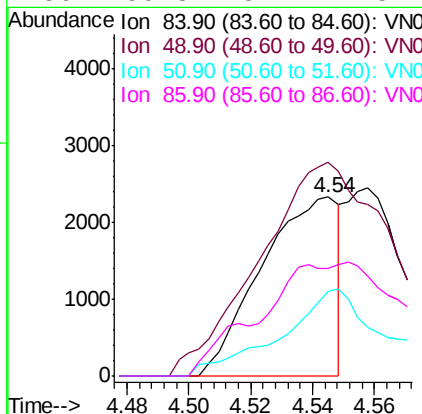
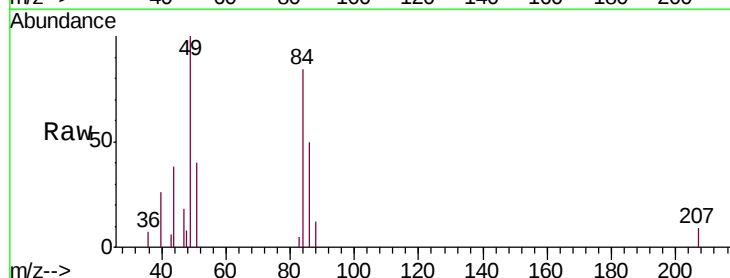
Instrument :
MSVOA_N
ClientSampleId :
T8-E2-(0)

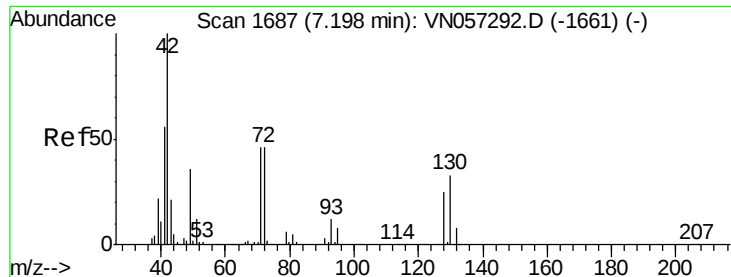
Tgt Ion: 76 Resp: 4927
Ion Ratio Lower Upper
76 100
78 11.5 7.0 10.6#



#20
Methylene Chloride
Concen: 0.414 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN057418.D
Acq: 19 Aug 2019 23:37

Tgt Ion: 84 Resp: 4034
Ion Ratio Lower Upper
84 100
49 106.4 92.0 138.0
51 47.5 27.1 40.7#
86 59.8 52.2 78.2

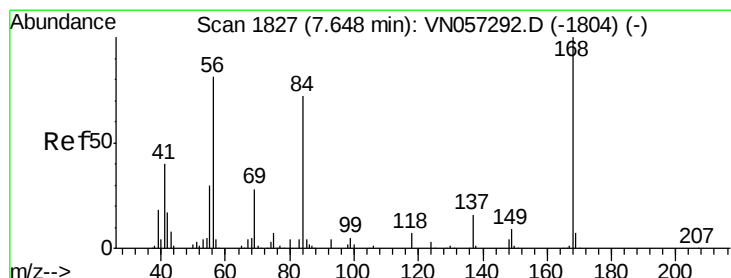
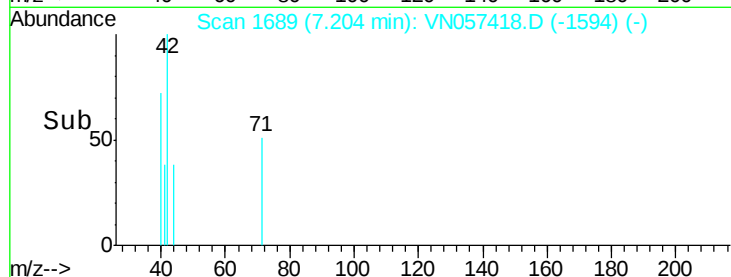
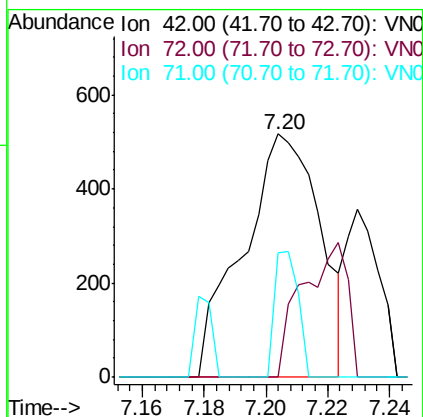
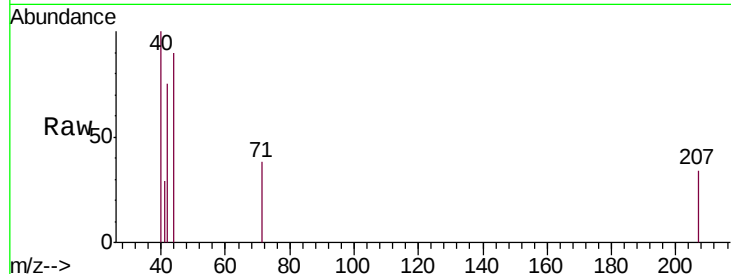




#29
Tetrahydrofuran
Concen: 0.280 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VN057418.D
Acq: 19 Aug 2019 23:37

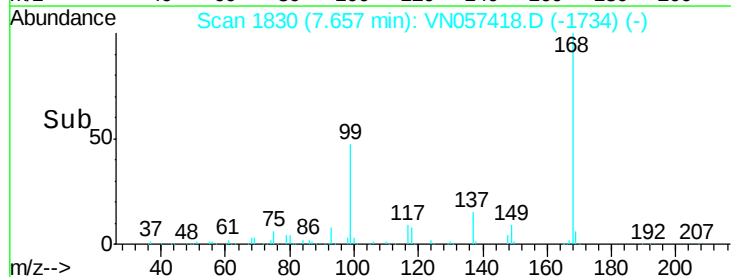
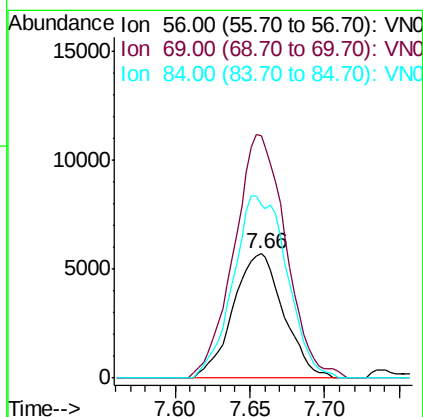
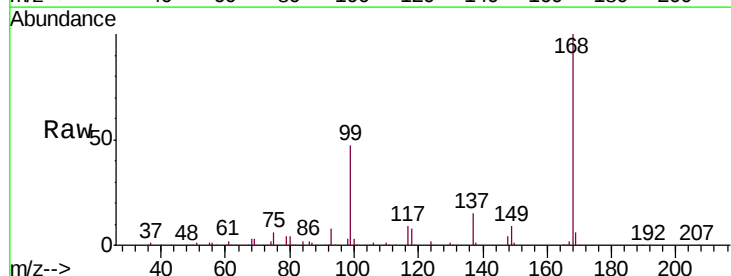
Instrument :
MSVOA_N
ClientSampleId :
T8-E2-(0)

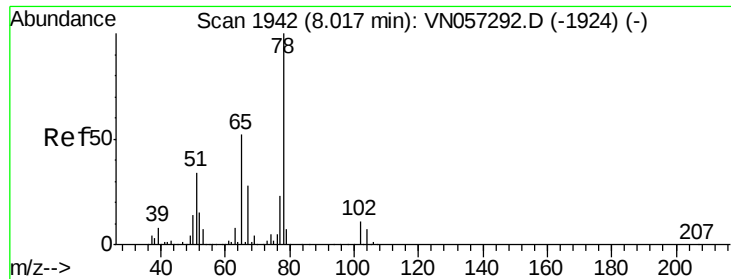
Tgt Ion: 42 Resp: 893
Ion Ratio Lower Upper
42 100
72 0.0 37.8 56.6#
71 15.2 35.7 53.5#



#31
Cyclohexane
Concen: 0.983 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN057418.D
Acq: 19 Aug 2019 23:37

Tgt Ion: 56 Resp: 13456
Ion Ratio Lower Upper
56 100
69 195.5 27.3 40.9#
84 139.6 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 41.413 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057418.D

Acq: 19 Aug 2019 23:37

Instrument :

MSVOA_N

ClientSampleId :

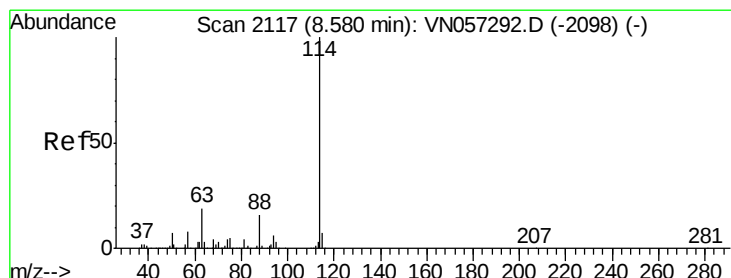
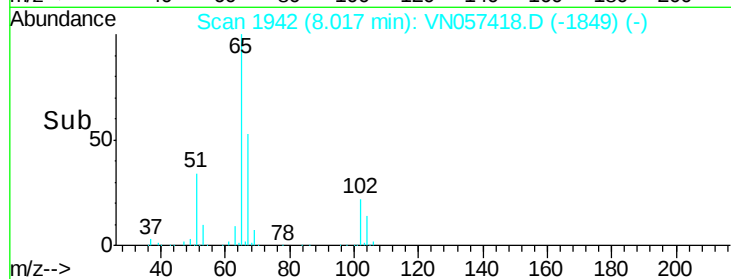
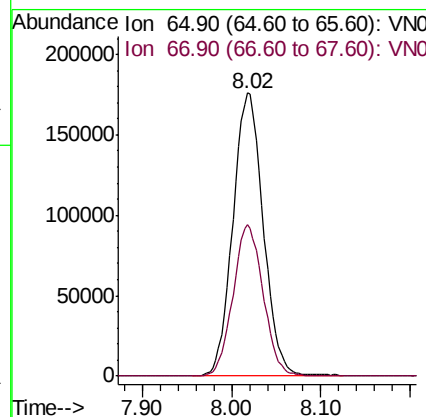
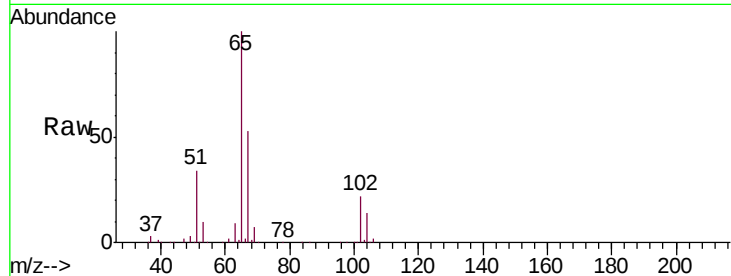
T8-E2-(0)

Tgt Ion: 65 Resp: 415853

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. -0.00 min

Lab File: VN057418.D

Acq: 19 Aug 2019 23:37

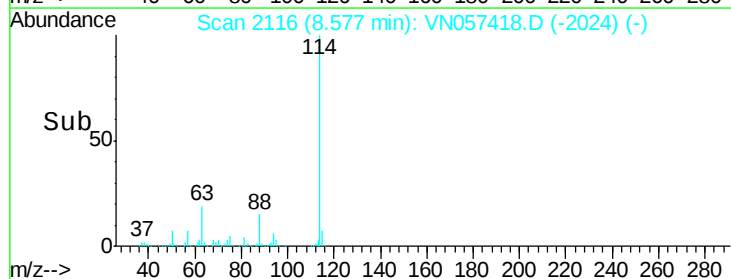
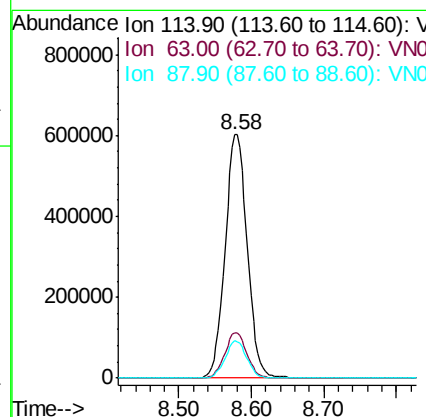
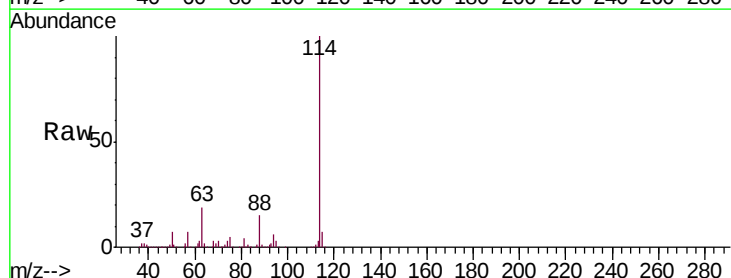
Tgt Ion: 114 Resp: 1271315

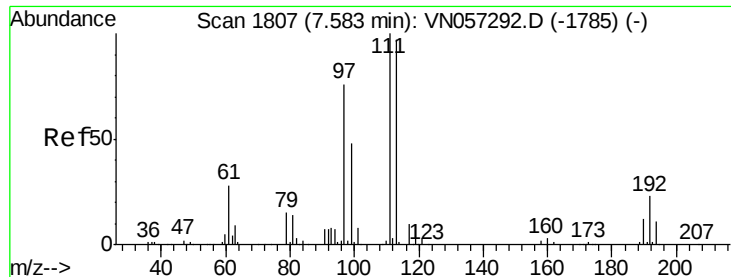
Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.8

88 15.2 0.0 31.4

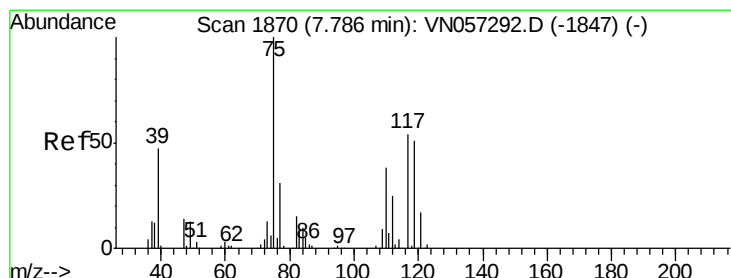
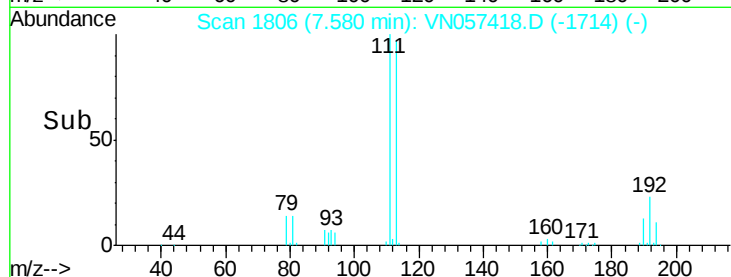
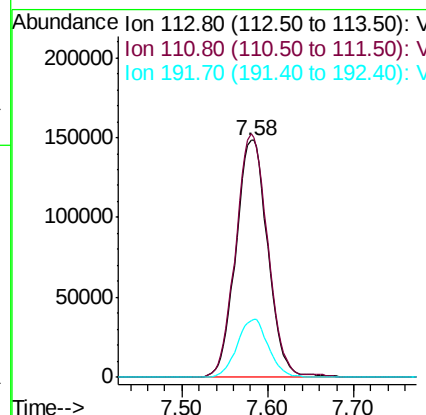
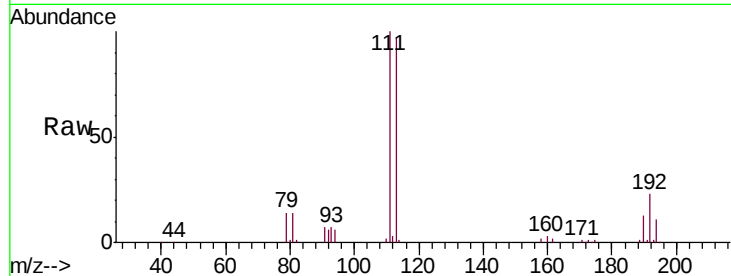




#35
 Dibromofluoromethane
 Concen: 45.908 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN057418.D
 Acq: 19 Aug 2019 23:37

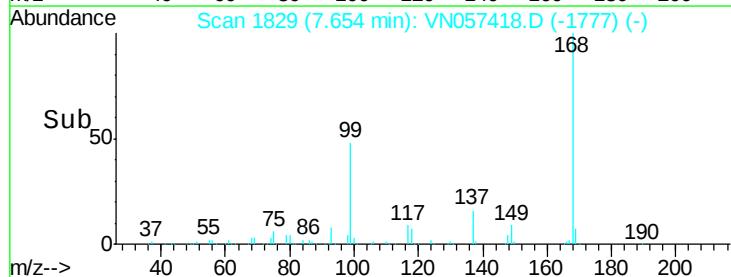
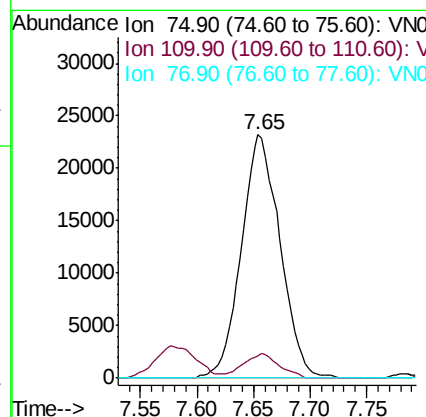
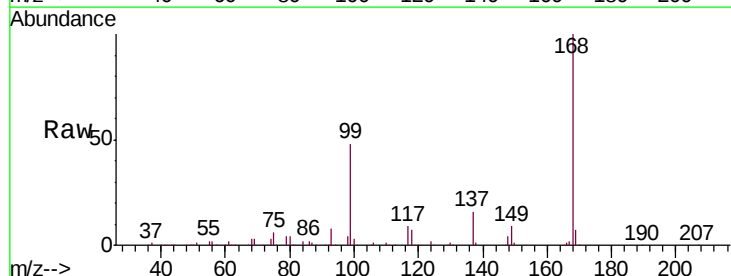
Instrument :
 MSVOA_N
 ClientSampleId :
 T8-E2-(0)

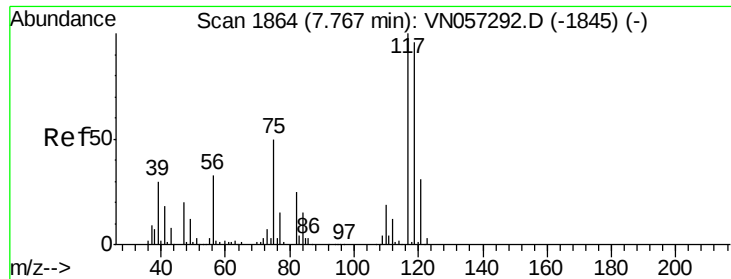
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.1	123.1
192	24.0	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 4.921 ug/l
 RT: 7.65 min Scan# 1829
 Delta R.T. -0.13 min
 Lab File: VN057418.D
 Acq: 19 Aug 2019 23:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	19.5	58.5#
77	0.0	25.0	37.6#





#38

Carbon Tetrachloride

Concen: 6.715 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN057418.D

Acq: 19 Aug 2019 23:37

Instrument :

MSVOA_N

ClientSampled :

T8-E2-(0)

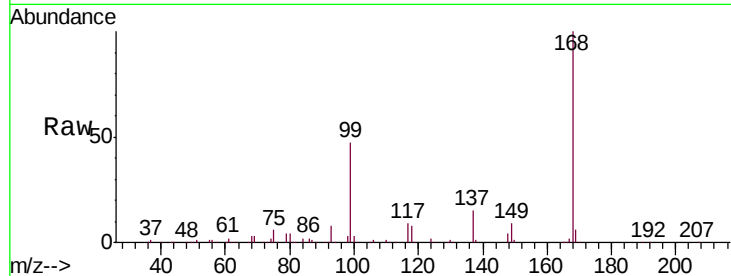
Tgt Ion:117 Resp: 78311

Ion Ratio Lower Upper

117 100

119 5.1 76.8 115.2#

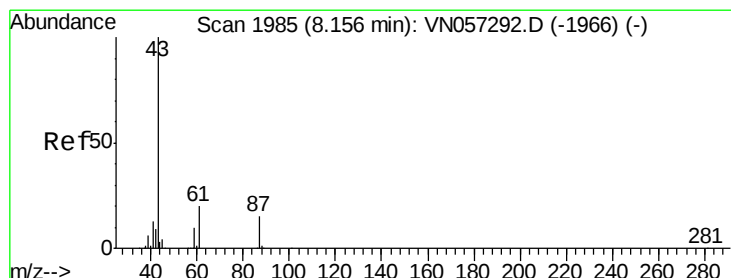
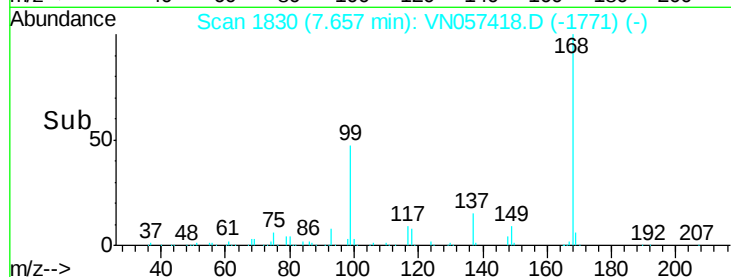
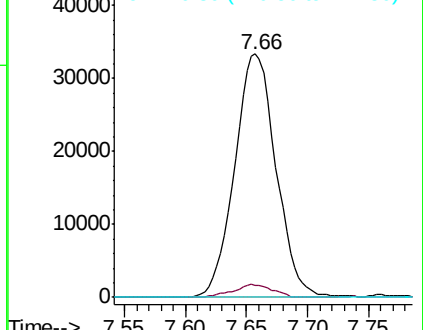
121 0.0 25.0 37.4#



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: 8.760 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057418.D

Acq: 19 Aug 2019 23:37

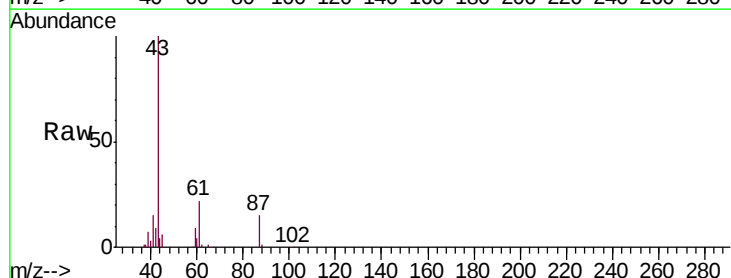
Tgt Ion: 43 Resp: 162934

Ion Ratio Lower Upper

43 100

61 15.5 21.6 32.4#

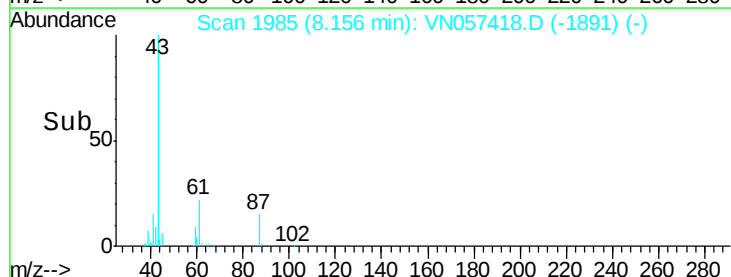
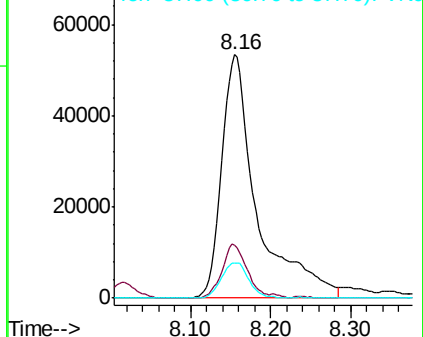
87 11.1 11.4 17.0#

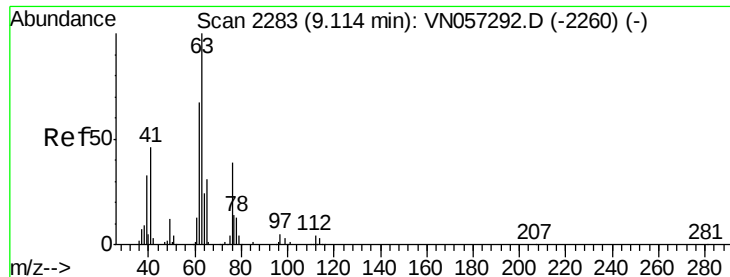


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

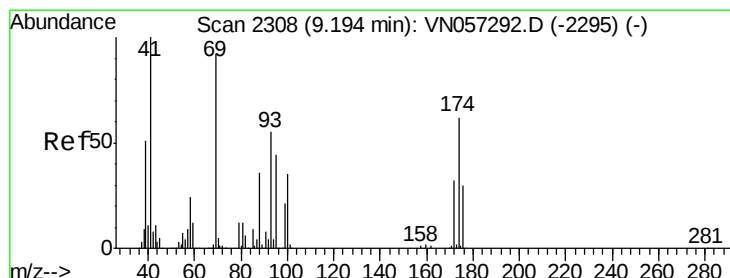
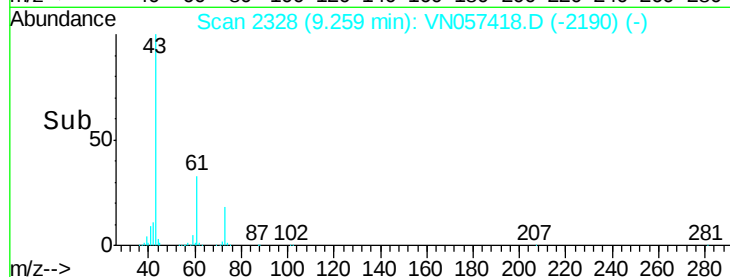
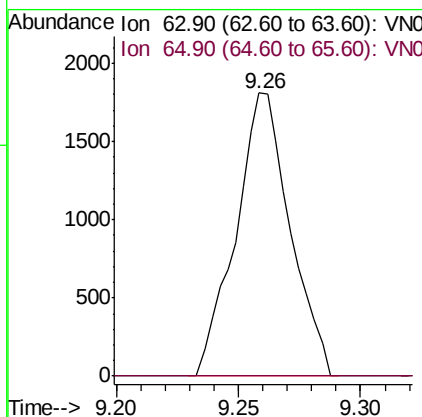
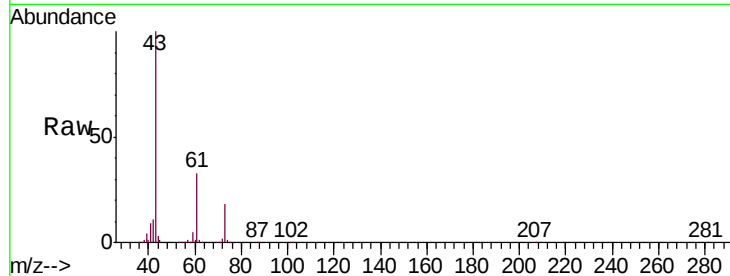




#45
 1,2-Dichloropropane
 Concen: 0.315 ug/l
 RT: 9.26 min Scan# 2328
 Delta R.T. 0.14 min
 Lab File: VN057418.D
 Acq: 19 Aug 2019 23:37

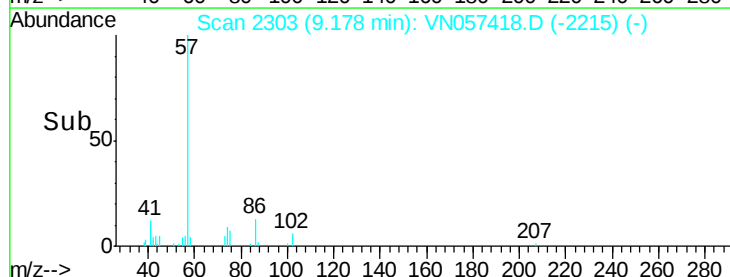
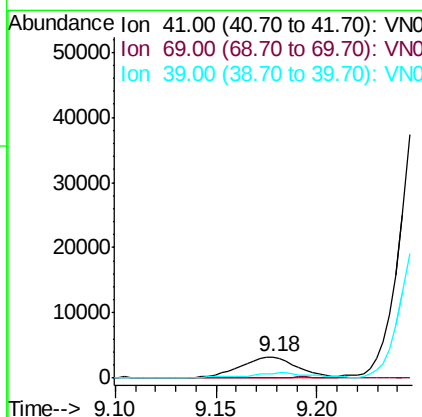
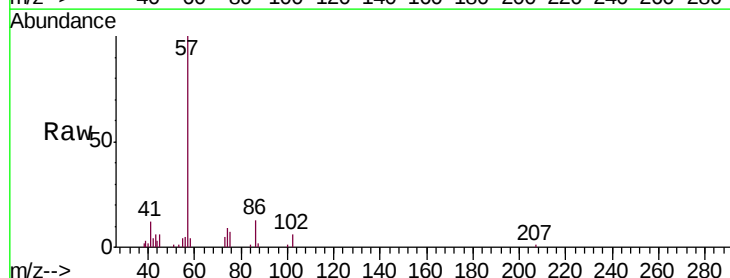
Instrument :
 MSVOA_N
 ClientSampleId :
 T8-E2-(0)

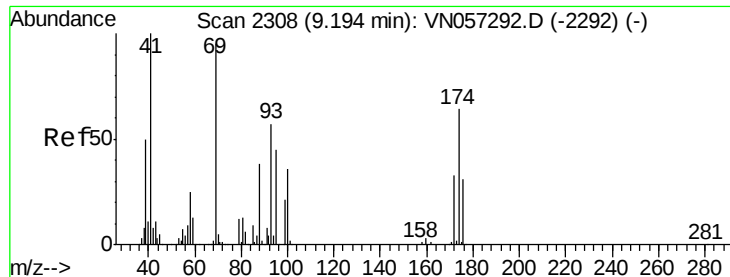
Tgt Ion: 63 Resp: 2790
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.8 37.2#



#48
 Methyl methacrylate
 Concen: 0.862 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: VN057418.D
 Acq: 19 Aug 2019 23:37

Tgt Ion: 41 Resp: 6527
 Ion Ratio Lower Upper
 41 100
 69 1.0 75.9 113.9#
 39 0.0 42.3 63.5#

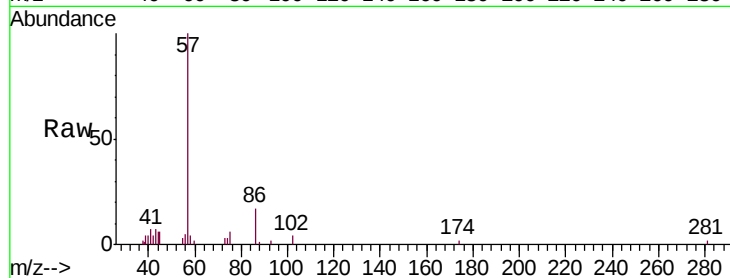




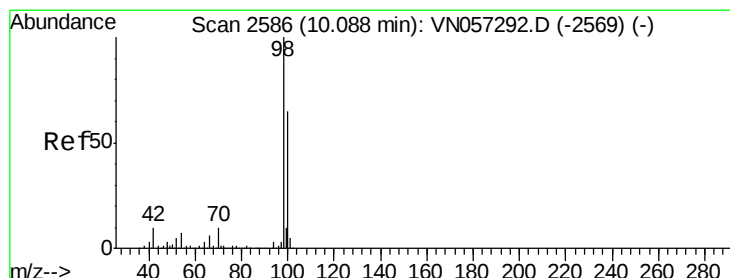
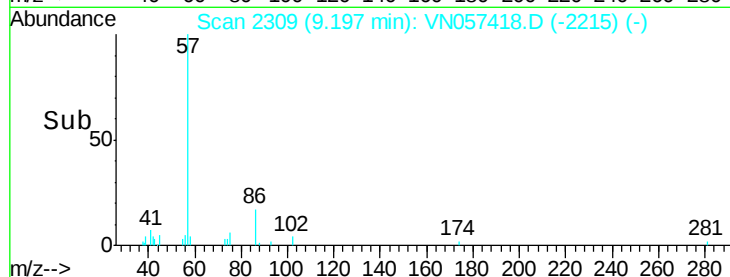
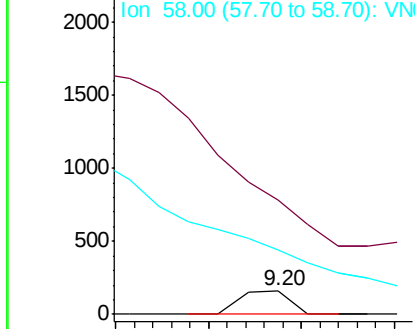
#49
1,4-Dioxane
Concen: 0.383 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN057418.D
Acq: 19 Aug 2019 23:37

Instrument :
MSVOA_N
ClientSampled :
T8-E2-(0)

Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
43 0.0 22.9 34.3#
58 3421.3 52.7 79.1#

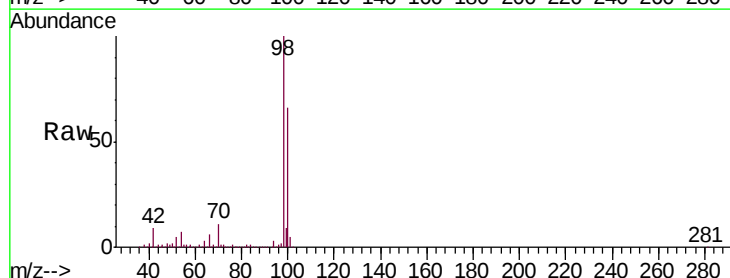


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

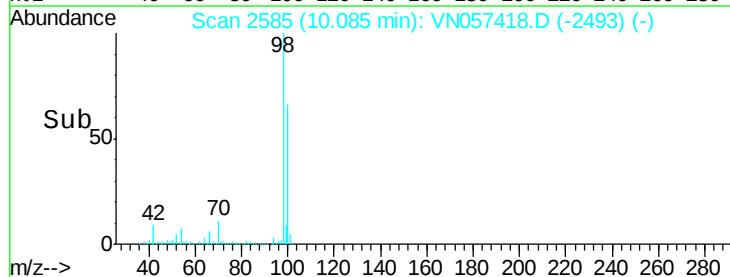
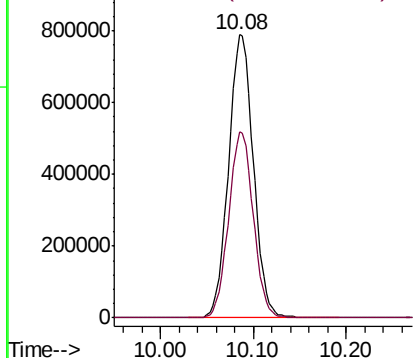


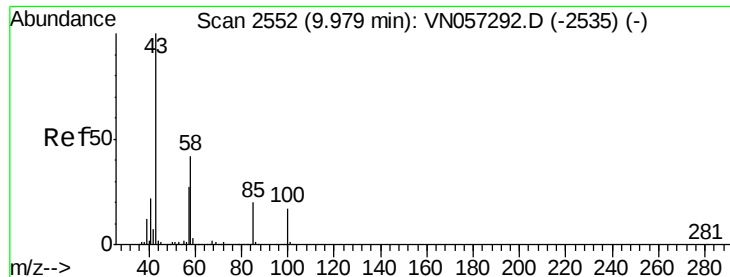
#50
Toluene-d8
Concen: 47.981 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN057418.D
Acq: 19 Aug 2019 23:37

Tgt Ion: 98 Resp: 1462502
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

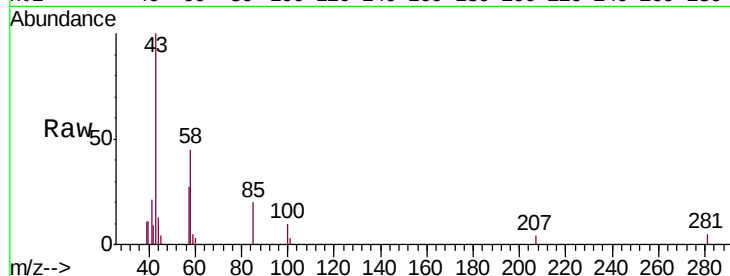




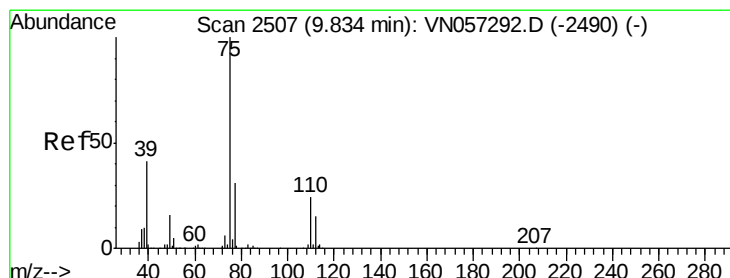
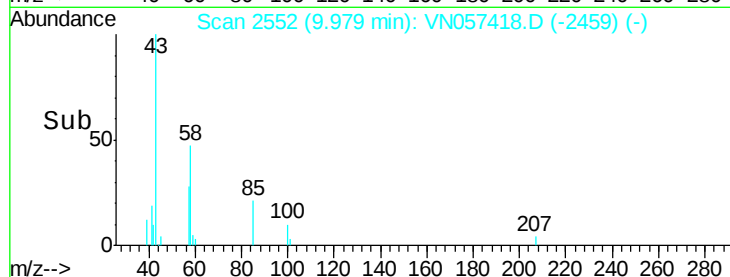
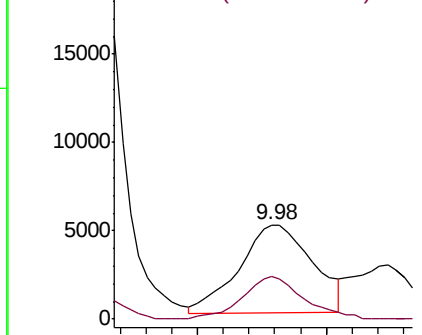
#51
 4-Methyl-2-Pentanone
 Concen: 1.048 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: VN057418.D
 Acq: 19 Aug 2019 23:37

Instrument :
 MSVOA_N
 ClientSampled :
 T8-E2-(0)

Tgt Ion: 43 Resp: 9941
 Ion Ratio Lower Upper
 43 100
 58 40.0 33.2 49.8

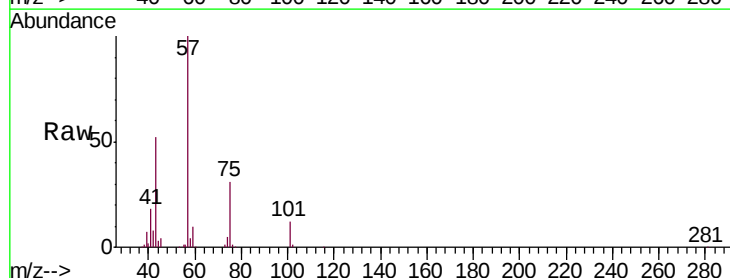


Abundance Ion 43.00 (42.70 to 43.70): VNC
 Ion 58.00 (57.70 to 58.70): VNC

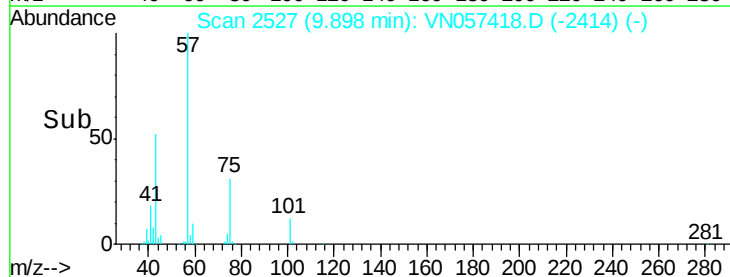
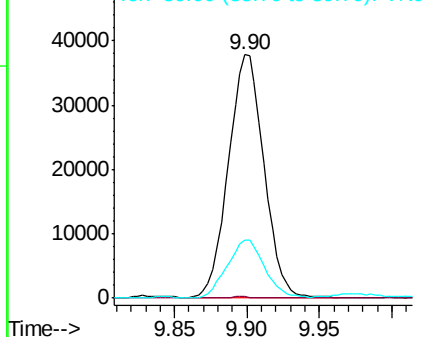


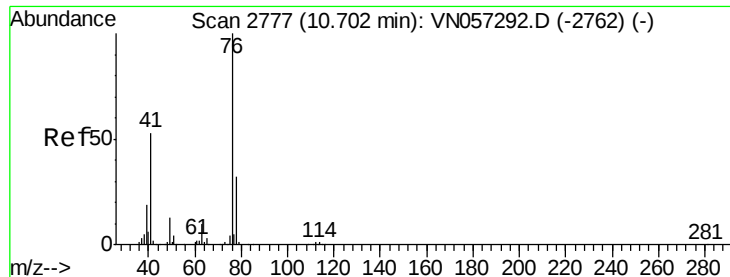
#54
 cis-1,3-Dichloropropene
 Concen: 4.636 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN057418.D
 Acq: 19 Aug 2019 23:37

Tgt Ion: 75 Resp: 64689
 Ion Ratio Lower Upper
 75 100
 77 0.5 24.9 37.3#
 39 24.0 32.7 49.1#



Abundance Ion 74.90 (74.60 to 75.60): VNC
 Ion 76.90 (76.60 to 77.60): VNC
 Ion 39.00 (38.70 to 39.70): VNC

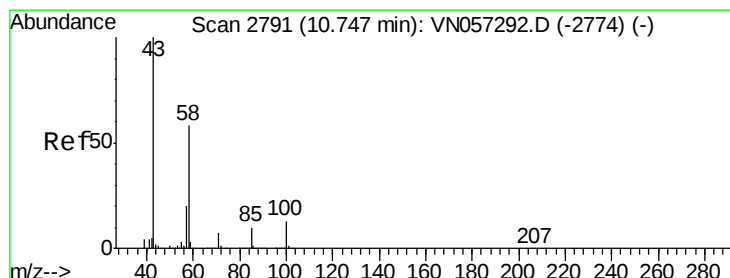
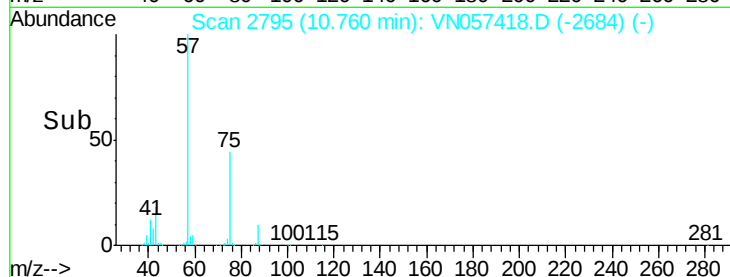
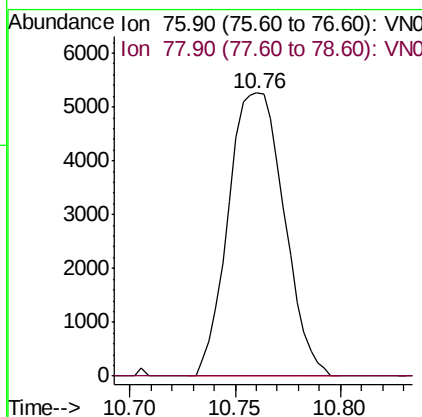
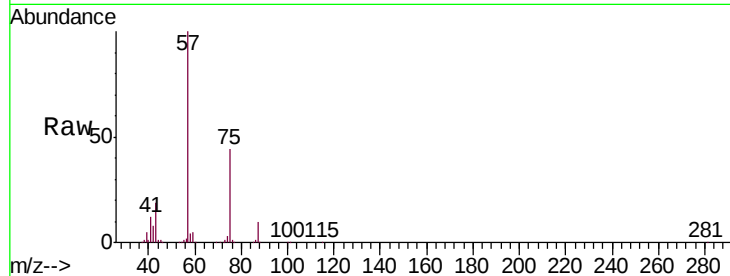




#57
 1,3-Dichloropropane
 Concen: 0.687 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.06 min
 Lab File: VN057418.D
 Acq: 19 Aug 2019 23:37

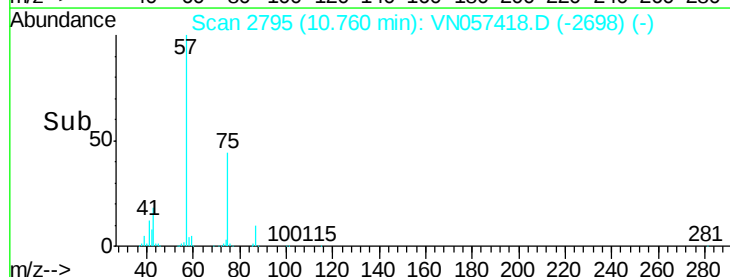
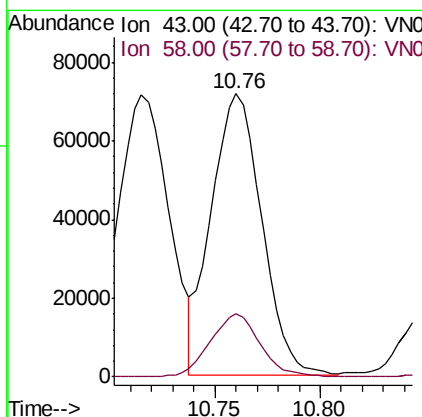
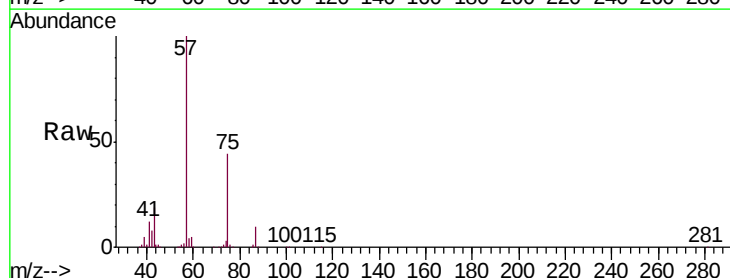
Instrument :
 MSVOA_N
 ClientSampled :
 T8-E2-(0)

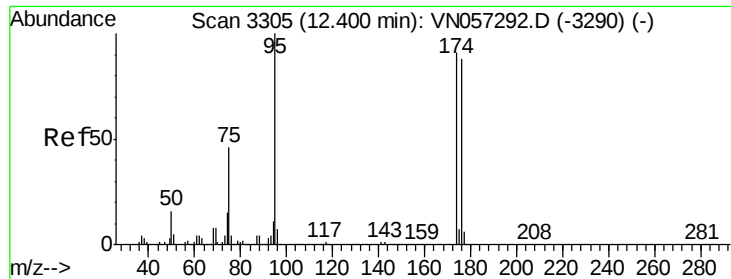
Tgt Ion: 76 Resp: 9648
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 17.490 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: VN057418.D
 Acq: 19 Aug 2019 23:37

Tgt Ion: 43 Resp: 119262
 Ion Ratio Lower Upper
 43 100
 58 22.4 28.6 85.9#





#62

4-Bromofluorobenzene

Concen: 35.472 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057418.D

Acq: 19 Aug 2019 23:37

Instrument :

MSVOA_N

ClientSampleId :

T8-E2-(0)

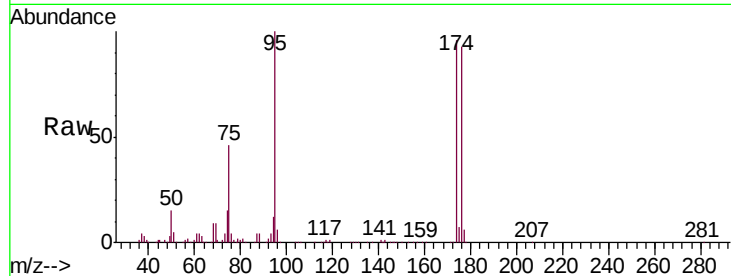
Tgt Ion: 95 Resp: 382099

Ion Ratio Lower Upper

95 100

174 96.8 0.0 185.0

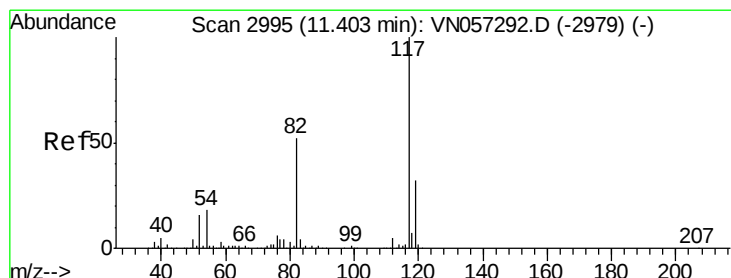
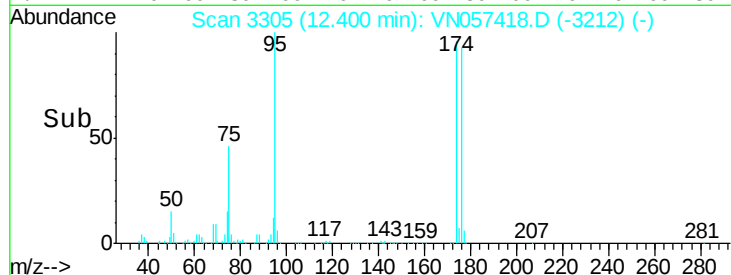
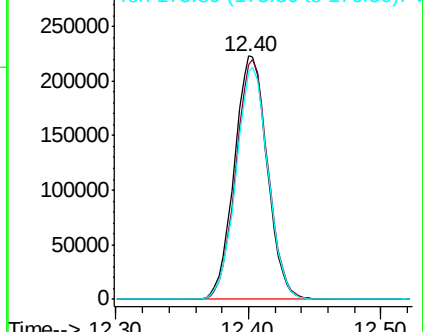
176 93.1 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VN057418.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN057418.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN057418.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN057418.D

Acq: 19 Aug 2019 23:37

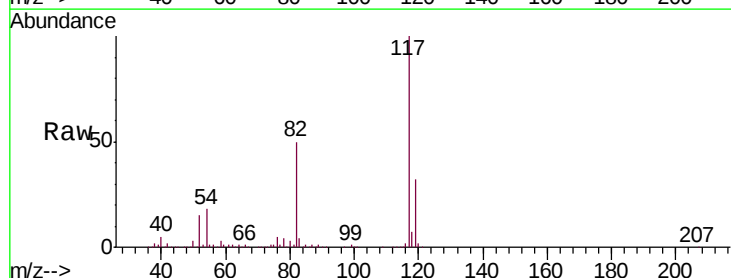
Tgt Ion: 117 Resp: 1055744

Ion Ratio Lower Upper

117 100

82 50.4 41.2 61.8

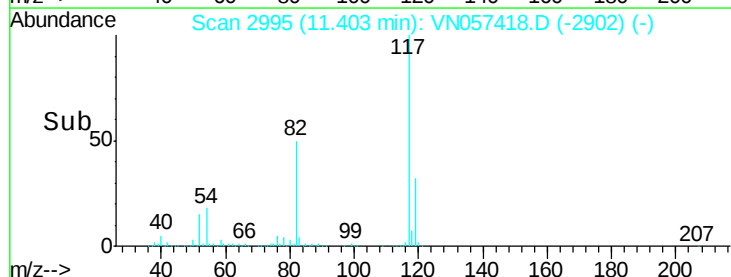
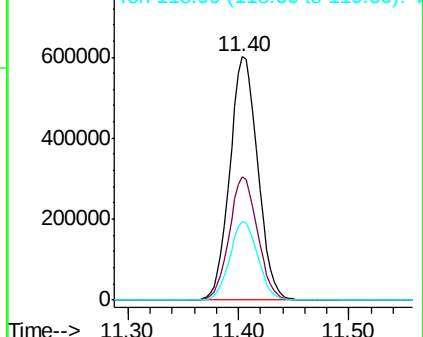
119 32.0 25.8 38.8

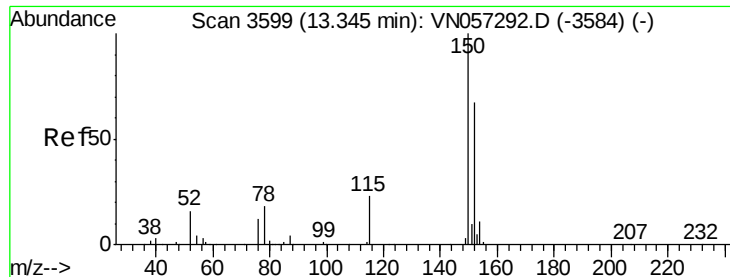


Abundance Ion 116.90 (116.60 to 117.60): VN057418.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN057418.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN057418.D (-2902) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057418.D

Acq: 19 Aug 2019 23:37

Instrument :

MSVOA_N

ClientSampleId :

T8-E2-(0)

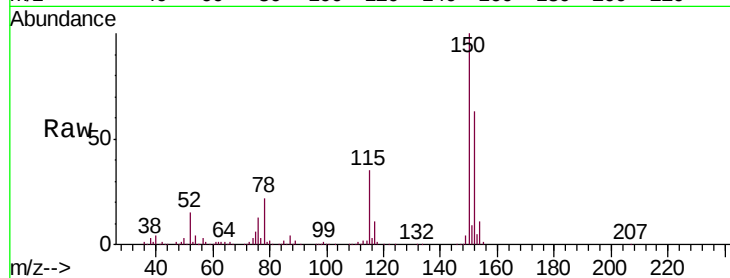
Tgt Ion:152 Resp: 266758

Ion Ratio Lower Upper

152 100

115 54.6 27.3 81.9

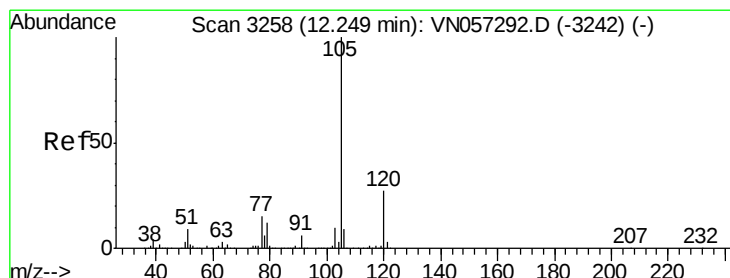
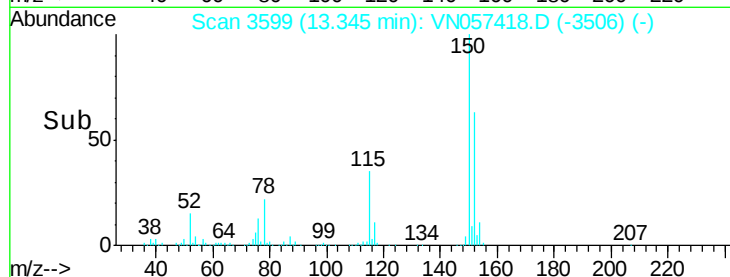
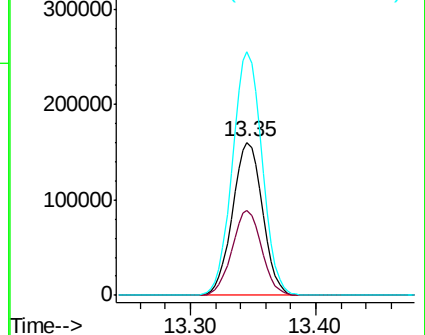
150 157.3 0.0 344.4



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# 3257

Delta R.T. -0.00 min

Lab File: VN057418.D

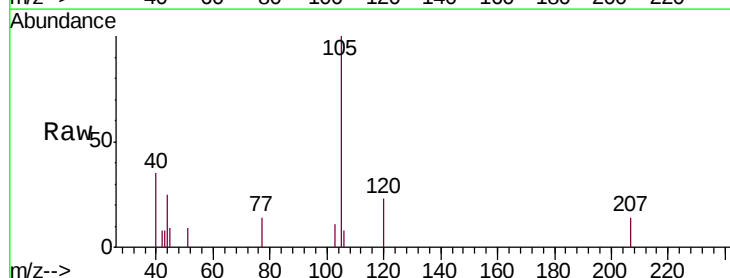
Acq: 19 Aug 2019 23:37

Tgt Ion:105 Resp: 3005

Ion Ratio Lower Upper

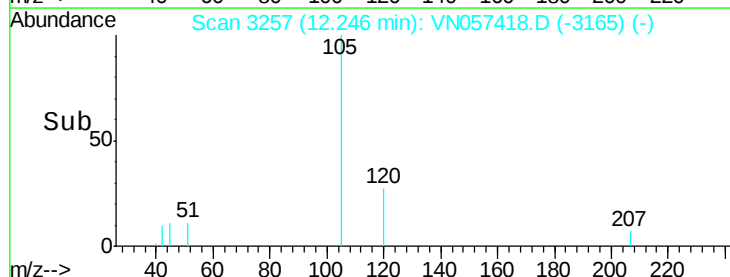
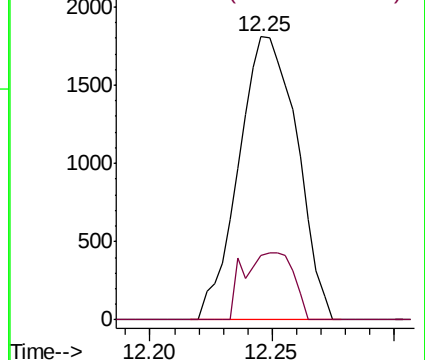
105 100

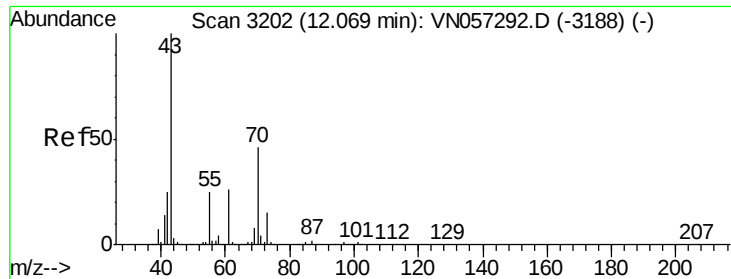
120 20.2 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 0.279 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057418.D

Acq: 19 Aug 2019 23:37

Instrument :

MSVOA_N

ClientSampled :

T8-E2-(0)

Tgt Ion: 43 Resp: 2156

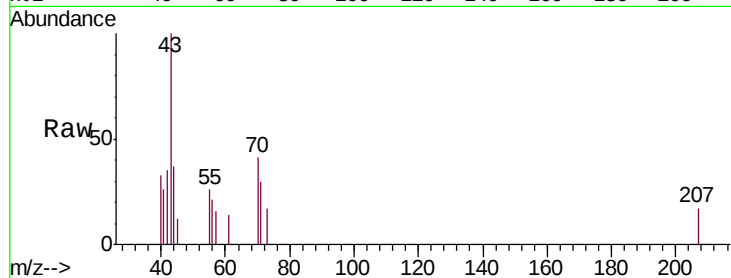
Ion Ratio Lower Upper

43 100

70 51.9 36.2 54.2

55 30.7 20.1 30.1#

61 11.0 20.9 31.3#

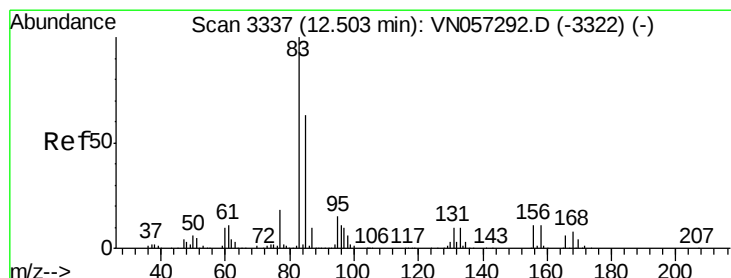
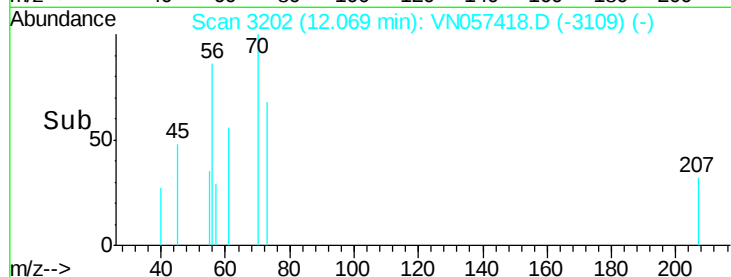
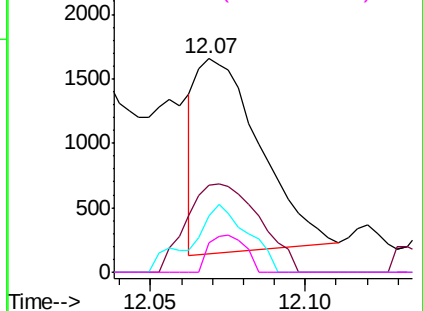


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057418.D

Acq: 19 Aug 2019 23:37

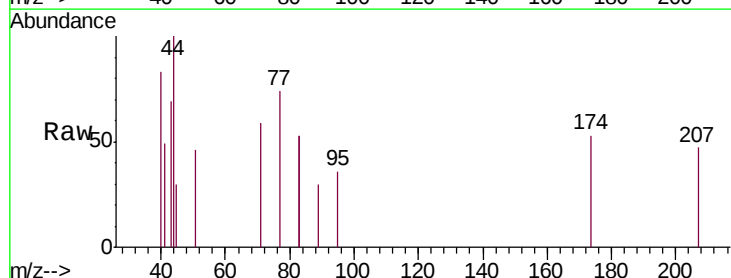
Tgt Ion: 83 Resp: 576

Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

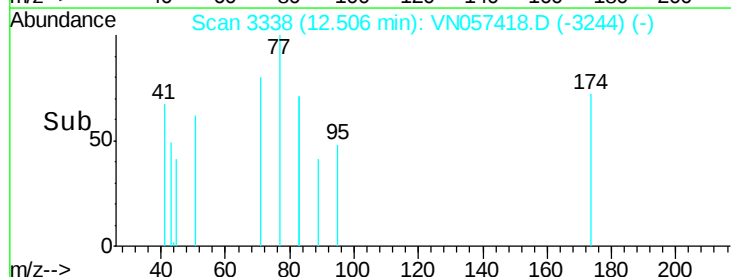
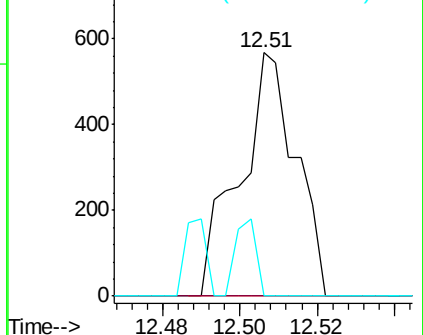
85 11.3 32.3 96.9#

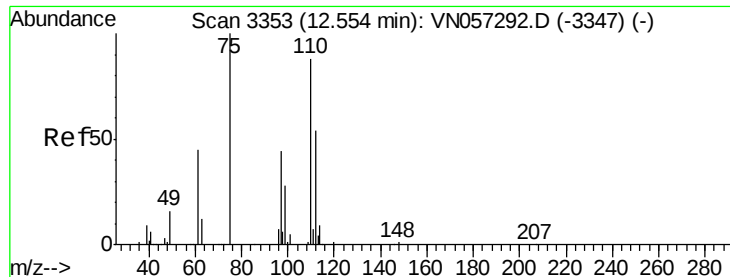


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 32.000 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN057418.D

Acq: 19 Aug 2019 23:37

Instrument :

MSVOA_N

ClientSampled :

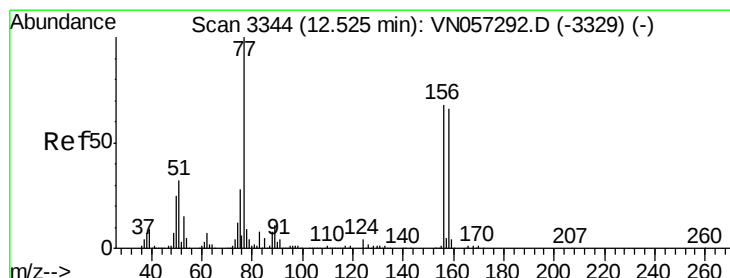
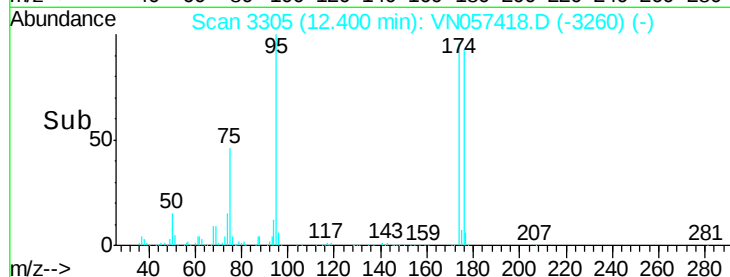
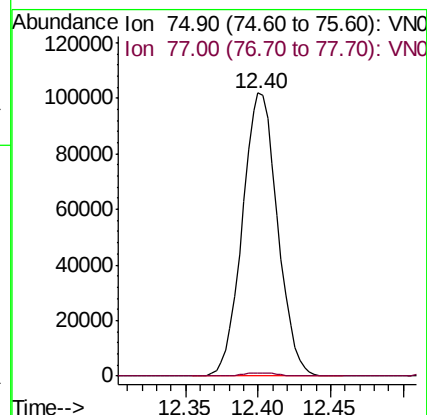
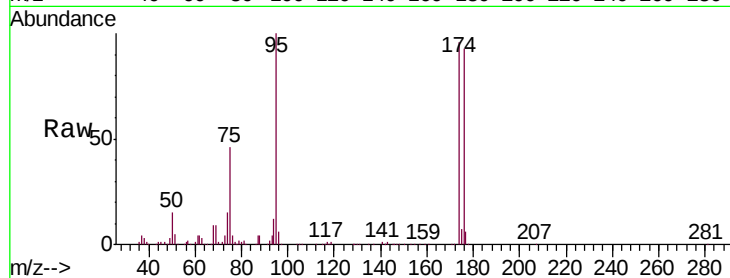
T8-E2-(0)

Tgt Ion: 75 Resp: 171607

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#77

Bromobenzene

Concen: Below Cal

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057418.D

Acq: 19 Aug 2019 23:37

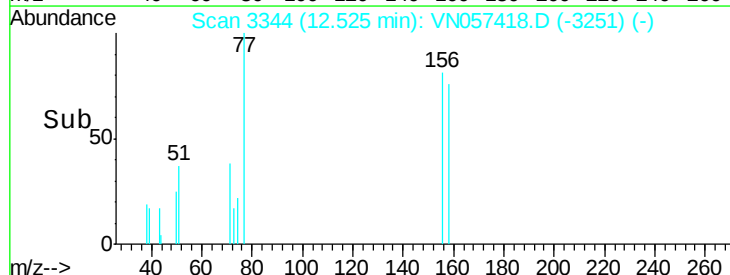
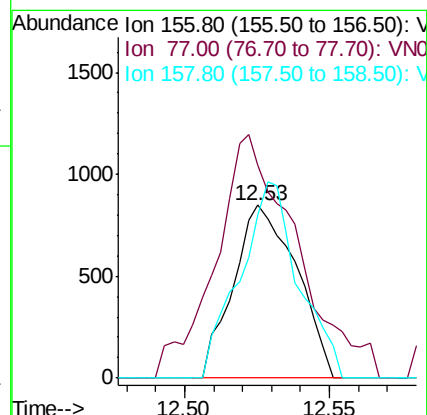
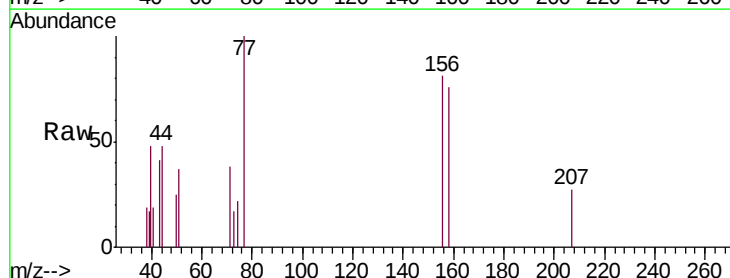
Tgt Ion: 156 Resp: 1285

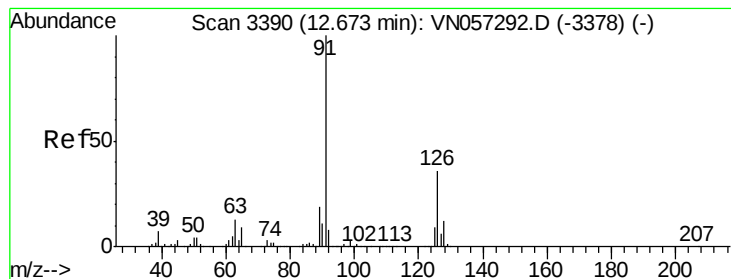
Ion Ratio Lower Upper

156 100

77 180.5 89.8 269.6

158 105.9 49.3 147.8





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057418.D

Acq: 19 Aug 2019 23:37

Instrument :

MSVOA_N

ClientSampled :

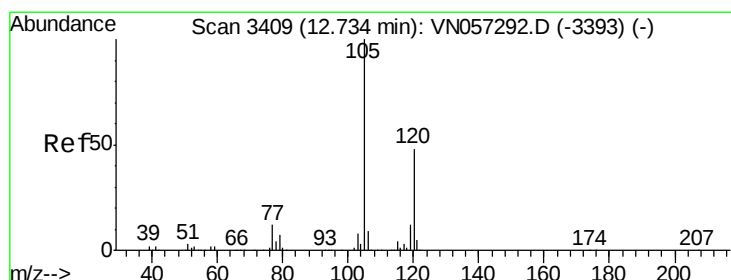
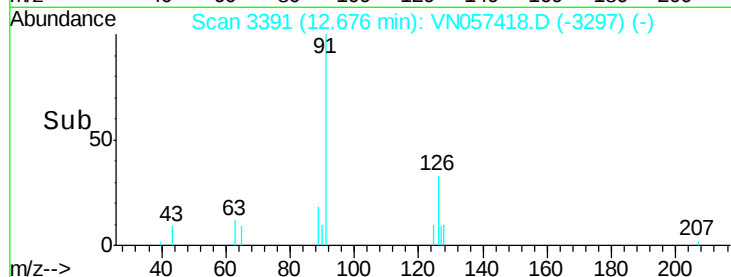
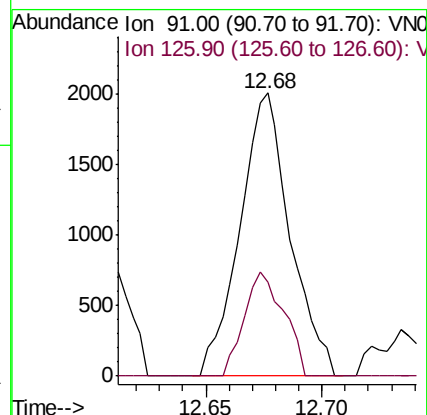
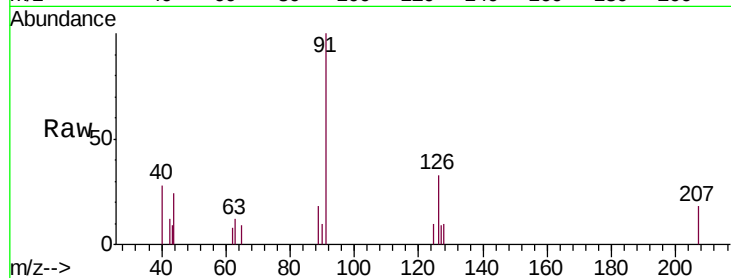
T8-E2-(0)

Tgt Ion: 91 Resp: 3025

Ion Ratio Lower Upper

91 100

126 28.9 18.1 54.1



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057418.D

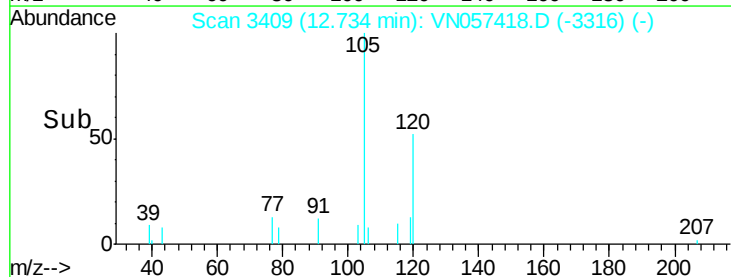
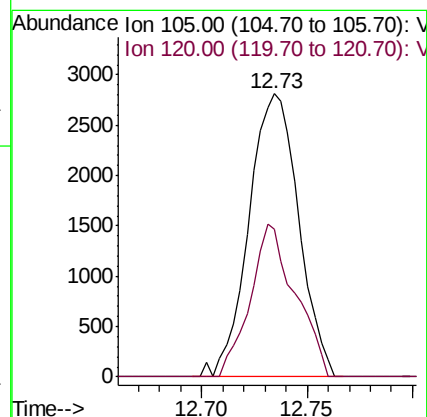
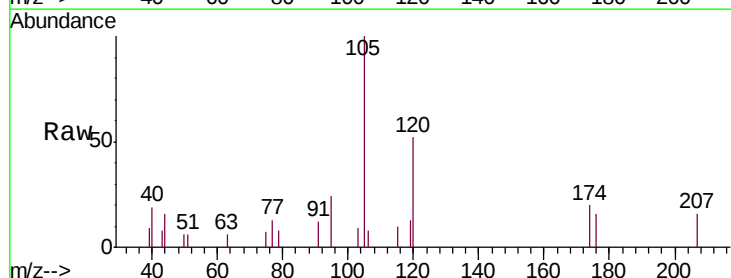
Acq: 19 Aug 2019 23:37

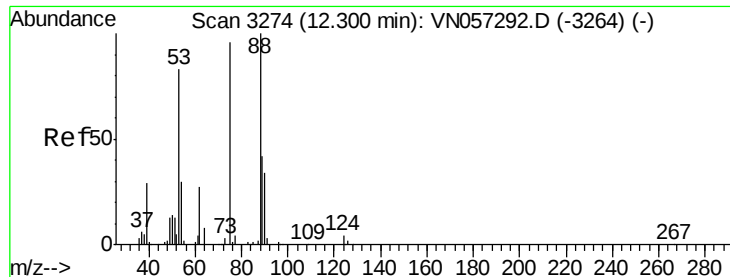
Tgt Ion: 105 Resp: 4609

Ion Ratio Lower Upper

105 100

120 48.8 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 78.443 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN057418.D

Acq: 19 Aug 2019 23:37

Instrument :

MSVOA_N

ClientSampleId :

T8-E2-(0)

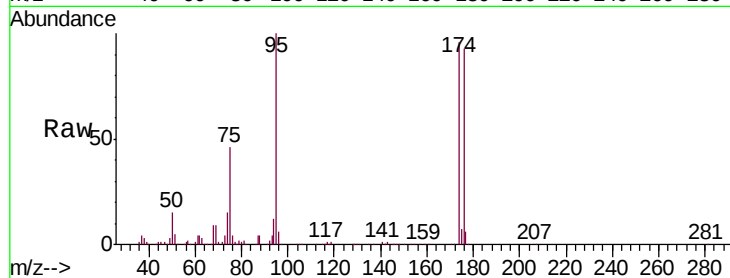
Tgt Ion: 75 Resp: 171607

Ion Ratio Lower Upper

75 100

53 0.0 67.9 101.9#

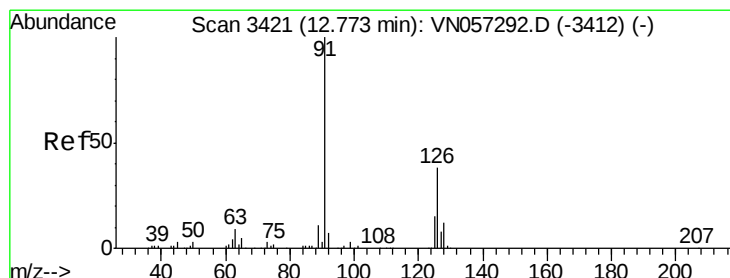
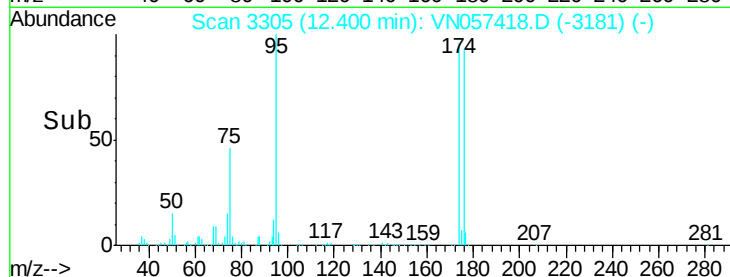
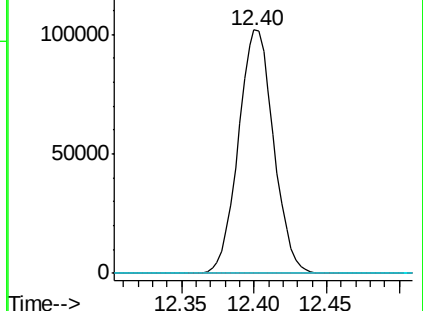
89 0.0 36.2 54.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.287 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN057418.D

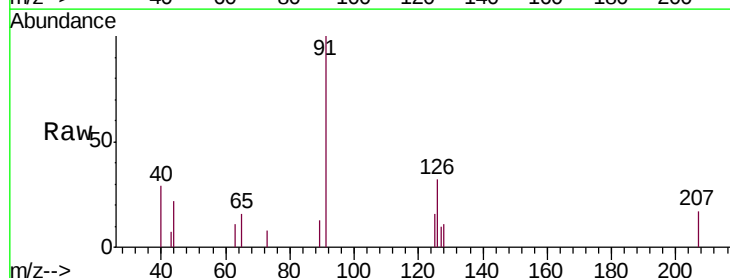
Acq: 19 Aug 2019 23:37

Tgt Ion: 91 Resp: 4369

Ion Ratio Lower Upper

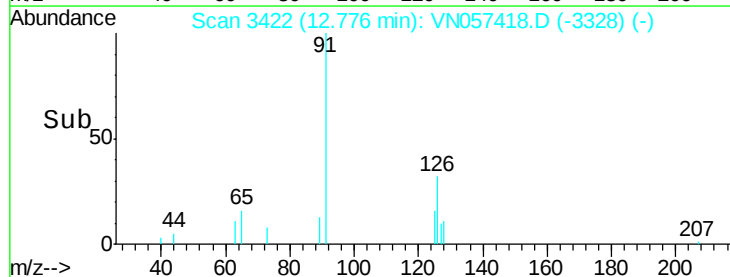
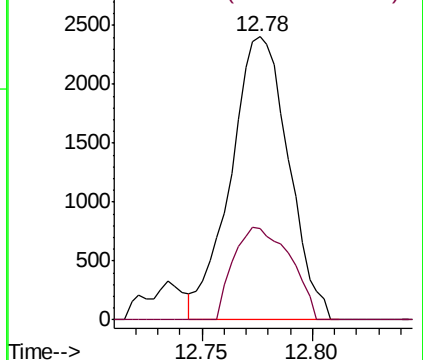
91 100

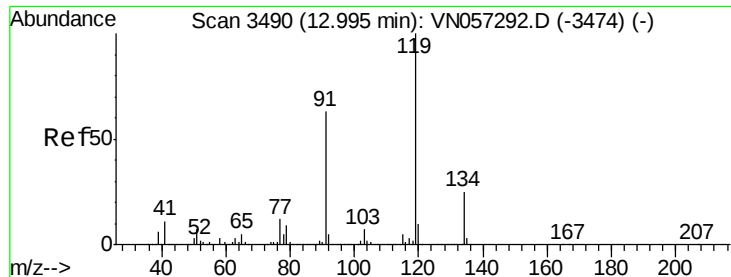
126 32.1 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

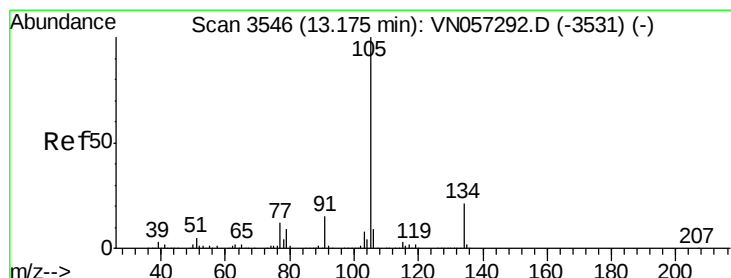
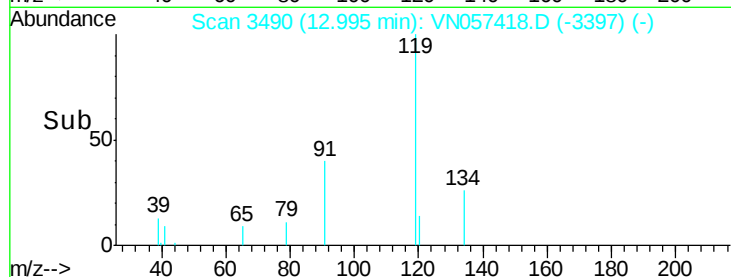
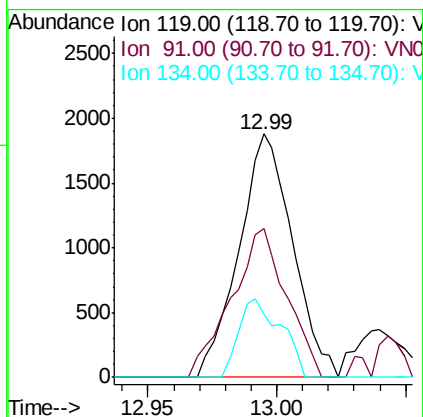
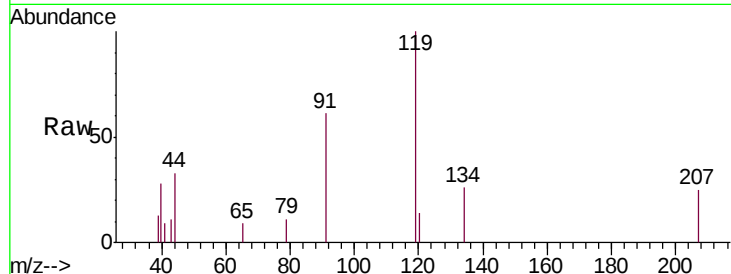




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN057418.D
 Acq: 19 Aug 2019 23:37

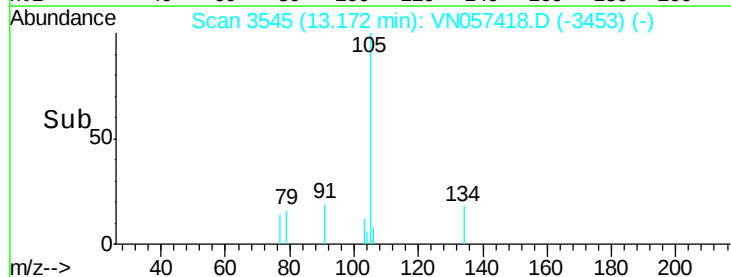
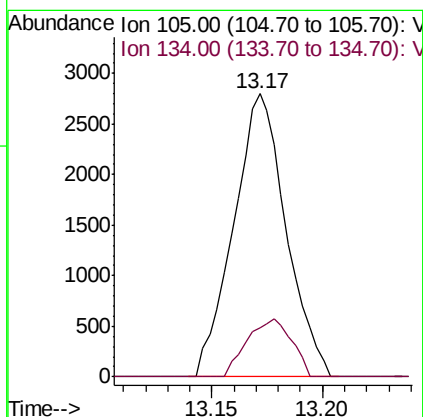
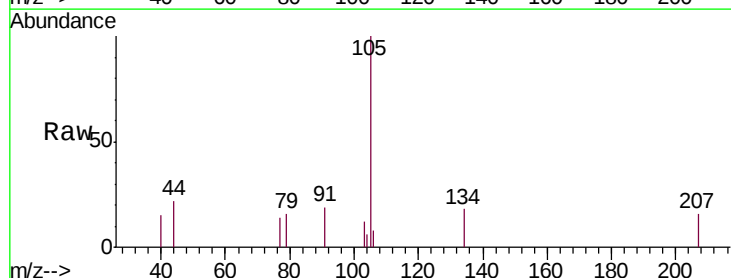
Instrument :
 MSVOA_N
 ClientSampleId :
 T8-E2-(0)

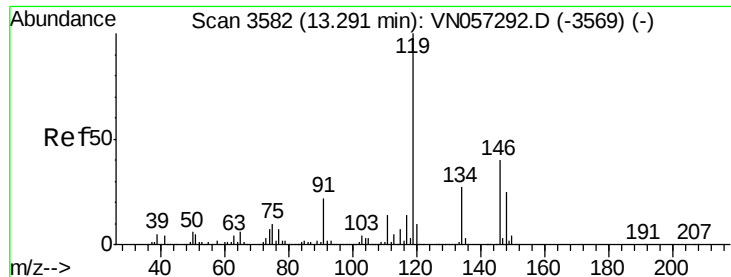
Tgt Ion:119 Resp: 2731
 Ion Ratio Lower Upper
 119 100
 91 62.5 31.3 93.8
 134 25.2 13.1 39.1



#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN057418.D
 Acq: 19 Aug 2019 23:37

Tgt Ion:105 Resp: 4607
 Ion Ratio Lower Upper
 105 100
 134 17.5 10.4 31.2





#86

p-Isopropyltoluene

Concen: 0.252 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN057418.D

Acq: 19 Aug 2019 23:37

Instrument :

MSVOA_N

ClientSampleId :

T8-E2-(0)

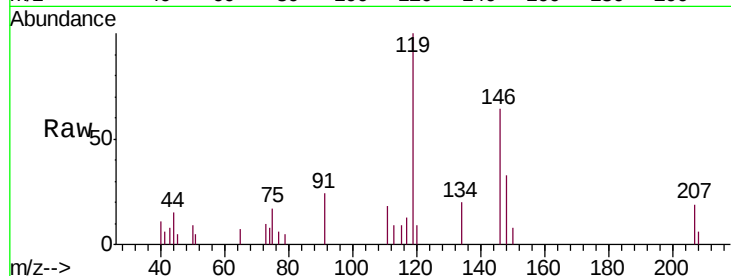
Tgt Ion:119 Resp: 4963

Ion Ratio Lower Upper

119 100

134 24.1 13.4 40.2

91 24.1 11.2 33.5

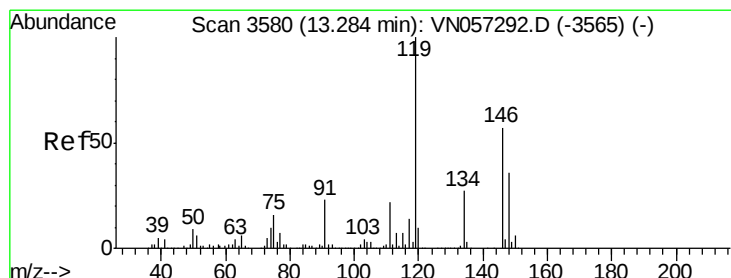
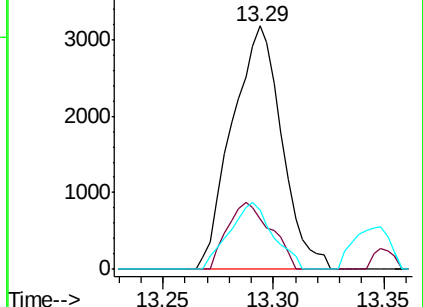
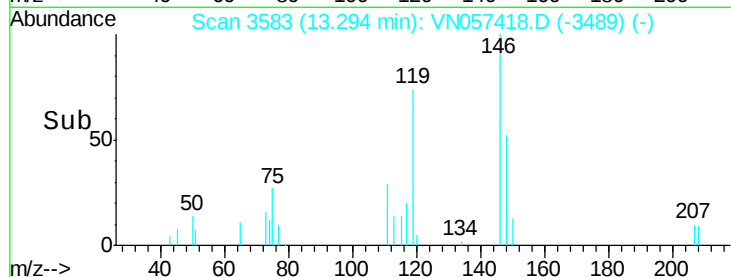


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

Time-->



#87

1,3-Dichlorobenzene

Concen: 0.457 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN057418.D

Acq: 19 Aug 2019 23:37

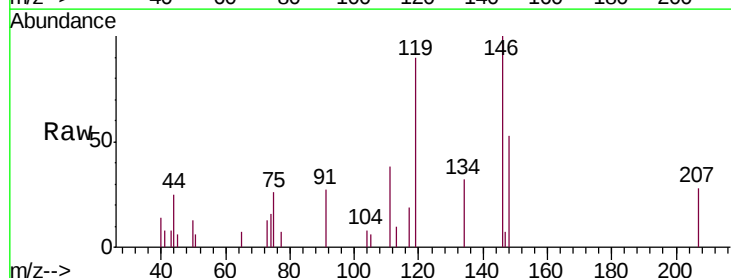
Tgt Ion:146 Resp: 4267

Ion Ratio Lower Upper

146 100

111 34.3 18.7 56.1

148 55.2 31.7 95.1

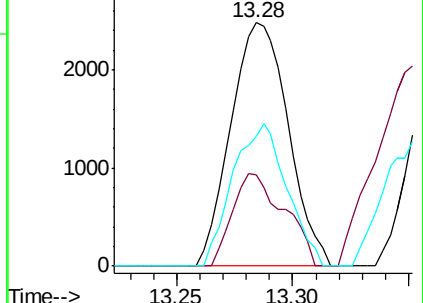
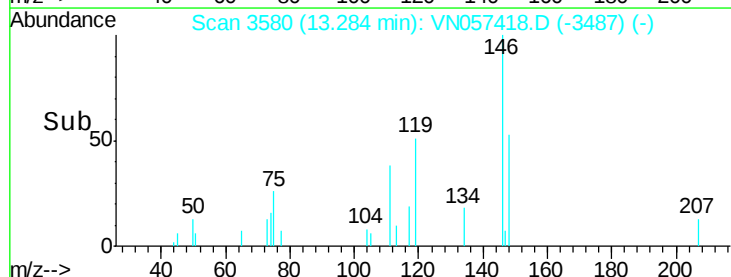


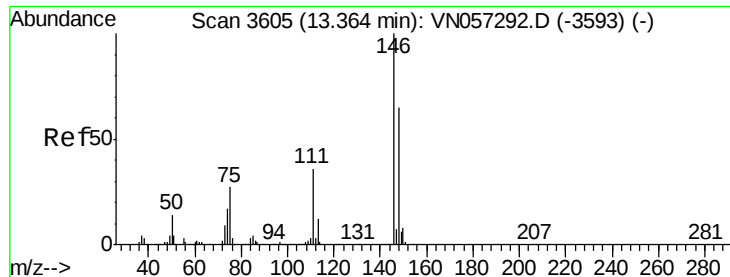
Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

Time-->





#88

1,4-Dichlorobenzene

Concen: 0.481 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.08 min

Lab File: VN057418.D

Acq: 19 Aug 2019 23:37

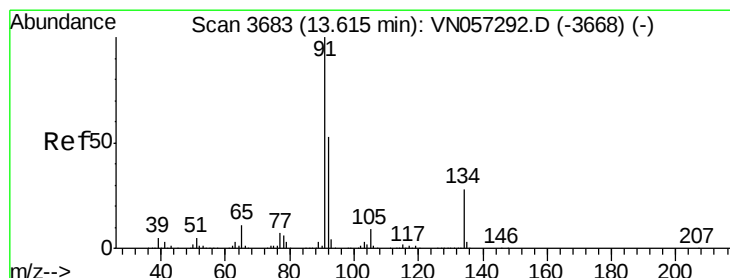
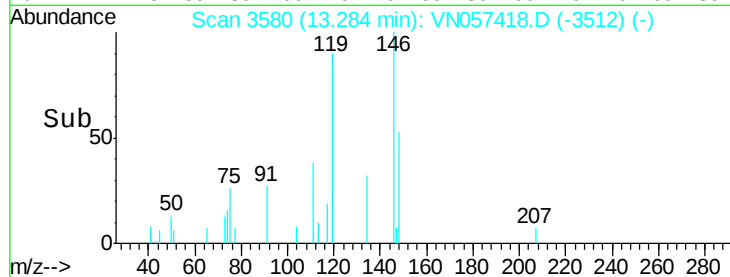
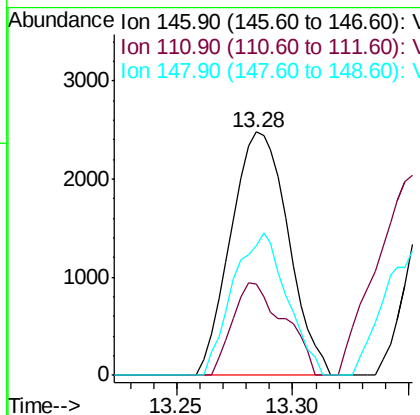
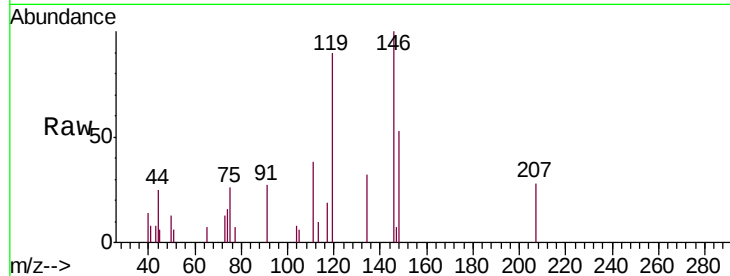
Instrument :

MSVOA_N

ClientSampleId :

T8-E2-(0)

Tgt Ion:	146	Resp:	4267
Ion	Ratio	Lower	Upper
146	100		
111	34.3	18.4	55.4
148	55.2	32.5	97.4



#89

n-Butylbenzene

Concen: 0.350 ug/l

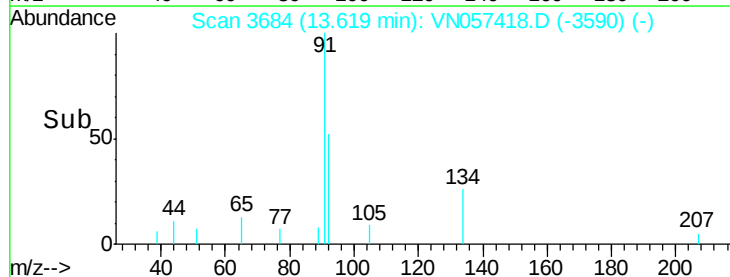
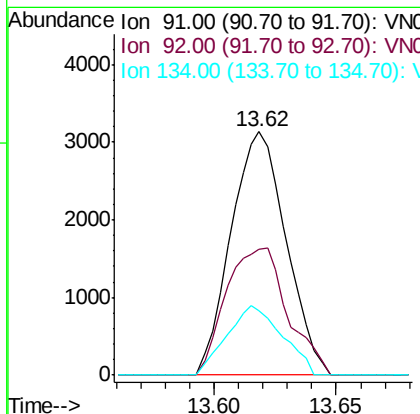
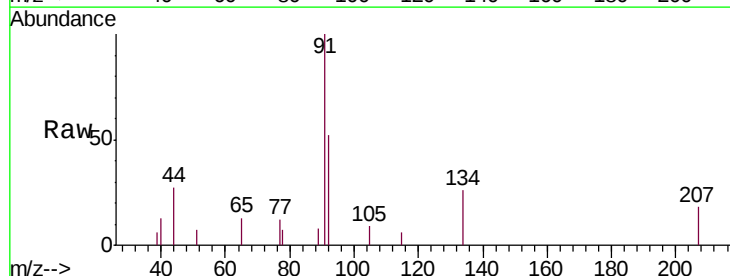
RT: 13.62 min Scan# 3684

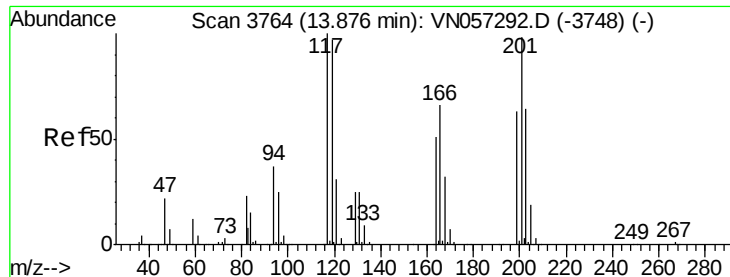
Delta R.T. 0.00 min

Lab File: VN057418.D

Acq: 19 Aug 2019 23:37

Tgt Ion:	91	Resp:	4911
Ion	Ratio	Lower	Upper
91	100		
92	58.3	26.2	78.6
134	28.8	13.9	41.7





#90

Hexachloroethane

Concen: Below Cal

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN057418.D

Acq: 19 Aug 2019 23:37

Instrument :

MSVOA_N

ClientSampleId :

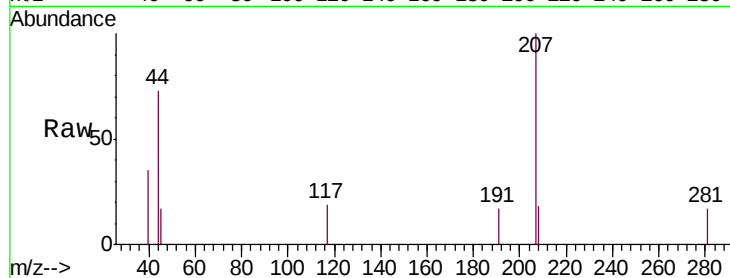
T8-E2-(0)

Tgt Ion:117 Resp: 66

Ion Ratio Lower Upper

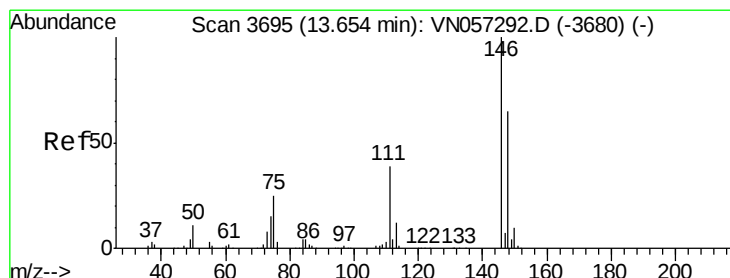
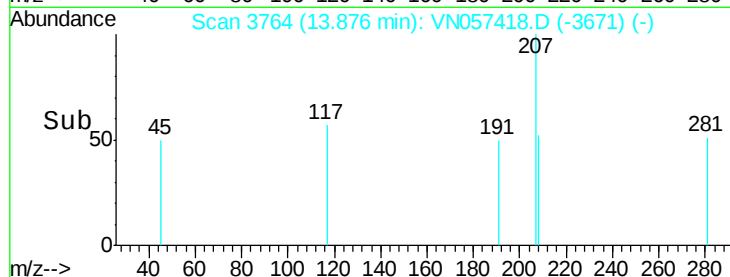
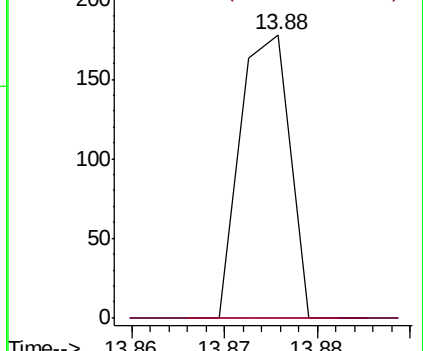
117 100

201 0.0 48.4 145.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.467 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN057418.D

Acq: 19 Aug 2019 23:37

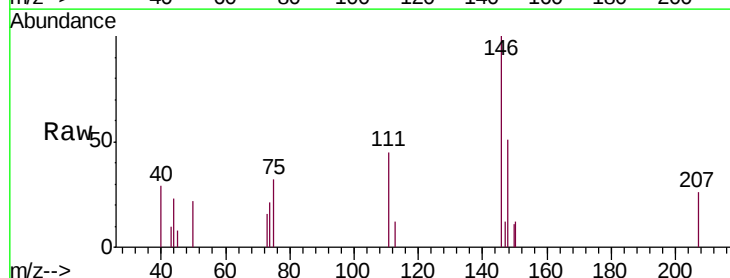
Tgt Ion:146 Resp: 4068

Ion Ratio Lower Upper

146 100

111 46.9 19.7 59.1

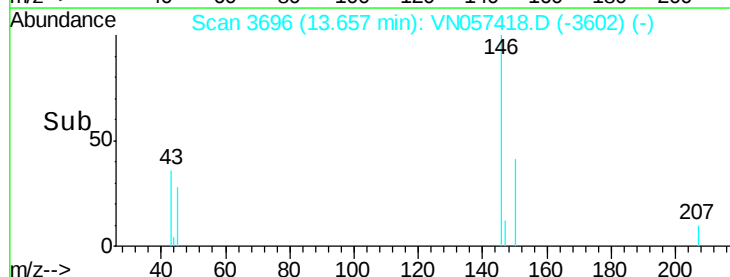
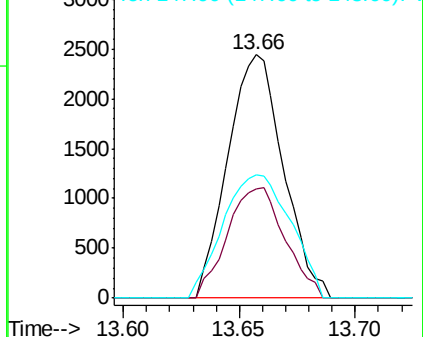
148 61.9 32.0 96.0

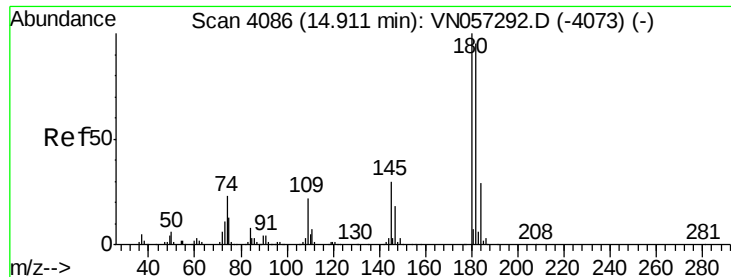


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

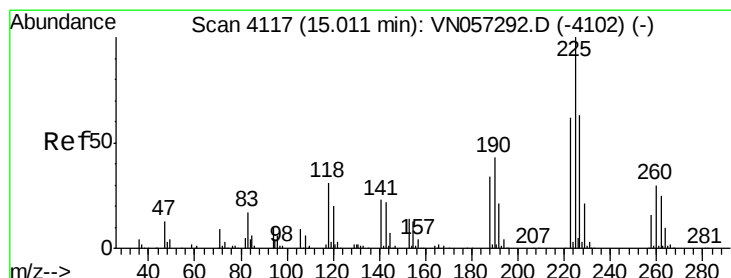
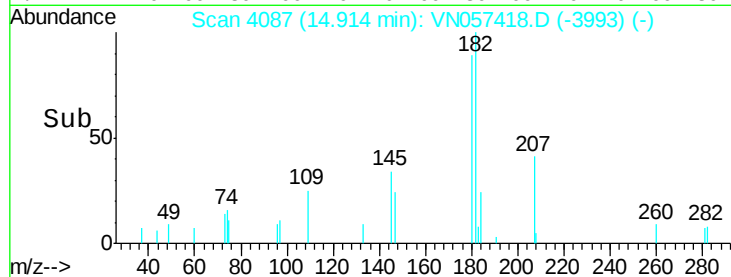
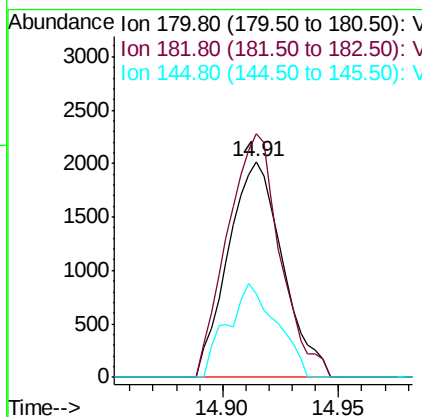
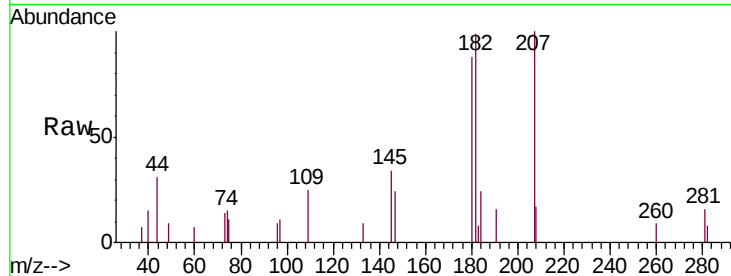




#93
 1,2,4-Trichlorobenzene
 Concen: 6.201 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057418.D
 Acq: 19 Aug 2019 23:37

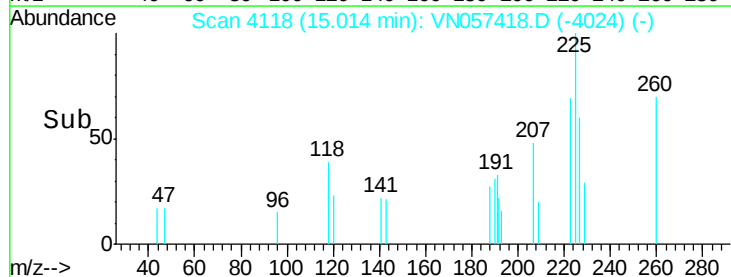
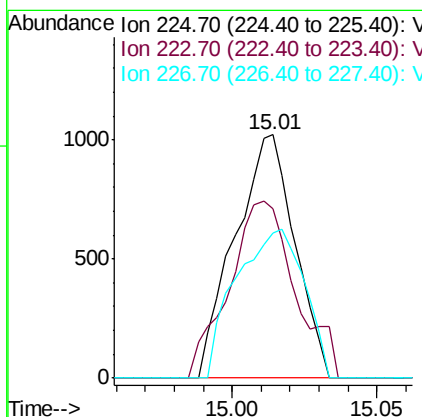
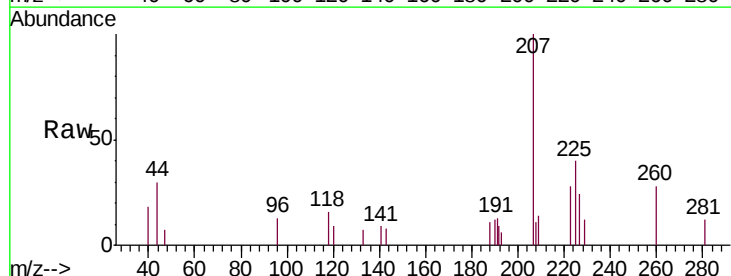
Instrument :
 MSVOA_N
 ClientSampleId :
 T8-E2-(0)

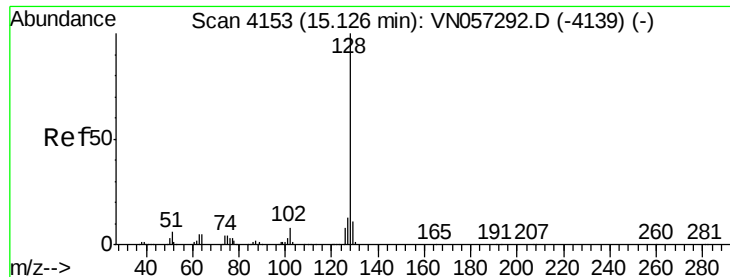
Tgt Ion:180 Resp: 3298
 Ion Ratio Lower Upper
 180 100
 182 109.2 48.0 144.2
 145 39.3 14.5 43.6



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN057418.D
 Acq: 19 Aug 2019 23:37

Tgt Ion:225 Resp: 1464
 Ion Ratio Lower Upper
 225 100
 223 80.4 30.7 92.1
 227 69.7 30.9 92.7





#95

Naphthalene

Concen: Below Cal

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN057418.D

Acq: 19 Aug 2019 23:37

Instrument :

MSVOA_N

ClientSampleId :

T8-E2-(0)

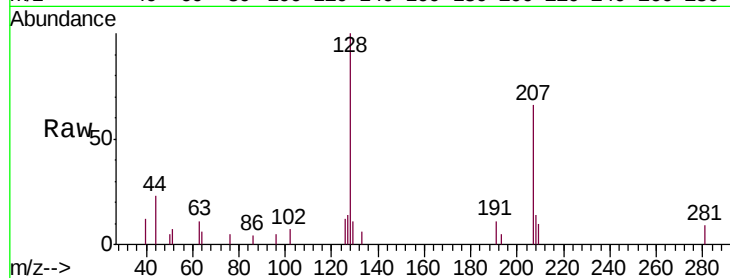
Tgt Ion:128 Resp: 6090

Ion Ratio Lower Upper

128 100

127 14.0 10.5 15.7

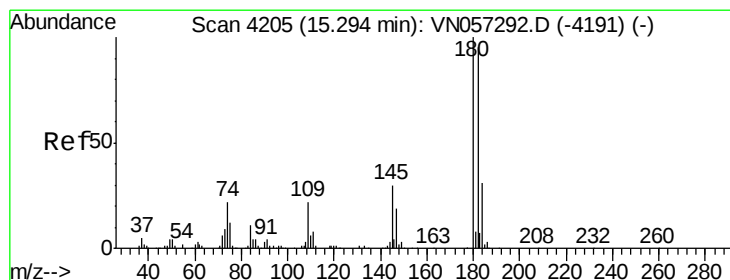
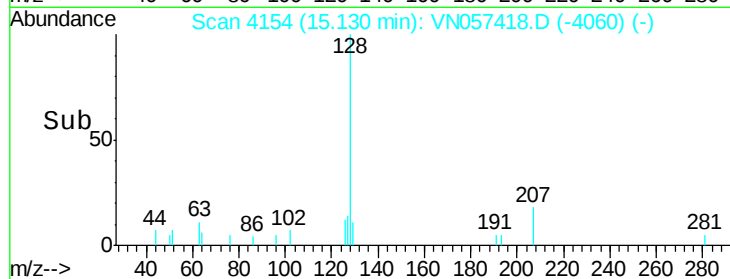
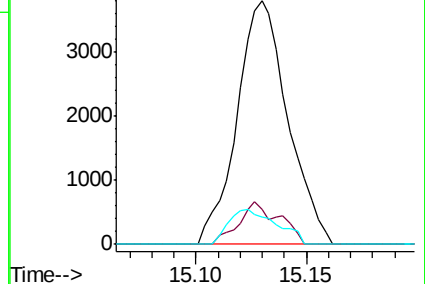
129 13.5 8.8 13.2#



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# 4207

Delta R.T. 0.01 min

Lab File: VN057418.D

Acq: 19 Aug 2019 23:37

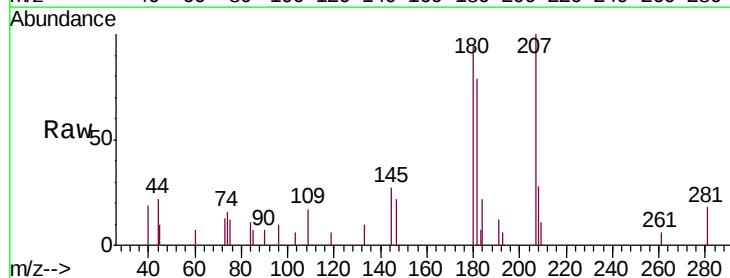
Tgt Ion:180 Resp: 3898

Ion Ratio Lower Upper

180 100

182 97.1 47.9 143.6

145 29.0 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

