

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
 Data File : VN057522.D
 Acq On : 26 Aug 2019 20:22
 Operator : JC/SP
 Sample : K4475-22
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-2-C-(2.5)

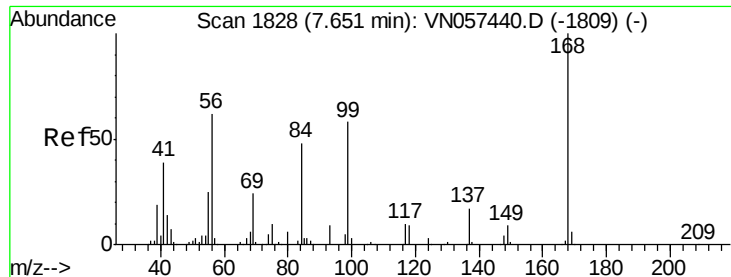
Quant Time: Aug 27 07:17:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	394801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	686015	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	595983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	138162	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	325807	46.91	ug/l	0.00
Spiked Amount			Recovery	=	93.82%	
35) Dibromofluoromethane	7.58	113	218699	47.20	ug/l	0.00
Spiked Amount			Recovery	=	94.40%	
50) Toluene-d8	10.08	98	920926	52.56	ug/l	0.00
Spiked Amount			Recovery	=	105.12%	
62) 4-Bromofluorobenzene	12.40	95	251372	42.34	ug/l	0.00
Spiked Amount			Recovery	=	84.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.39	74	750	Below Cal		55
9) 1,1,2-Trichlorotrifluoroet	3.61	101	105	Below Cal	#	20
16) Acetone	3.80	43	16552	5.190	ug/l	90
18) Methyl Acetate	4.30	43	8095	0.226	ug/l #	88
20) Methylene Chloride	4.52	84	10714	2.194	ug/l	98
31) Cyclohexane	7.65	56	13468	1.381	ug/l #	30
36) 1,1-Dichloropropene	7.65	75	39141	5.584	ug/l #	48
38) Carbon Tetrachloride	7.65	117	42848	6.153	ug/l #	16
43) Isopropyl Acetate	8.16	43	103389	8.140	ug/l	98
46) Dibromomethane	9.05	93	60	Below Cal	#	10
48) Methyl methacrylate	9.26	41	161046	26.666	ug/l #	48
51) 4-Methyl-2-Pentanone	9.98	43	6643	0.939	ug/l #	87
54) cis-1,3-Dichloropropene	9.90	75	42774	4.692	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	6993	0.819	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.62	63	34	17.079	ug/l #	1
59) 2-Hexanone	10.76	43	105653	21.762	ug/l #	55
73) Isopropylbenzene	12.40	105	197	Below Cal		86
74) N-amyl acetate	12.06	43	1331	Below Cal	#	55
75) 1,1,2,2-Tetrachloroethane	12.53	83	30	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	142955	46.483	ug/l #	100
78) n-propylbenzene	12.60	91	807	Below Cal	#	55
79) 2-Chlorotoluene	12.68	91	488	Below Cal	#	44
80) 1,3,5-Trimethylbenzene	12.74	105	1177	Below Cal		75
81) trans-1,4-Dichloro-2-buten	12.40	75	142955	118.936	ug/l #	9
82) 4-Chlorotoluene	12.78	91	505	Below Cal	#	45
83) tert-Butylbenzene	13.00	119	195	Below Cal	#	65
85) sec-Butylbenzene	13.17	105	333	Below Cal	#	58
92) 1,2-Dibromo-3-Chloropropan	14.39	75	77	Below Cal	#	11
93) 1,2,4-Trichlorobenzene	14.91	180	167	5.458	ug/l #	57
95) Naphthalene	15.14	128	1282	4.552	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.31	180	257	5.249	ug/l #	6

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057522.D

Acq: 26 Aug 2019 20:22

Instrument :

MSVOA_N

ClientSampleId :

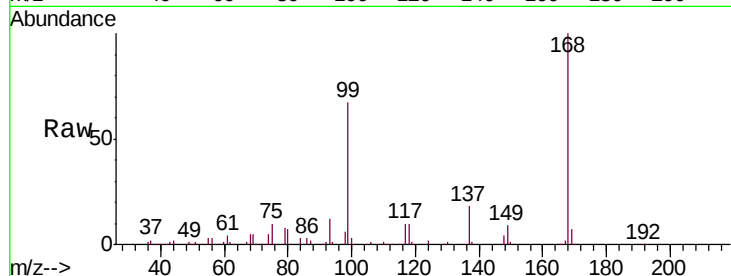
T1-2-C-(2.5)

Tgt Ion:168 Resp: 394801

Ion Ratio Lower Upper

168 100

99 67.3 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): VN057440.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057440.D (-1809) (-)

7.65

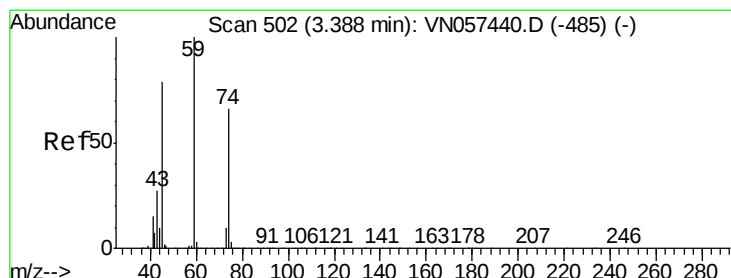
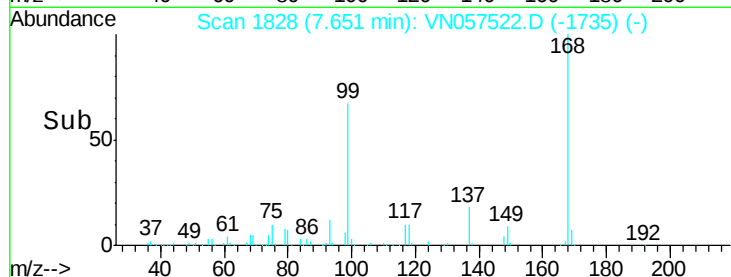
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: Below Cal

RT: 3.39 min Scan# 502

Delta R.T. 0.00 min

Lab File: VN057522.D

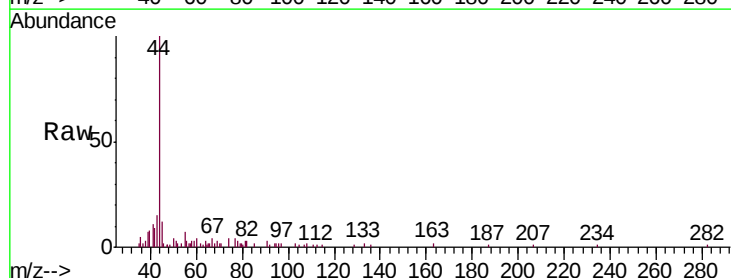
Acq: 26 Aug 2019 20:22

Tgt Ion: 74 Resp: 750

Ion Ratio Lower Upper

74 100

45 164.8 57.9 173.6



Abundance Ion 74.00 (73.70 to 74.70): VN057440.D (-485) (-)

Ion 45.00 (44.70 to 45.70): VN057440.D (-485) (-)

2000

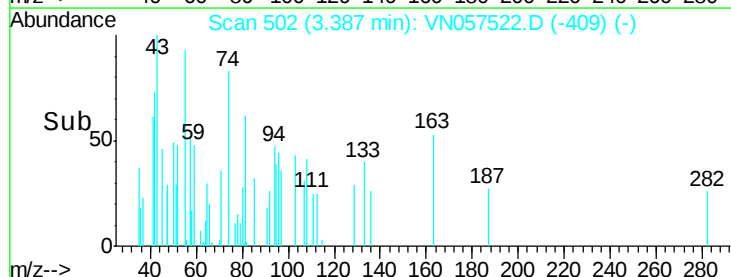
1500

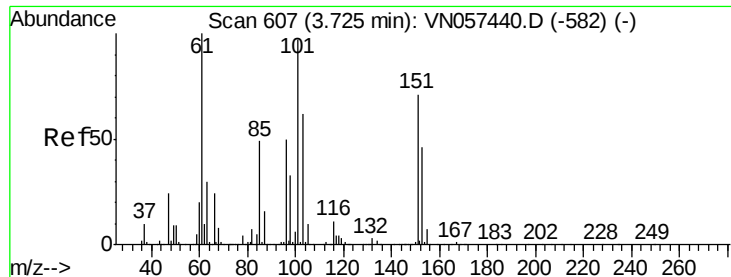
1000

500

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.61 min Scan# 572

Delta R.T. -0.11 min

Lab File: VN057522.D

Acq: 26 Aug 2019 20:22

Instrument :

MSVOA_N

ClientSampled :

T1-2-C-(2.5)

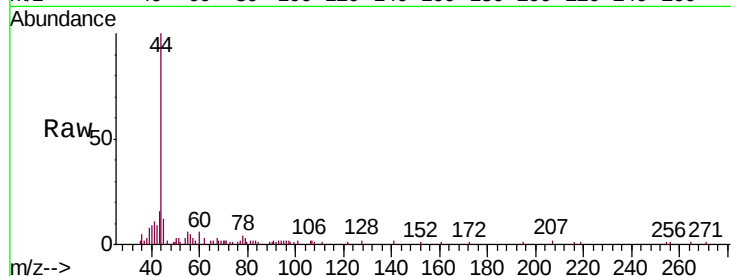
Tgt Ion:101 Resp: 105

Ion Ratio Lower Upper

101 100

85 99.0 40.0 60.0#

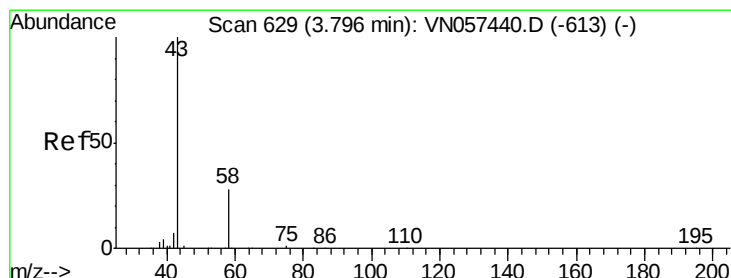
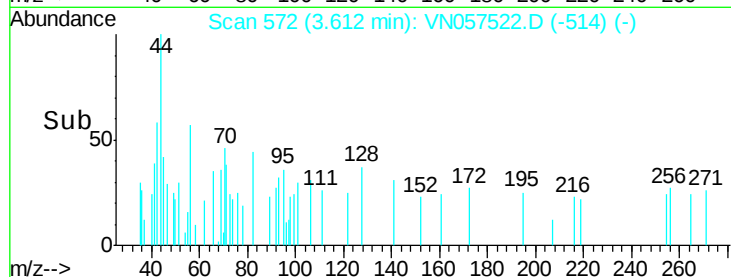
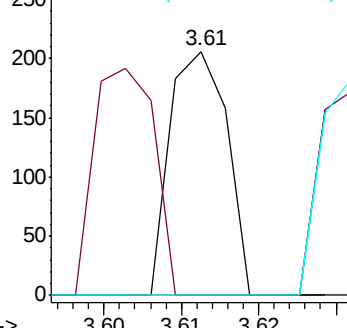
151 0.0 57.0 85.6#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#16

Acetone

Concen: 5.190 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN057522.D

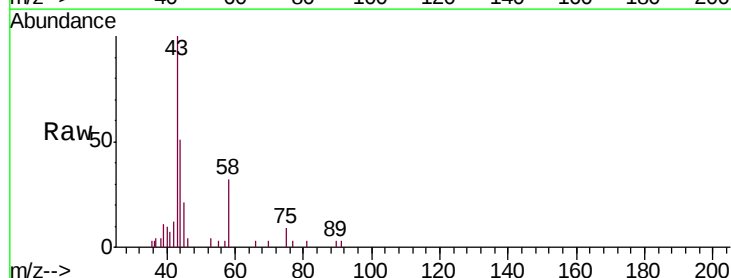
Acq: 26 Aug 2019 20:22

Tgt Ion: 43 Resp: 16552

Ion Ratio Lower Upper

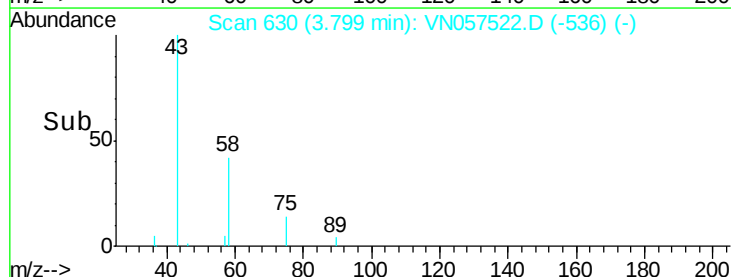
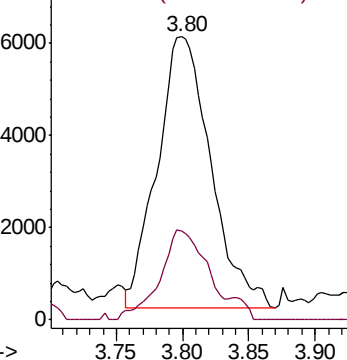
43 100

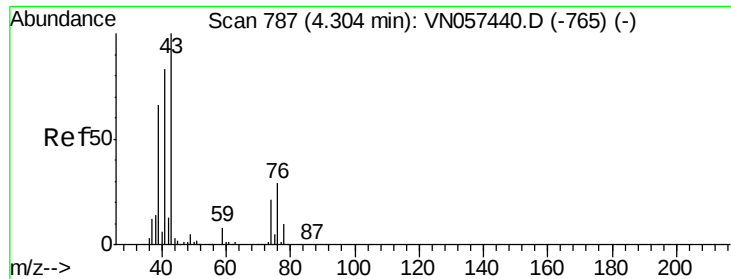
58 32.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

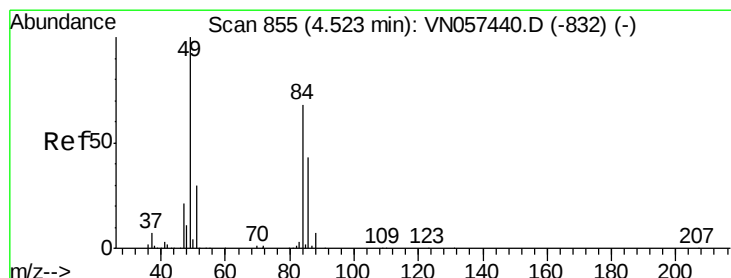
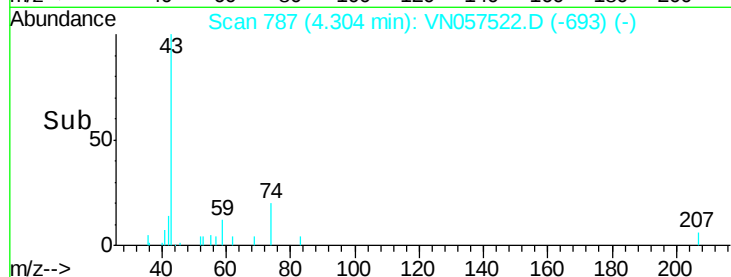
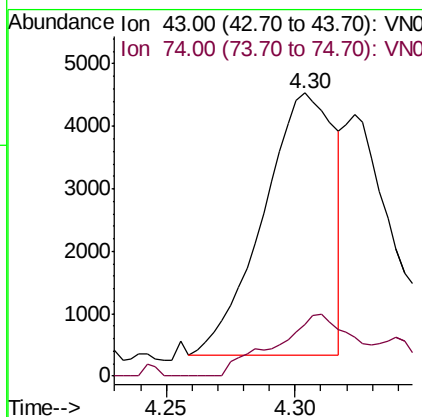
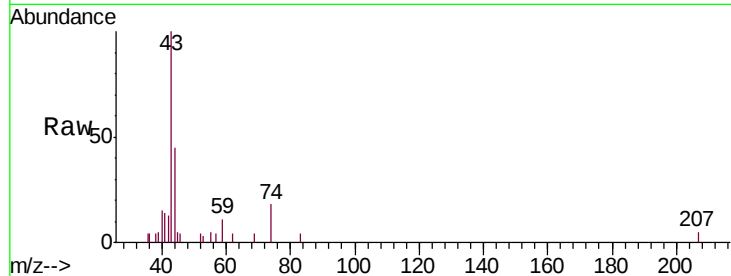




#18
Methyl Acetate
Concen: 0.226 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.00 min
Lab File: VN057522.D
Acq: 26 Aug 2019 20:22

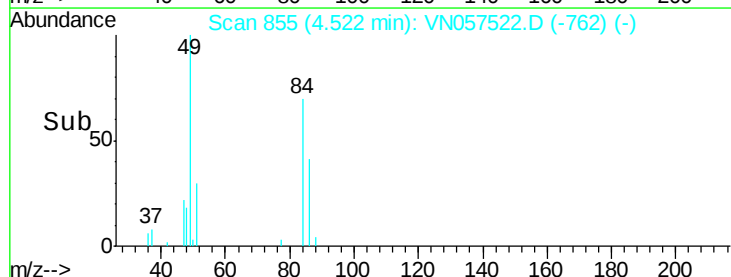
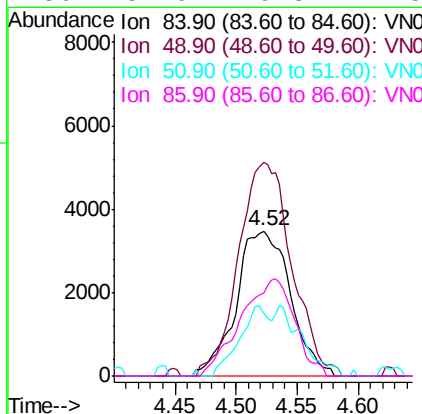
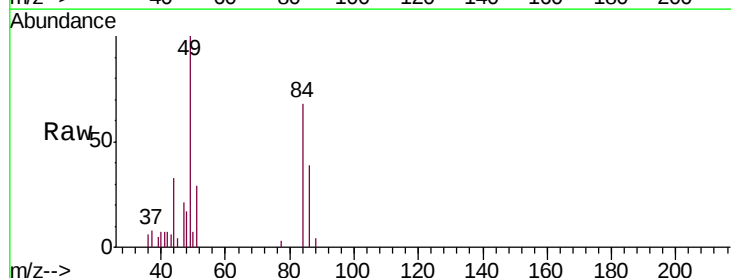
Instrument :
MSVOA_N
ClientSampled :
T1-2-C-(2.5)

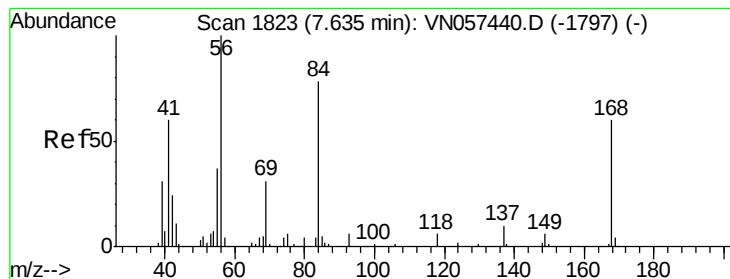
Tgt Ion: 43 Resp: 8095
Ion Ratio Lower Upper
43 100
74 25.6 15.9 23.9#



#20
Methylene Chloride
Concen: 2.194 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN057522.D
Acq: 26 Aug 2019 20:22

Tgt Ion: 84 Resp: 10714
Ion Ratio Lower Upper
84 100
49 147.5 117.0 175.4
51 43.2 35.5 53.3
86 57.9 49.8 74.8





#31

Cyclohexane

Concen: 1.381 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VN057522.D

Acq: 26 Aug 2019 20:22

Instrument :

MSVOA_N

ClientSampled :

T1-2-C-(2.5)

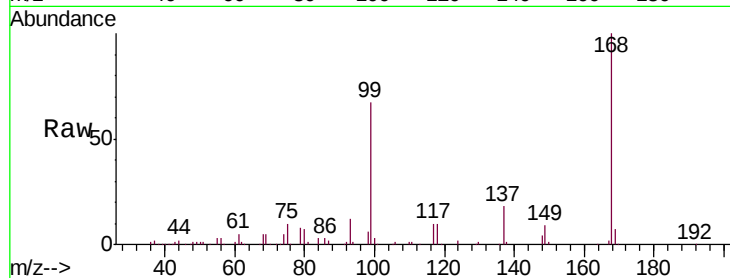
Tgt Ion: 56 Resp: 13468

Ion Ratio Lower Upper

56 100

69 153.2 25.0 37.6#

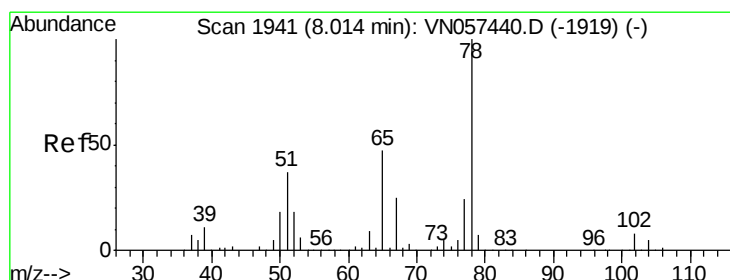
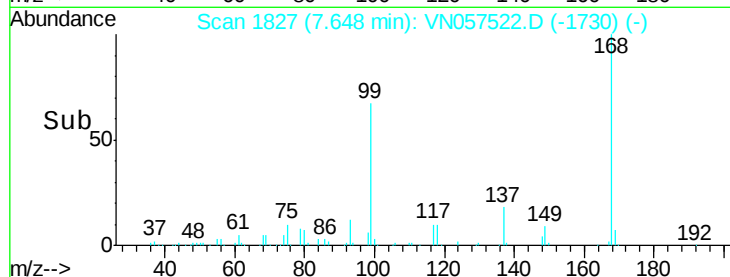
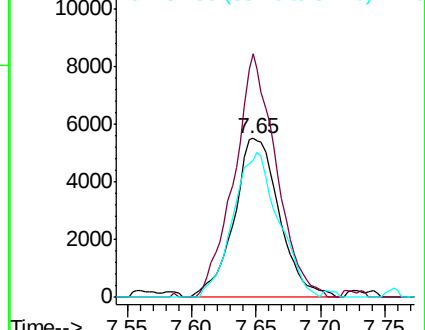
84 86.1 62.5 93.7



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: 46.912 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VN057522.D

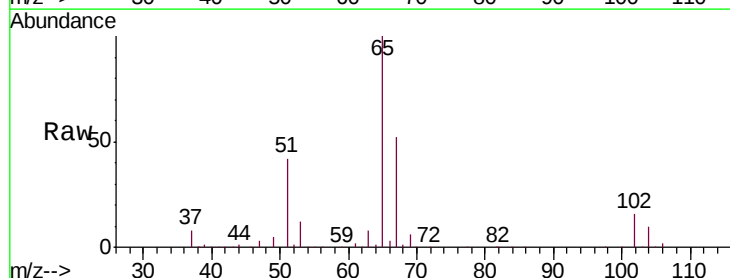
Acq: 26 Aug 2019 20:22

Tgt Ion: 65 Resp: 325807

Ion Ratio Lower Upper

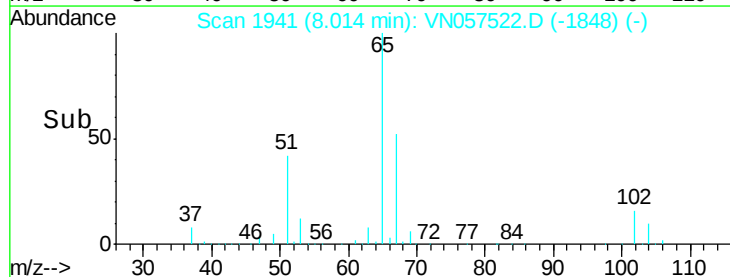
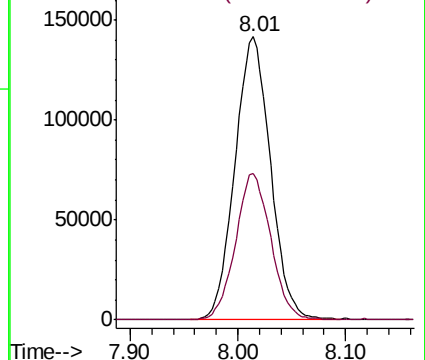
65 100

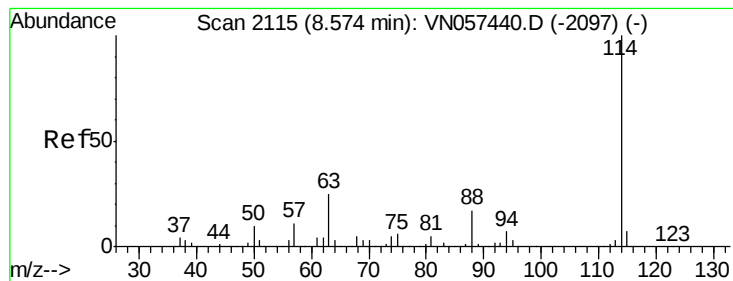
67 51.3 0.0 103.8



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: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN057522.D

Acq: 26 Aug 2019 20:22

Instrument :

MSVOA_N

ClientSampleId :

T1-2-C-(2.5)

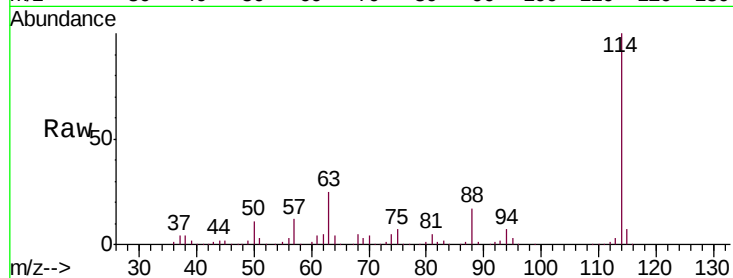
Tgt Ion:114 Resp: 686015

Ion Ratio Lower Upper

114 100

63 24.8 0.0 50.2

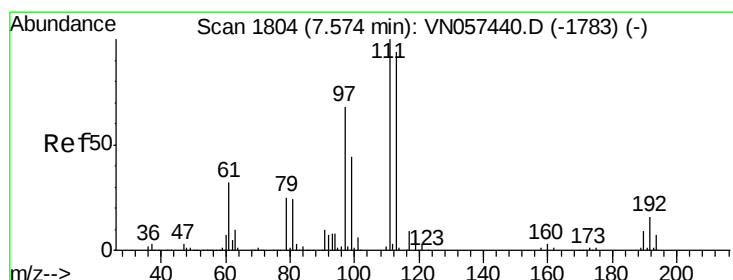
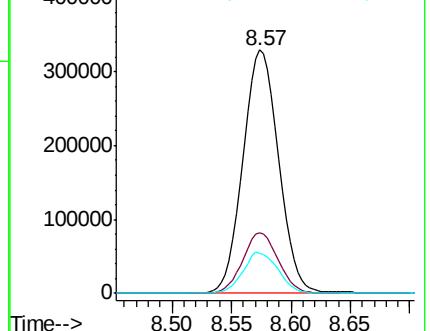
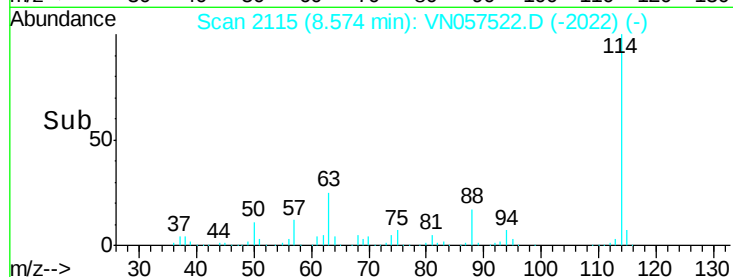
88 16.6 0.0 34.6



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: 47.197 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057522.D

Acq: 26 Aug 2019 20:22

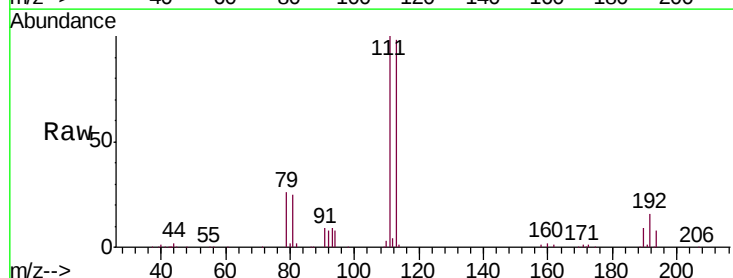
Tgt Ion:113 Resp: 218699

Ion Ratio Lower Upper

113 100

111 103.3 83.8 125.6

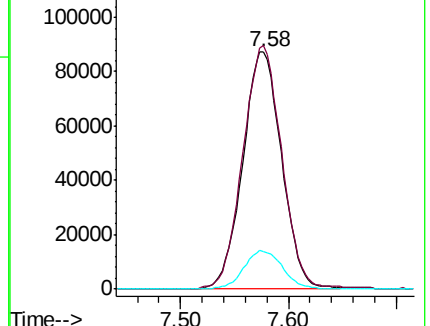
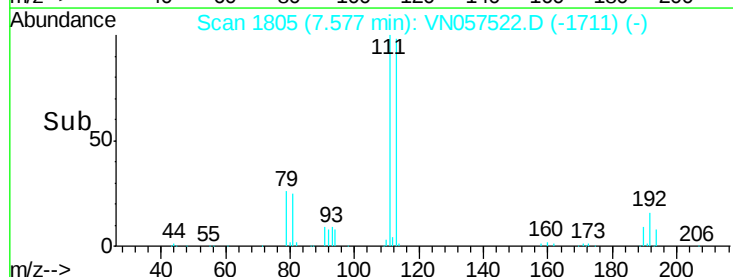
192 16.2 13.5 20.3

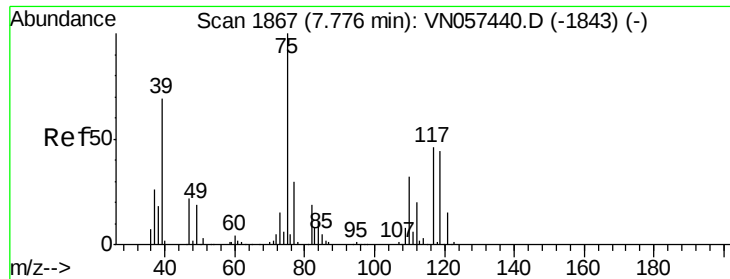


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

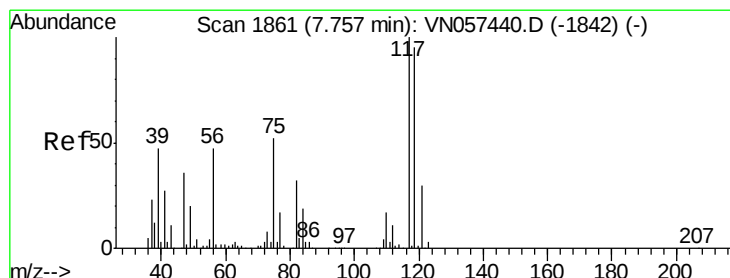
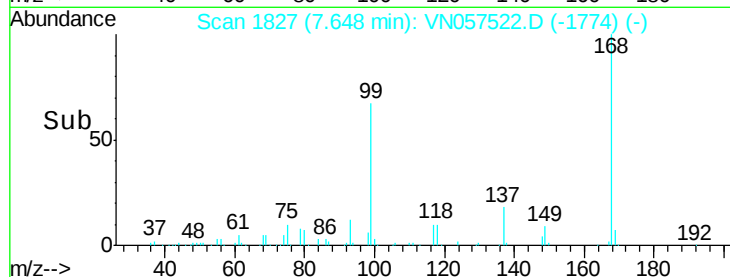
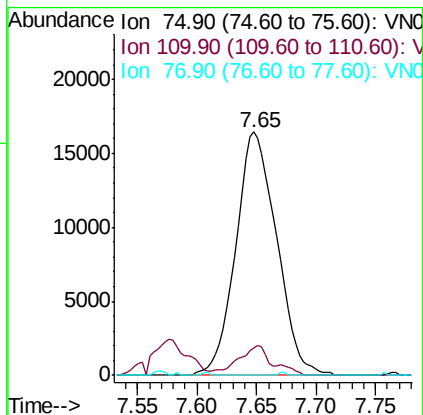
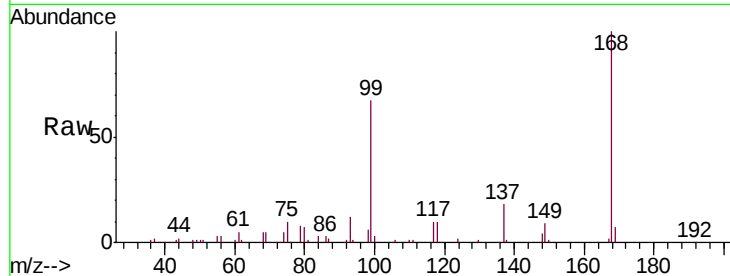




#36
 1,1-Dichloropropene
 Concen: 5.584 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN057522.D
 Acq: 26 Aug 2019 20:22

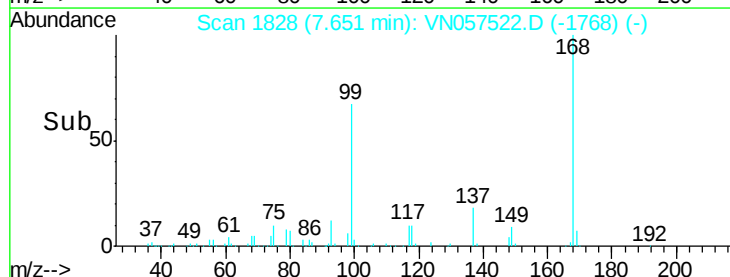
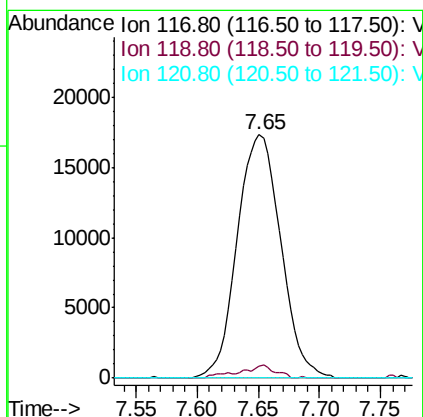
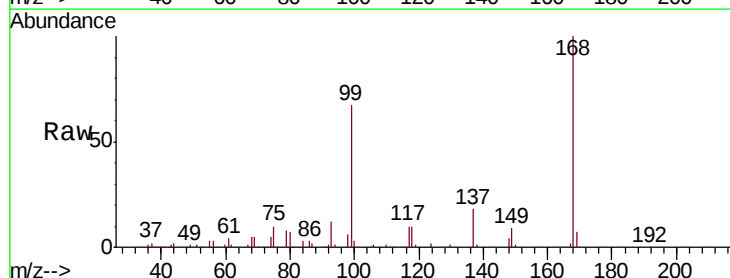
Instrument :
 MSVOA_N
 ClientSampleId :
 T1-2-C-(2.5)

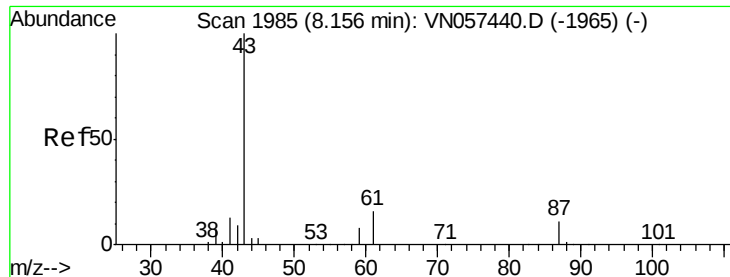
Tgt Ion: 75 Resp: 39141
 Ion Ratio Lower Upper
 75 100
 110 5.8 16.1 48.3#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.153 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.11 min
 Lab File: VN057522.D
 Acq: 26 Aug 2019 20:22

Tgt Ion: 117 Resp: 42848
 Ion Ratio Lower Upper
 117 100
 119 5.0 76.2 114.4#
 121 0.0 23.8 35.6#





#43

Isopropyl Acetate

Concen: 8.140 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057522.D

Acq: 26 Aug 2019 20:22

Instrument :

MSVOA_N

ClientSampled :

T1-2-C-(2.5)

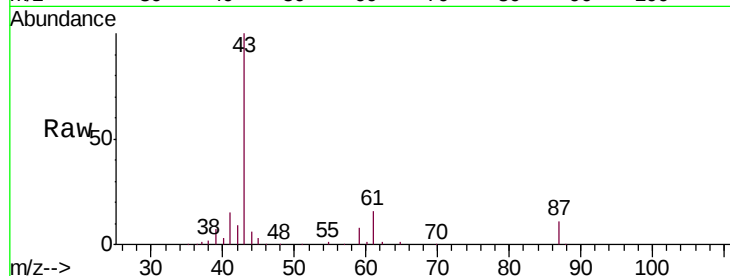
Tgt Ion: 43 Resp: 103389

Ion Ratio Lower Upper

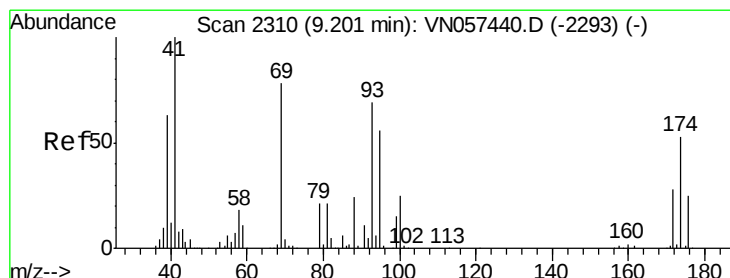
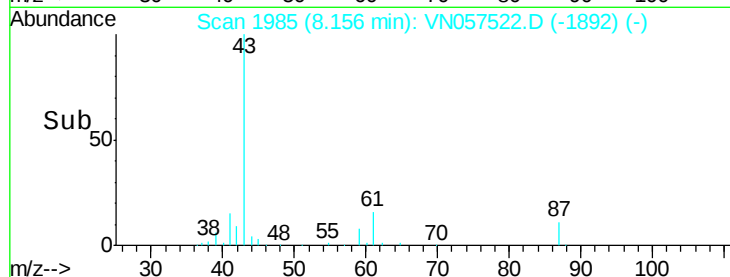
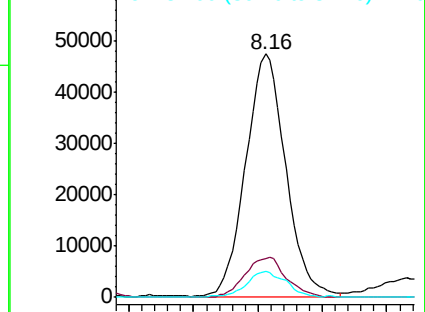
43 100

61 16.9 14.5 21.7

87 10.6 8.6 12.8



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



#46

Dibromomethane

Concen: Below Cal

RT: 9.05 min Scan# 2264

Delta R.T. -0.15 min

Lab File: VN057522.D

Acq: 26 Aug 2019 20:22

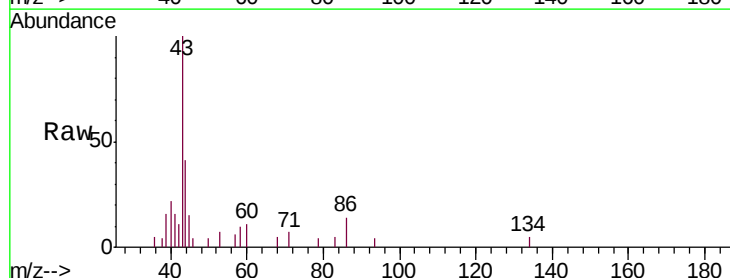
Tgt Ion: 93 Resp: 60

Ion Ratio Lower Upper

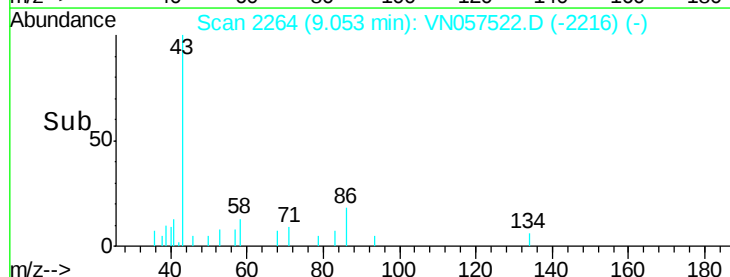
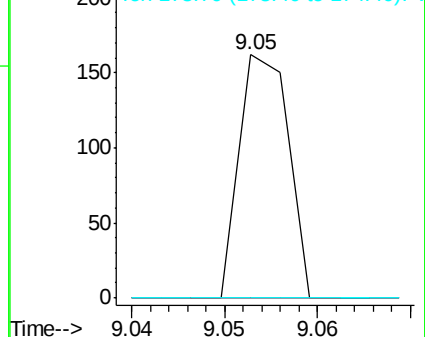
93 100

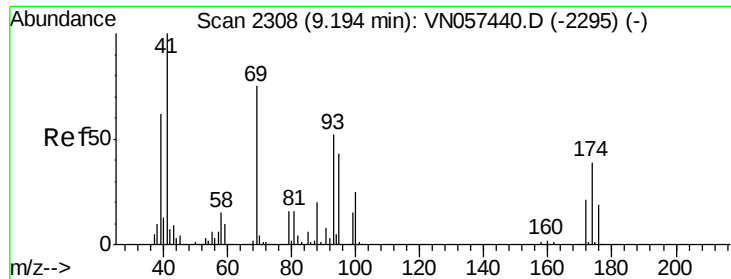
95 0.0 64.7 97.1#

174 0.0 62.3 93.5#



Abundance Ion 92.80 (92.50 to 93.50): VNO
Ion 94.80 (94.50 to 95.50): VNO
Ion 173.70 (173.40 to 174.40): V

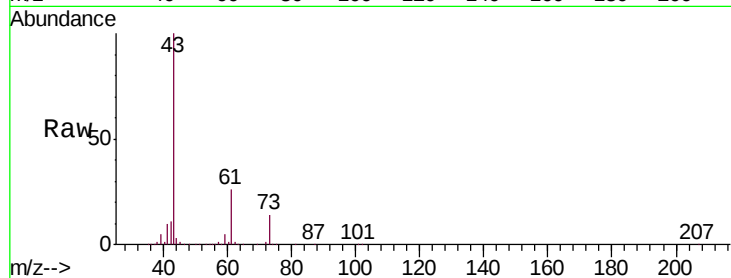




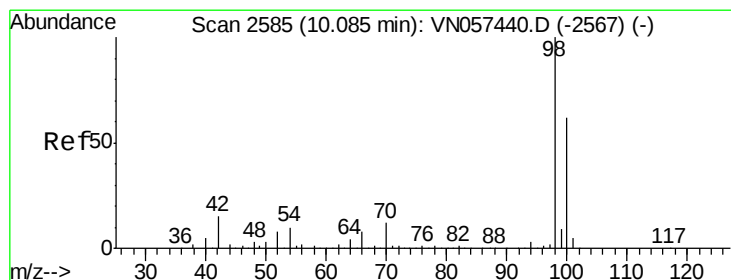
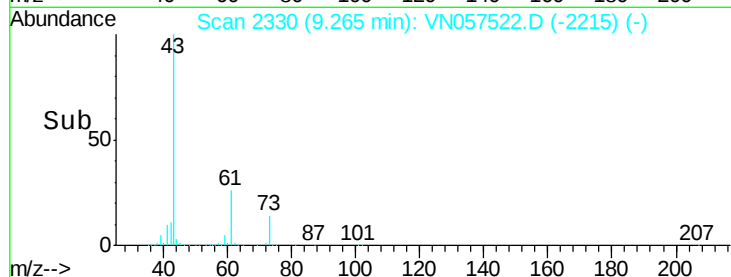
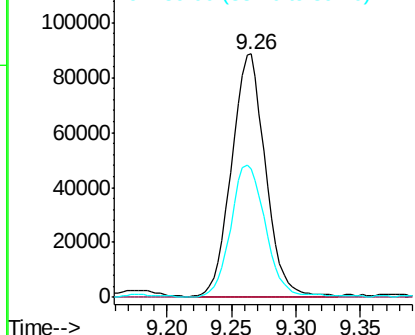
#48
Methyl methacrylate
Concen: 26.666 ug/l
RT: 9.26 min Scan# 2330
Delta R.T. 0.07 min
Lab File: VN057522.D
Acq: 26 Aug 2019 20:22

Instrument :
MSVOA_N
ClientSampleId :
T1-2-C-(2.5)

Tgt Ion: 41 Resp: 161046
Ion Ratio Lower Upper
41 100
69 0.2 59.3 88.9#
39 55.1 50.6 75.8

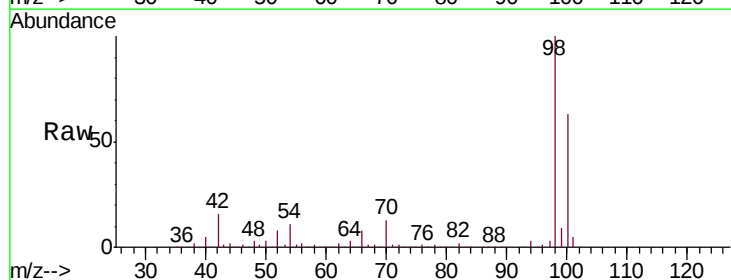


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

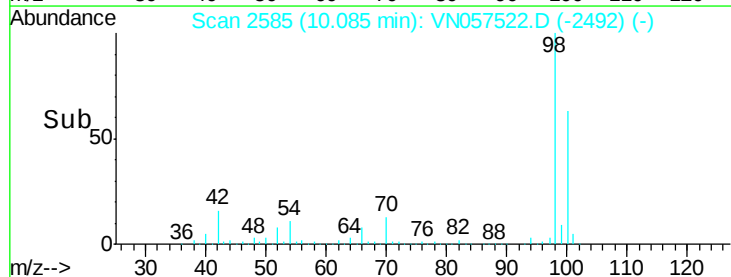
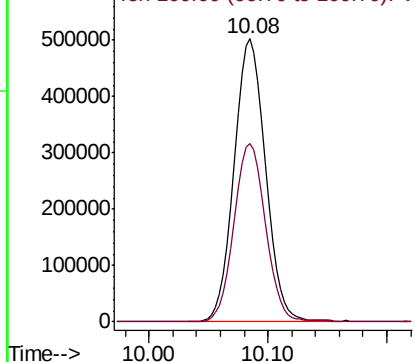


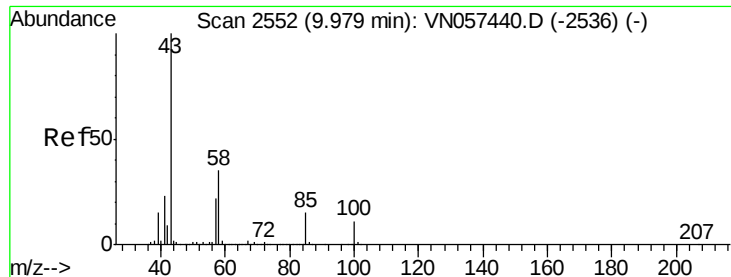
#50
Toluene-d8
Concen: 52.561 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN057522.D
Acq: 26 Aug 2019 20:22

Tgt Ion: 98 Resp: 920926
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

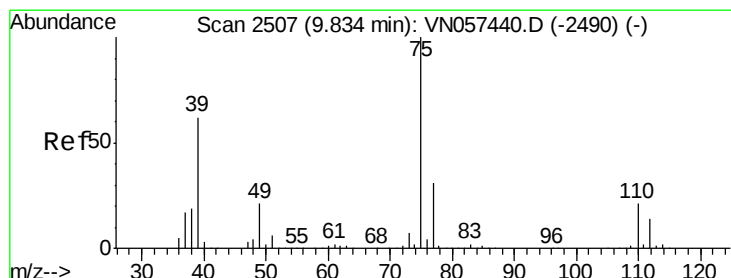
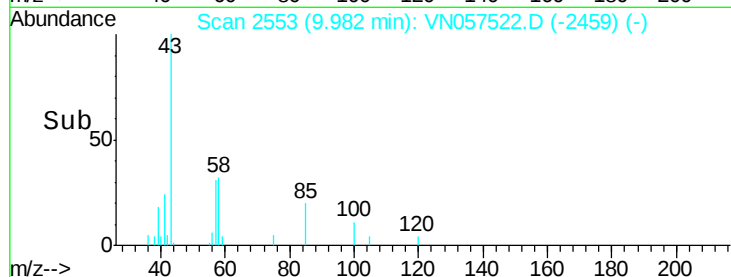
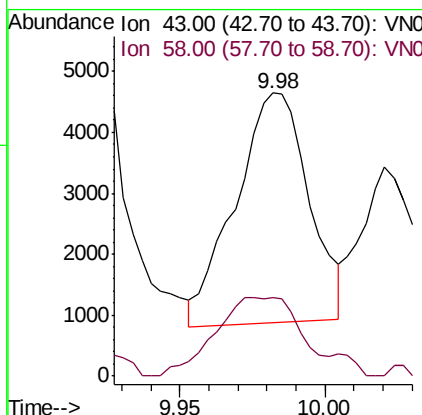
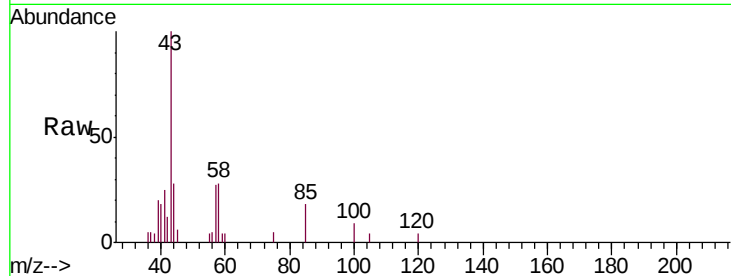




#51
 4-Methyl-2-Pentanone
 Concen: 0.939 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: VN057522.D
 Acq: 26 Aug 2019 20:22

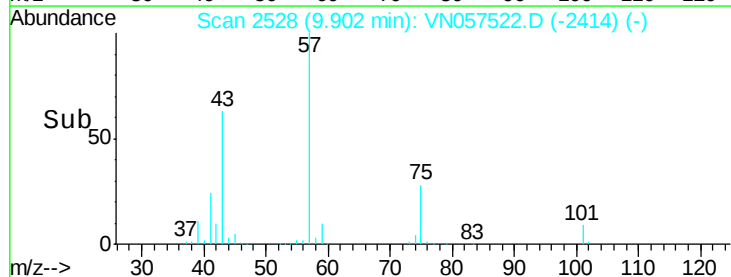
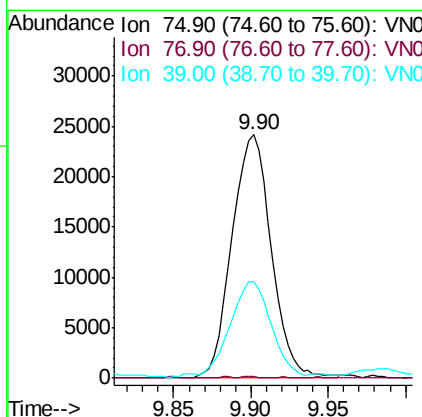
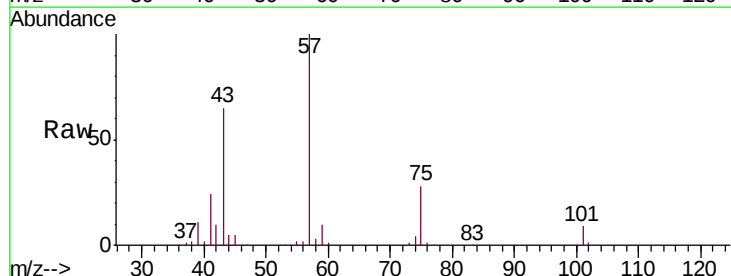
Instrument :
 MSVOA_N
 ClientSampled :
 T1-2-C-(2.5)

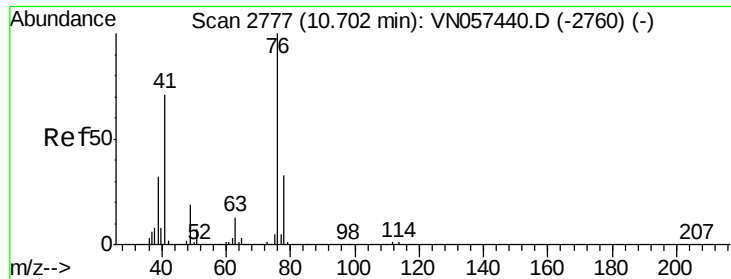
Tgt Ion: 43 Resp: 6643
 Ion Ratio Lower Upper
 43 100
 58 42.2 27.9 41.9#



#54
 cis-1,3-Dichloropropene
 Concen: 4.692 ug/l
 RT: 9.90 min Scan# 2528
 Delta R.T. 0.07 min
 Lab File: VN057522.D
 Acq: 26 Aug 2019 20:22

Tgt Ion: 75 Resp: 42774
 Ion Ratio Lower Upper
 75 100
 77 0.7 25.0 37.6#
 39 38.2 49.2 73.8#





#57

1,3-Dichloropropane

Concen: 0.819 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN057522.D

Acq: 26 Aug 2019 20:22

Instrument :

MSVOA_N

ClientSampled :

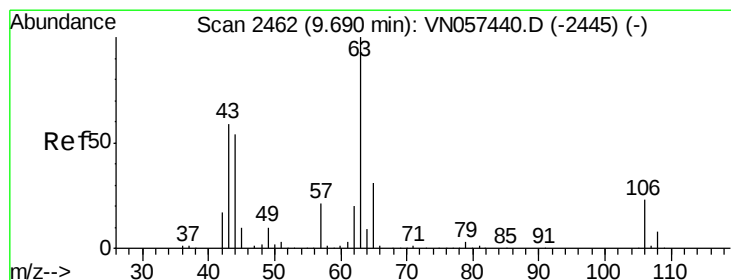
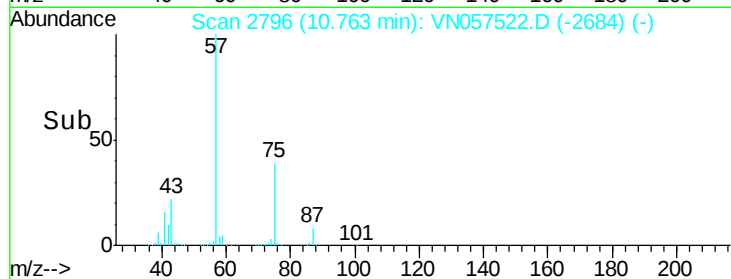
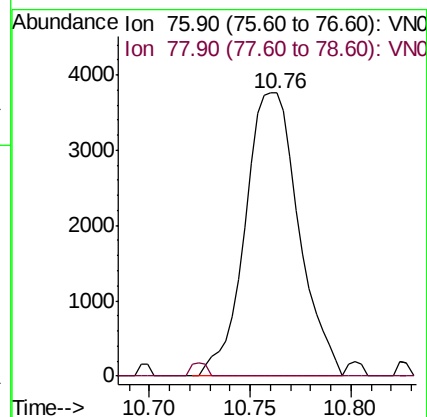
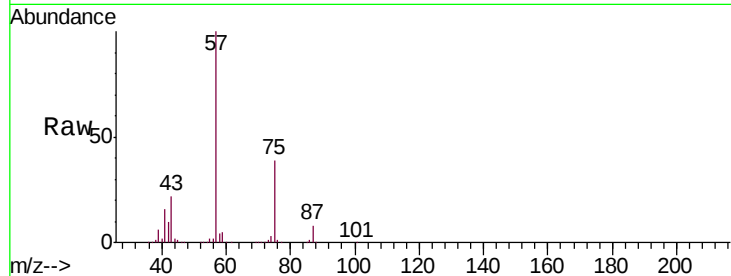
T1-2-C-(2.5)

Tgt Ion: 76 Resp: 6993

Ion Ratio Lower Upper

76 100

78 0.0 25.5 38.3#



#58

2-Chloroethyl Vinyl ether

Concen: 17.079 ug/l

RT: 9.62 min Scan# 2441

Delta R.T. -0.07 min

Lab File: VN057522.D

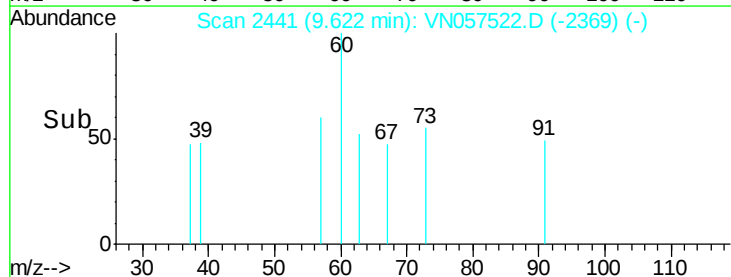
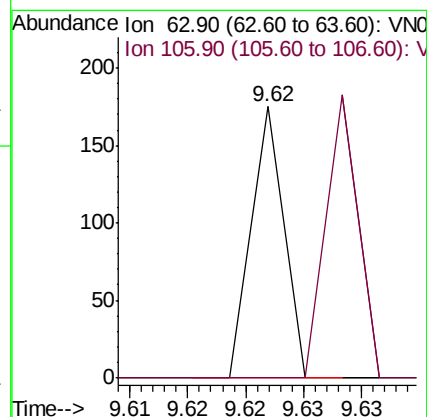
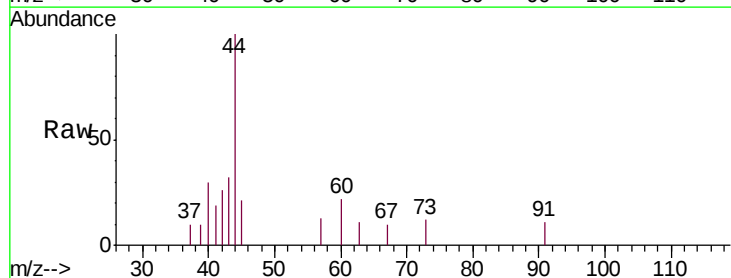
Acq: 26 Aug 2019 20:22

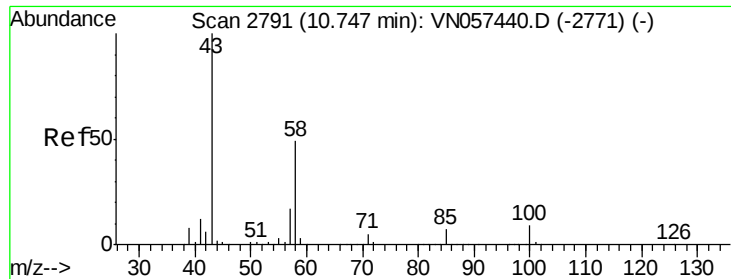
Tgt Ion: 63 Resp: 34

Ion Ratio Lower Upper

63 100

106 102.9 18.6 27.8#

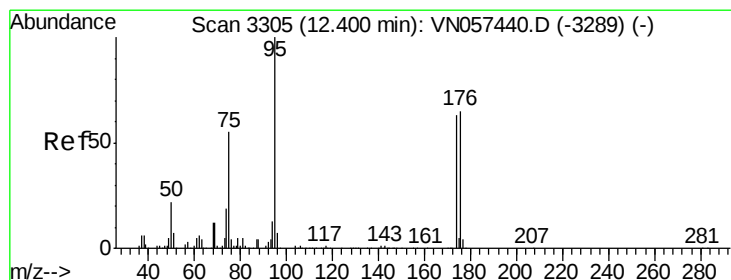
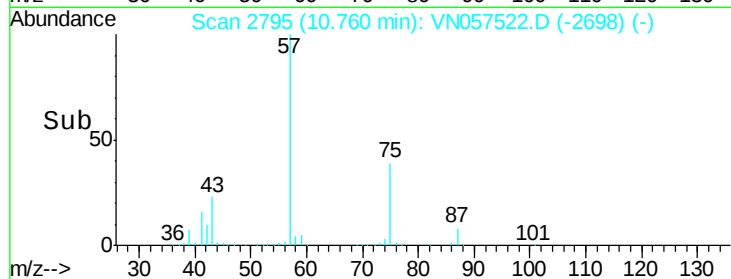
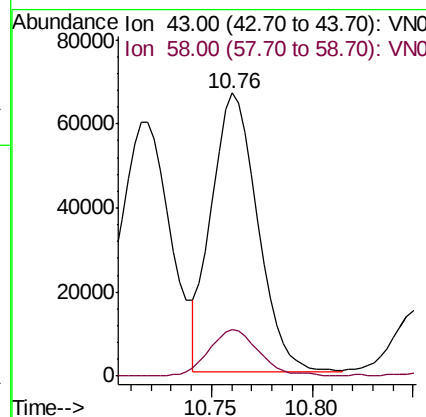
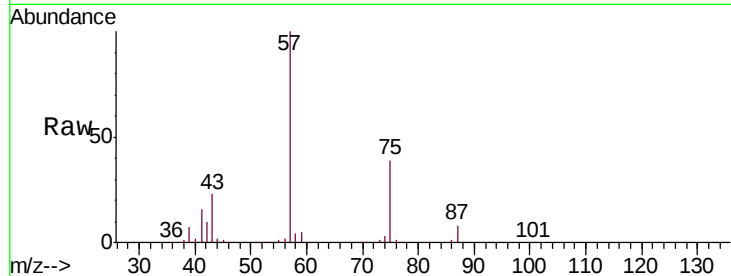




#59
2-Hexanone
Concen: 21.762 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN057522.D
Acq: 26 Aug 2019 20:22

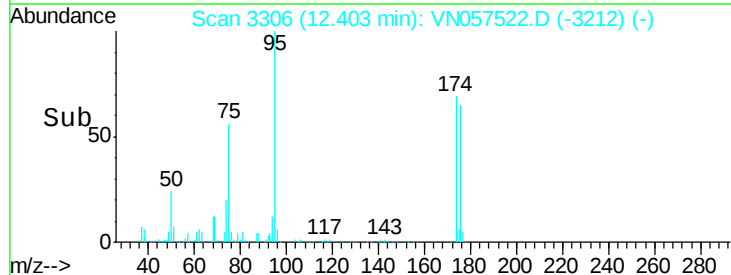
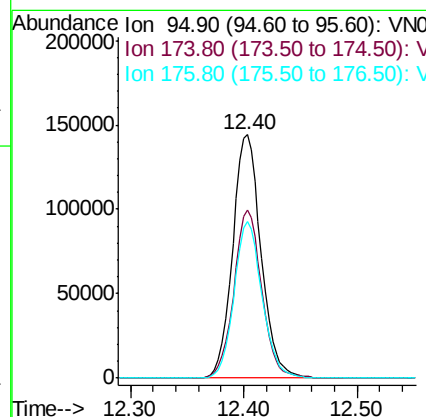
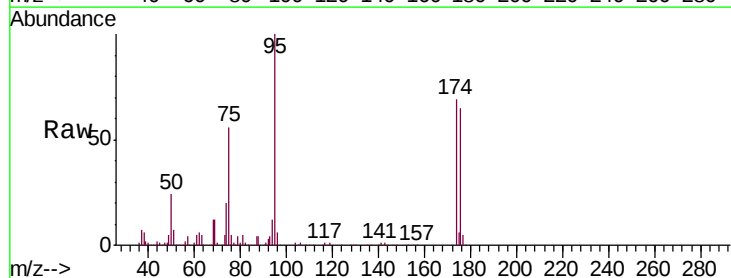
Instrument :
MSVOA_N
ClientSampled :
T1-2-C-(2.5)

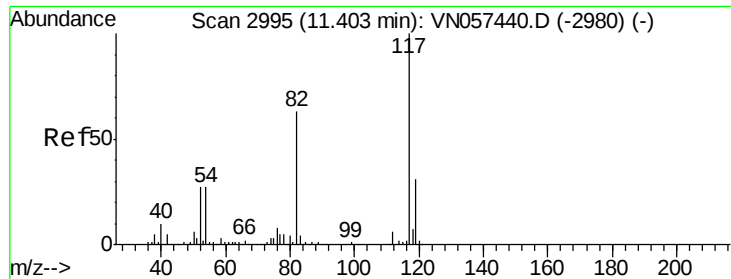
Tgt Ion: 43 Resp: 105653
Ion Ratio Lower Upper
43 100
58 18.2 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 42.336 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057522.D
Acq: 26 Aug 2019 20:22

Tgt Ion: 95 Resp: 251372
Ion Ratio Lower Upper
95 100
174 67.8 0.0 133.0
176 63.5 0.0 130.8

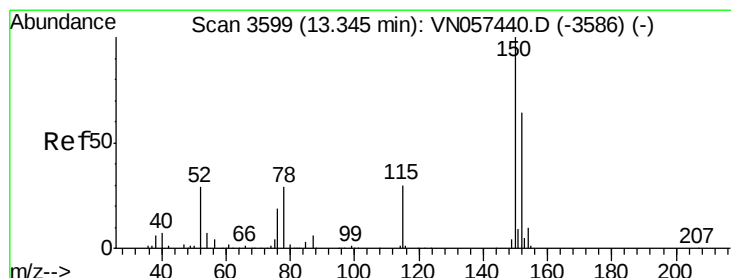
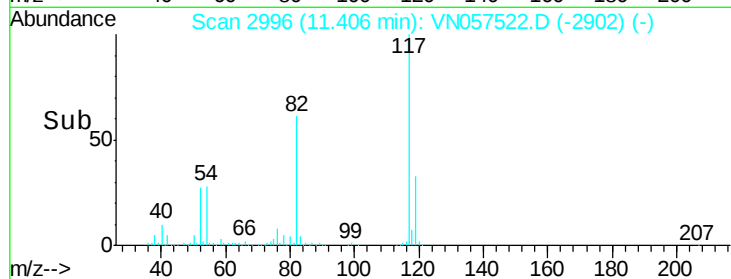
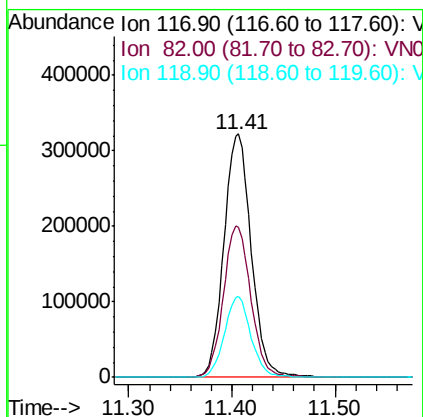
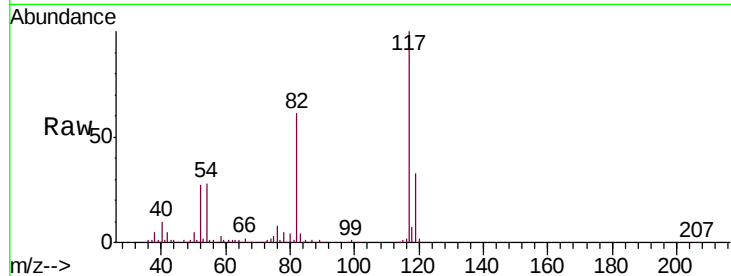




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057522.D
Acq: 26 Aug 2019 20:22

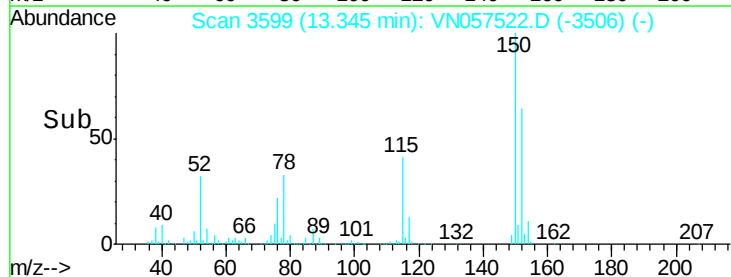
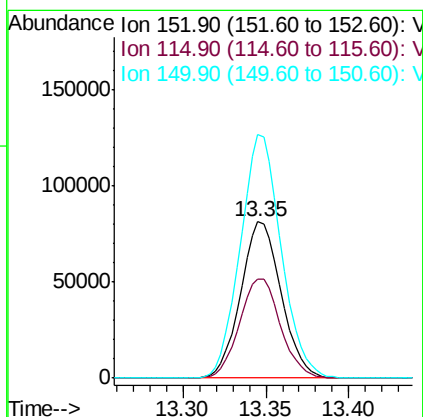
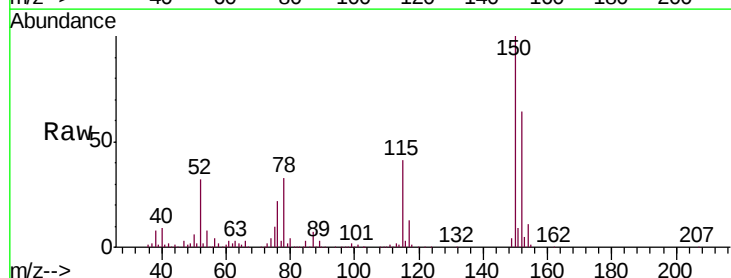
Instrument :
MSVOA_N
ClientSampled :
T1-2-C-(2.5)

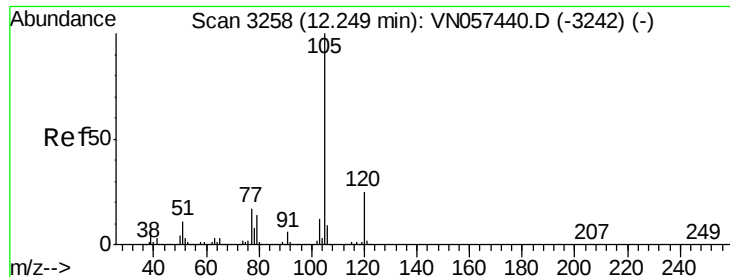
Tgt Ion:117 Resp: 595983
Ion Ratio Lower Upper
117 100
82 61.5 50.6 75.8
119 33.3 24.6 36.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN057522.D
Acq: 26 Aug 2019 20:22

Tgt Ion:152 Resp: 138162
Ion Ratio Lower Upper
152 100
115 64.4 32.0 96.0
150 156.8 0.0 346.6





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.40 min Scan# 3306

Delta R.T. 0.16 min

Lab File: VN057522.D

Acq: 26 Aug 2019 20:22

Instrument :

MSVOA_N

ClientSampled :

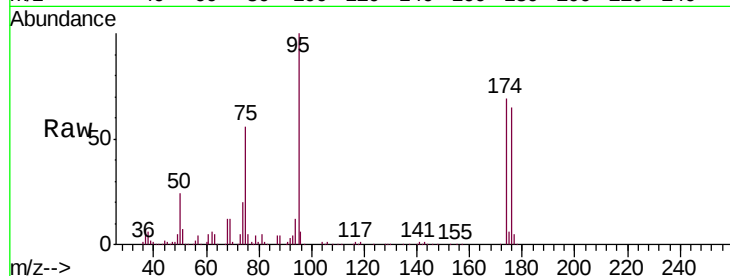
T1-2-C-(2.5)

Tgt Ion:105 Resp: 197

Ion Ratio Lower Upper

105 100

120 32.5 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300

250

200

150

100

50

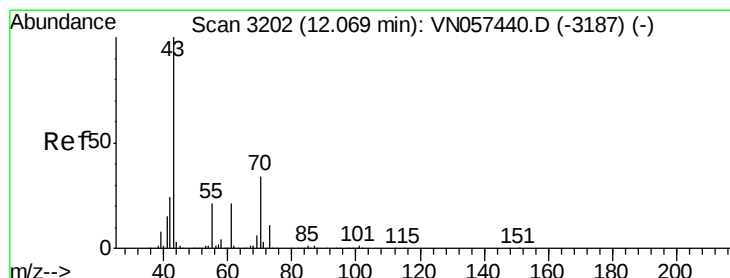
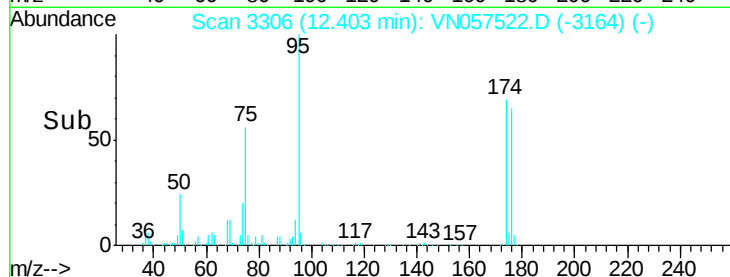
0

12.38

12.40

12.42

Time-->



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.06 min Scan# 3198

Delta R.T. -0.01 min

Lab File: VN057522.D

Acq: 26 Aug 2019 20:22

Tgt Ion: 43 Resp: 1331

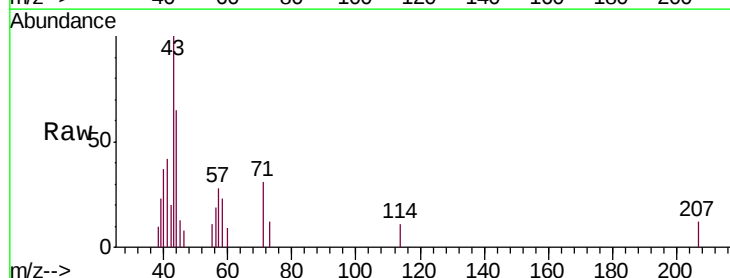
Ion Ratio Lower Upper

43 100

70 0.0 27.8 41.6#

55 12.2 17.0 25.4#

61 0.0 17.0 25.6#



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

3000

2500

2000

1500

1000

500

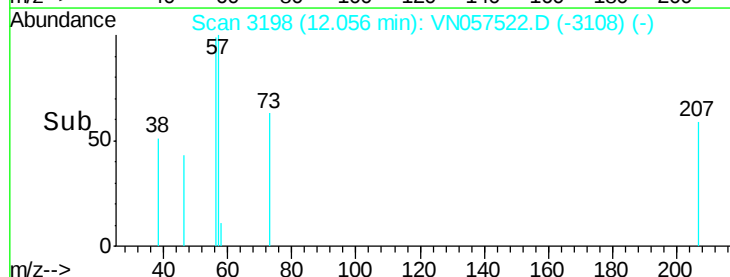
0

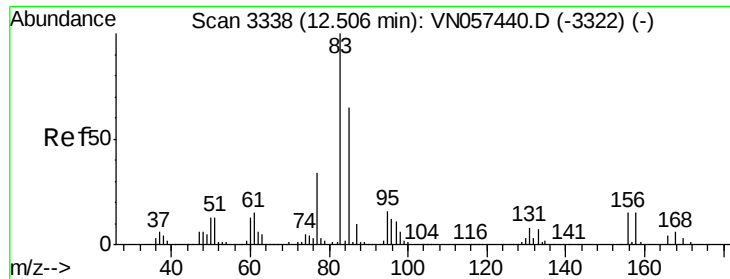
12.04

12.06

12.08

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.53 min Scan# 3344

Delta R.T. 0.02 min

Lab File: VN057522.D

Acq: 26 Aug 2019 20:22

Instrument :

MSVOA_N

ClientSampleId :

T1-2-C-(2.5)

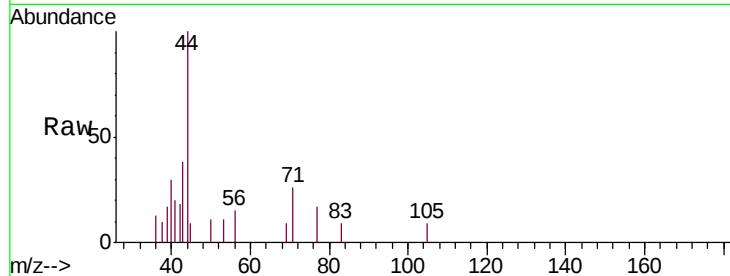
Tgt Ion: 83 Resp: 30

Ion Ratio Lower Upper

83 100

131 0.0 4.3 13.1#

85 0.0 32.3 96.8#



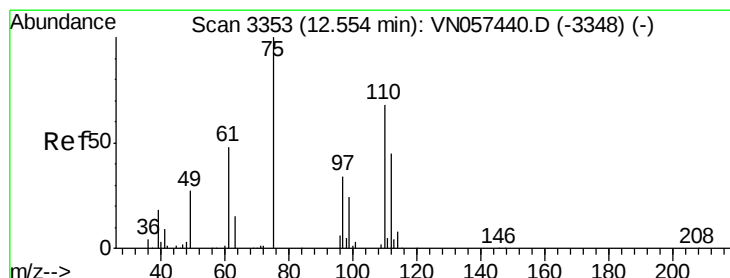
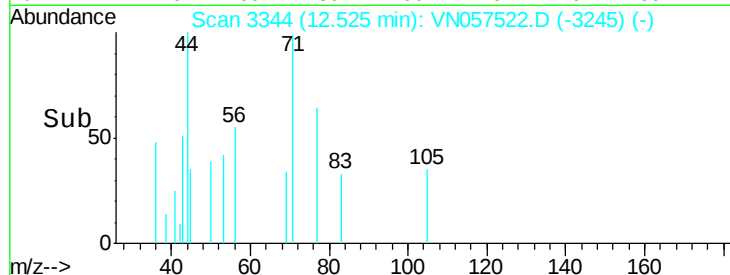
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

12.53

Time-->



#76

1,2,3-Trichloropropane

Concen: 46.483 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057522.D

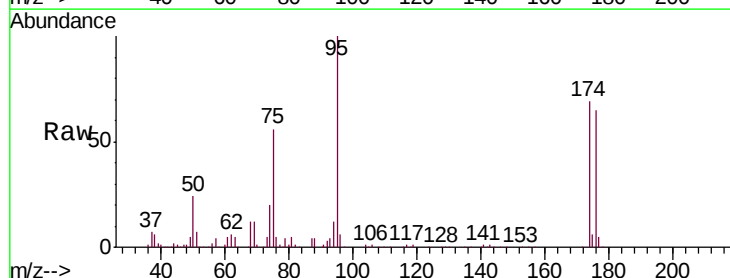
Acq: 26 Aug 2019 20:22

Tgt Ion: 75 Resp: 142955

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#

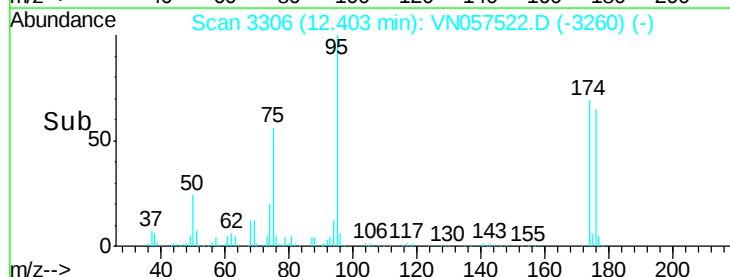


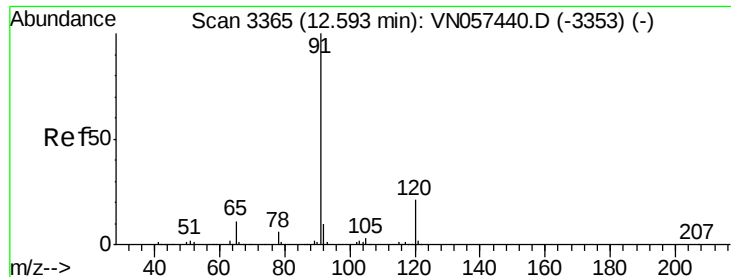
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

Time-->





#78

n-propylbenzene

Concen: Below Cal

RT: 12.60 min Scan# 3367

Delta R.T. 0.01 min

Lab File: VN057522.D

Acq: 26 Aug 2019 20:22

Instrument :

MSVOA_N

ClientSampleId :

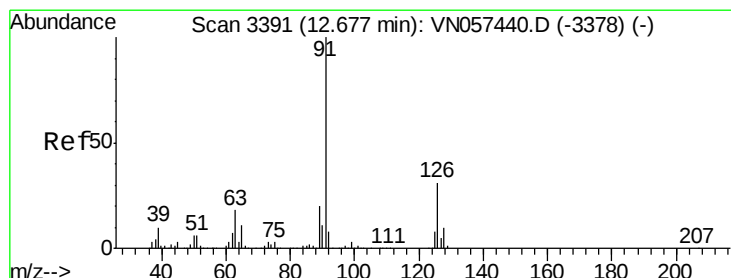
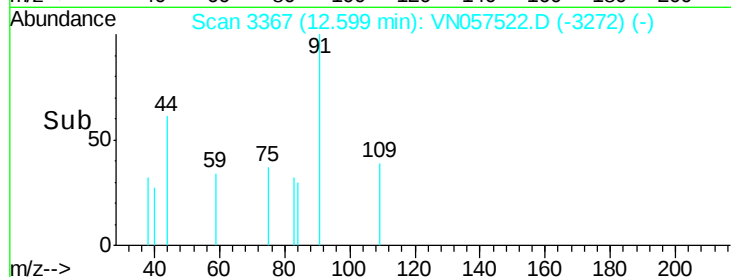
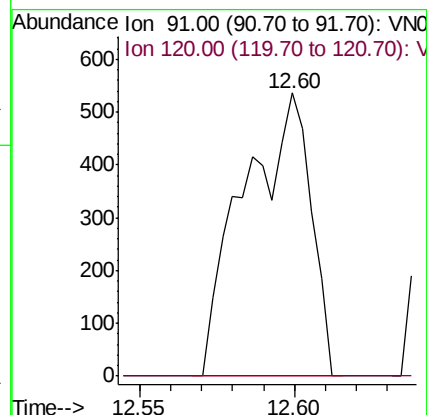
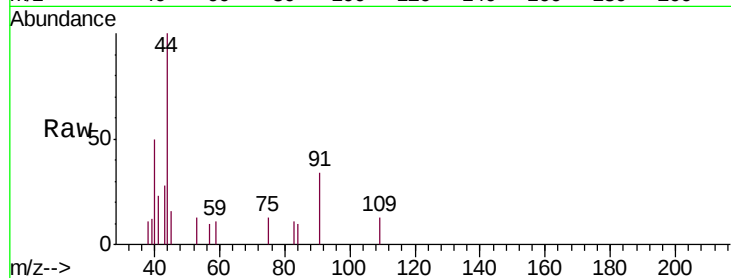
T1-2-C-(2.5)

Tgt Ion: 91 Resp: 807

Ion Ratio Lower Upper

91 100

120 0.0 10.7 32.1#



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN057522.D

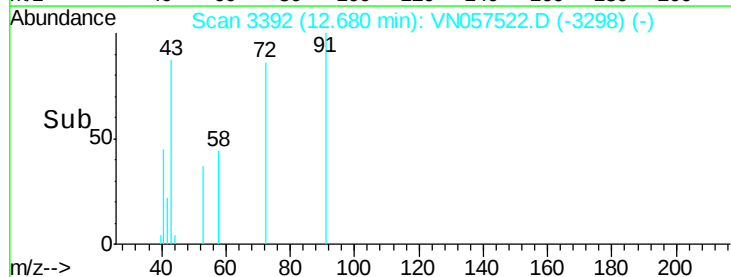
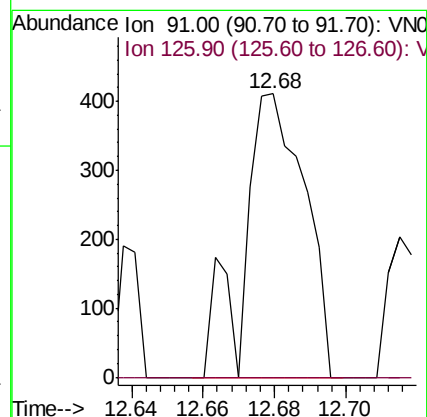
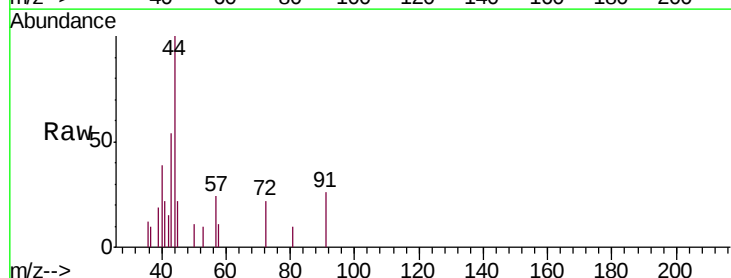
Acq: 26 Aug 2019 20:22

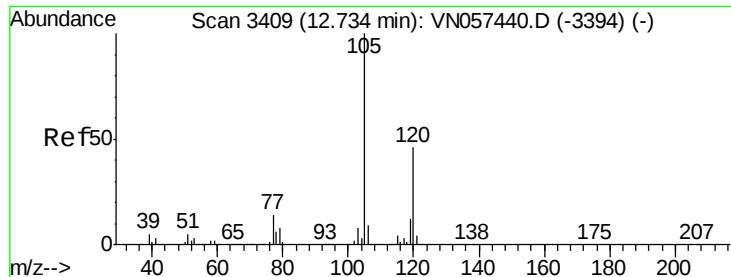
Tgt Ion: 91 Resp: 488

Ion Ratio Lower Upper

91 100

126 0.0 15.3 45.8#

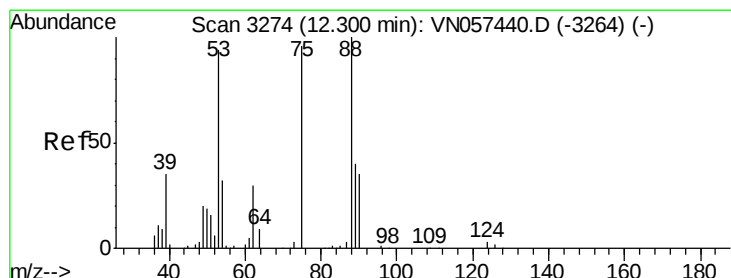
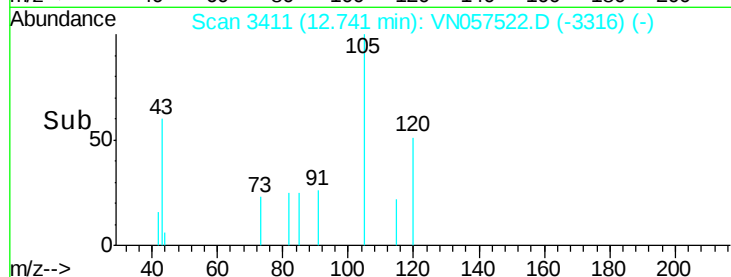
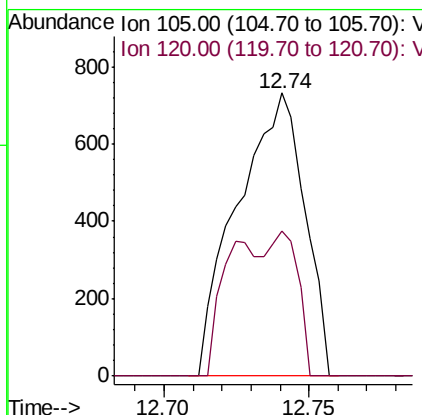
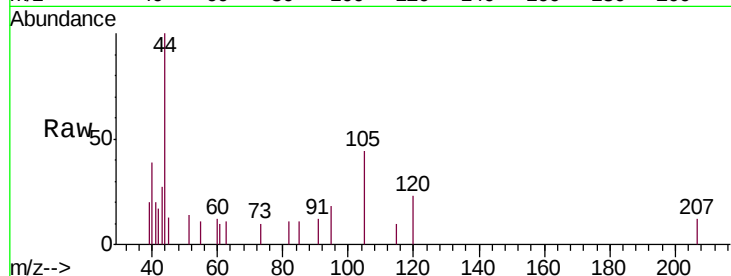




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.74 min Scan# 3411
 Delta R.T. 0.01 min
 Lab File: VN057522.D
 Acq: 26 Aug 2019 20:22

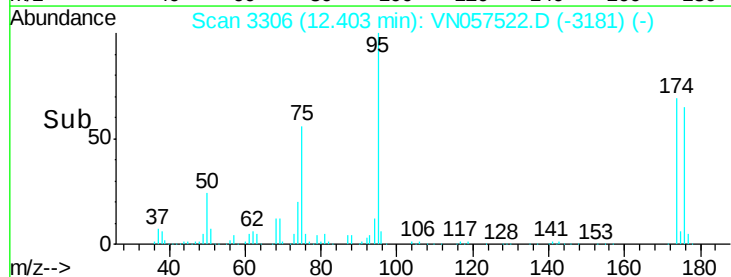
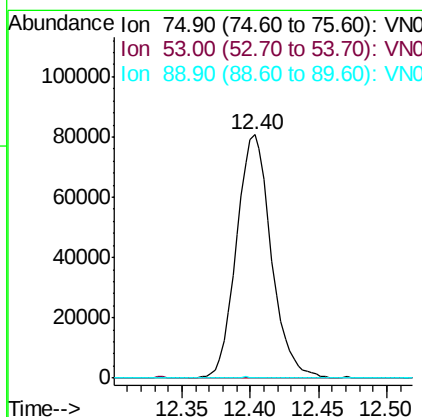
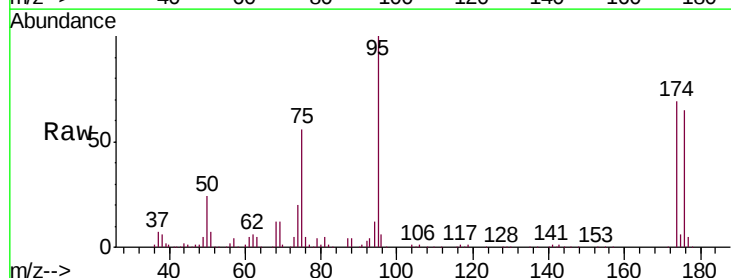
Instrument :
 MSVOA_N
 ClientSampled :
 T1-2-C-(2.5)

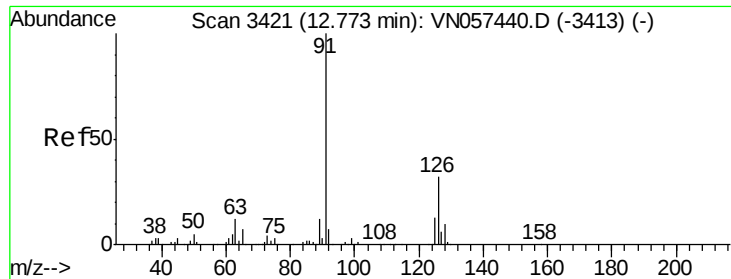
Tgt Ion: 105 Resp: 1177
 Ion Ratio Lower Upper
 105 100
 120 29.7 23.3 69.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.936 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN057522.D
 Acq: 26 Aug 2019 20:22

Tgt Ion: 75 Resp: 142955
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.7 124.1#
 89 0.2 35.8 53.8#





#82

4-Chlorotoluene

Concen: Below Cal

RT: 12.78 min Scan# 3423

Delta R.T. 0.01 min

Lab File: VN057522.D

Acq: 26 Aug 2019 20:22

Instrument :

MSVOA_N

ClientSampled :

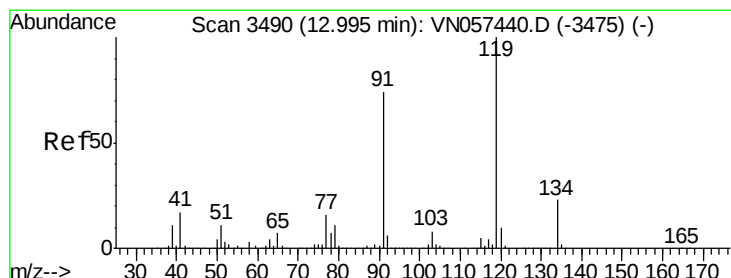
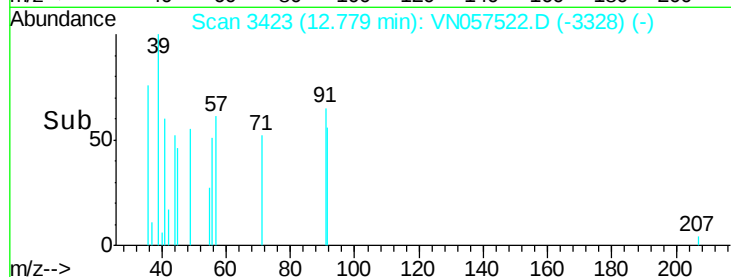
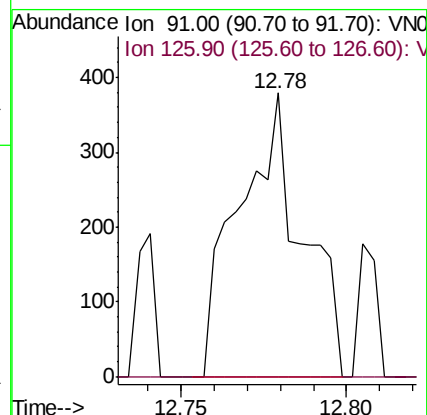
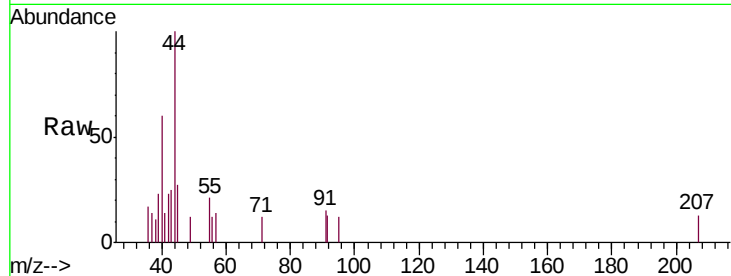
T1-2-C-(2.5)

Tgt Ion: 91 Resp: 505

Ion Ratio Lower Upper

91 100

126 0.0 15.0 45.0#



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.00 min Scan# 3491

Delta R.T. 0.00 min

Lab File: VN057522.D

Acq: 26 Aug 2019 20:22

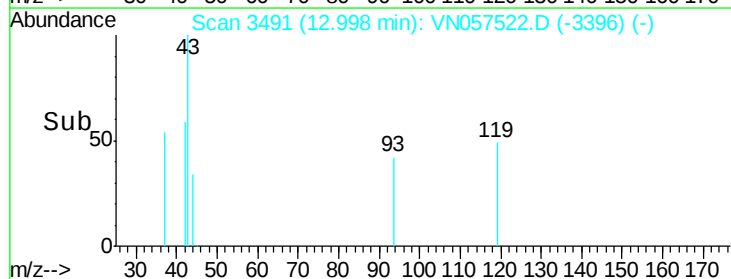
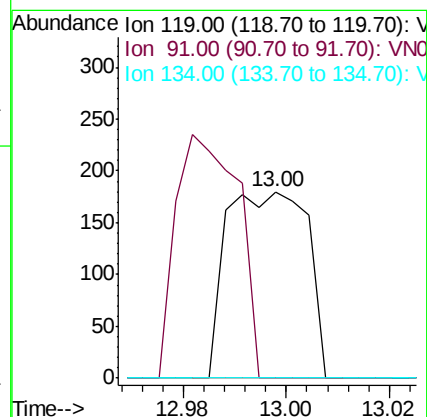
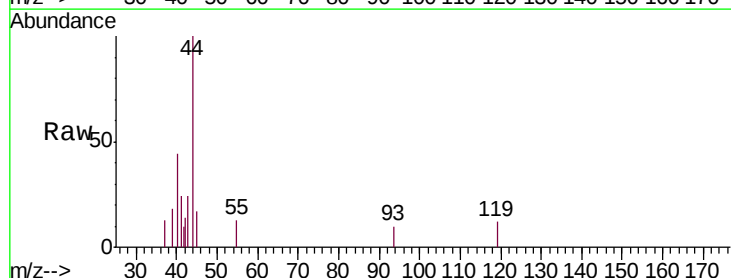
Tgt Ion: 119 Resp: 195

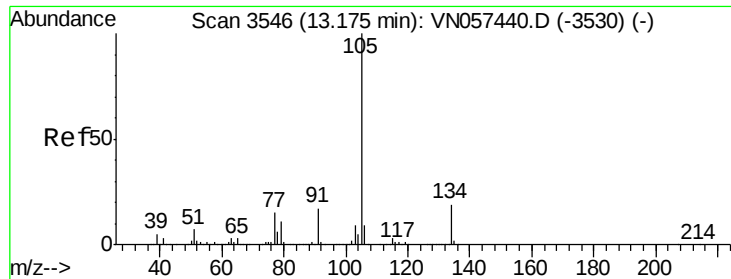
Ion Ratio Lower Upper

119 100

91 100.0 37.0 111.0

134 0.0 12.2 36.6#





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3544

Delta R.T. -0.01 min

Lab File: VN057522.D

Acq: 26 Aug 2019 20:22

Instrument :

MSVOA_N

ClientSampleId :

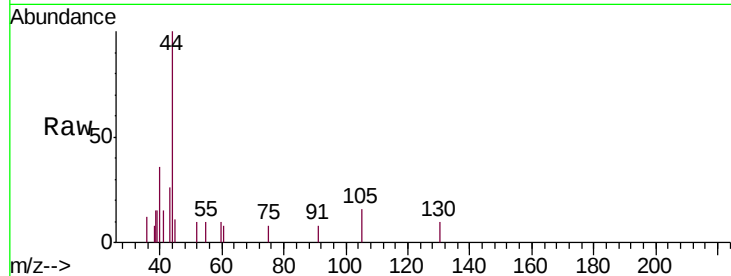
T1-2-C-(2.5)

Tgt Ion:105 Resp: 333

Ion Ratio Lower Upper

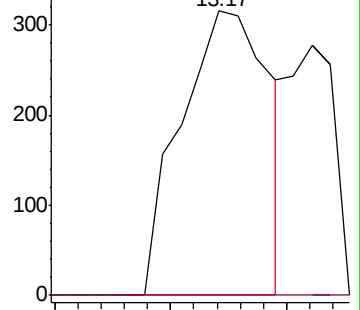
105 100

134 0.0 9.3 27.9#

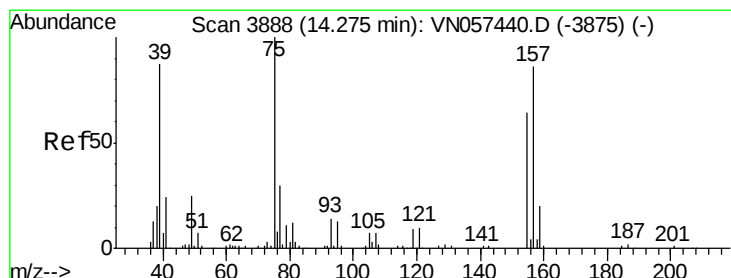
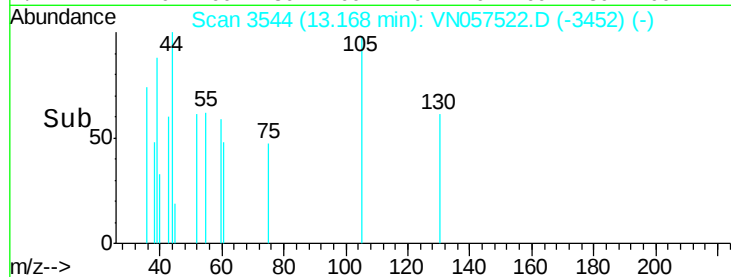


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time--> 13.14 13.16 13.18



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.39 min Scan# 3923

Delta R.T. 0.11 min

Lab File: VN057522.D

Acq: 26 Aug 2019 20:22

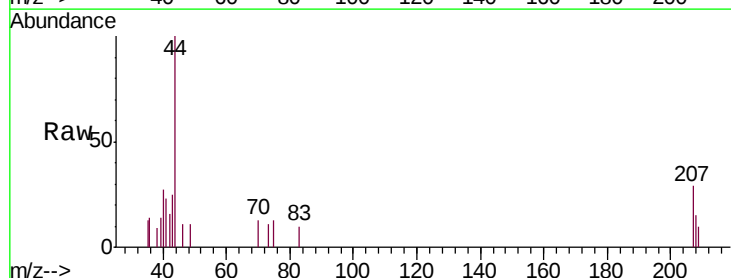
Tgt Ion: 75 Resp: 77

Ion Ratio Lower Upper

75 100

155 0.0 31.6 94.7#

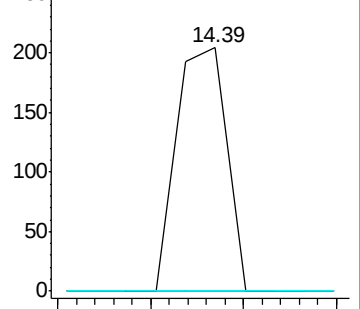
157 0.0 43.3 129.8#



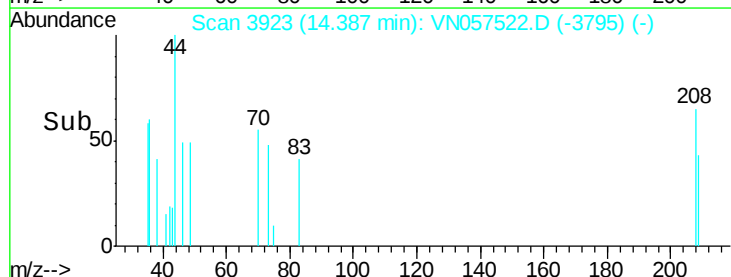
Abundance Ion 74.90 (74.60 to 75.60): V

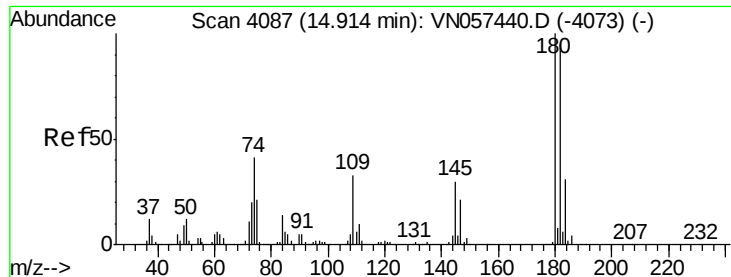
Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



Time--> 14.37 14.38 14.39

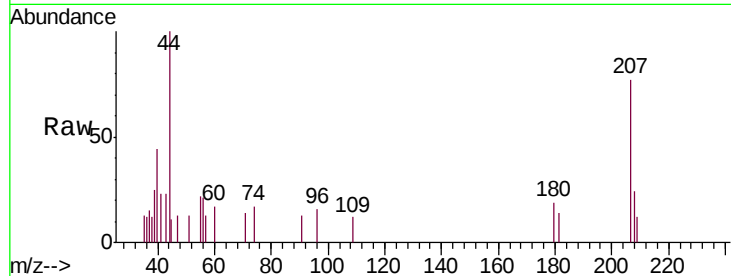




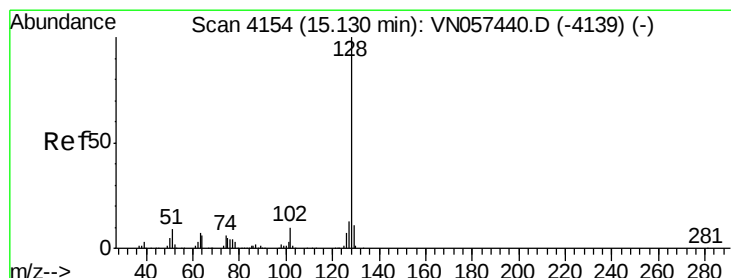
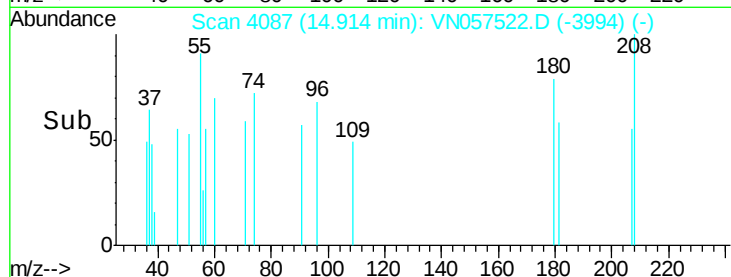
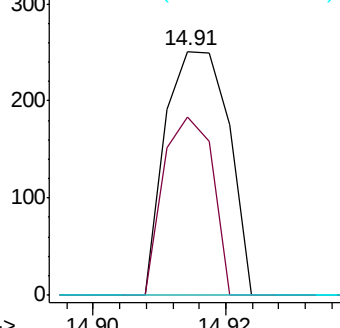
#93
 1,2,4-Trichlorobenzene
 Concen: 5.458 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057522.D
 Acq: 26 Aug 2019 20:22

Instrument :
 MSVOA_N
 ClientSampled :
 T1-2-C-(2.5)

Tgt Ion:180 Resp: 167
 Ion Ratio Lower Upper
 180 100
 182 56.9 46.7 140.1
 145 0.0 15.6 46.8#

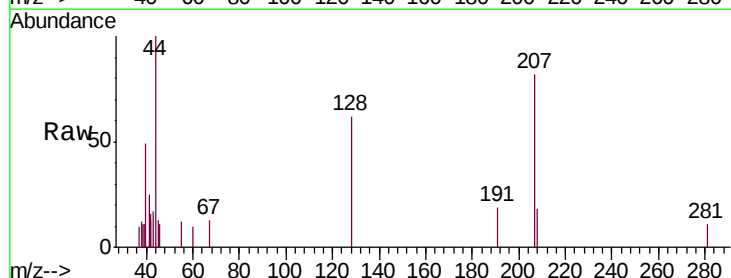


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

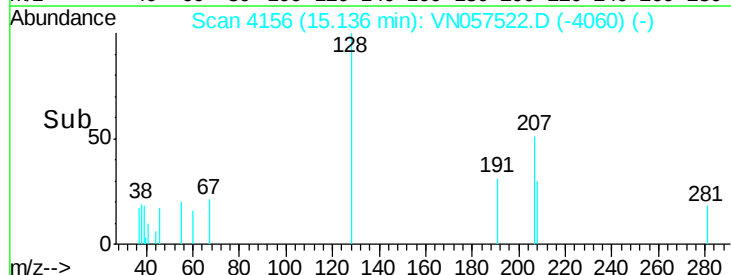
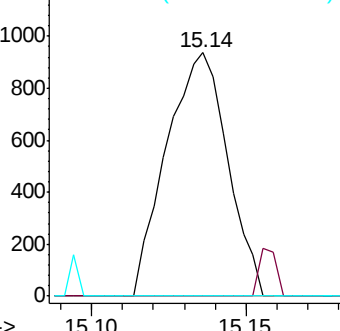


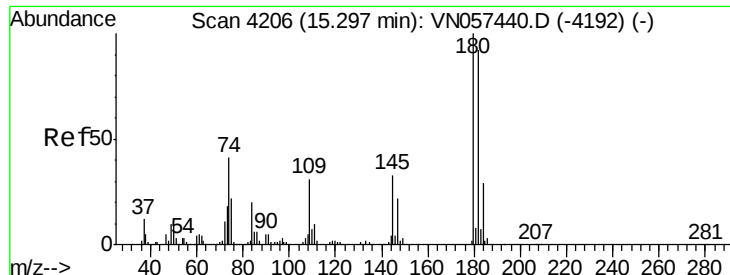
#95
 Naphthalene
 Concen: 4.552 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.01 min
 Lab File: VN057522.D
 Acq: 26 Aug 2019 20:22

Tgt Ion:128 Resp: 1282
 Ion Ratio Lower Upper
 128 100
 127 5.3 10.5 15.7#
 129 0.0 8.6 13.0#



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: 5.249 ug/l
 RT: 15.31 min Scan# 4209
 Delta R.T. 0.01 min
 Lab File: VN057522.D
 Acq: 26 Aug 2019 20:22

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-2-C-(2.5)

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	46.7	140.1#
145	82.9	16.8	50.3#

