

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
 Data File : VN057521.D
 Acq On : 26 Aug 2019 19:56
 Operator : JC/SP
 Sample : K4475-25
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Aug 27 07:17:22 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	378441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	658475	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	582869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	135341	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	309931	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
35) Dibromofluoromethane	7.58	113	203915	45.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.70%	
50) Toluene-d8	10.09	98	895105	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
62) 4-Bromofluorobenzene	12.40	95	244216	42.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.70%	

Target Compounds					Qvalue
8) Diethyl Ether	3.39	74	742	Below Cal	# 1
9) 1,1,2-Trichlorotrifluoroet	3.44	101	30	Below Cal	# 1
11) Tert butyl alcohol	4.81	59	276	0.334 ug/l	# 28
13) Acrolein	3.57	56	175	0.241 ug/l	# 83
16) Acetone	3.80	43	14857	4.860 ug/l	# 90
18) Methyl Acetate	4.29	43	3353	Below Cal	# 94
20) Methylene Chloride	4.53	84	10705	2.290 ug/l	# 95
31) Cyclohexane	7.65	56	12331	1.319 ug/l	# 14
36) 1,1-Dichloropropene	7.65	75	37273	5.540 ug/l	# 49
38) Carbon Tetrachloride	7.65	117	41025	6.138 ug/l	# 16
43) Isopropyl Acetate	8.16	43	95438	7.829 ug/l	# 99
48) Methyl methacrylate	9.18	41	4844	0.836 ug/l	# 17
49) 1,4-Dioxane	9.21	88	31	0.414 ug/l	# 18
51) 4-Methyl-2-Pentanone	9.98	43	5865	0.863 ug/l	# 82
54) cis-1,3-Dichloropropene	9.90	75	38366	4.384 ug/l	# 58
57) 1,3-Dichloropropane	10.76	76	6428	0.785 ug/l	# 43
58) 2-Chloroethyl Vinyl ether	9.69	63	33	17.080 ug/l	# 52
59) 2-Hexanone	10.76	43	101686	21.821 ug/l	# 55
71) Bromoform	12.40	173	2111	0.691 ug/l	# 1
73) Isopropylbenzene	12.25	105	235	Below Cal	# 50
74) N-amyl acetate	12.04	43	4523	Below Cal	# 49
75) 1,1,2,2-Tetrachloroethane	12.51	83	30	Below Cal	# 25
76) 1,2,3-Trichloropropane	12.40	75	141328	46.949 ug/l	# 100
78) n-propylbenzene	12.59	91	942	Below Cal	# 79
79) 2-Chlorotoluene	12.68	91	435	Below Cal	# 76
80) 1,3,5-Trimethylbenzene	12.73	105	1529	Below Cal	# 83
81) trans-1,4-Dichloro-2-buten	12.40	75	141328	120.063 ug/l	# 9
82) 4-Chlorotoluene	12.68	91	435	Below Cal	# 75
83) tert-Butylbenzene	12.99	119	176	Below Cal	# 1
85) sec-Butylbenzene	13.17	105	574	Below Cal	# 58
90) Hexachloroethane	13.60	117	59	Below Cal	# 17
92) 1,2-Dibromo-3-Chloropropan	14.28	75	66	Below Cal	# 35
93) 1,2,4-Trichlorobenzene	14.90	180	523	5.648 ug/l	# 81
95) Naphthalene	15.13	128	1679	4.624 ug/l	# 69

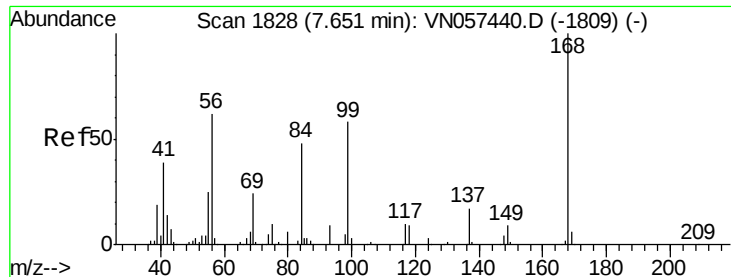
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
Data File : VN057521.D
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T1-2-B-(2.5)

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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)
96) 1,2,3-Trichlorobenzene	15.29	180	406	5.331	ug/l #	53

(#) = 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: VN057521.D

Acq: 26 Aug 2019 19:56

Instrument :

MSVOA_N

ClientSampleId :

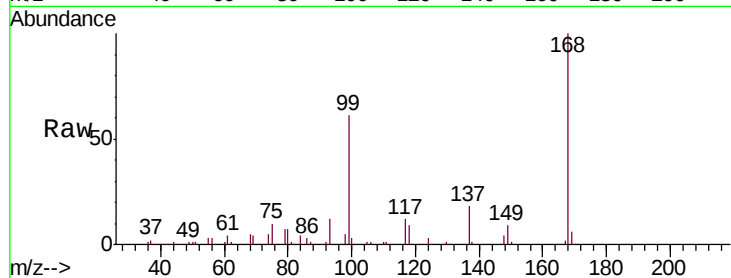
T1-2-B-(2.5)

Tgt Ion:168 Resp: 378441

Ion Ratio Lower Upper

168 100

99 61.5 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

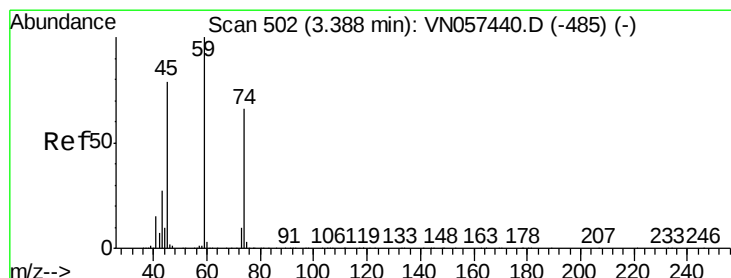
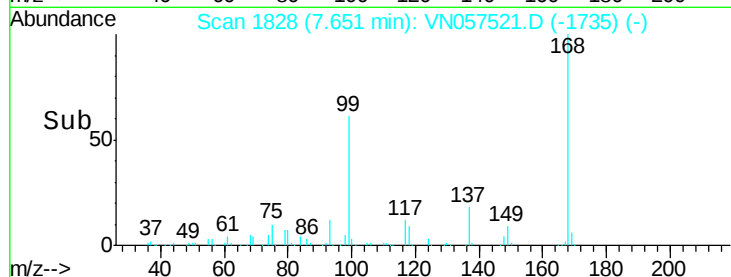
100000

50000

0

7.60 7.70

Time-->



#8

Diethyl Ether

Concen: Below Cal

RT: 3.39 min Scan# 502

Delta R.T. 0.00 min

Lab File: VN057521.D

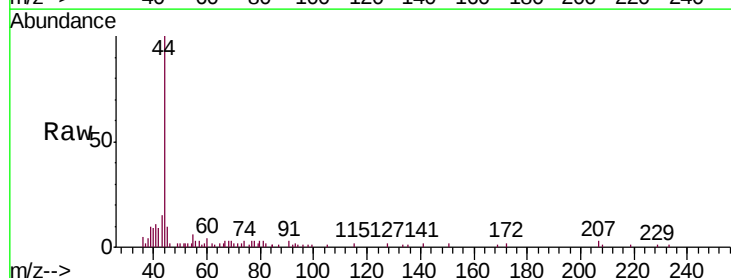
Acq: 26 Aug 2019 19:56

Tgt Ion: 74 Resp: 742

Ion Ratio Lower Upper

74 100

45 0.0 57.9 173.6#



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN

1500

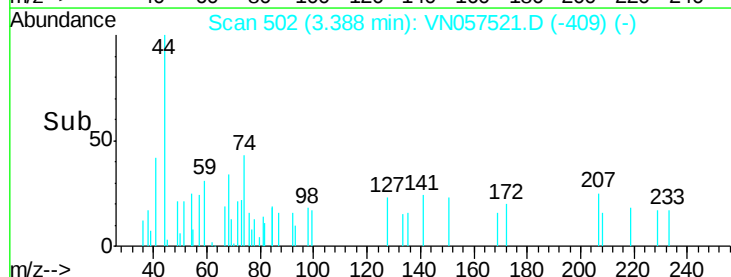
1000

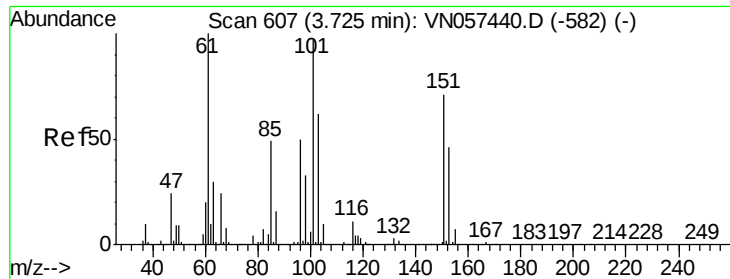
500

0

3.36 3.38 3.40

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.44 min Scan# 519

Delta R.T. -0.28 min

Lab File: VN057521.D

Acq: 26 Aug 2019 19:56

Instrument :

MSVOA_N

ClientSampled :

T1-2-B-(2.5)

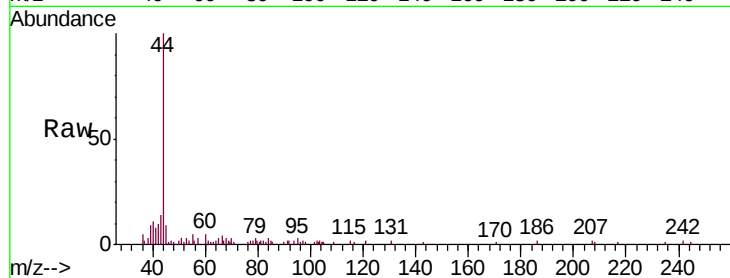
Tgt Ion:101 Resp: 30

Ion Ratio Lower Upper

101 100

85 1246.7 40.0 60.0#

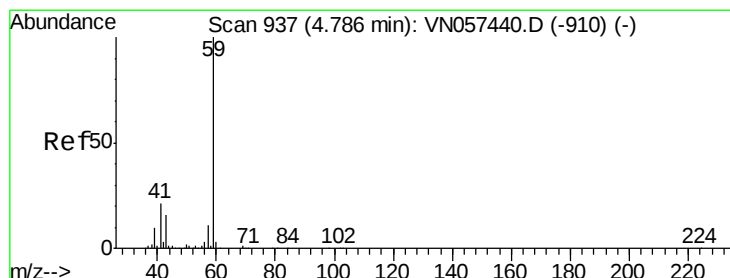
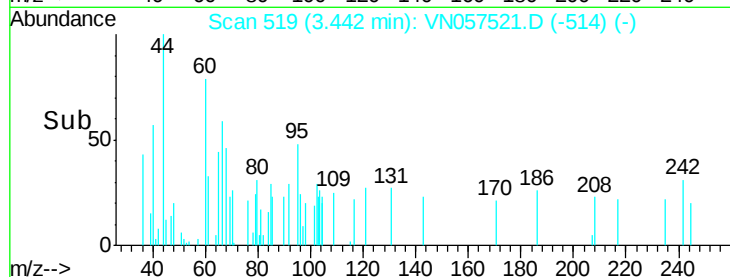
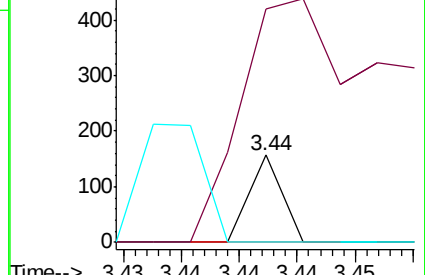
151 0.0 57.0 85.6#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#11

Tert butyl alcohol

Concen: 0.334 ug/l

RT: 4.81 min Scan# 944

Delta R.T. 0.02 min

Lab File: VN057521.D

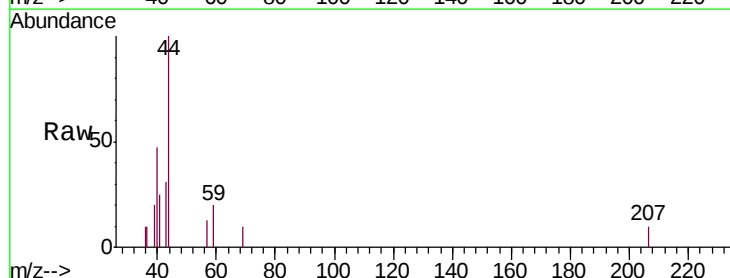
Acq: 26 Aug 2019 19:56

Tgt Ion: 59 Resp: 276

Ion Ratio Lower Upper

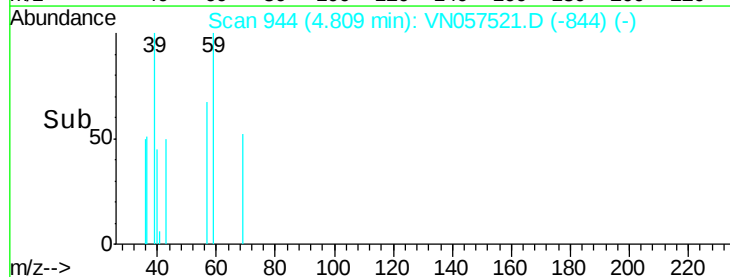
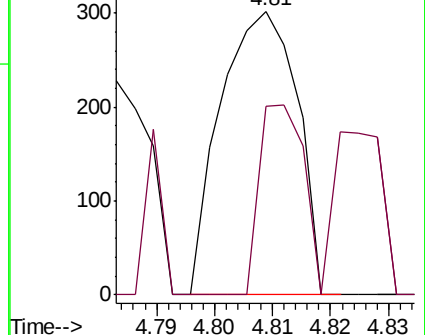
59 100

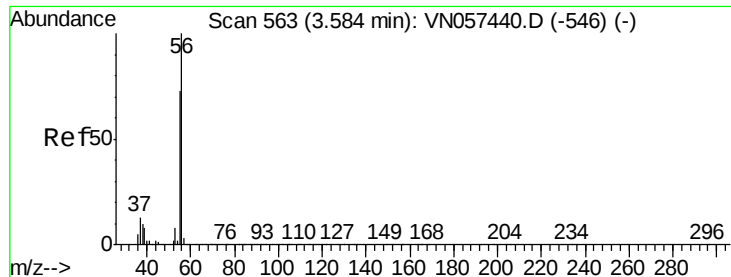
57 39.1 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN





#13

Acrolein

Concen: 0.241 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.01 min

Lab File: VN057521.D

Acq: 26 Aug 2019 19:56

Instrument :

MSVOA_N

ClientSampled :

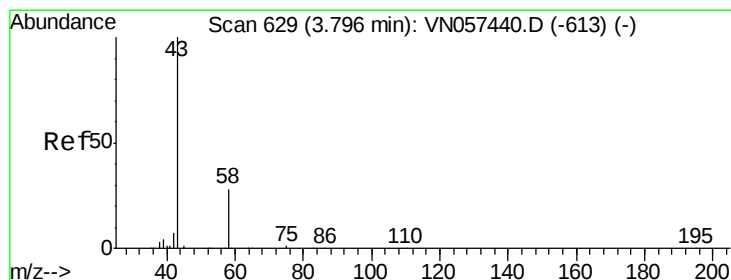
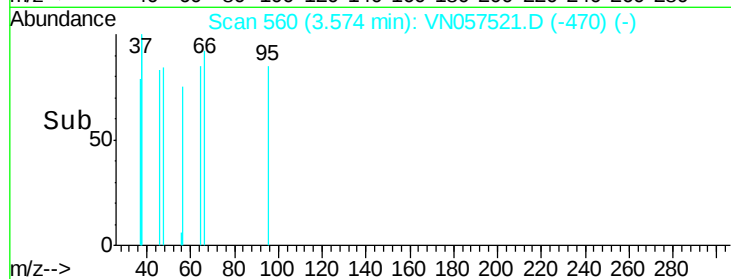
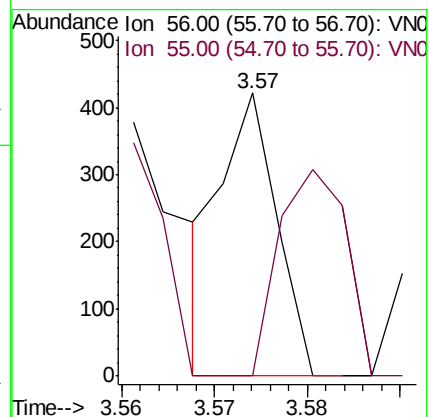
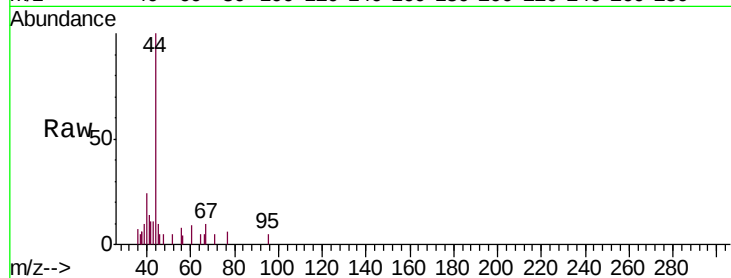
T1-2-B-(2.5)

Tgt Ion: 56 Resp: 175

Ion Ratio Lower Upper

56 100

55 88.0 59.0 88.4



#16

Acetone

Concen: 4.860 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN057521.D

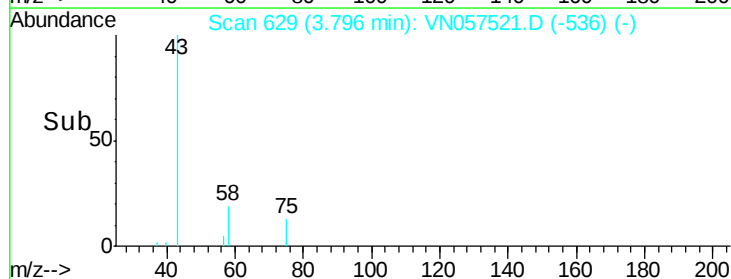
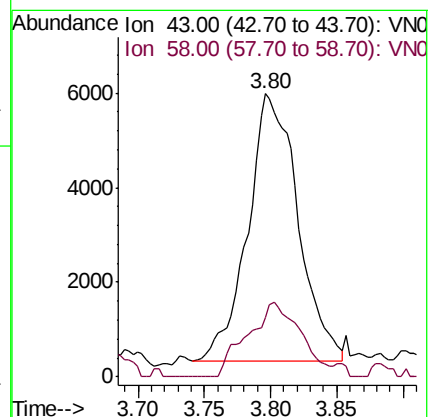
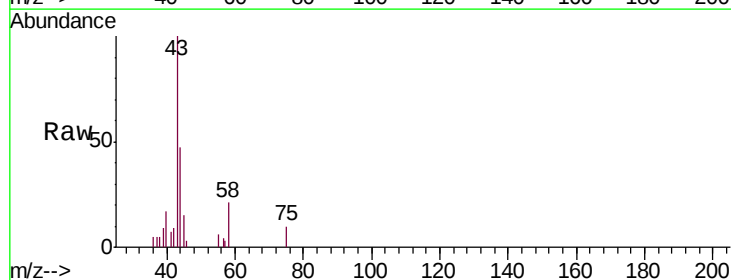
Acq: 26 Aug 2019 19:56

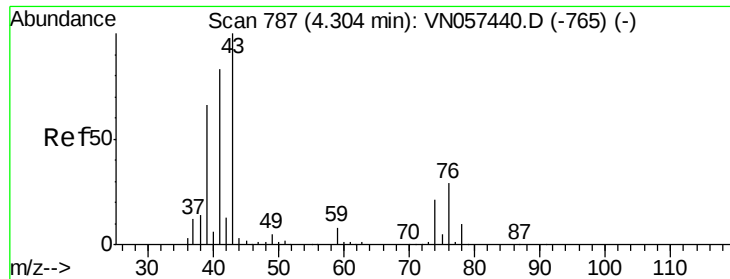
Tgt Ion: 43 Resp: 14857

Ion Ratio Lower Upper

43 100

58 22.2 22.1 33.1





#18

Methyl Acetate

Concen: Below Cal

RT: 4.29 min Scan# 784

Delta R.T. -0.01 min

Lab File: VN057521.D

Acq: 26 Aug 2019 19:56

Instrument :

MSVOA_N

ClientSampled :

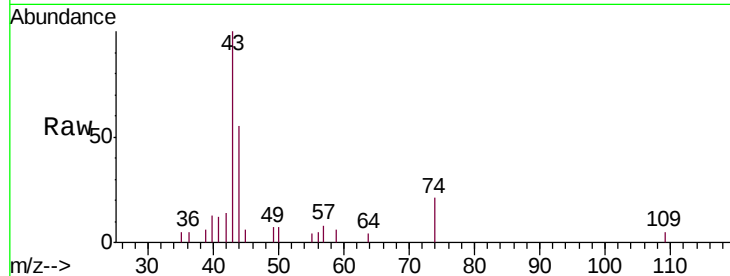
T1-2-B-(2.5)

Tgt Ion: 43 Resp: 3353

Ion Ratio Lower Upper

43 100

74 22.8 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VN057440.D (-765) (-)

Ion 74.00 (73.70 to 74.70): VN057440.D (-765) (-)

4.29

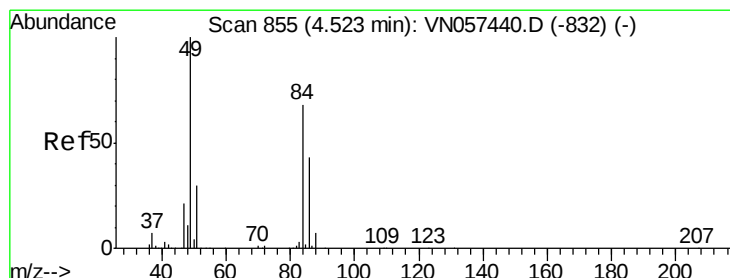
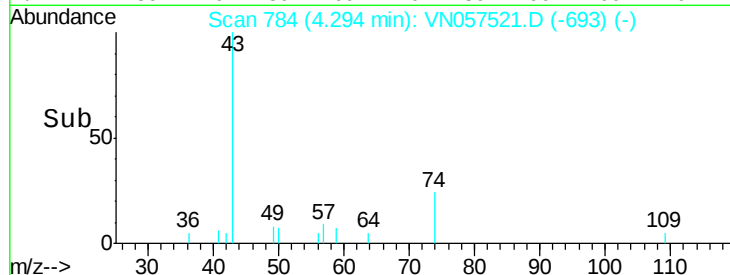
3000

2000

1000

0

Time-->



#20

Methylene Chloride

Concen: 2.290 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.01 min

Lab File: VN057521.D

Acq: 26 Aug 2019 19:56

Tgt Ion: 84 Resp: 10705

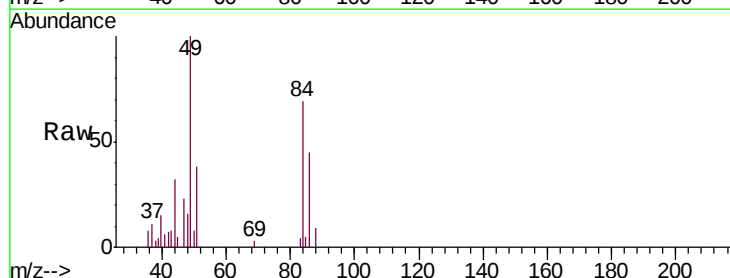
Ion Ratio Lower Upper

84 100

49 144.8 117.0 175.4

51 55.0 35.5 53.3#

86 65.7 49.8 74.8



Abundance Ion 83.90 (83.60 to 84.60): VN057440.D (-832) (-)

Ion 48.90 (48.60 to 49.60): VN057440.D (-832) (-)

Ion 50.90 (50.60 to 51.60): VN057440.D (-832) (-)

Ion 85.90 (85.60 to 86.60): VN057440.D (-832) (-)

4.53

8000

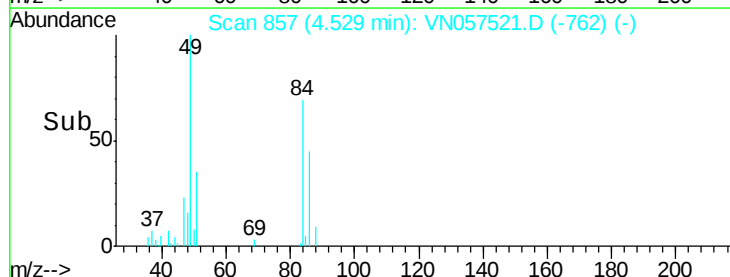
6000

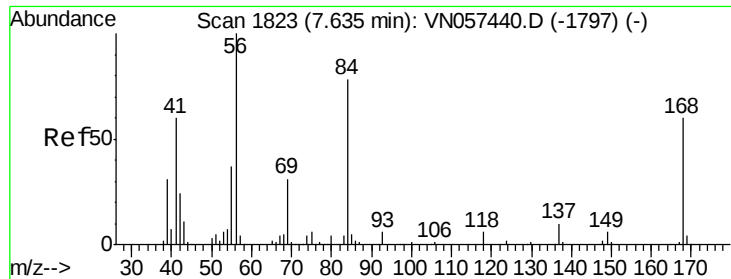
4000

2000

0

Time-->

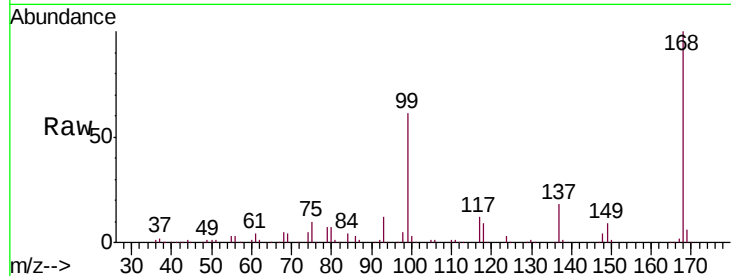




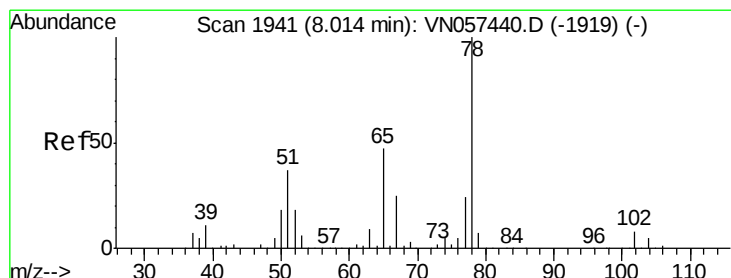
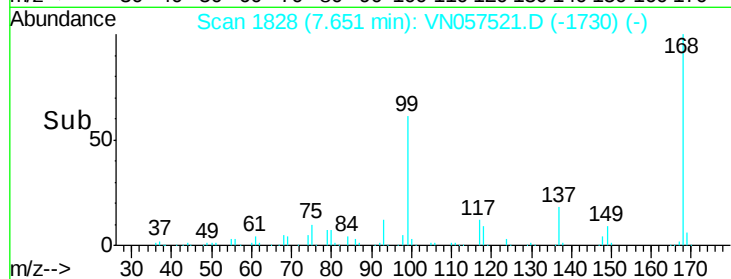
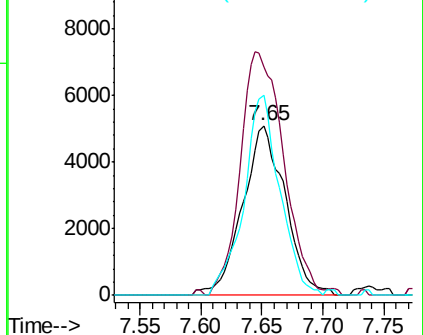
#31
Cyclohexane
Concen: 1.319 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.02 min
Lab File: VN057521.D
Acq: 26 Aug 2019 19:56

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

Tgt Ion: 56 Resp: 12331
Ion Ratio Lower Upper
56 100
69 134.4 25.0 37.6#
84 117.6 62.5 93.7#

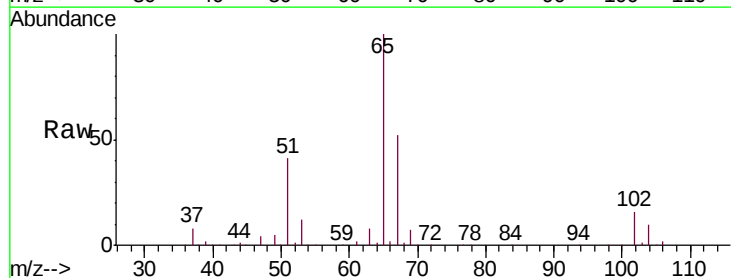


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

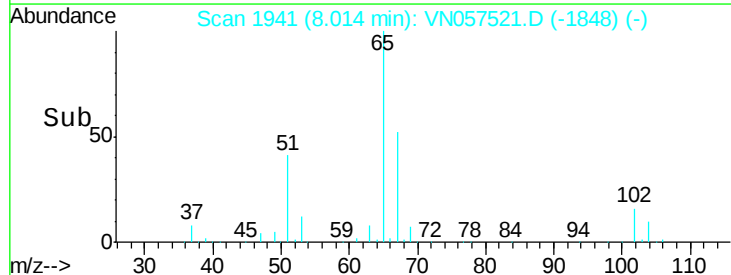
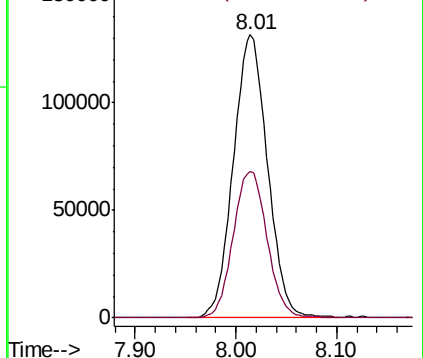


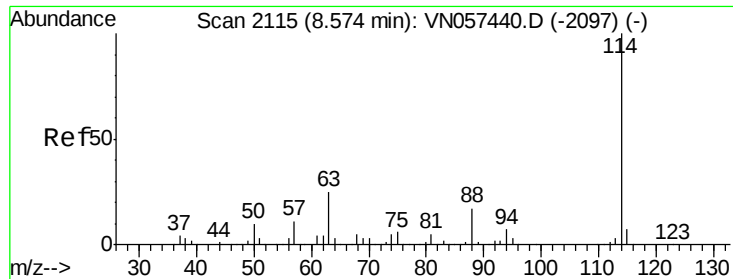
#33
1,2-Dichloroethane-d4
Concen: 46.555 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057521.D
Acq: 26 Aug 2019 19:56

Tgt Ion: 65 Resp: 309931
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.8



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

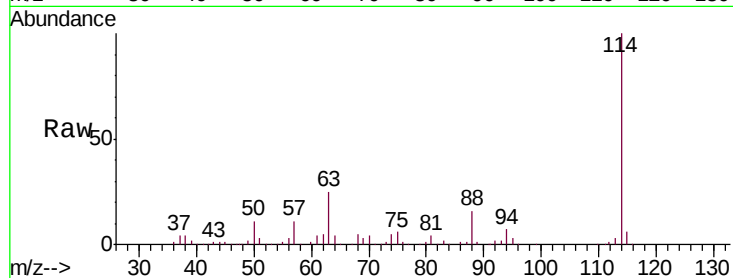




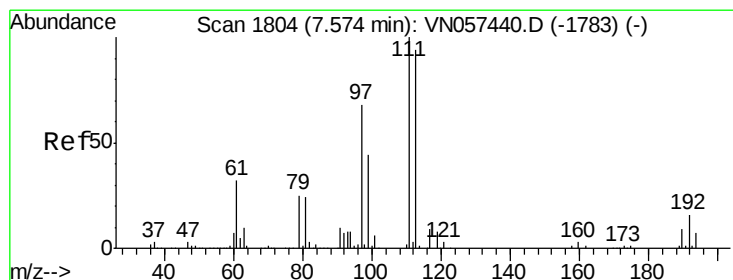
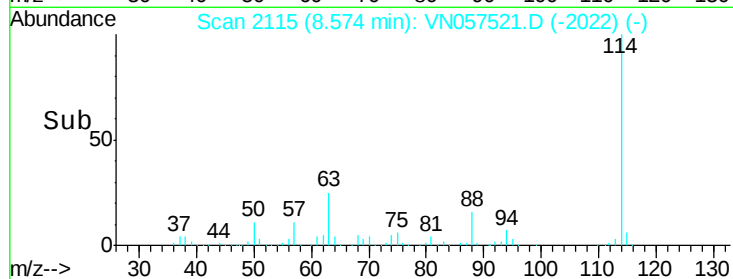
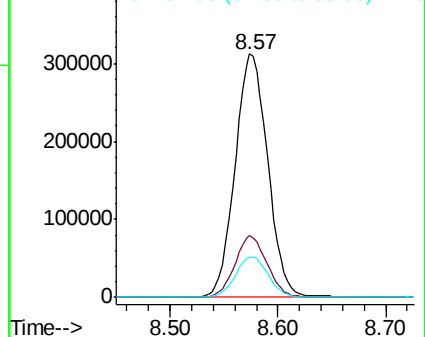
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN057521.D
 Acq: 26 Aug 2019 19:56

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

Tgt Ion:114 Resp: 658475
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 50.2
 88 16.5 0.0 34.6

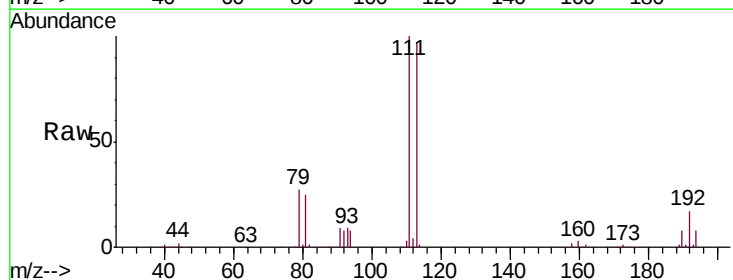


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

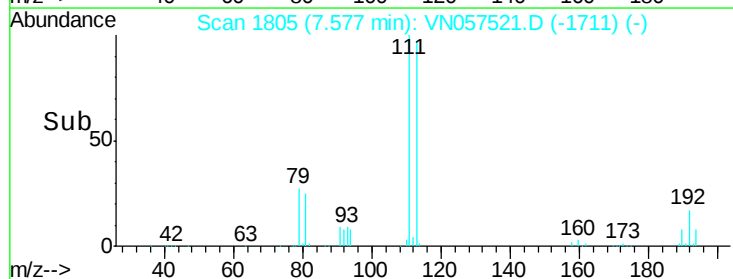
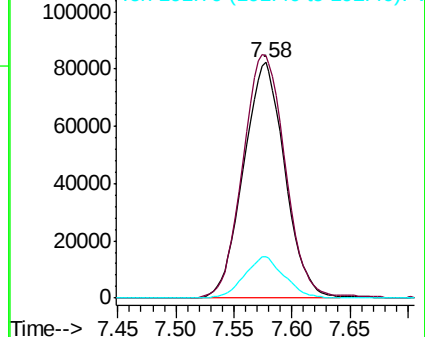


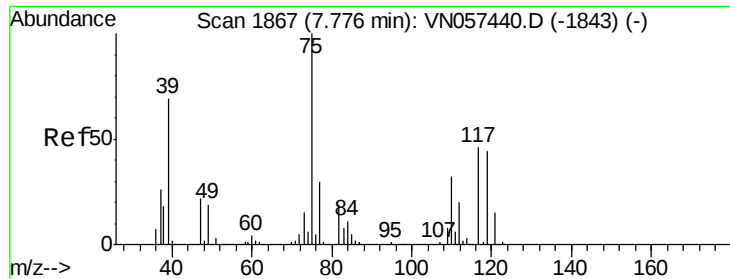
#35
 Dibromofluoromethane
 Concen: 45.847 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057521.D
 Acq: 26 Aug 2019 19:56

Tgt Ion:113 Resp: 203915
 Ion Ratio Lower Upper
 113 100
 111 106.0 83.8 125.6
 192 17.0 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

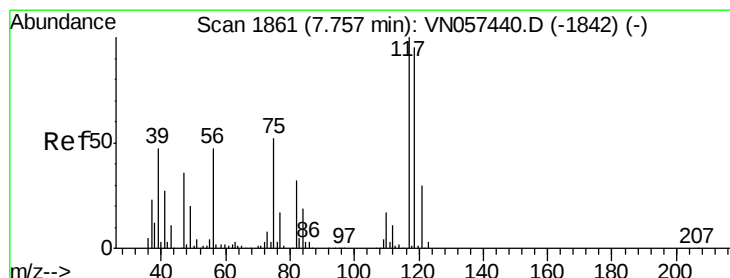
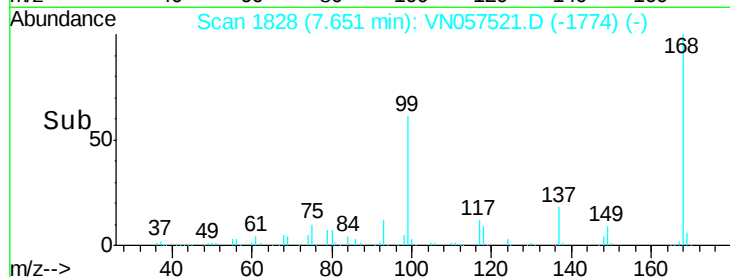
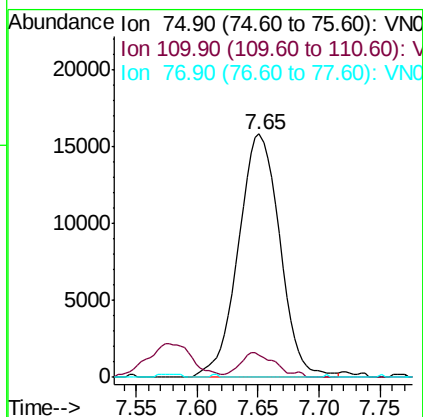
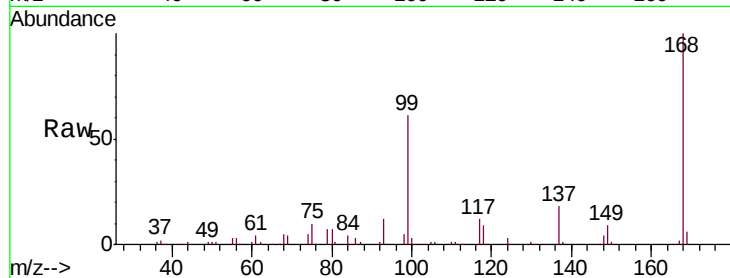




#36
 1,1-Dichloropropene
 Concen: 5.540 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057521.D
 Acq: 26 Aug 2019 19:56

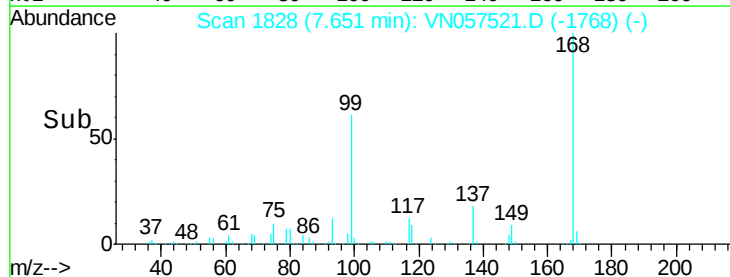
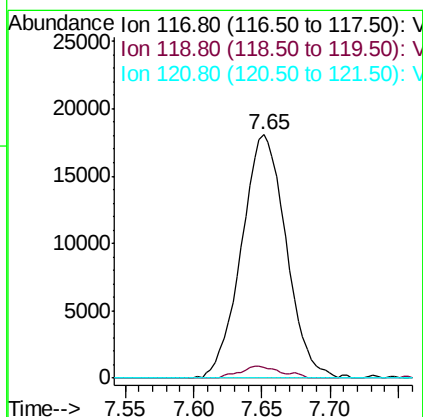
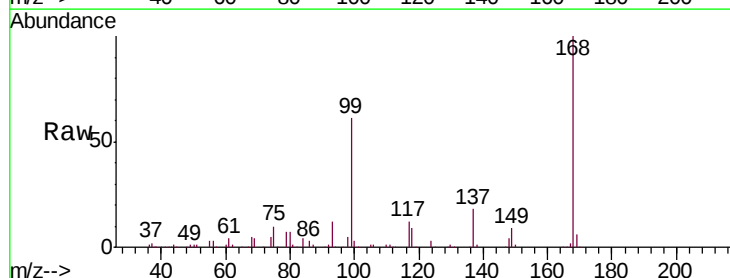
Instrument :
 MSVOA_N
 ClientSampled :
 T1-2-B-(2.5)

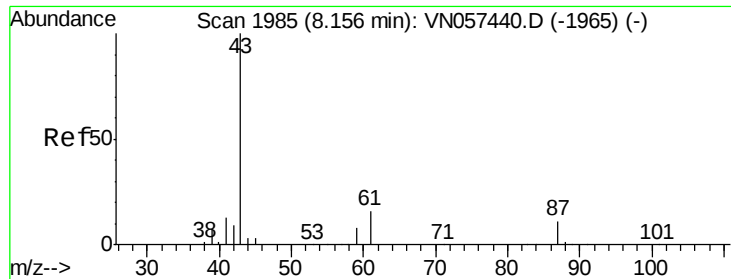
Tgt Ion: 75 Resp: 37273
 Ion Ratio Lower Upper
 75 100
 110 6.5 16.1 48.3#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.138 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.11 min
 Lab File: VN057521.D
 Acq: 26 Aug 2019 19:56

Tgt Ion: 117 Resp: 41025
 Ion Ratio Lower Upper
 117 100
 119 4.3 76.2 114.4#
 121 0.0 23.8 35.6#





#43

Isopropyl Acetate

Concen: 7.829 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057521.D

Acq: 26 Aug 2019 19:56

Instrument :

MSVOA_N

ClientSampleId :

T1-2-B-(2.5)

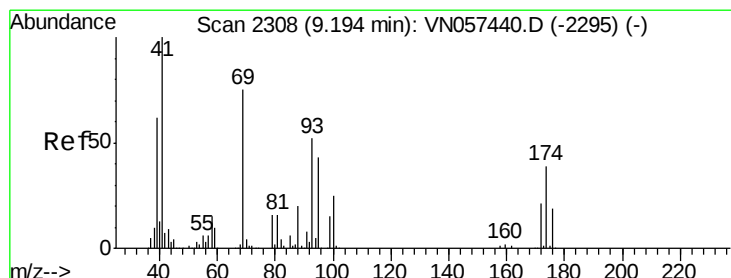
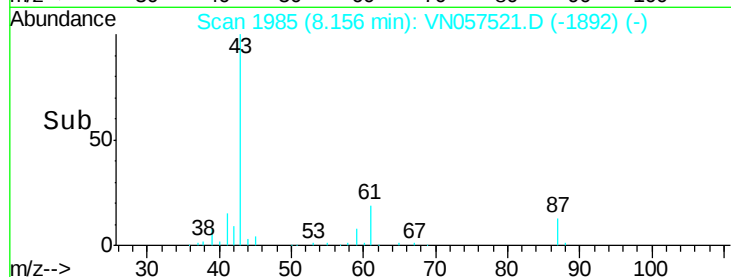
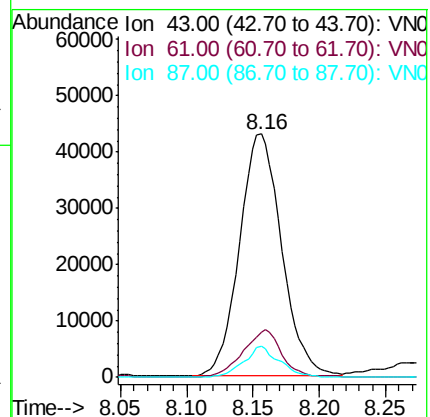
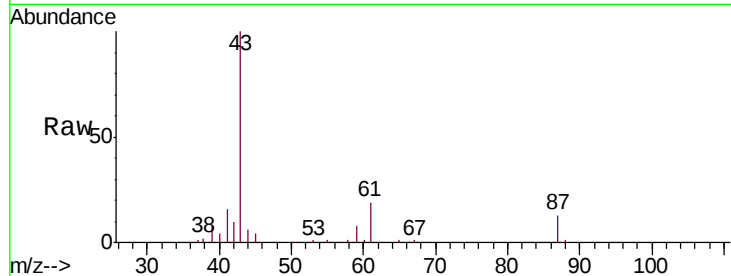
Tgt Ion: 43 Resp: 95438

Ion Ratio Lower Upper

43 100

61 17.8 14.5 21.7

87 10.8 8.6 12.8



#48

Methyl methacrylate

Concen: 0.836 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.01 min

Lab File: VN057521.D

Acq: 26 Aug 2019 19:56

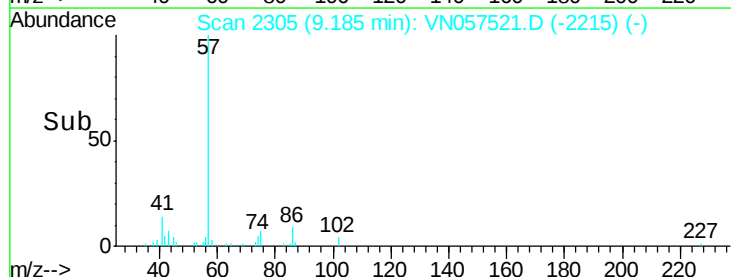
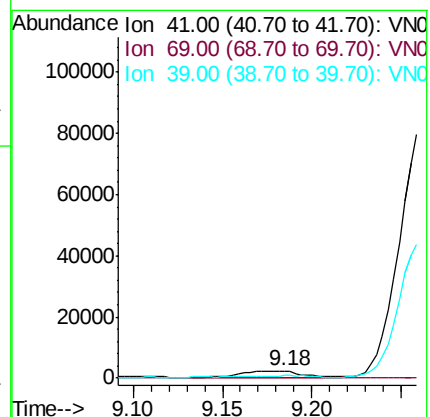
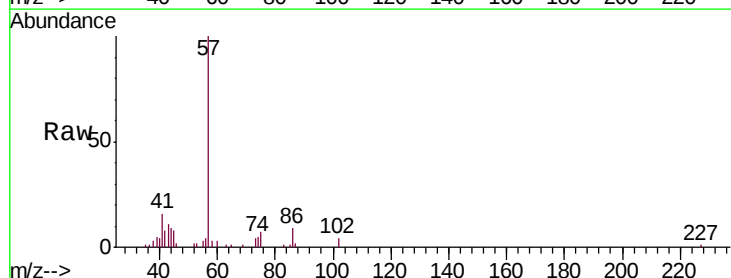
Tgt Ion: 41 Resp: 4844

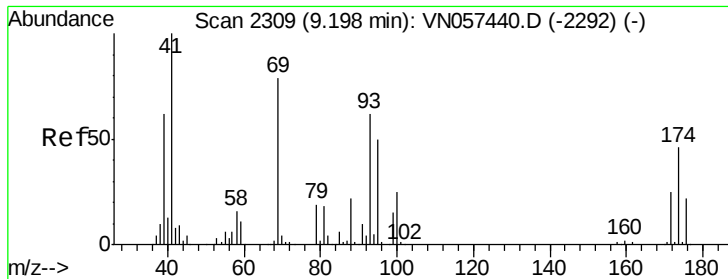
Ion Ratio Lower Upper

41 100

69 2.2 59.3 88.9#

39 0.0 50.6 75.8#

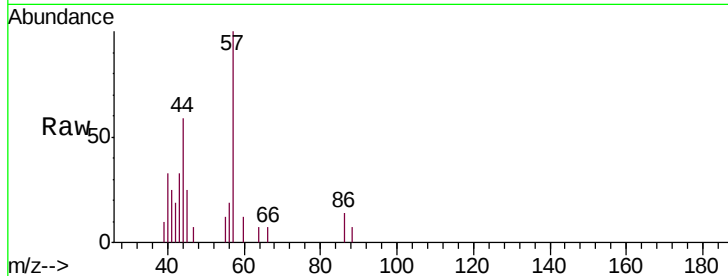




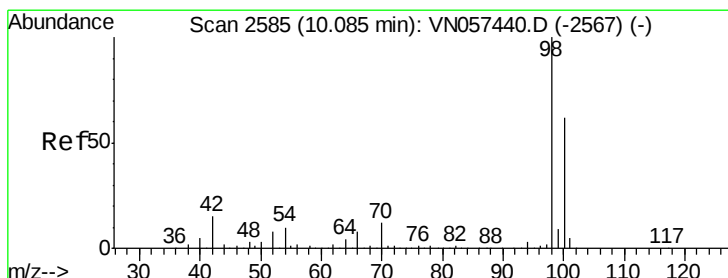
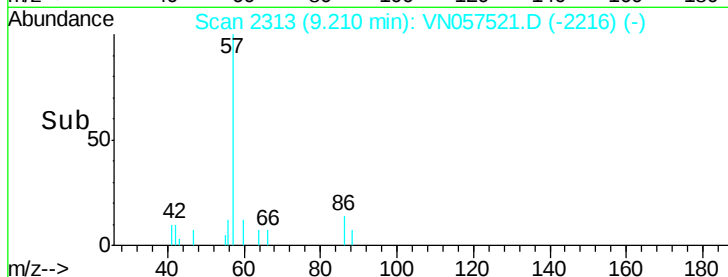
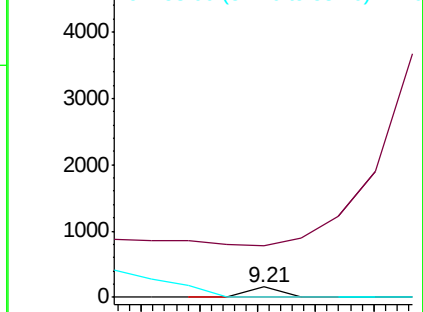
#49
1,4-Dioxane
Concen: 0.414 ug/l
RT: 9.21 min Scan# 2313
Delta R.T. 0.01 min
Lab File: VN057521.D
Acq: 26 Aug 2019 19:56

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

Tgt Ion: 88 Resp: 31
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.6#
58 0.0 64.5 96.7#

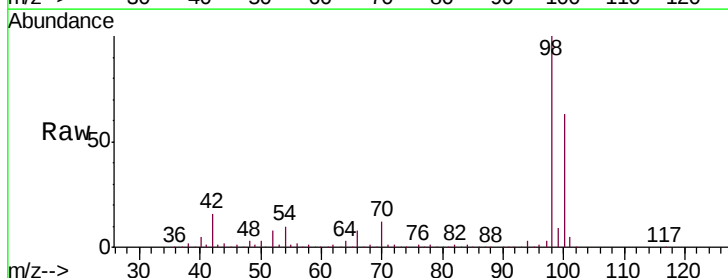


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

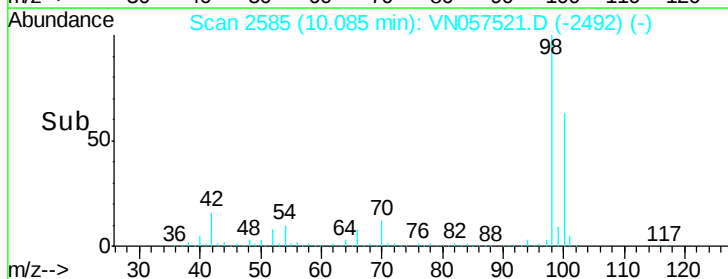
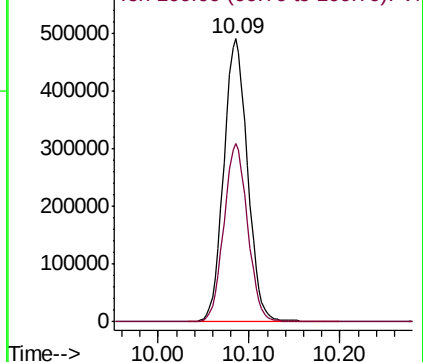


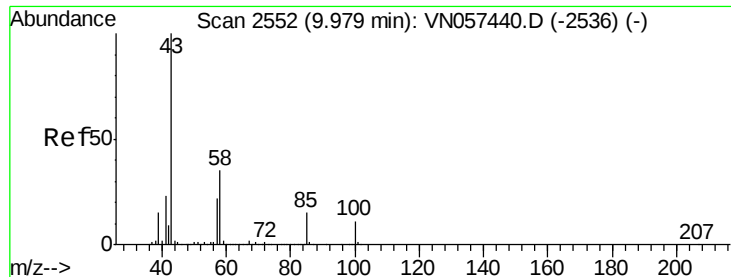
#50
Toluene-d8
Concen: 53.224 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN057521.D
Acq: 26 Aug 2019 19:56

Tgt Ion: 98 Resp: 895105
Ion Ratio Lower Upper
98 100
100 62.6 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: 0.863 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN057521.D

Acq: 26 Aug 2019 19:56

Instrument :

MSVOA_N

ClientSampleId :

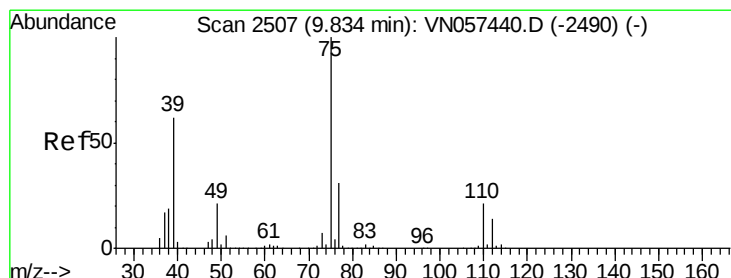
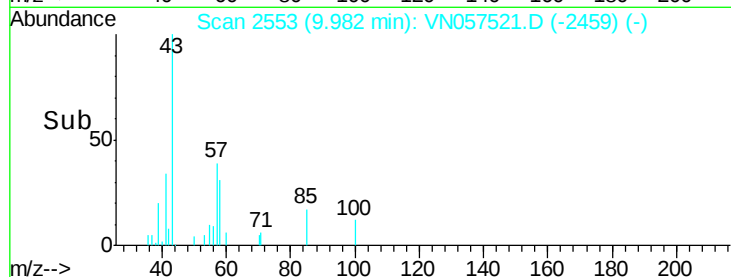
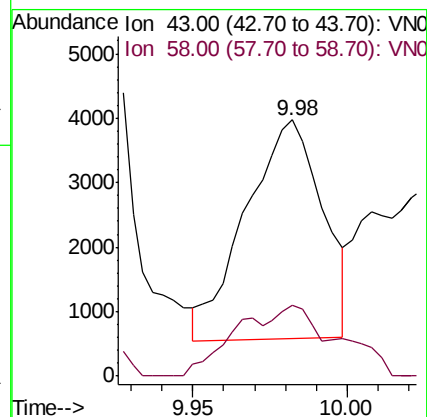
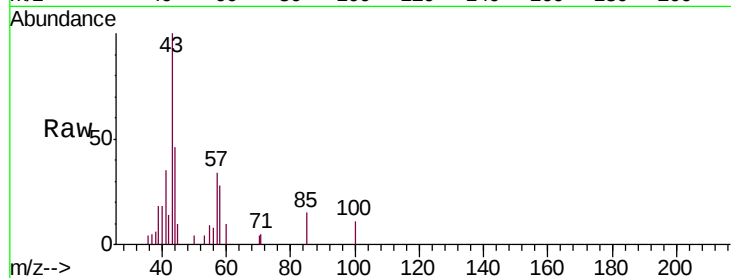
T1-2-B-(2.5)

Tgt Ion: 43 Resp: 5865

Ion Ratio Lower Upper

43 100

58 24.5 27.9 41.9#



#54

cis-1,3-Dichloropropene

Concen: 4.384 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.06 min

Lab File: VN057521.D

Acq: 26 Aug 2019 19:56

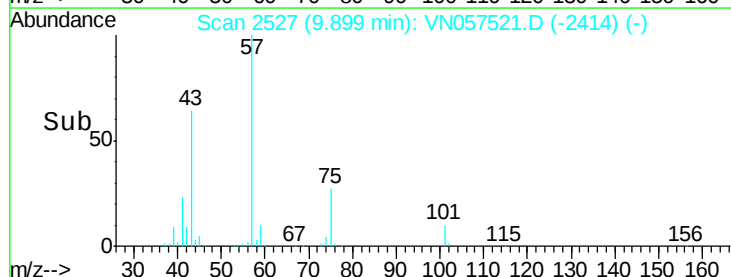
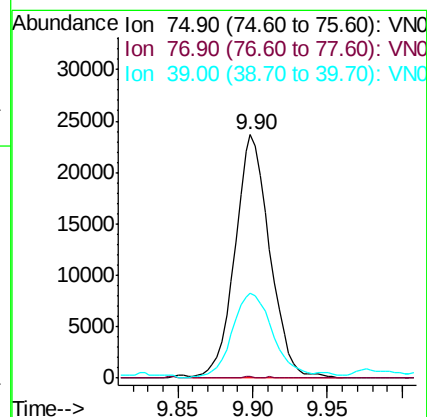
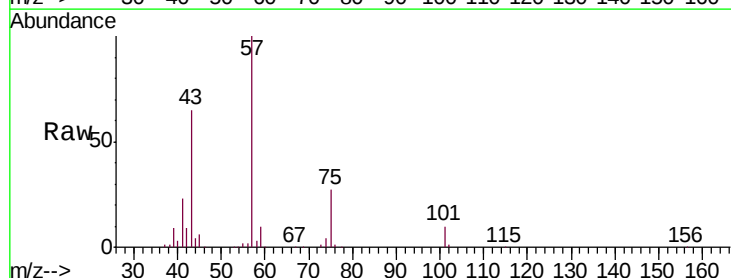
Tgt Ion: 75 Resp: 38366

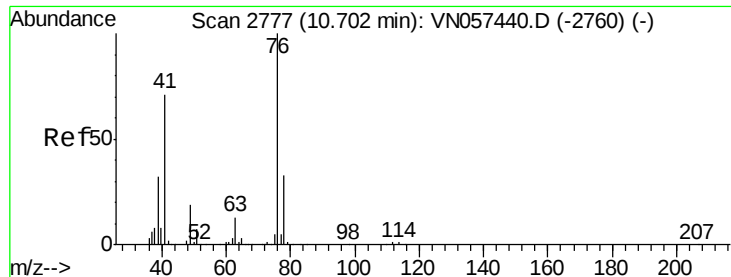
Ion Ratio Lower Upper

75 100

77 0.7 25.0 37.6#

39 34.0 49.2 73.8#

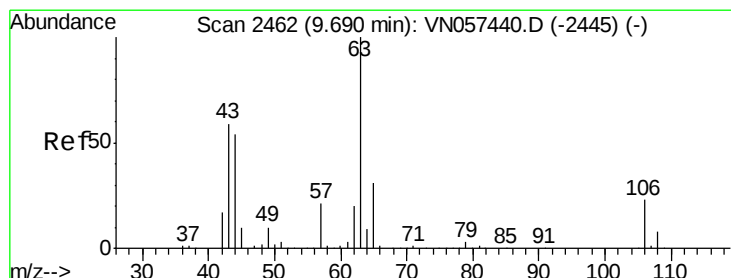
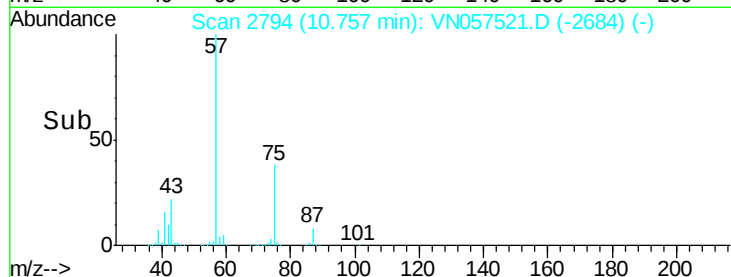
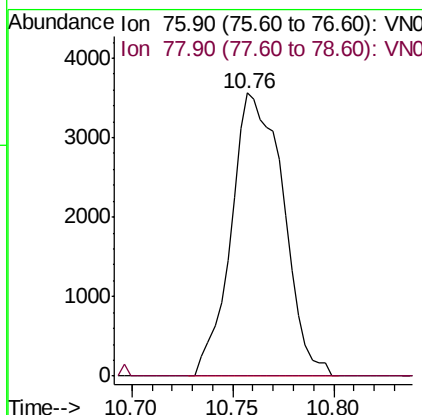
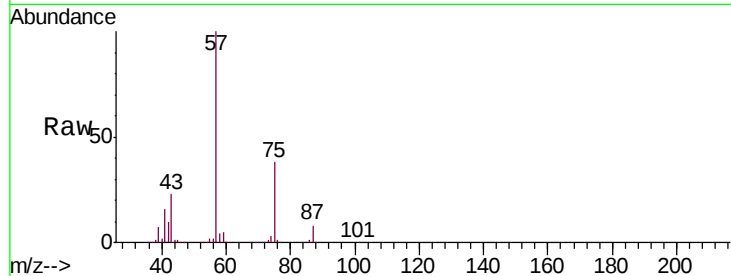




#57
 1,3-Dichloropropane
 Concen: 0.785 ug/l
 RT: 10.76 min Scan# 2794
 Delta R.T. 0.05 min
 Lab File: VN057521.D
 Acq: 26 Aug 2019 19:56

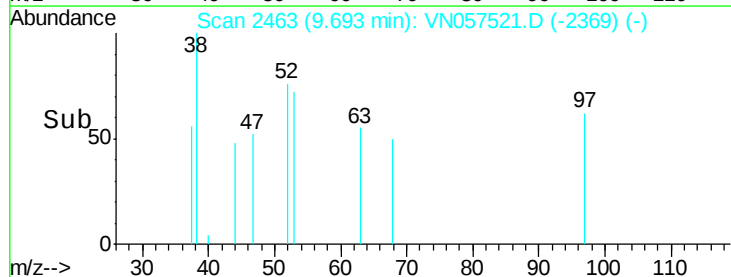
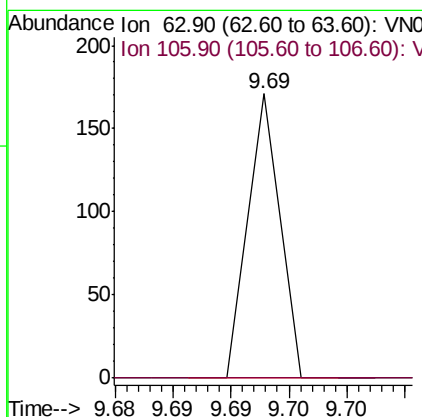
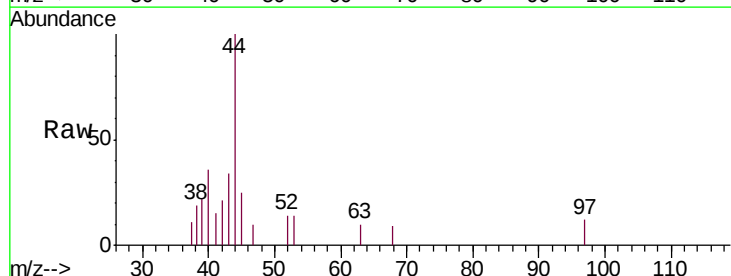
Instrument :
 MSVOA_N
 ClientSampled :
 T1-2-B-(2.5)

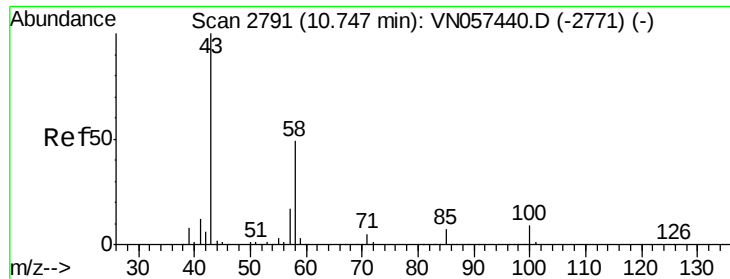
Tgt Ion: 76 Resp: 6428
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.5 38.3#



#58
 2-Chloroethyl Vinyl ether
 Concen: 17.080 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN057521.D
 Acq: 26 Aug 2019 19:56

Tgt Ion: 63 Resp: 33
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.6 27.8#

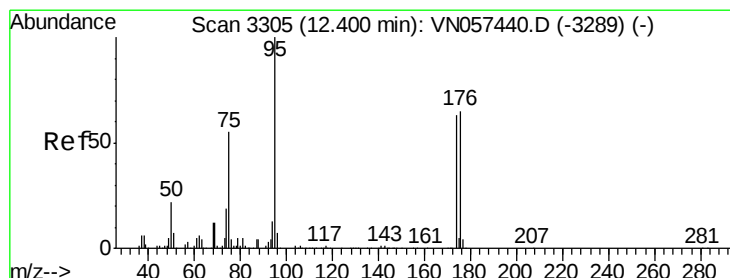
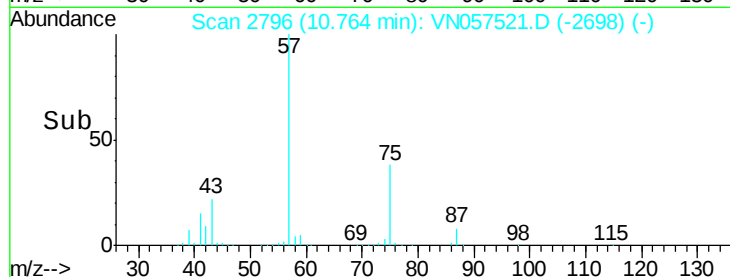
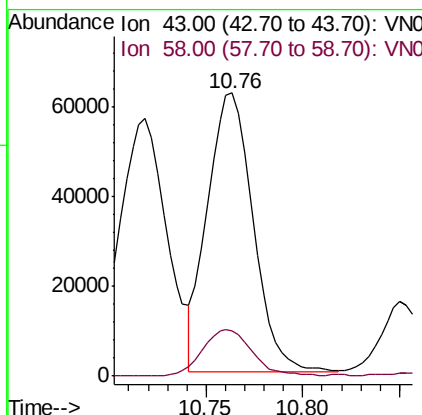
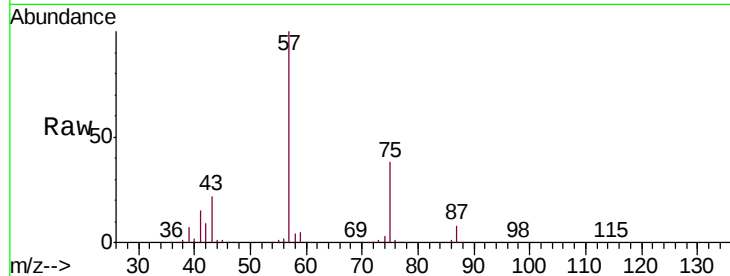




#59
2-Hexanone
Concen: 21.821 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.02 min
Lab File: VN057521.D
Acq: 26 Aug 2019 19:56

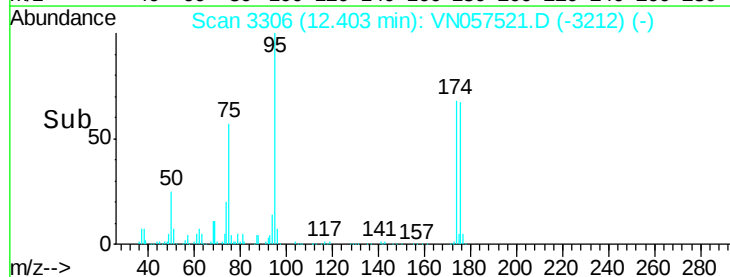
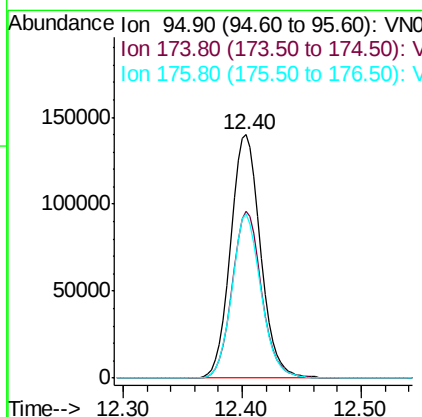
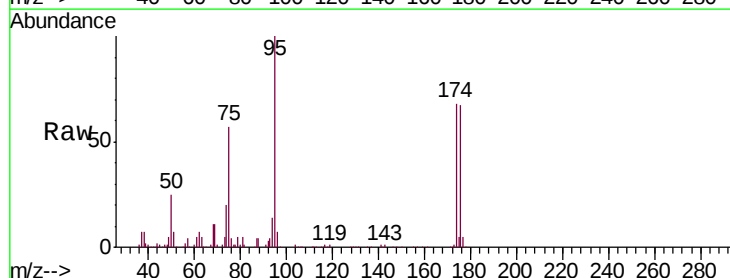
Instrument :
MSVOA_N
ClientSampled :
T1-2-B-(2.5)

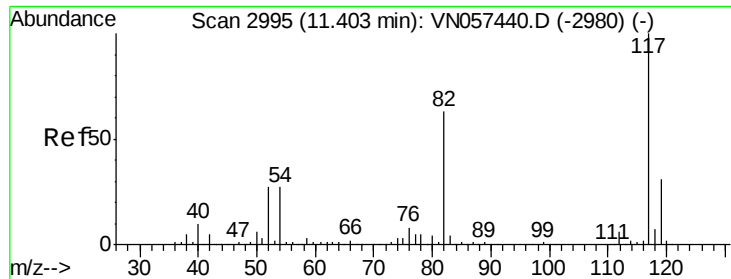
Tgt Ion: 43 Resp: 101686
Ion Ratio Lower Upper
43 100
58 18.4 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 42.851 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057521.D
Acq: 26 Aug 2019 19:56

Tgt Ion: 95 Resp: 244216
Ion Ratio Lower Upper
95 100
174 67.3 0.0 133.0
176 65.5 0.0 130.8

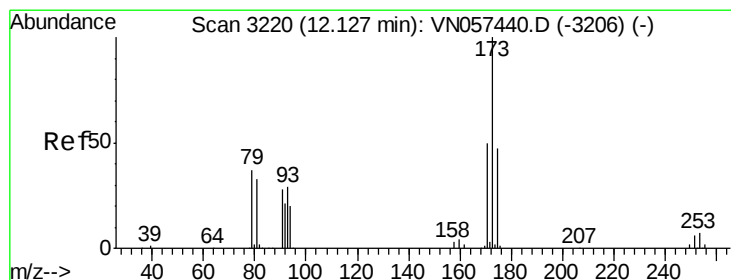
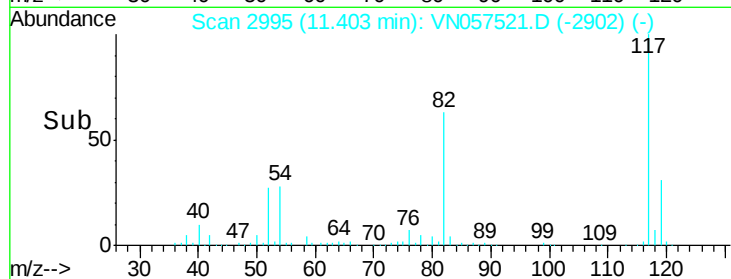
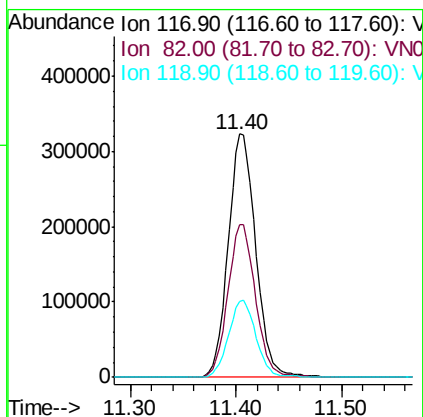
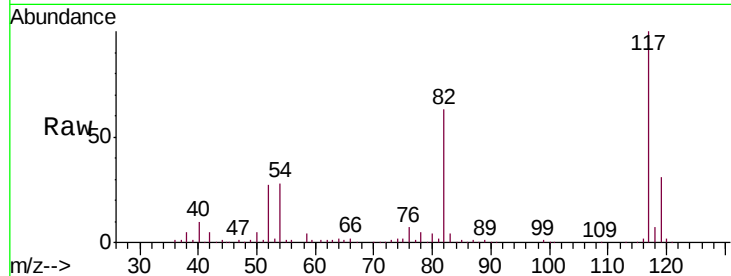




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057521.D
Acq: 26 Aug 2019 19:56

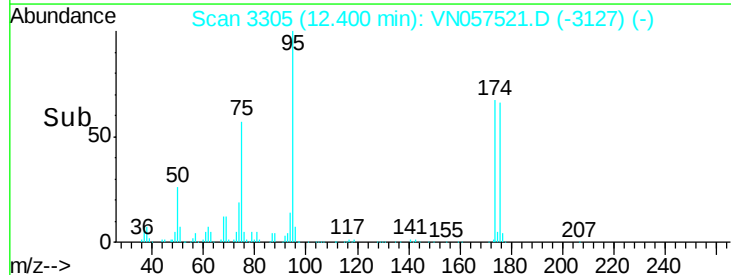
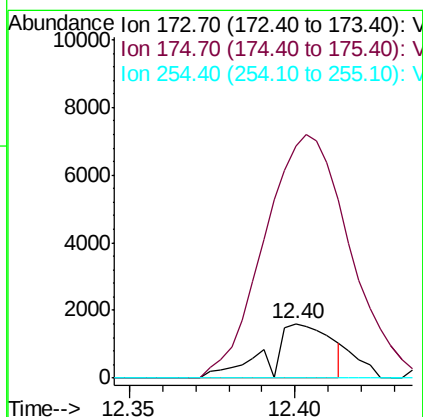
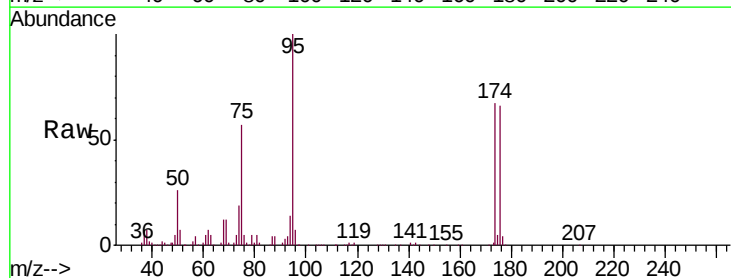
Instrument :
MSVOA_N
ClientSampleId :
T1-2-B-(2.5)

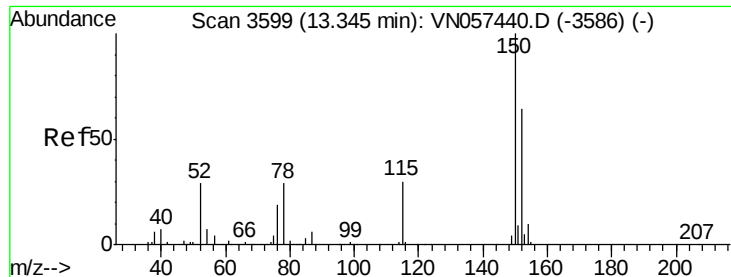
Tgt Ion:117 Resp: 582869
Ion Ratio Lower Upper
117 100
82 62.8 50.6 75.8
119 31.2 24.6 36.8



#71
Bromoform
Concen: 0.691 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN057521.D
Acq: 26 Aug 2019 19:56

Tgt Ion:173 Resp: 2111
Ion Ratio Lower Upper
173 100
175 498.7 23.9 71.8#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057521.D

Acq: 26 Aug 2019 19:56

Instrument :

MSVOA_N

ClientSampleId :

T1-2-B-(2.5)

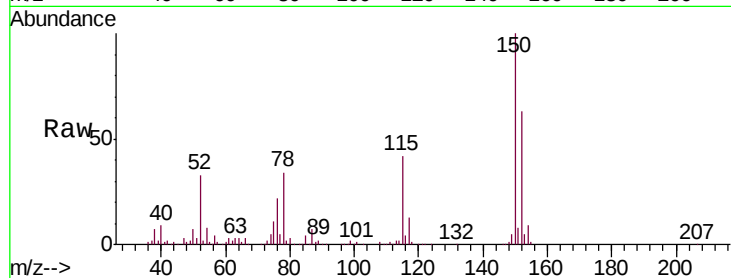
Tgt Ion:152 Resp: 135341

Ion Ratio Lower Upper

152 100

115 65.0 32.0 96.0

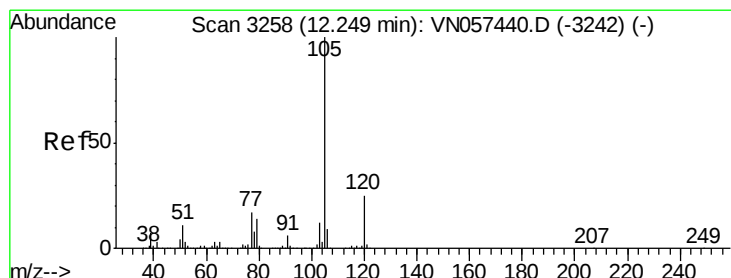
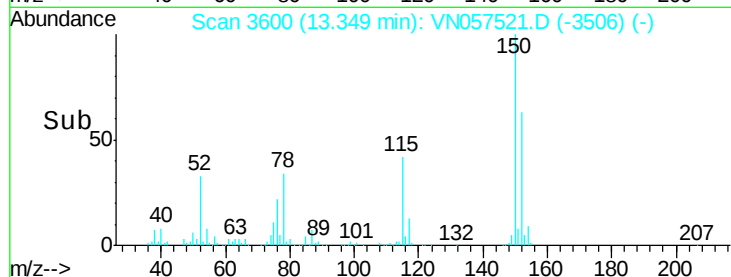
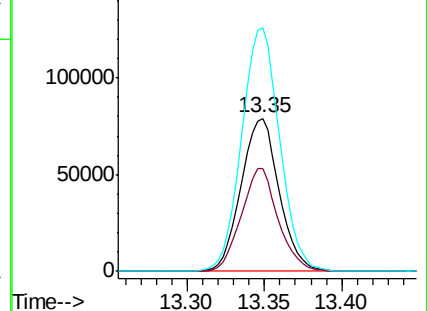
150 158.7 0.0 346.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN057521.D

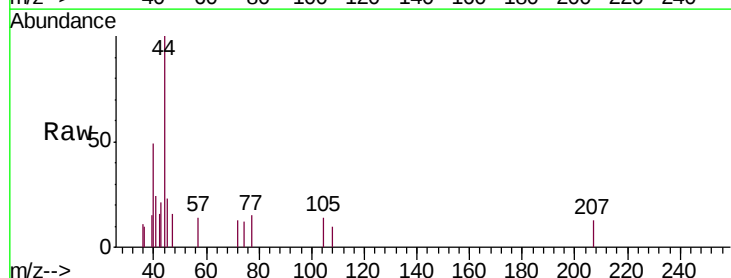
Acq: 26 Aug 2019 19:56

Tgt Ion:105 Resp: 235

Ion Ratio Lower Upper

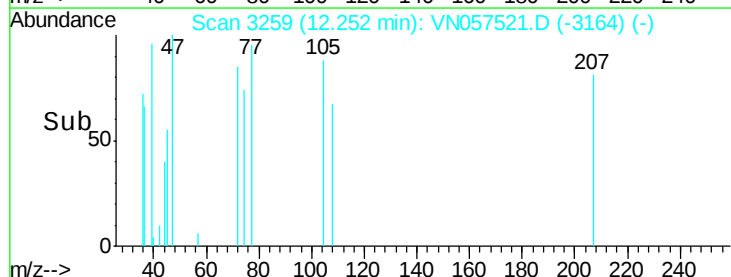
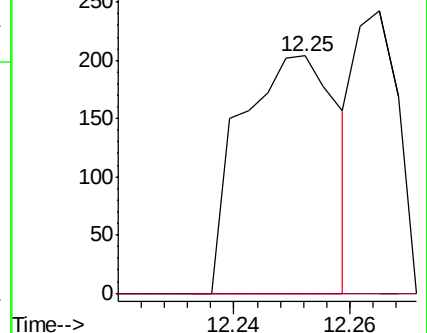
105 100

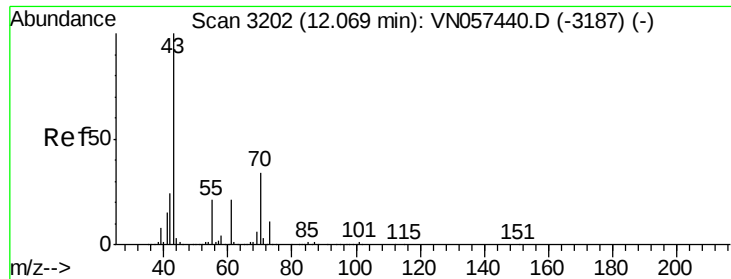
120 0.0 12.7 38.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: Below Cal

RT: 12.04 min Scan# 3192

Delta R.T. -0.03 min

Lab File: VN057521.D

Acq: 26 Aug 2019 19:56

Instrument :

MSVOA_N

ClientSampleId :

T1-2-B-(2.5)

Tgt Ion: 43 Resp: 4523

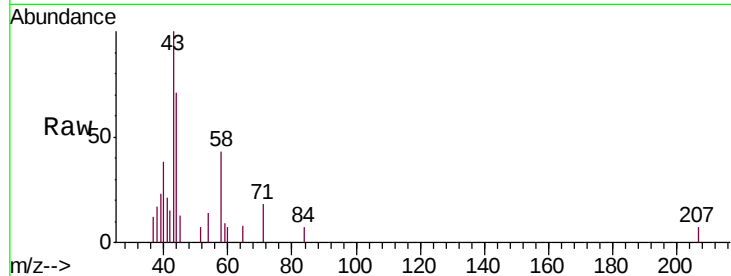
Ion Ratio Lower Upper

43 100

70 0.0 27.8 41.6#

55 1.6 17.0 25.4#

61 0.0 17.0 25.6#

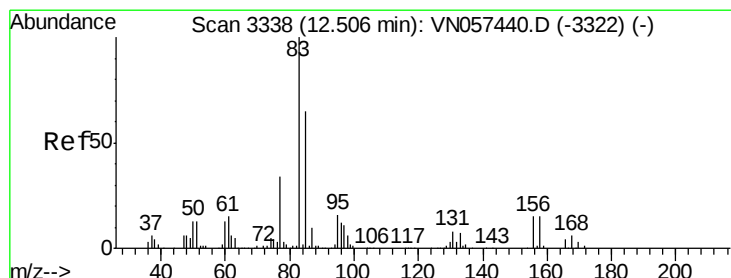
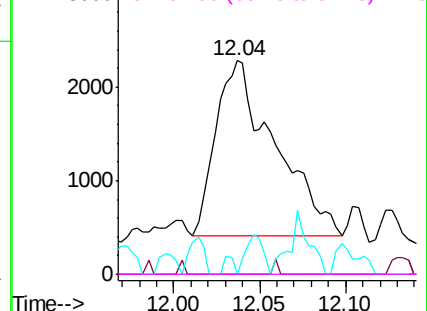
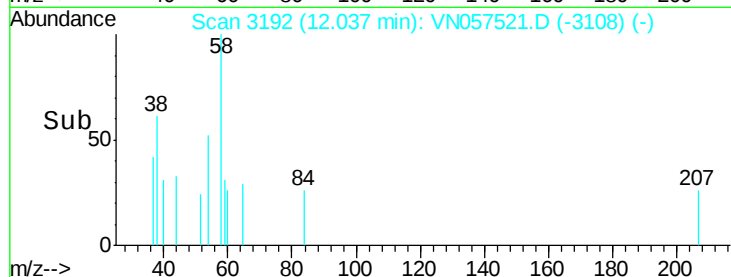


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN057521.D

Acq: 26 Aug 2019 19:56

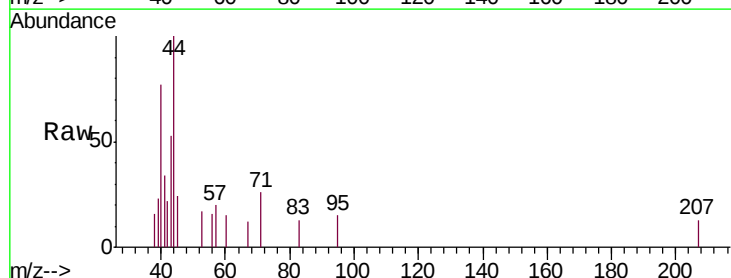
Tgt Ion: 83 Resp: 30

Ion Ratio Lower Upper

83 100

131 0.0 4.3 13.1#

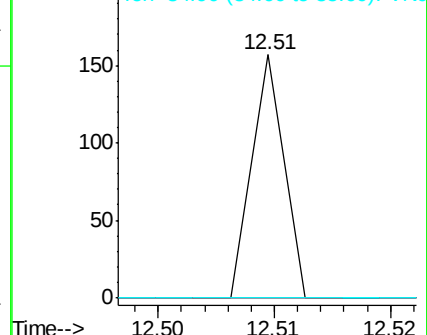
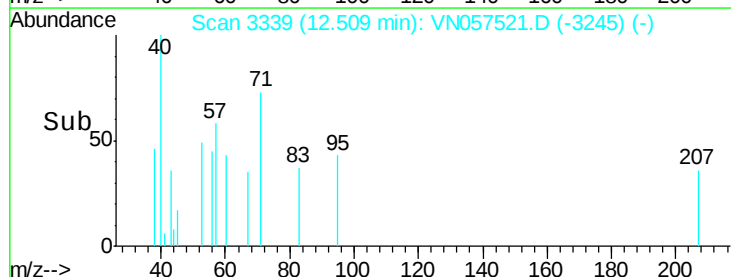
85 0.0 32.3 96.8#

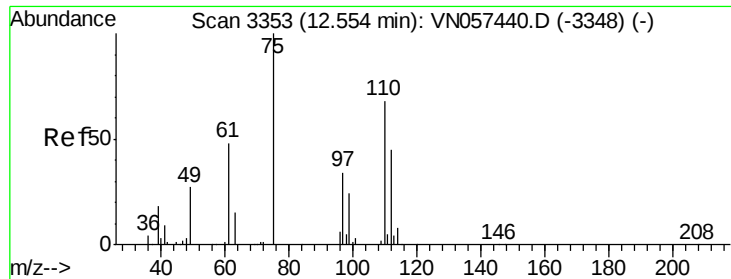


Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO

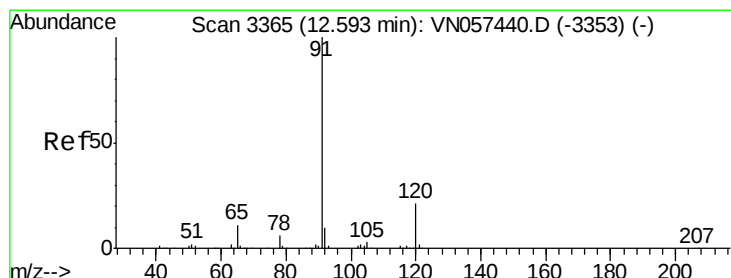
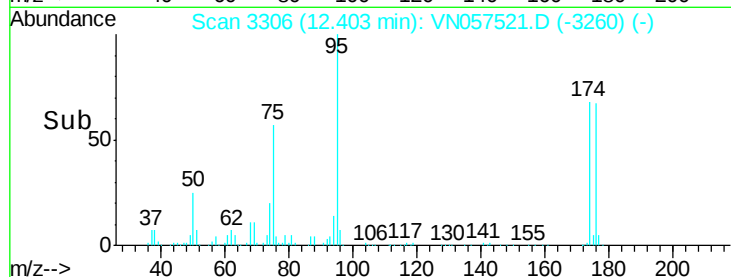
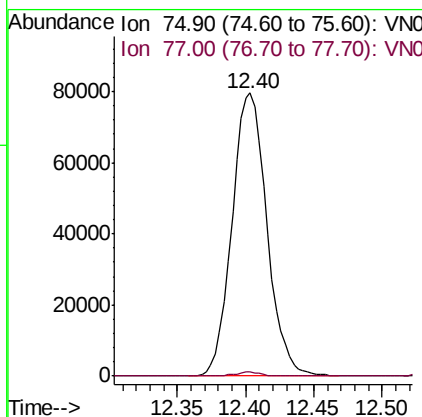
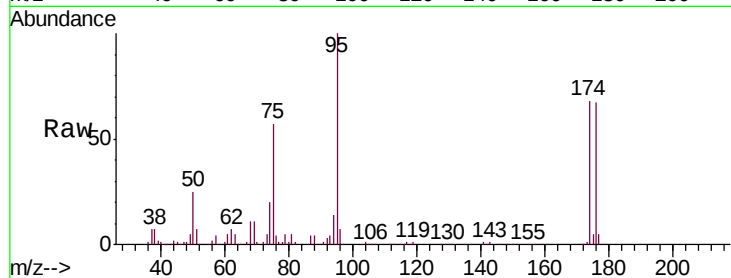




#76
 1,2,3-Trichloropropane
 Concen: 46.949 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN057521.D
 Acq: 26 Aug 2019 19:56

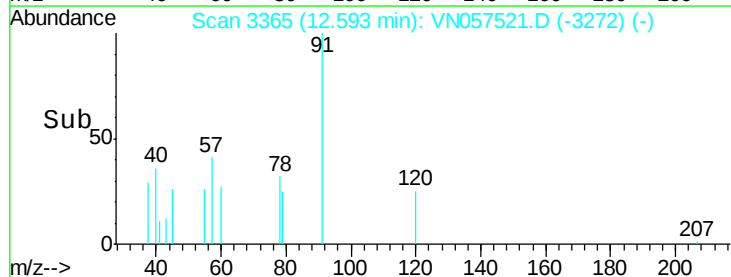
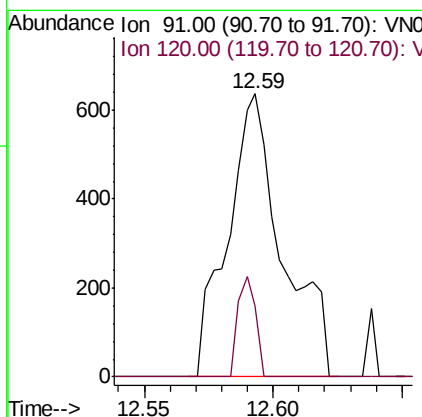
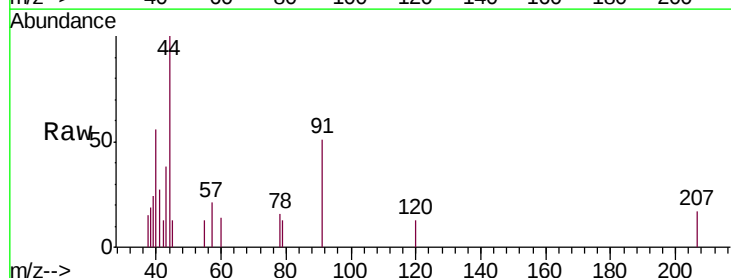
Instrument :
 MSVOA_N
 ClientSampled :
 T1-2-B-(2.5)

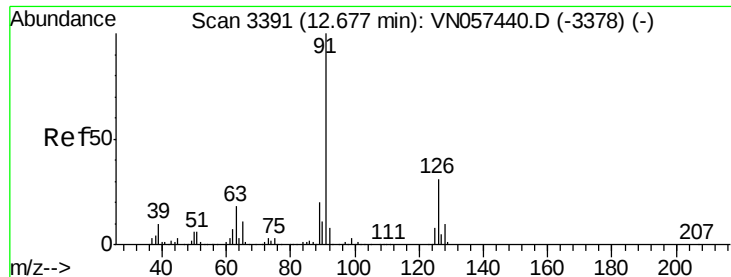
Tgt Ion: 75 Resp: 141328
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#78
 n-propylbenzene
 Concen: Below Cal
 RT: 12.59 min Scan# 3365
 Delta R.T. 0.00 min
 Lab File: VN057521.D
 Acq: 26 Aug 2019 19:56

Tgt Ion: 91 Resp: 942
 Ion Ratio Lower Upper
 91 100
 120 11.5 10.7 32.1





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3393

Delta R.T. 0.01 min

Lab File: VN057521.D

Acq: 26 Aug 2019 19:56

Instrument :

MSVOA_N

ClientSampled :

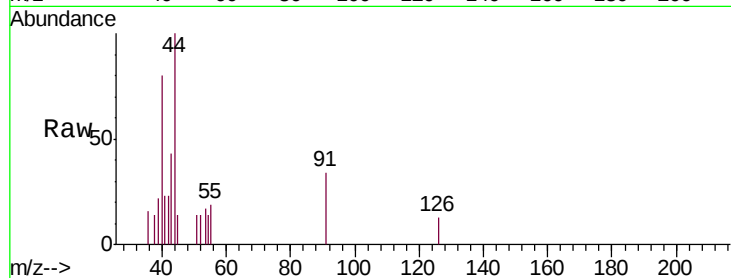
T1-2-B-(2.5)

Tgt Ion: 91 Resp: 435

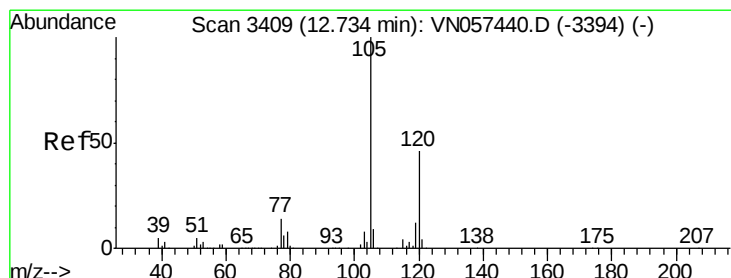
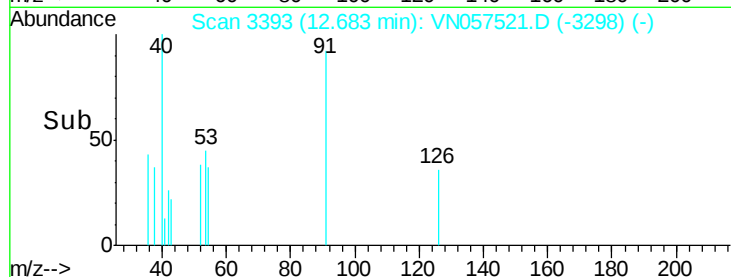
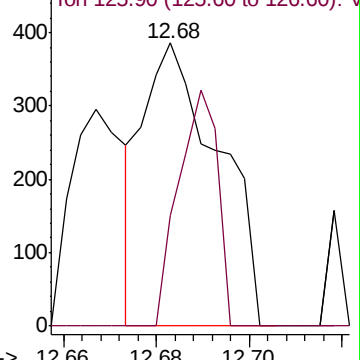
Ion Ratio Lower Upper

91 100

126 43.4 15.3 45.8



Abundance Ion 91.00 (90.70 to 91.70): VN057440.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN057521.D

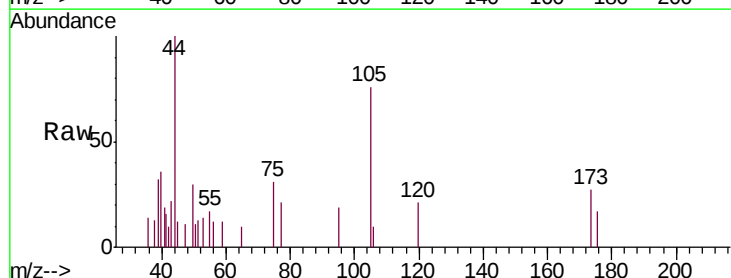
Acq: 26 Aug 2019 19:56

Tgt Ion: 105 Resp: 1529

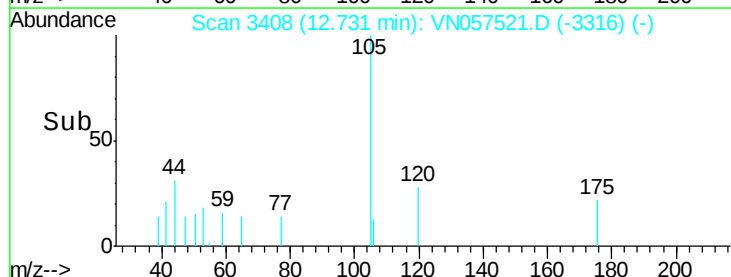
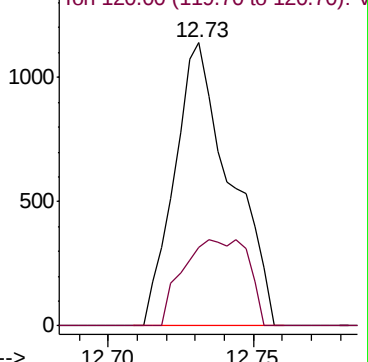
Ion Ratio Lower Upper

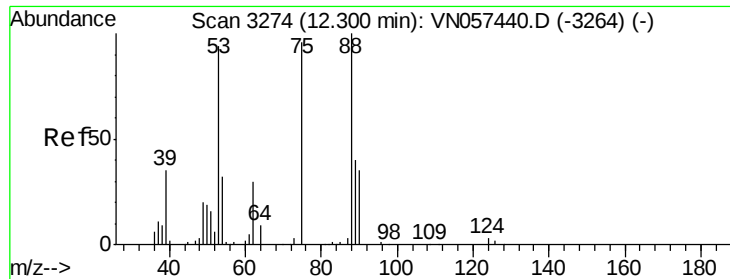
105 100

120 35.4 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): VN057440.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 120.063 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057521.D

Acq: 26 Aug 2019 19:56

Instrument :

MSVOA_N

ClientSampled :

T1-2-B-(2.5)

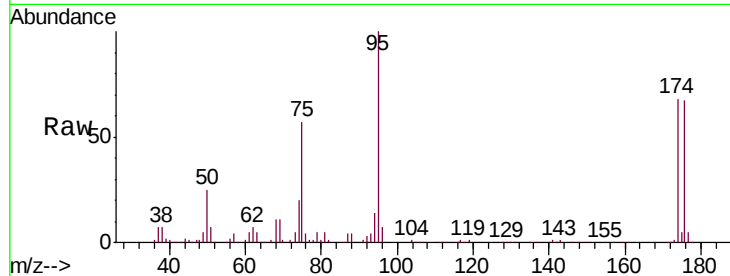
Tgt Ion: 75 Resp: 141328

Ion Ratio Lower Upper

75 100

53 0.1 82.7 124.1#

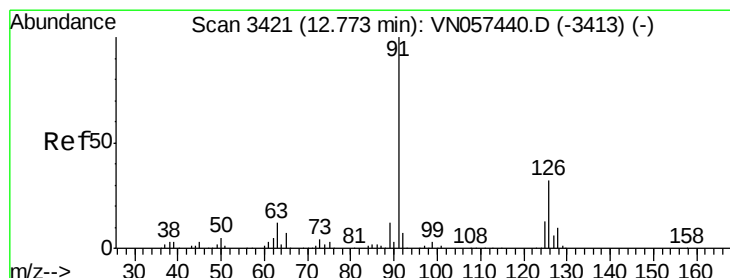
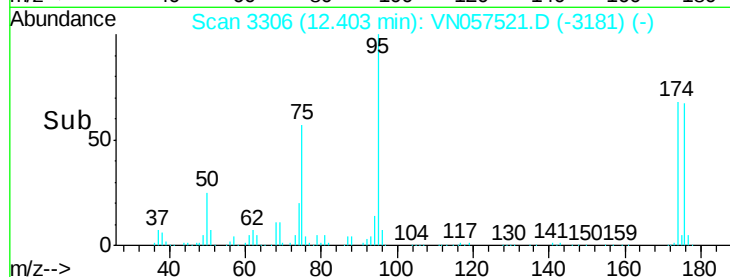
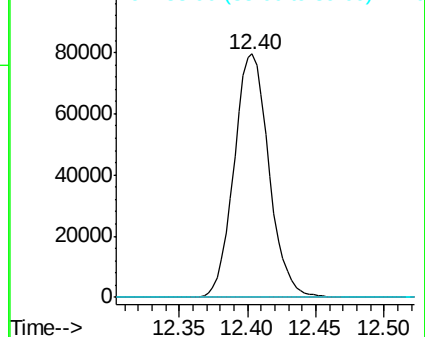
89 0.0 35.8 53.8#



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: Below Cal

RT: 12.68 min Scan# 3393

Delta R.T. -0.09 min

Lab File: VN057521.D

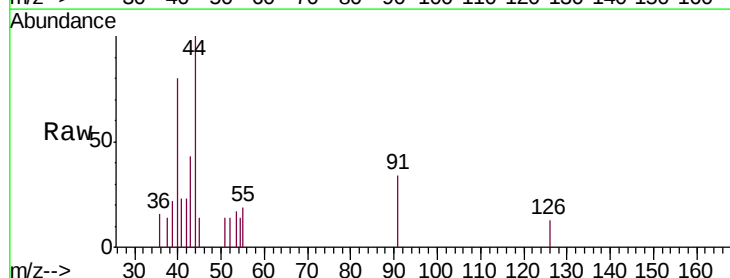
Acq: 26 Aug 2019 19:56

Tgt Ion: 91 Resp: 435

Ion Ratio Lower Upper

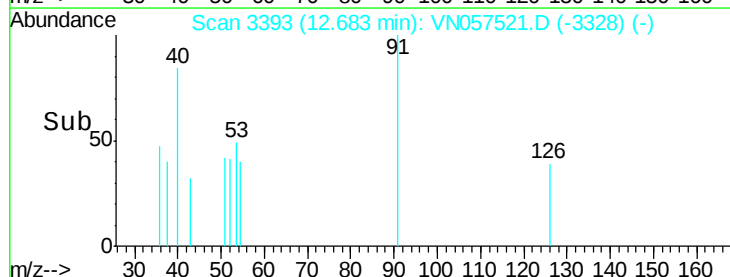
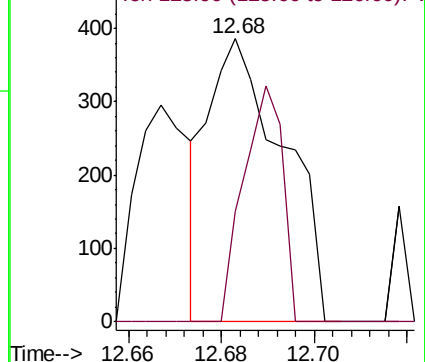
91 100

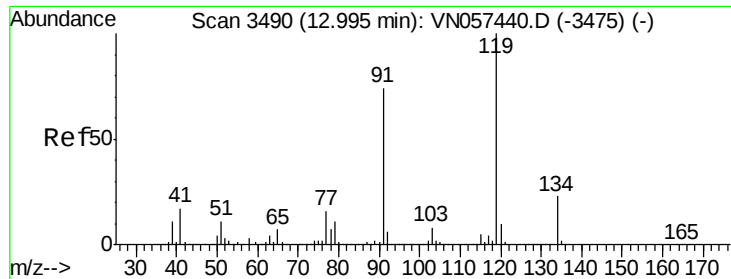
126 43.4 15.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

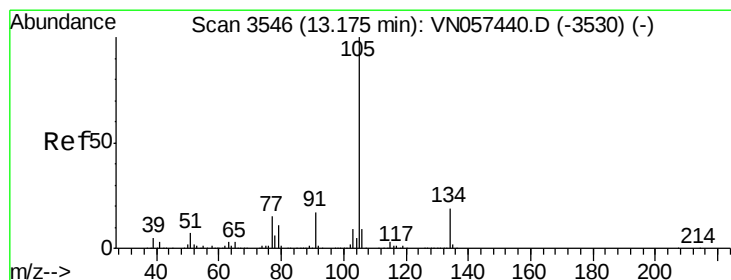
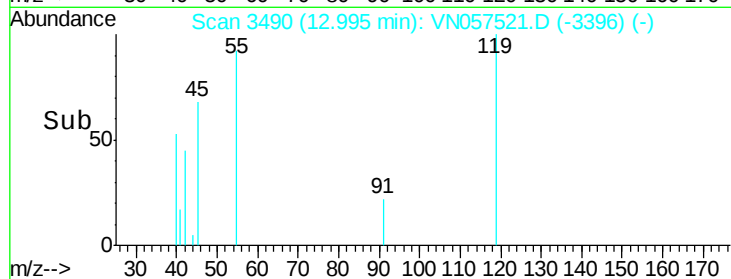
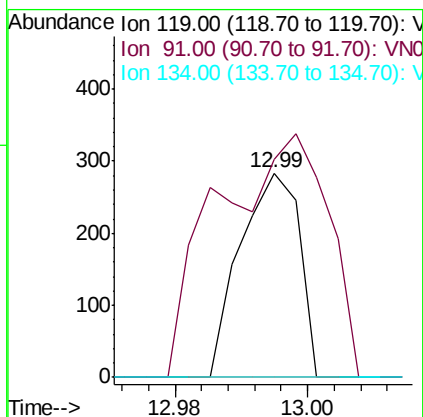
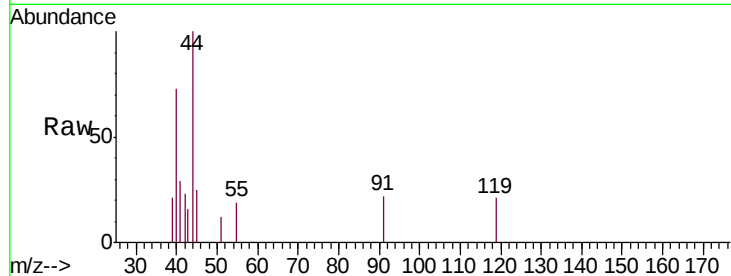




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN057521.D
 Acq: 26 Aug 2019 19:56

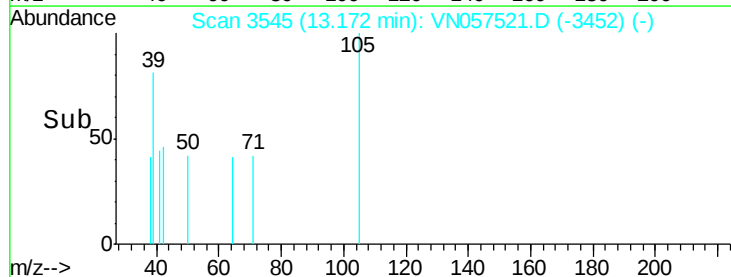
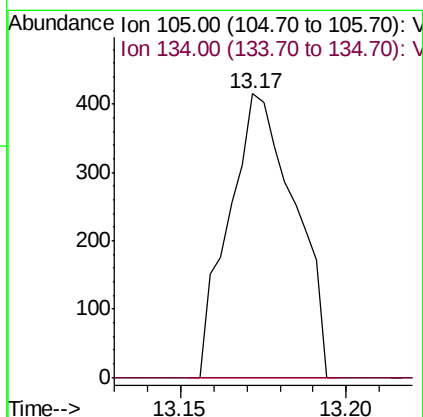
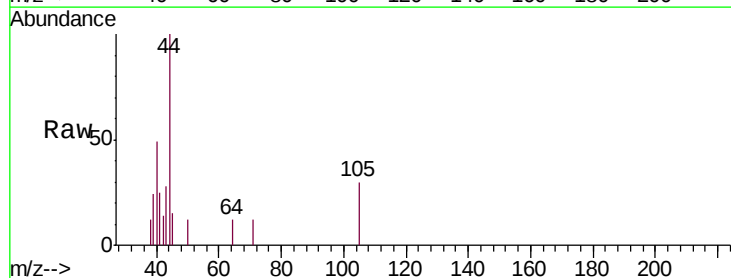
Instrument :
 MSVOA_N
 ClientSampled :
 T1-2-B-(2.5)

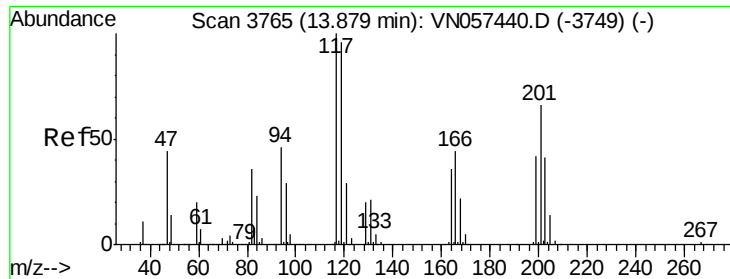
Tgt Ion:119 Resp: 176
 Ion Ratio Lower Upper
 119 100
 91 222.2 37.0 111.0#
 134 0.0 12.2 36.6#



#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN057521.D
 Acq: 26 Aug 2019 19:56

Tgt Ion:105 Resp: 574
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.3 27.9#





#90

Hexachloroethane

Concen: Below Cal

RT: 13.60 min Scan# 3677

Delta R.T. -0.28 min

Lab File: VN057521.D

Acq: 26 Aug 2019 19:56

Instrument :

MSVOA_N

ClientSampled :

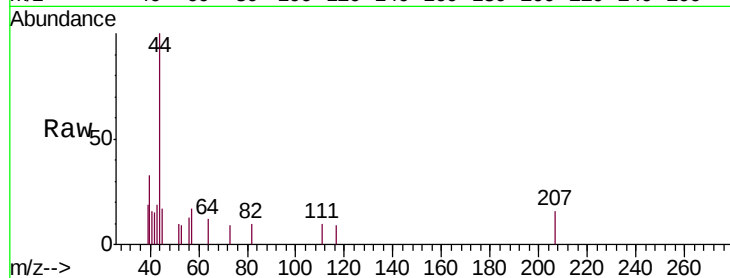
T1-2-B-(2.5)

Tgt Ion:117 Resp: 59

Ion Ratio Lower Upper

117 100

201 0.0 33.1 99.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.60

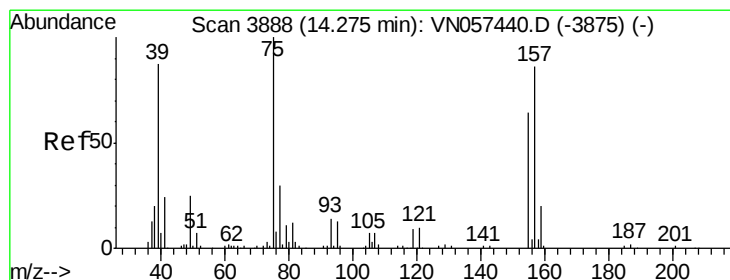
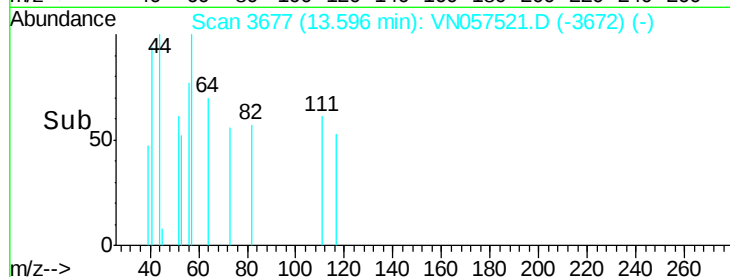
150

100

50

0

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.28 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN057521.D

Acq: 26 Aug 2019 19:56

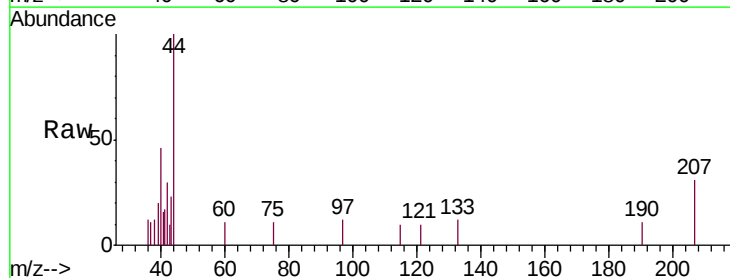
Tgt Ion: 75 Resp: 66

Ion Ratio Lower Upper

75 100

155 43.9 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

250

200

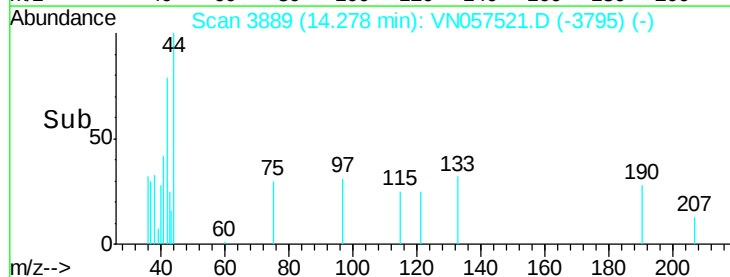
150

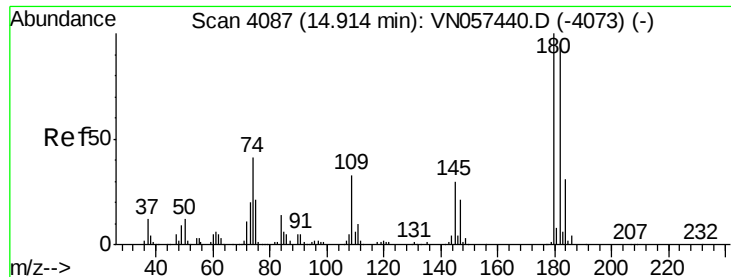
100

50

0

Time-->

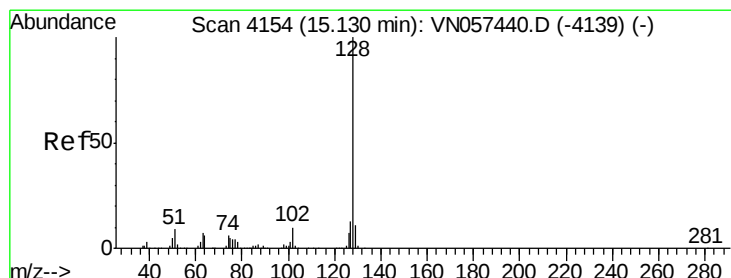
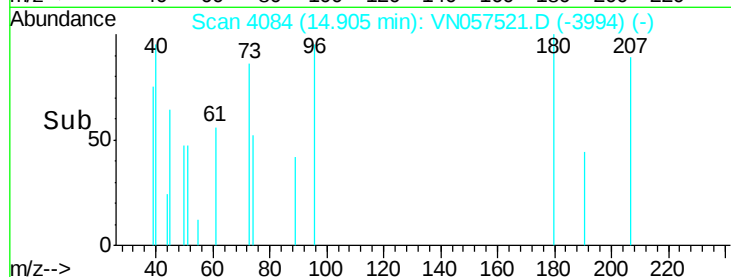
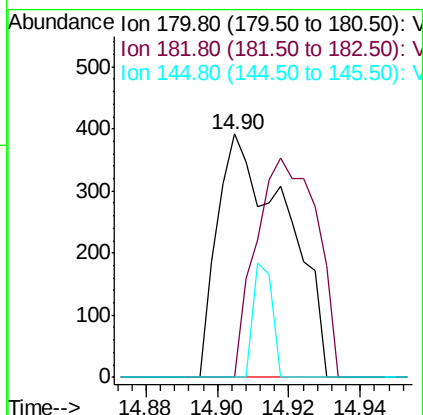
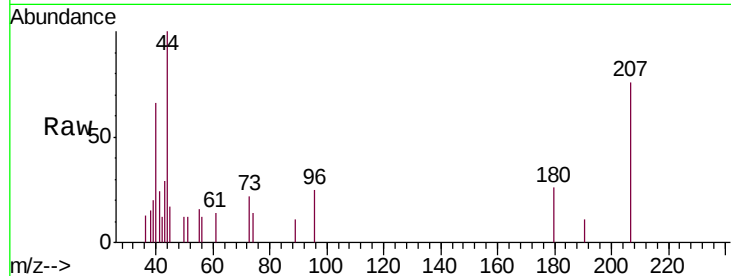




#93
1,2,4-Trichlorobenzene
Concen: 5.648 ug/l
RT: 14.90 min Scan# 4084
Delta R.T. -0.01 min
Lab File: VN057521.D
Acq: 26 Aug 2019 19:56

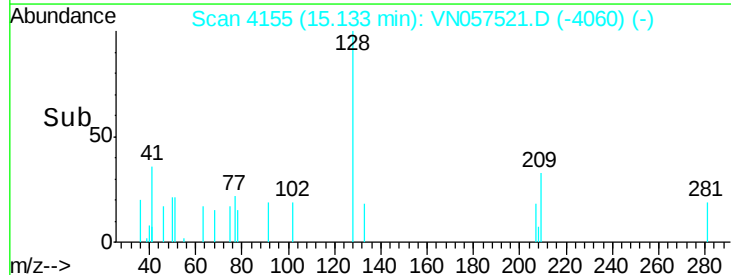
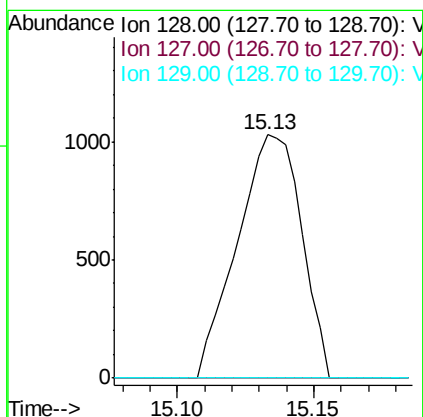
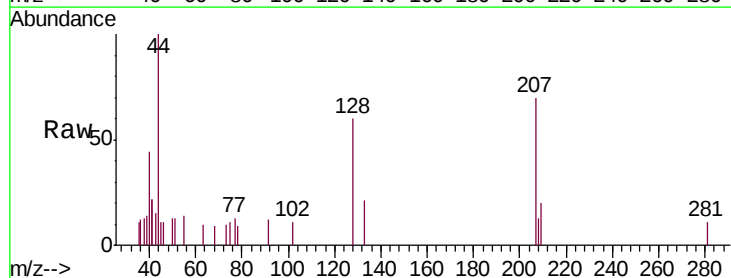
Instrument :
MSVOA_N
ClientSampled :
T1-2-B-(2.5)

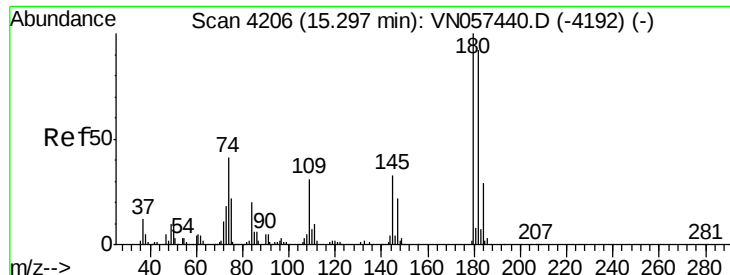
Tgt Ion:180 Resp: 523
Ion Ratio Lower Upper
180 100
182 79.2 46.7 140.1
145 13.0 15.6 46.8#



#95
Naphthalene
Concen: 4.624 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN057521.D
Acq: 26 Aug 2019 19:56

Tgt Ion:128 Resp: 1679
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.6 13.0#

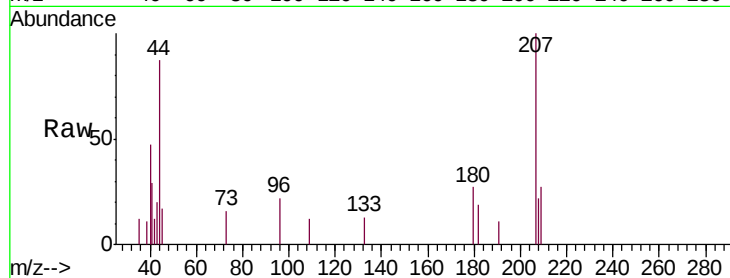




#96
 1,2,3-Trichlorobenzene
 Concen: 5.331 ug/l
 RT: 15.29 min Scan# 4203
 Delta R.T. -0.01 min
 Lab File: VN057521.D
 Acq: 26 Aug 2019 19:56

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

Tgt Ion	Ratio	Lower	Upper
180	100		
182	52.5	46.7	140.1
145	0.0	16.8	50.3#



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

