

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082419\
 Data File : VN057495.D
 Acq On : 24 Aug 2019 1:08
 Operator : JC/SP
 Sample : K4472-39
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T6-S3(0)

Quant Time: Aug 26 05:17:24 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	384961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	689400	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	569652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	154938	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	328906	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
35) Dibromofluoromethane	7.58	113	218898	47.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.02%	
50) Toluene-d8	10.08	98	862952	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
62) 4-Bromofluorobenzene	12.40	95	249659	41.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.68%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.55	94	975	0.200	ug/l	89
8) Diethyl Ether	3.39	74	2489	Below Cal		61
9) 1,1,2-Trichlorotrifluoroet	3.73	101	62	Below Cal	#	53
11) Tert butyl alcohol	4.73	59	4609	5.478	ug/l #	78
13) Acrolein	3.58	56	291	0.393	ug/l #	13
16) Acetone	3.79	43	29183	9.384	ug/l #	89
18) Methyl Acetate	4.31	43	11924	0.839	ug/l #	82
20) Methylene Chloride	4.53	84	6563	1.350	ug/l #	85
25) 2-Butanone	6.83	43	1397	0.414	ug/l	94
31) Cyclohexane	7.64	56	12345	1.298	ug/l #	30
36) 1,1-Dichloropropene	7.65	75	39950	5.671	ug/l #	49
38) Carbon Tetrachloride	7.65	117	42313	6.046	ug/l #	16
43) Isopropyl Acetate	8.15	43	99123	7.766	ug/l	98
46) Dibromomethane	9.15	93	122	Below Cal	#	10
48) Methyl methacrylate	9.18	41	5620	0.926	ug/l #	17
49) 1,4-Dioxane	9.17	88	33	0.420	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	5434	0.764	ug/l #	83
54) cis-1,3-Dichloropropene	9.90	75	40151	4.383	ug/l #	63
57) 1,3-Dichloropropane	10.76	76	5956	0.694	ug/l #	44
58) 2-Chloroethyl Vinyl ether	9.64	63	65	17.093	ug/l #	52
59) 2-Hexanone	10.76	43	94339	19.336	ug/l #	55
73) Isopropylbenzene	12.26	105	74	Below Cal	#	50
74) N-amyl acetate	12.03	43	3879	Below Cal	#	55
75) 1,1,2,2-Tetrachloroethane	12.40	83	551	Below Cal	#	24
76) 1,2,3-Trichloropropane	12.40	75	143663	41.236	ug/l #	100
78) n-propylbenzene	12.60	91	202	Below Cal	#	55
79) 2-Chlorotoluene	12.63	91	68	Below Cal	#	44
80) 1,3,5-Trimethylbenzene	12.74	105	1139	Below Cal	#	60
81) trans-1,4-Dichloro-2-buten	12.40	75	143663	106.249	ug/l #	9
82) 4-Chlorotoluene	12.77	91	61	Below Cal	#	45
83) tert-Butylbenzene	13.00	119	97	Below Cal	#	22
85) sec-Butylbenzene	13.19	105	76	Below Cal	#	58
92) 1,2-Dibromo-3-Chloropropan	14.34	75	31	Below Cal	#	11
95) Naphthalene	15.14	128	259	4.378	ug/l #	69

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Response via : Initial Calibration

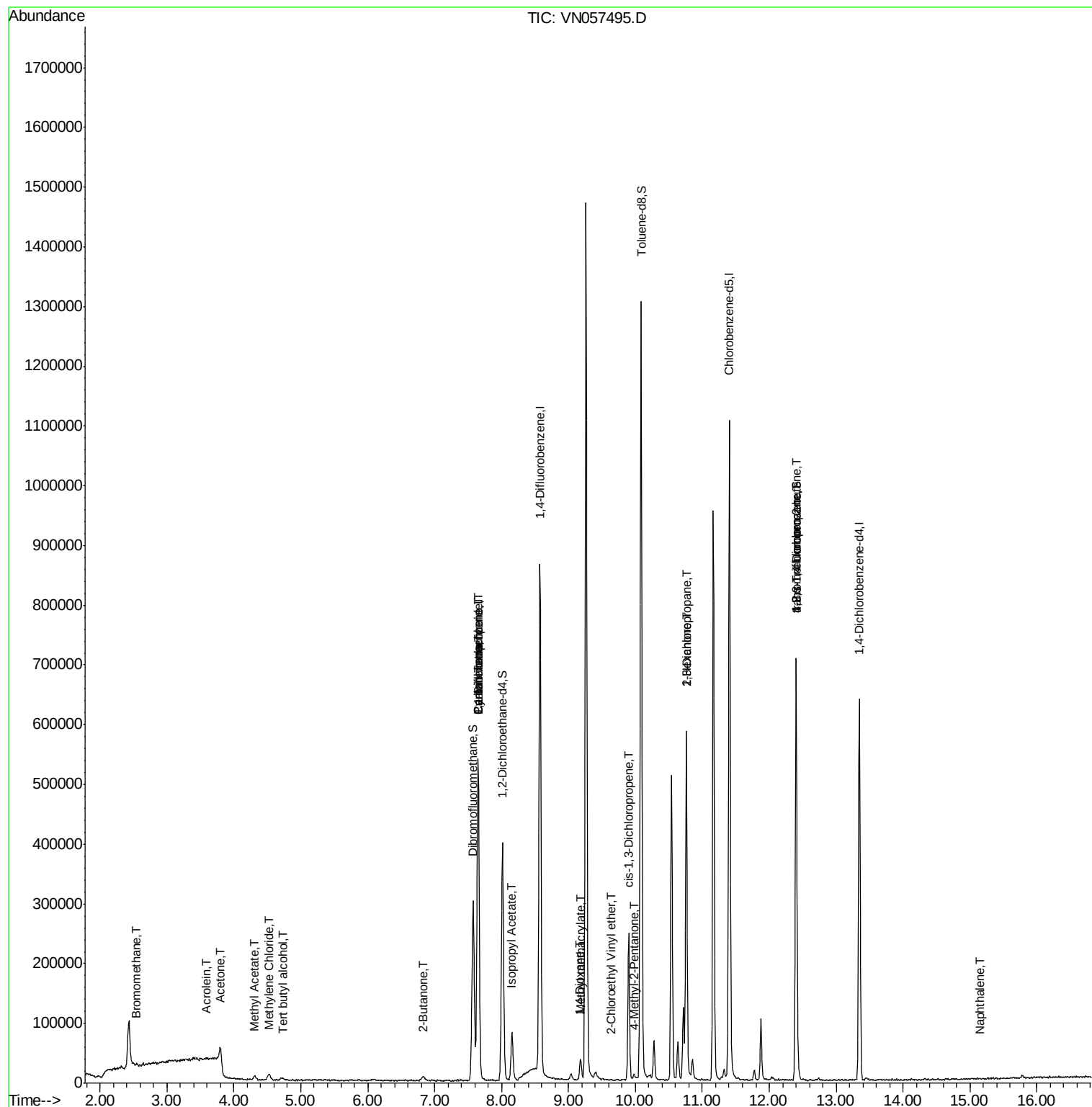
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

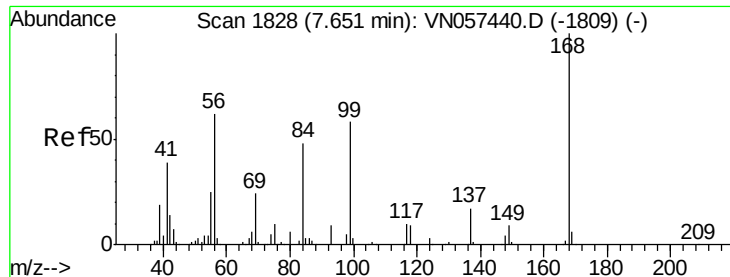
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN082419\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057495.D

Acq: 24 Aug 2019 1:08

Instrument :

MSVOA_N

ClientSampleId :

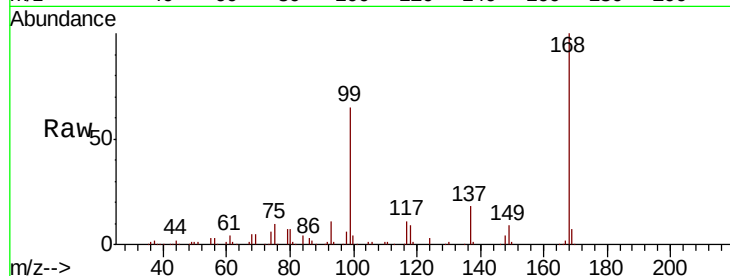
T6-S3(0)

Tgt Ion:168 Resp: 384961

Ion Ratio Lower Upper

168 100

99 65.4 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

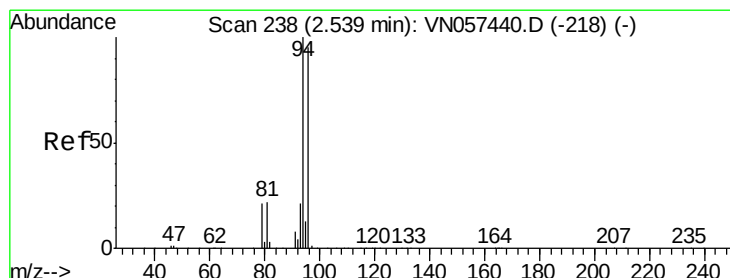
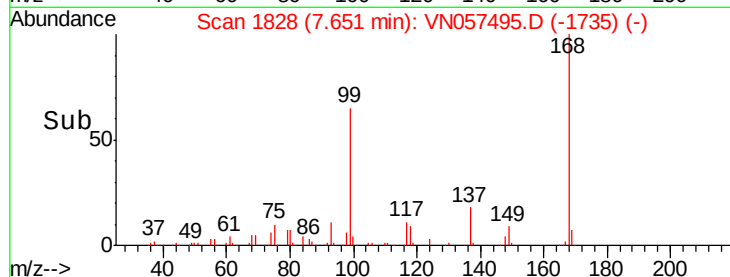
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.200 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN057495.D

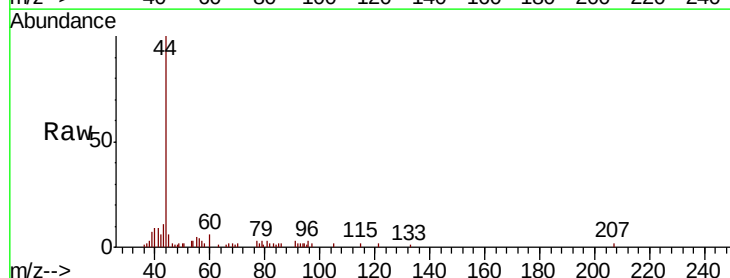
Acq: 24 Aug 2019 1:08

Tgt Ion: 94 Resp: 975

Ion Ratio Lower Upper

94 100

96 84.1 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.55

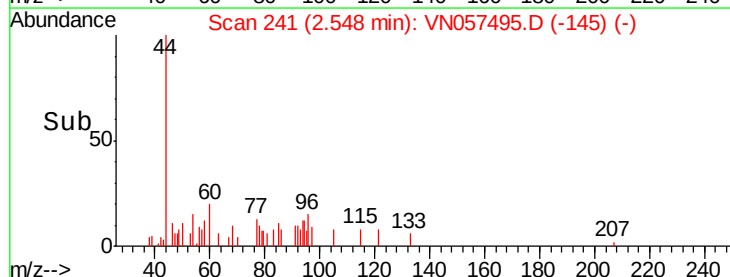
600

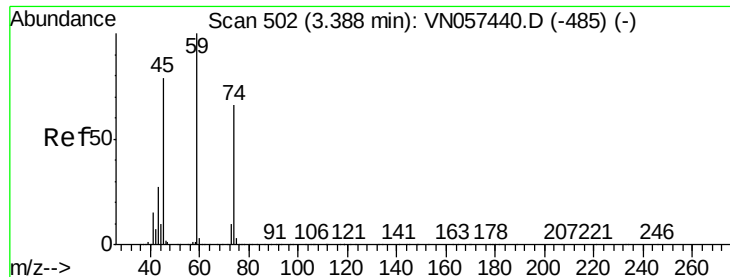
400

200

0

Time-->





#8

Diethyl Ether

Concen: Below Cal

RT: 3.39 min Scan# 504

Delta R.T. 0.01 min

Lab File: VN057495.D

Acq: 24 Aug 2019 1:08

Instrument :

MSVOA_N

ClientSampled :

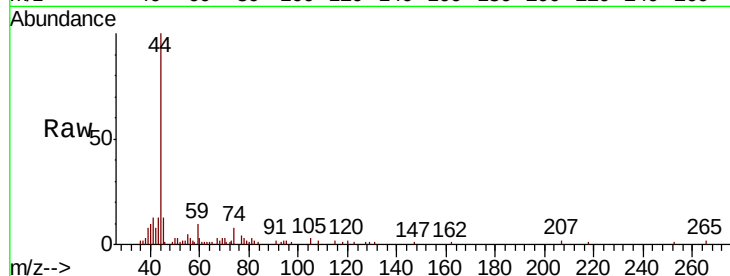
T6-S3(0)

Tgt Ion: 74 Resp: 2489

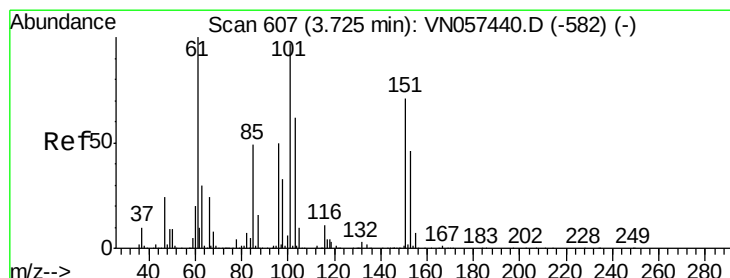
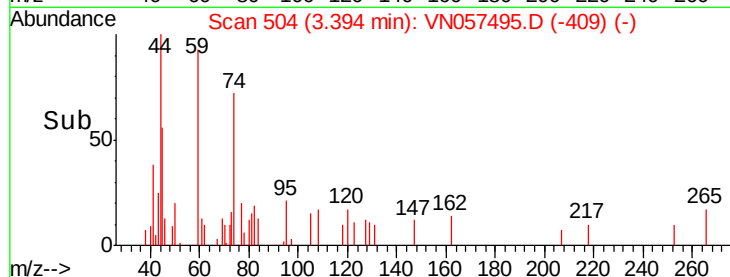
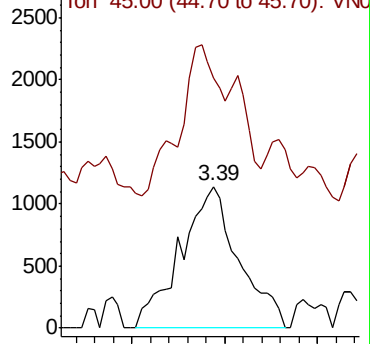
Ion Ratio Lower Upper

74 100

45 73.3 57.9 173.6



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



#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.73 min Scan# 609

Delta R.T. 0.01 min

Lab File: VN057495.D

Acq: 24 Aug 2019 1:08

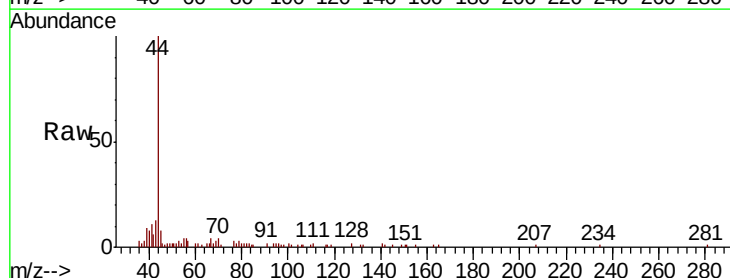
Tgt Ion: 101 Resp: 62

Ion Ratio Lower Upper

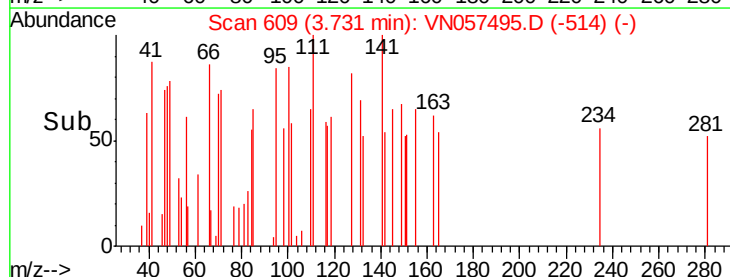
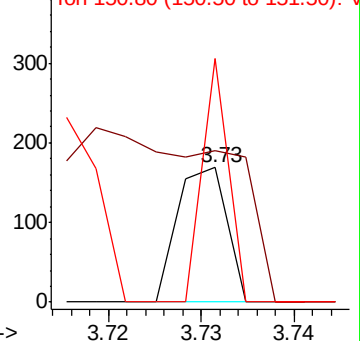
101 100

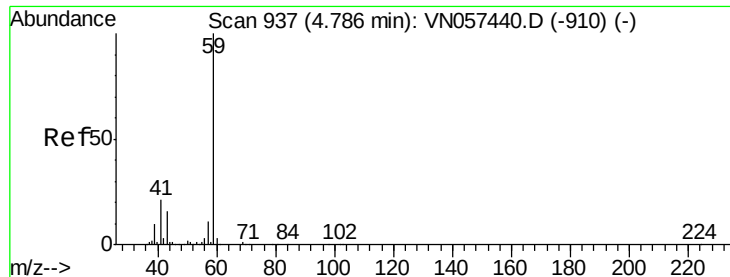
85 0.0 40.0 60.0#

151 95.2 57.0 85.6#



Abundance Ion 100.90 (100.60 to 101.60): VN057440.D (-582) (-)





#11

Tert butyl alcohol

Concen: 5.478 ug/l

RT: 4.73 min Scan# 919

Delta R.T. -0.06 min

Lab File: VN057495.D

Acq: 24 Aug 2019 1:08

Instrument :

MSVOA_N

ClientSampleId :

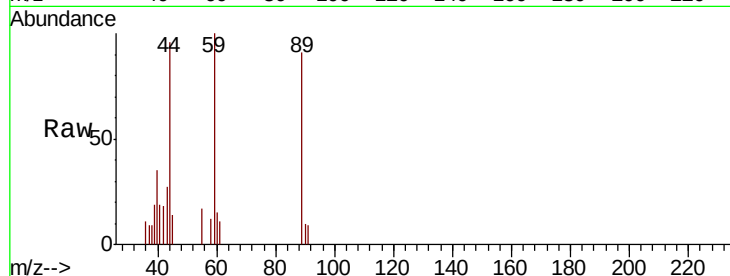
T6-S3(0)

Tgt Ion: 59 Resp: 4609

Ion Ratio Lower Upper

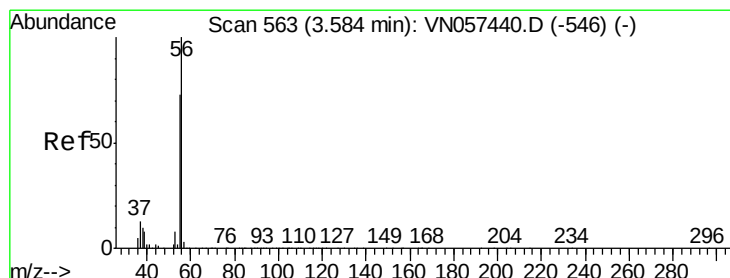
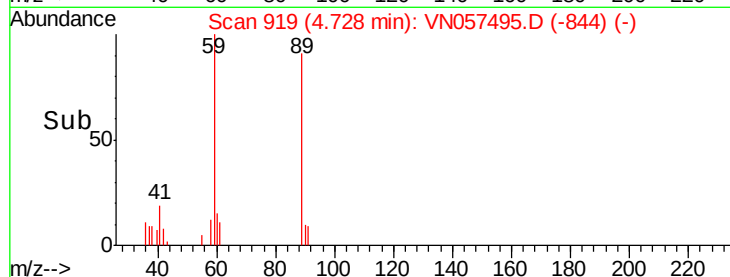
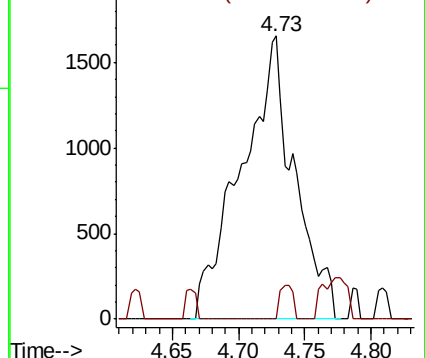
59 100

57 3.0 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#13

Acrolein

Concen: 0.393 ug/l

RT: 3.58 min Scan# 563

Delta R.T. -0.00 min

Lab File: VN057495.D

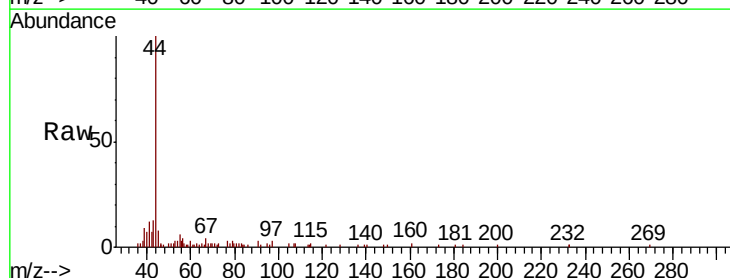
Acq: 24 Aug 2019 1:08

Tgt Ion: 56 Resp: 291

Ion Ratio Lower Upper

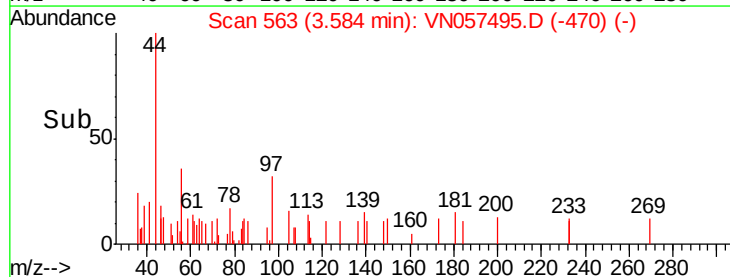
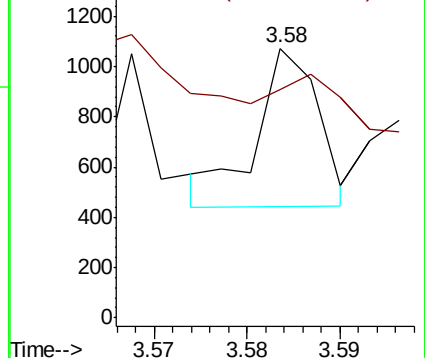
56 100

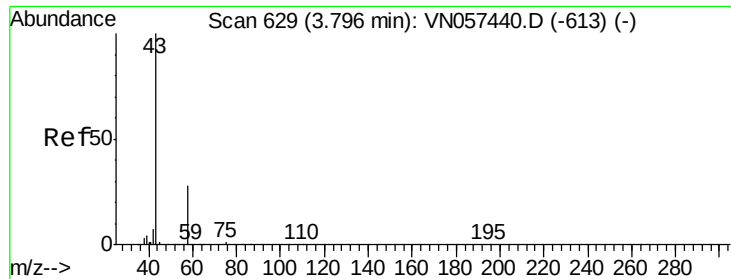
55 0.0 59.0 88.4#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0





#16

Acetone

Concen: 9.384 ug/l

RT: 3.79 min Scan# 628

Delta R.T. -0.00 min

Lab File: VN057495.D

Acq: 24 Aug 2019 1:08

Instrument :

MSVOA_N

ClientSampled :

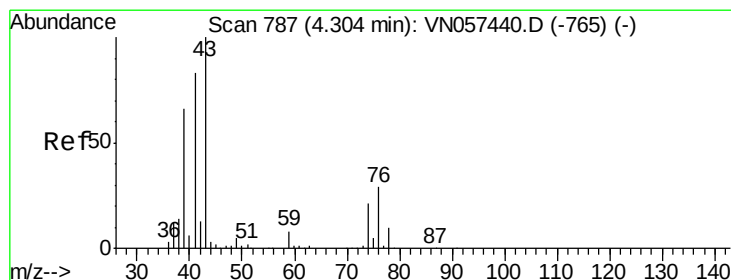
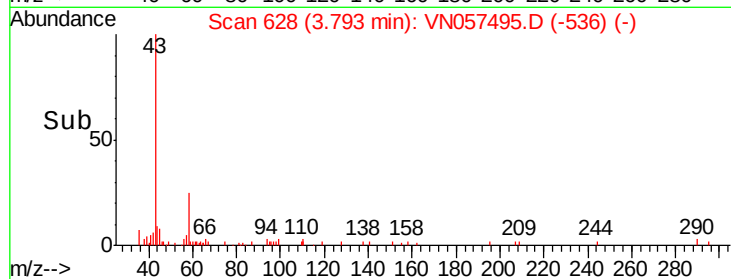
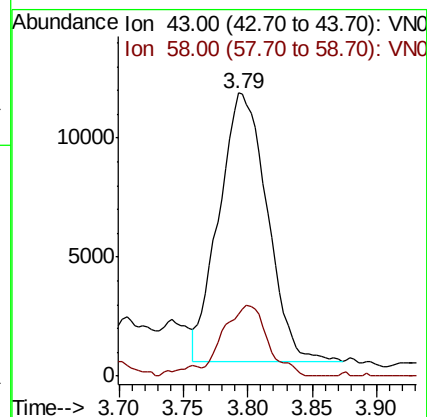
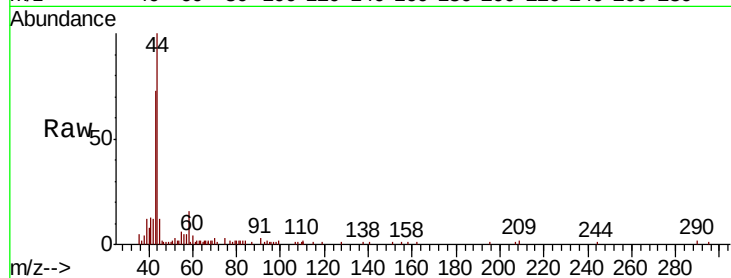
T6-S3(0)

Tgt Ion: 43 Resp: 29183

Ion Ratio Lower Upper

43 100

58 21.6 22.1 33.1#



#18

Methyl Acetate

Concen: 0.839 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.01 min

Lab File: VN057495.D

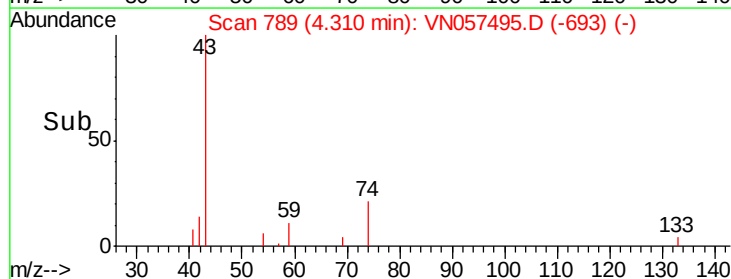
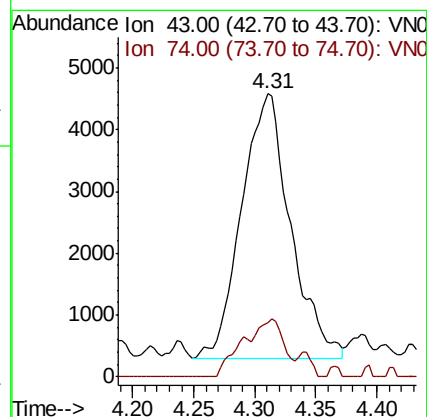
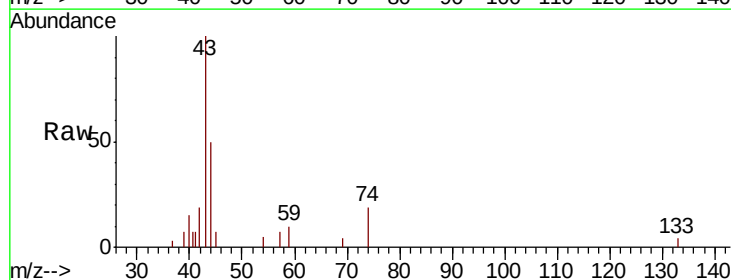
Acq: 24 Aug 2019 1:08

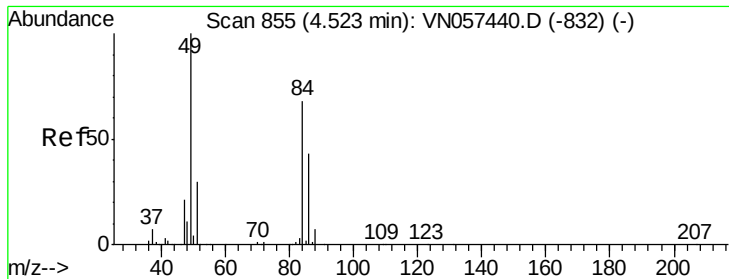
Tgt Ion: 43 Resp: 11924

Ion Ratio Lower Upper

43 100

74 11.8 15.9 23.9#

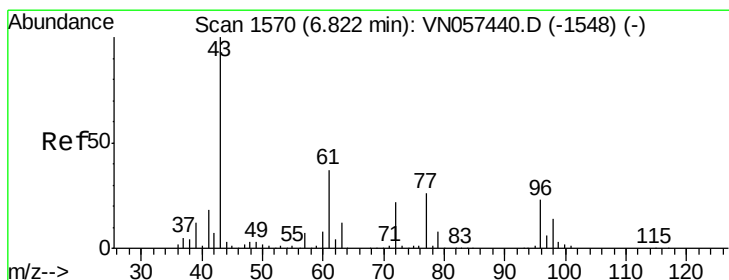
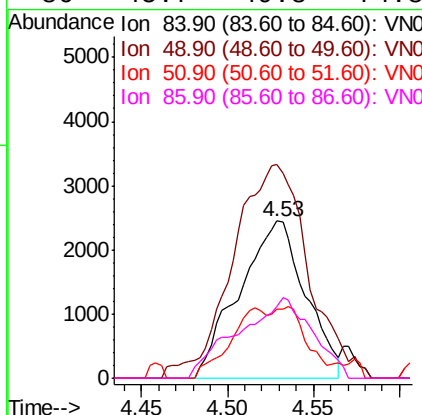
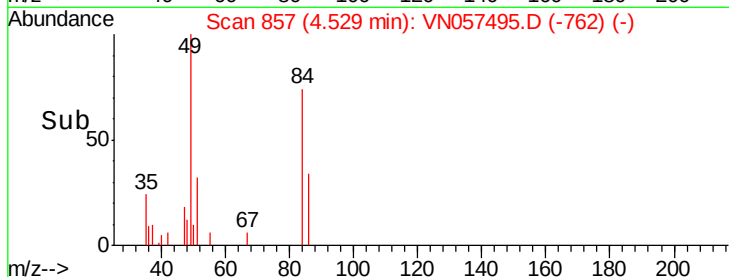
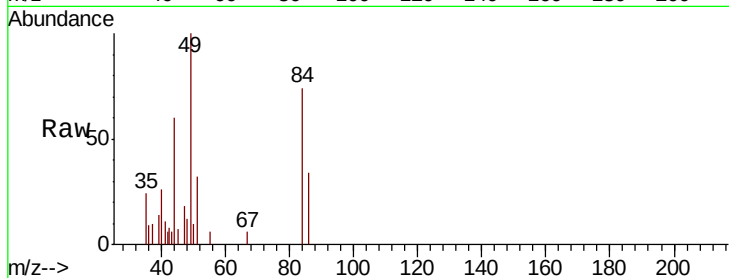




#20
Methylene Chloride
Concen: 1.350 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN057495.D
Acq: 24 Aug 2019 1:08

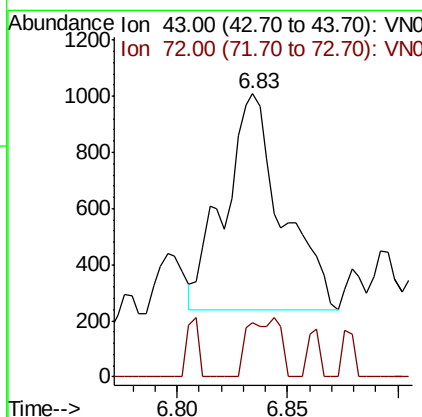
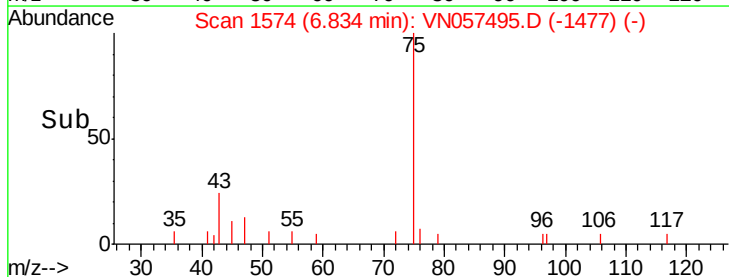
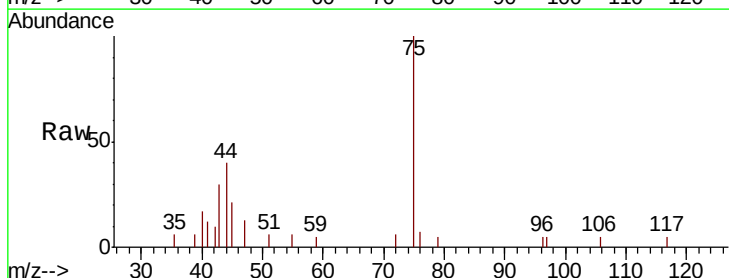
Instrument :
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ClientSampleId :
T6-S3(0)

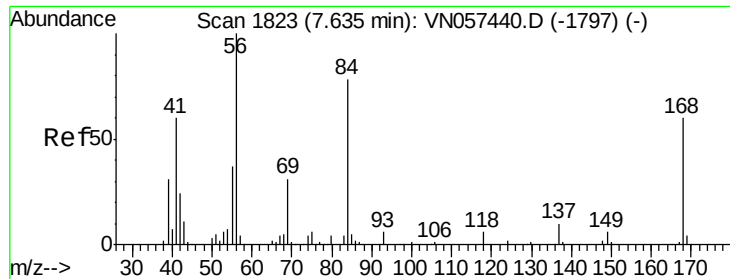
Tgt Ion: 84 Resp: 6563
Ion Ratio Lower Upper
84 100
49 125.6 117.0 175.4
51 43.9 35.5 53.3
86 45.7 49.8 74.8#



#25
2-Butanone
Concen: 0.414 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.01 min
Lab File: VN057495.D
Acq: 24 Aug 2019 1:08

Tgt Ion: 43 Resp: 1397
Ion Ratio Lower Upper
43 100
72 25.2 17.8 26.8

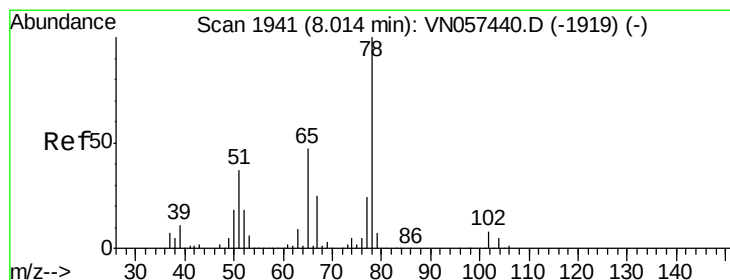
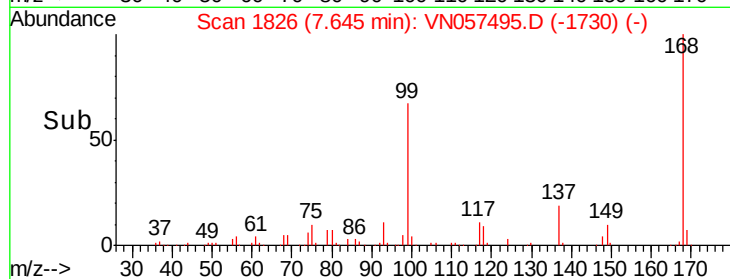
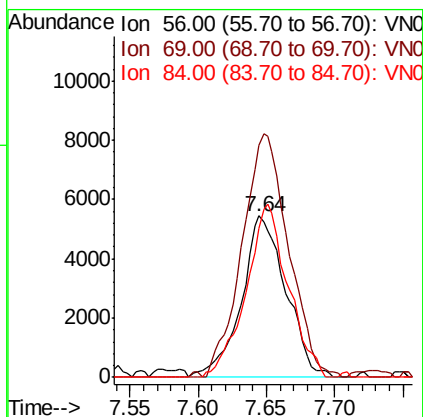
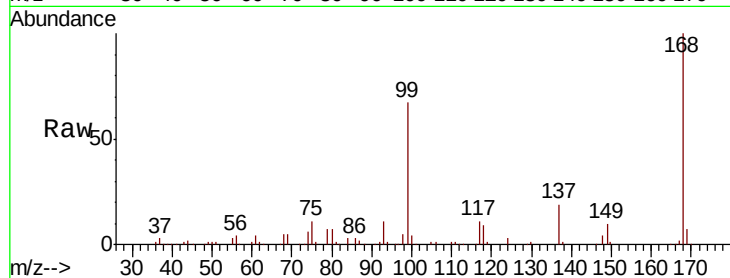




#31
Cyclohexane
Concen: 1.298 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN057495.D
Acq: 24 Aug 2019 1:08

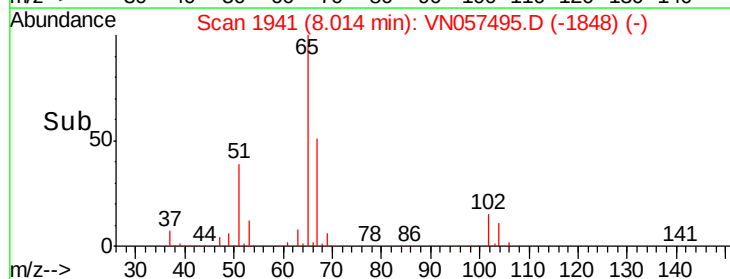
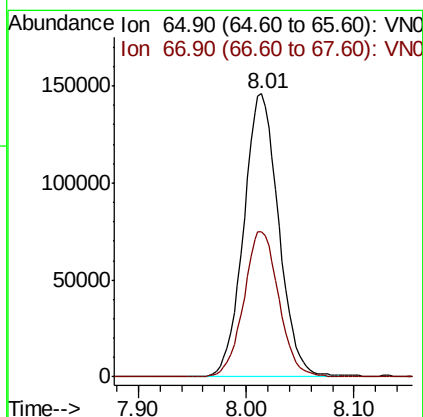
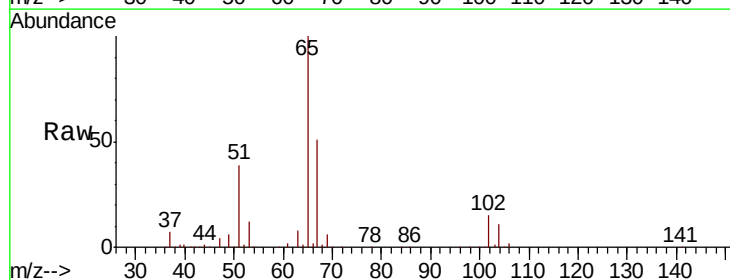
Instrument :
MSVOA_N
ClientSampled :
T6-S3(0)

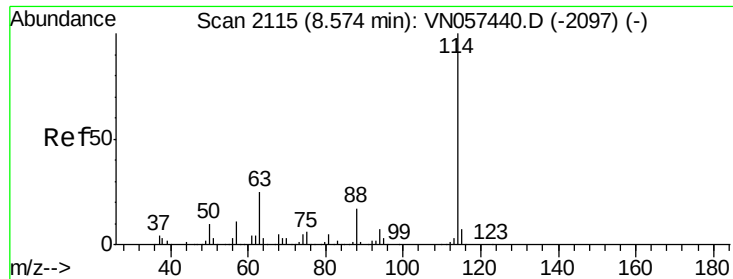
Tgt Ion	Resp	Lower	Upper
56	100		
69	143.8	25.0	37.6#
84	92.4	62.5	93.7



#33
1,2-Dichloroethane-d4
Concen: 48.569 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VN057495.D
Acq: 24 Aug 2019 1:08

Tgt Ion	Resp	Lower	Upper
65	100		
67	51.5	0.0	103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN057495.D

Acq: 24 Aug 2019 1:08

Instrument :

MSVOA_N

ClientSampleId :

T6-S3(0)

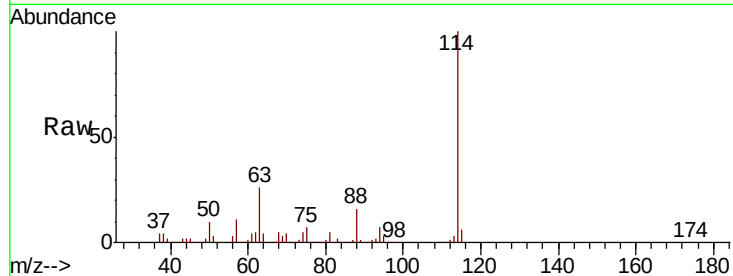
Tgt Ion:114 Resp: 689400

Ion Ratio Lower Upper

114 100

63 25.6 0.0 50.2

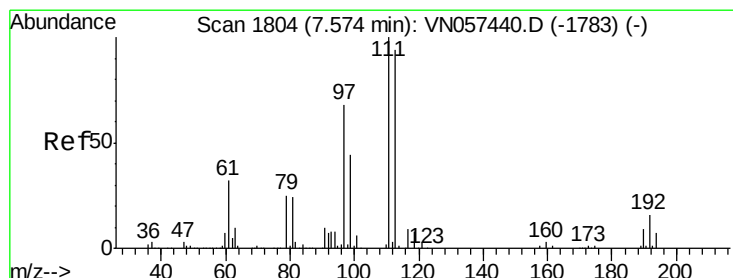
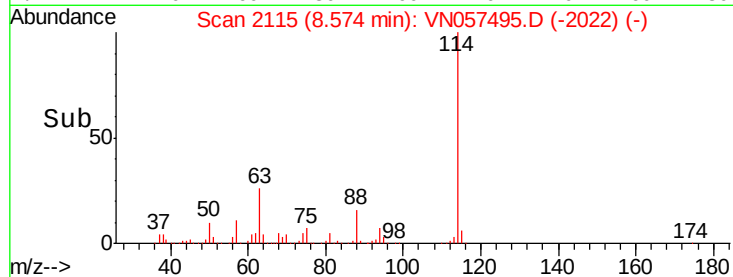
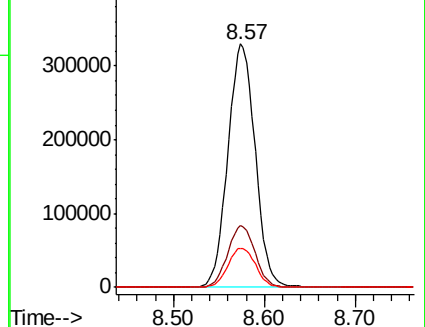
88 16.2 0.0 34.6



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: 47.008 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057495.D

Acq: 24 Aug 2019 1:08

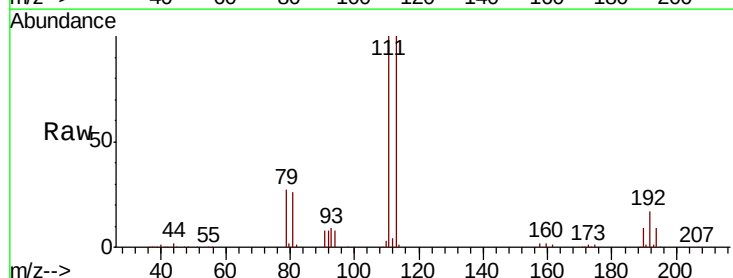
Tgt Ion:113 Resp: 218898

Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

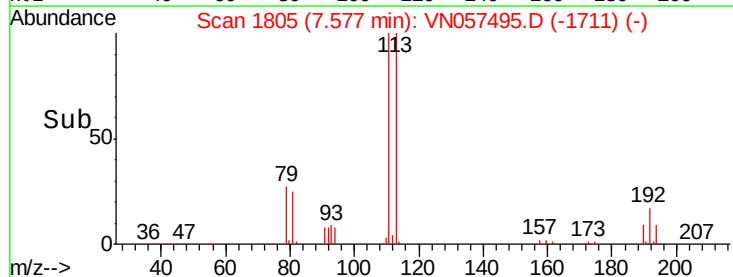
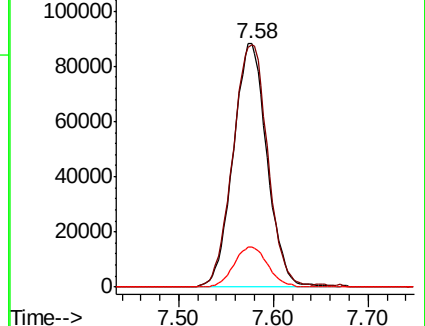
192 16.6 13.5 20.3

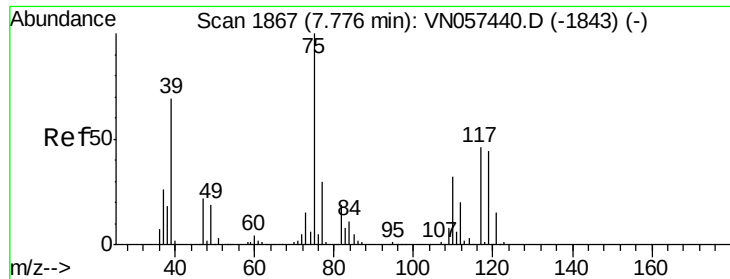


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

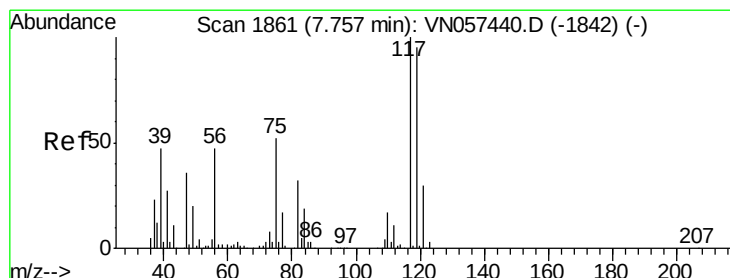
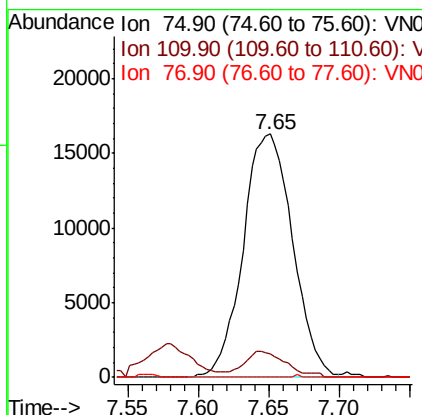
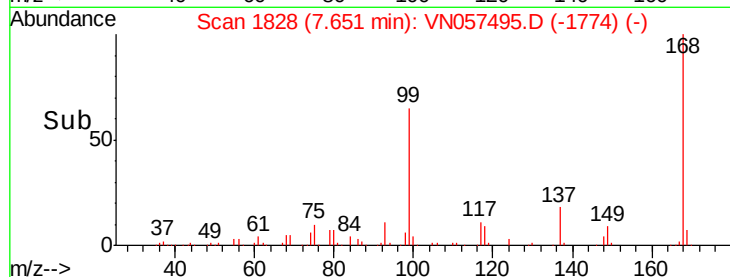
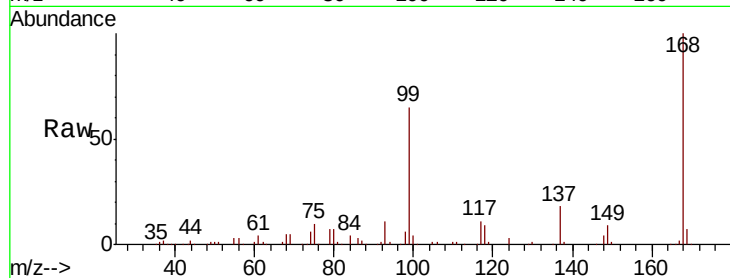




#36
 1,1-Dichloropropene
 Concen: 5.671 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057495.D
 Acq: 24 Aug 2019 1:08

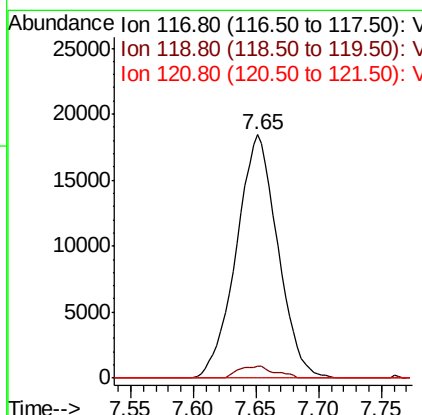
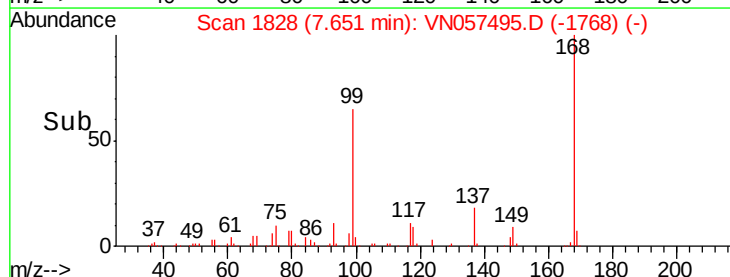
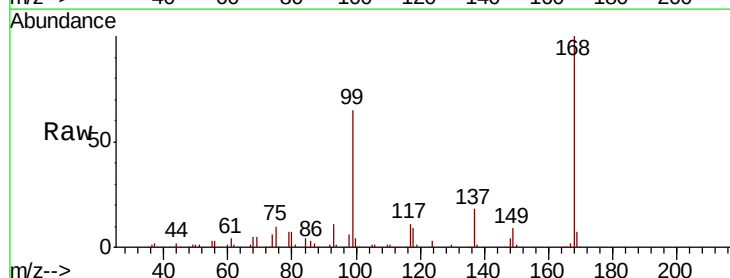
Instrument :
 MSVOA_N
 ClientSampleId :
 T6-S3(0)

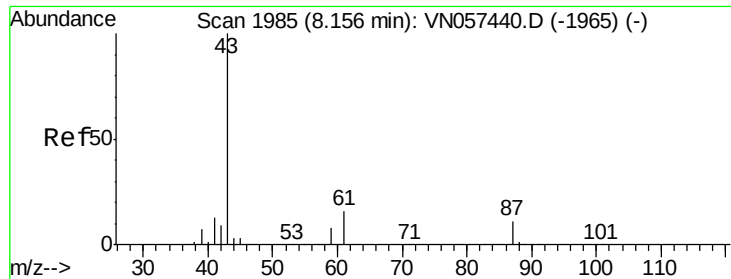
Tgt Ion: 75 Resp: 39950
 Ion Ratio Lower Upper
 75 100
 110 6.8 16.1 48.3#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.046 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.11 min
 Lab File: VN057495.D
 Acq: 24 Aug 2019 1:08

Tgt Ion: 117 Resp: 42313
 Ion Ratio Lower Upper
 117 100
 119 4.7 76.2 114.4#
 121 0.0 23.8 35.6#





#43

Isopropyl Acetate

Concen: 7.766 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. -0.00 min

Lab File: VN057495.D

Acq: 24 Aug 2019 1:08

Instrument :

MSVOA_N

ClientSampleId :

T6-S3(0)

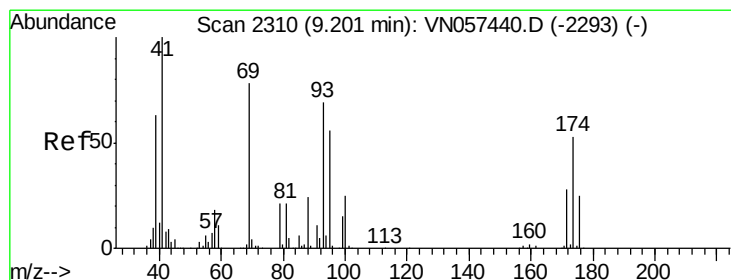
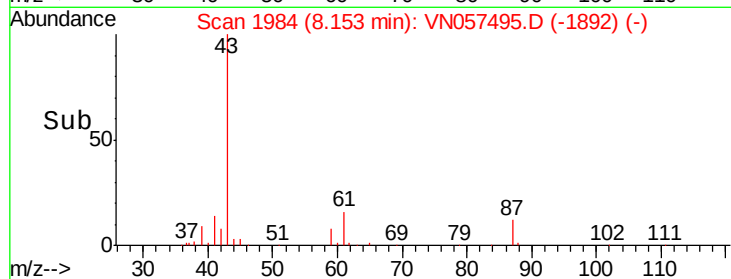
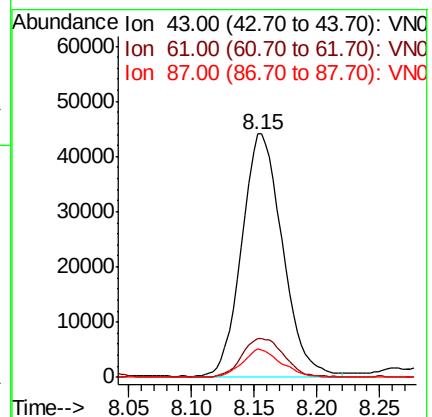
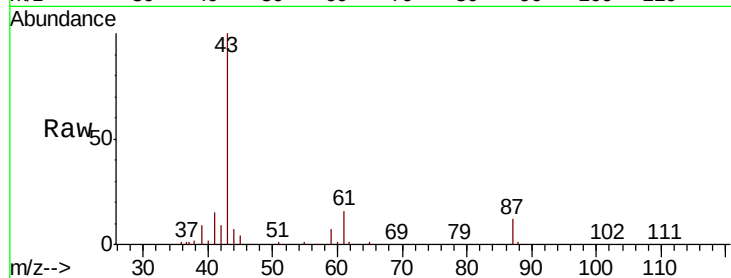
Tgt Ion: 43 Resp: 99123

Ion Ratio Lower Upper

43 100

61 16.7 14.5 21.7

87 11.1 8.6 12.8



#46

Dibromomethane

Concen: Below Cal

RT: 9.15 min Scan# 2295

Delta R.T. -0.05 min

Lab File: VN057495.D

Acq: 24 Aug 2019 1:08

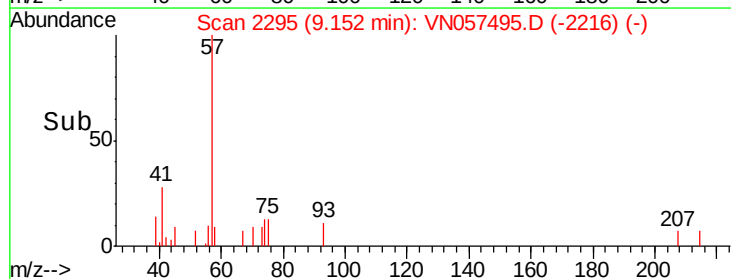
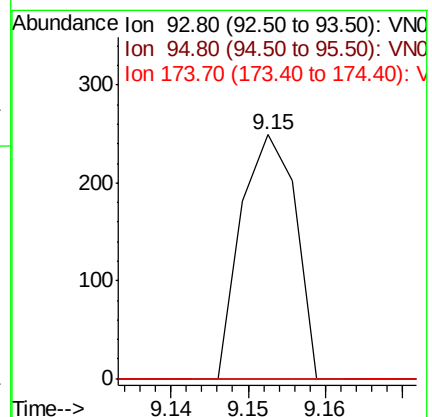
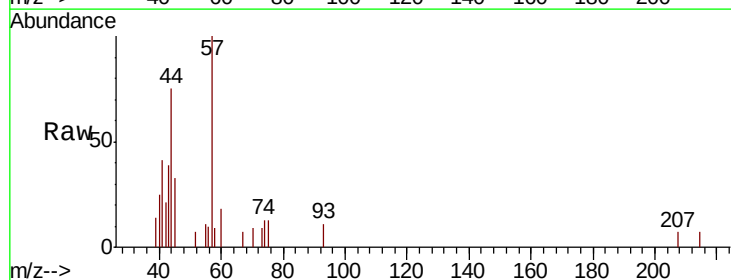
Tgt Ion: 93 Resp: 122

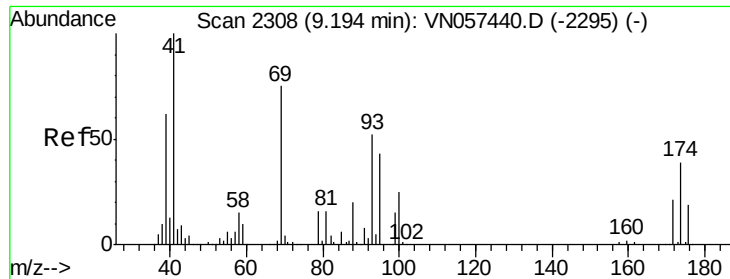
Ion Ratio Lower Upper

93 100

95 0.0 64.7 97.1#

174 0.0 62.3 93.5#

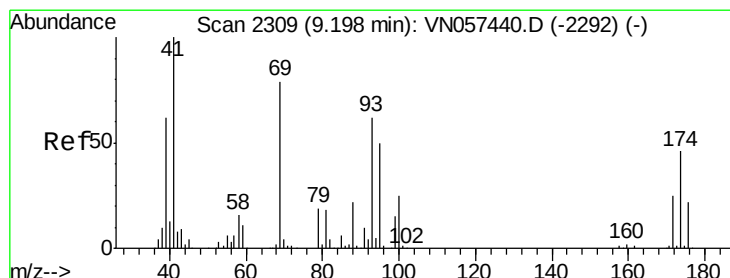
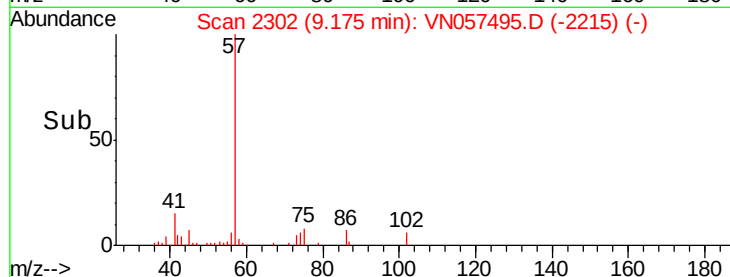
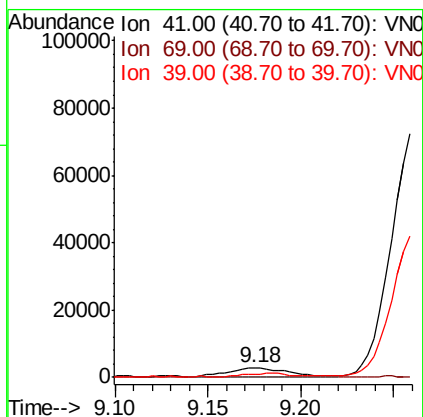
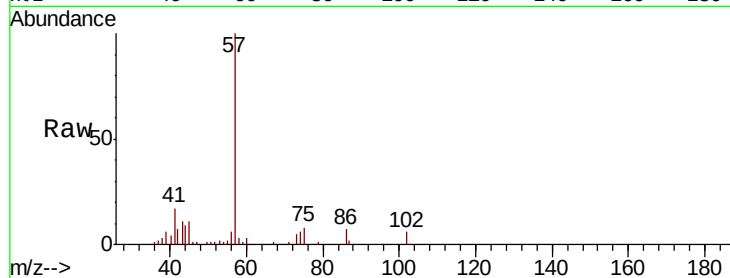




#48
Methyl methacrylate
Concen: 0.926 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN057495.D
Acq: 24 Aug 2019 1:08

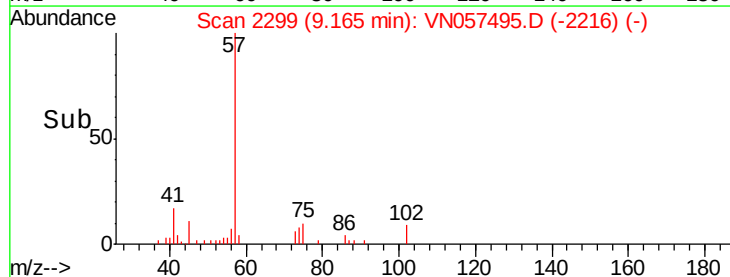
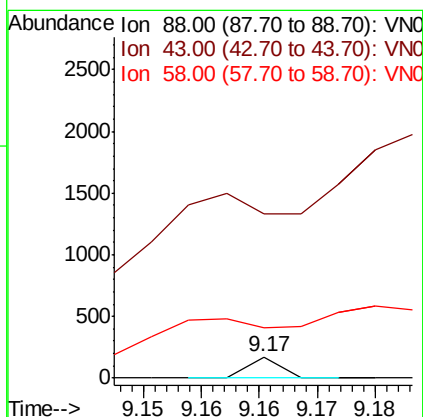
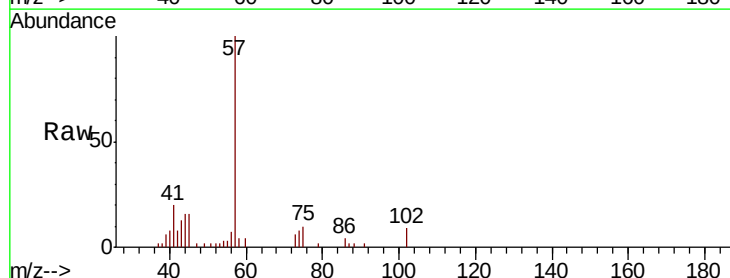
Instrument :
MSVOA_N
ClientSampleId :
T6-S3(0)

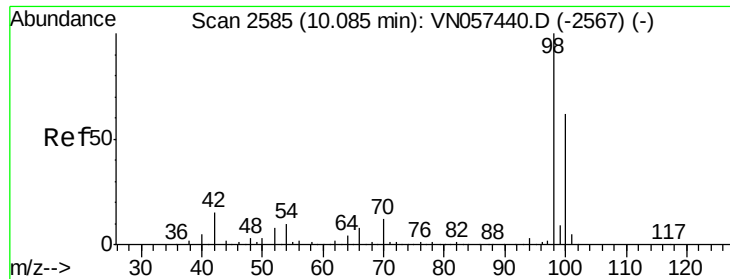
Tgt Ion: 41 Resp: 5620
Ion Ratio Lower Upper
41 100
69 2.7 59.3 88.9#
39 0.0 50.6 75.8#



#49
1,4-Dioxane
Concen: 0.420 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.03 min
Lab File: VN057495.D
Acq: 24 Aug 2019 1:08

Tgt Ion: 88 Resp: 33
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.6#
58 1097.0 64.5 96.7#





#50

Toluene-d8

Concen: 49.010 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057495.D

Acq: 24 Aug 2019 1:08

Instrument :

MSVOA_N

ClientSampled :

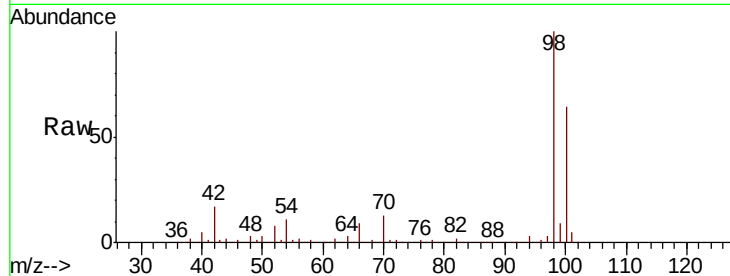
T6-S3(0)

Tgt Ion: 98 Resp: 862952

Ion Ratio Lower Upper

98 100

100 63.6 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

400000

300000

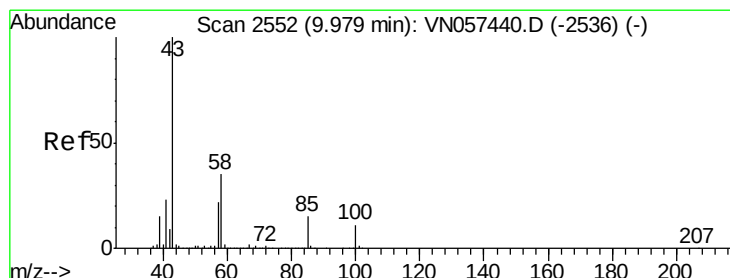
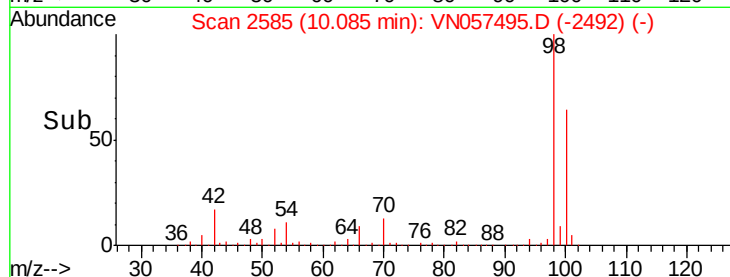
200000

100000

0

Time-->

10.00 10.10 10.20



#51

4-Methyl-2-Pentanone

Concen: 0.764 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. -0.00 min

Lab File: VN057495.D

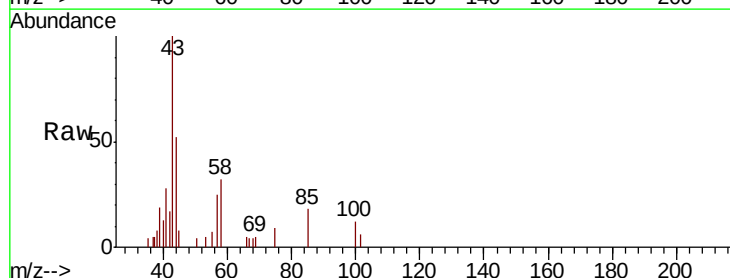
Acq: 24 Aug 2019 1:08

Tgt Ion: 43 Resp: 5434

Ion Ratio Lower Upper

43 100

58 44.5 27.9 41.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

8000

6000

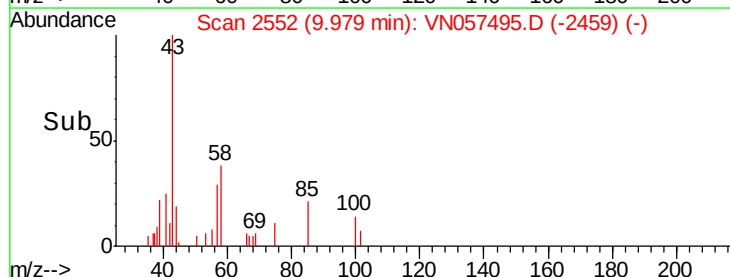
4000

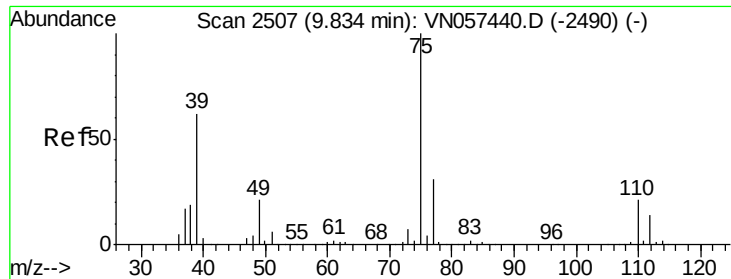
2000

0

Time-->

9.95 9.98 10.00



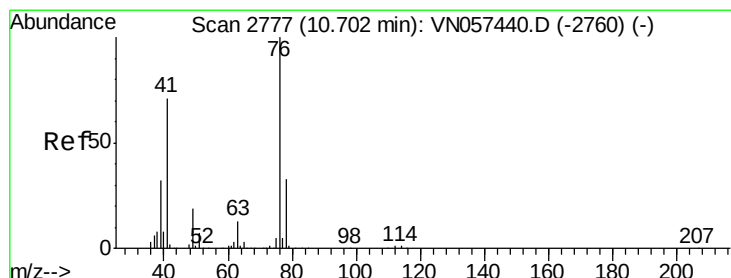
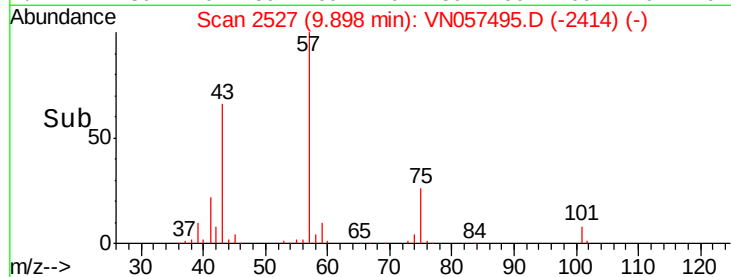
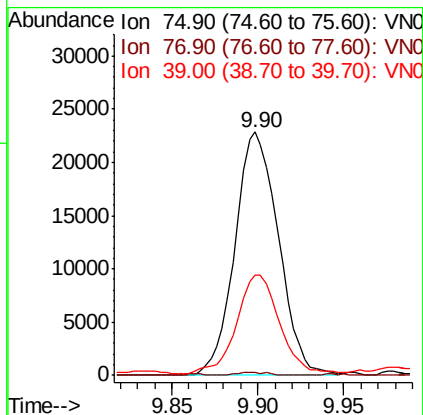
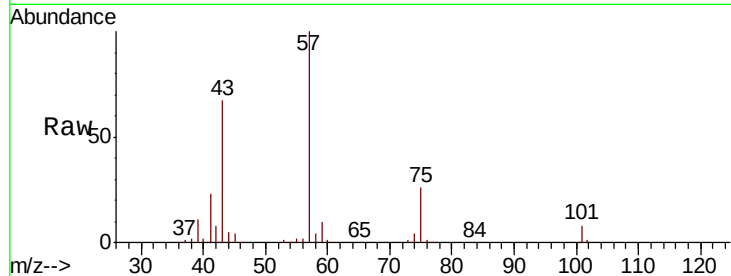


#54

cis-1,3-Dichloropropene
 Concen: 4.383 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN057495.D
 Acq: 24 Aug 2019 1:08

Instrument :
 MSVOA_N
 ClientSampled :
 T6-S3(0)

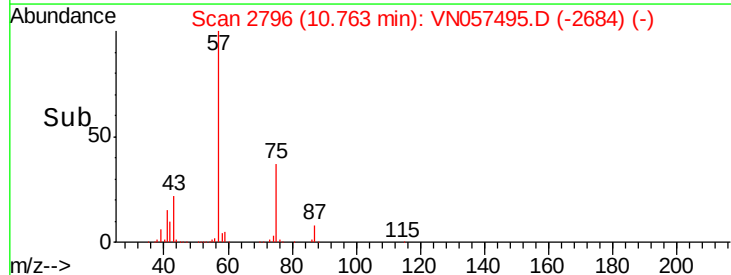
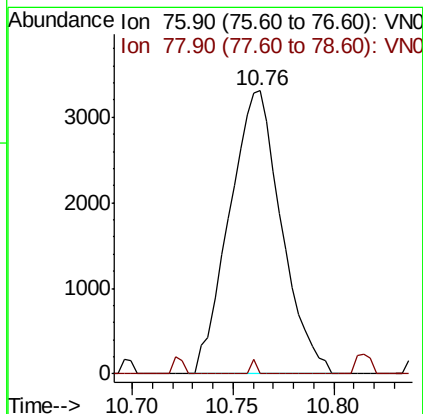
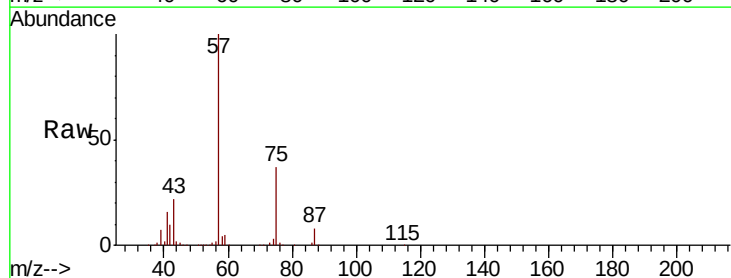
Tgt Ion: 75 Resp: 40151
 Ion Ratio Lower Upper
 75 100
 77 1.0 25.0 37.6#
 39 40.3 49.2 73.8#

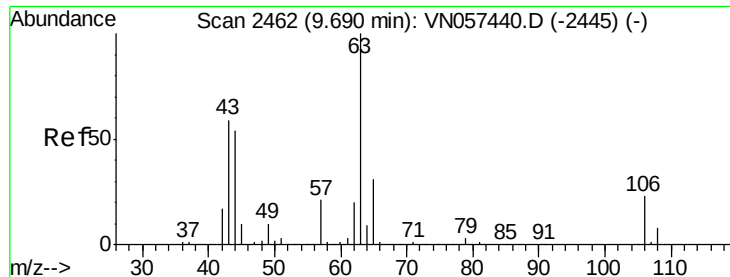


#57

1,3-Dichloropropane
 Concen: 0.694 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN057495.D
 Acq: 24 Aug 2019 1:08

Tgt Ion: 76 Resp: 5956
 Ion Ratio Lower Upper
 76 100
 78 0.5 25.5 38.3#

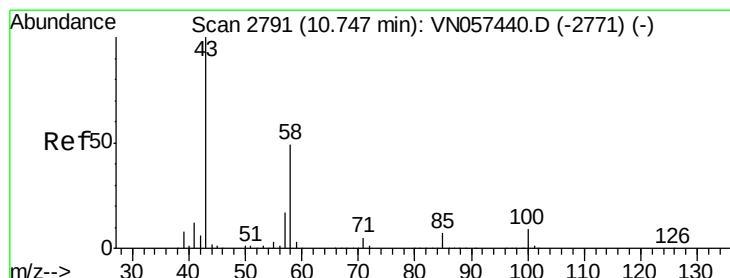
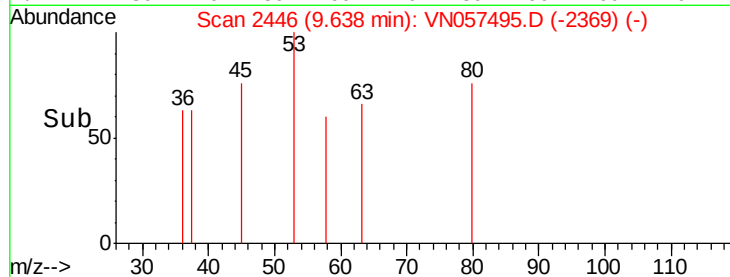
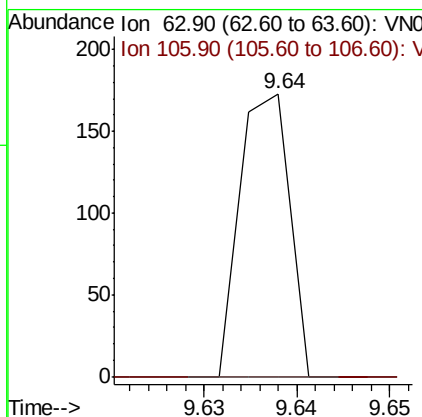
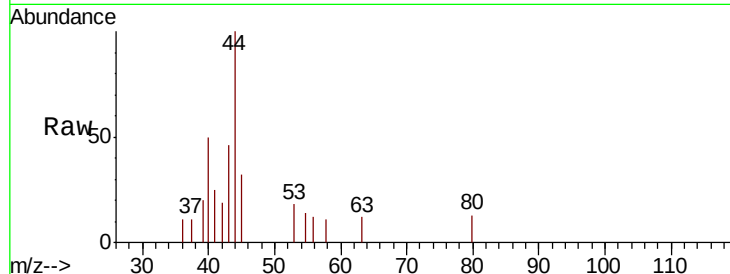




#58
 2-Chloroethyl Vinyl ether
 Concen: 17.093 ug/l
 RT: 9.64 min Scan# 2446
 Delta R.T. -0.05 min
 Lab File: VN057495.D
 Acq: 24 Aug 2019 1:08

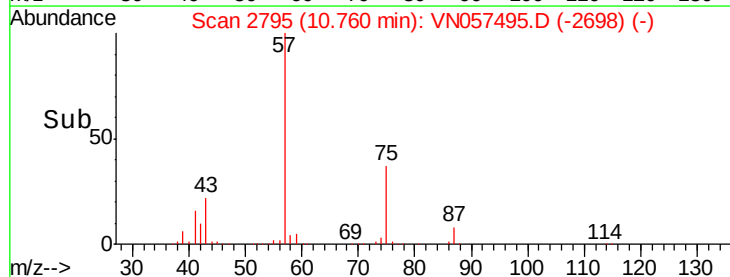
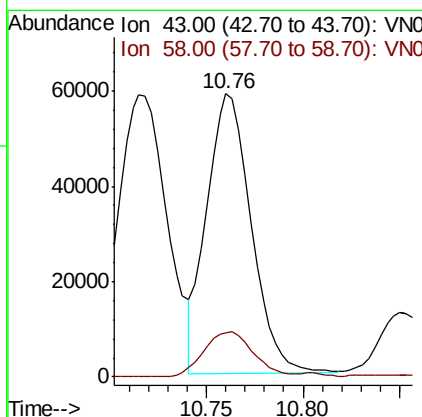
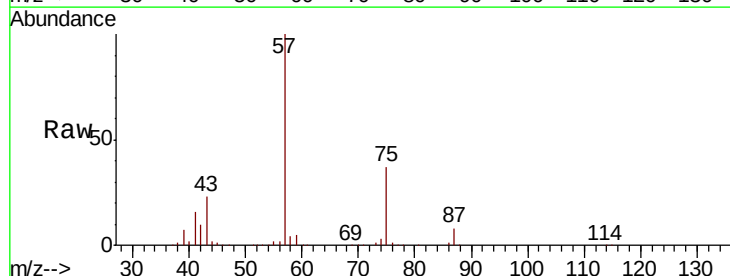
Instrument :
 MSVOA_N
 ClientSampleId :
 T6-S3(0)

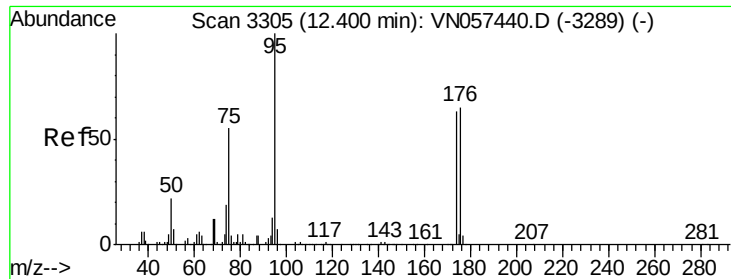
Tgt Ion: 63 Resp: 65
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.6 27.8#



#59
 2-Hexanone
 Concen: 19.336 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: VN057495.D
 Acq: 24 Aug 2019 1:08

Tgt Ion: 43 Resp: 94339
 Ion Ratio Lower Upper
 43 100
 58 18.0 24.6 73.6#

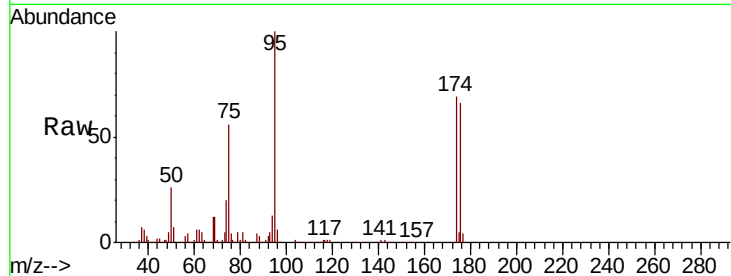




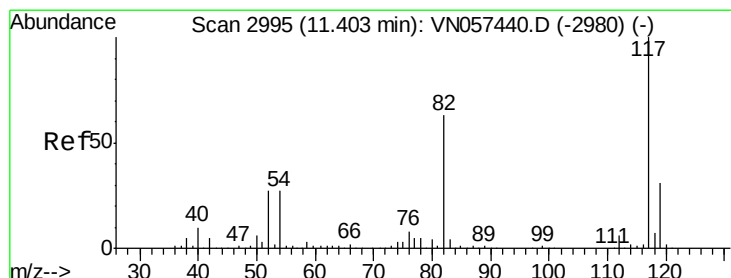
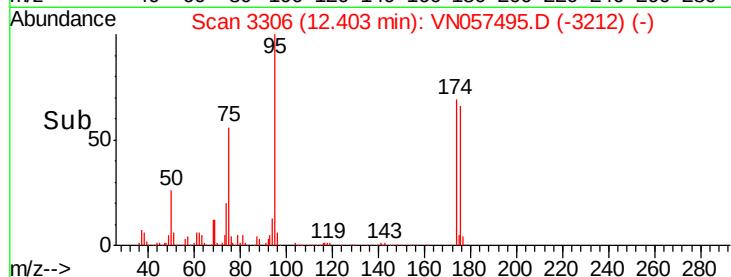
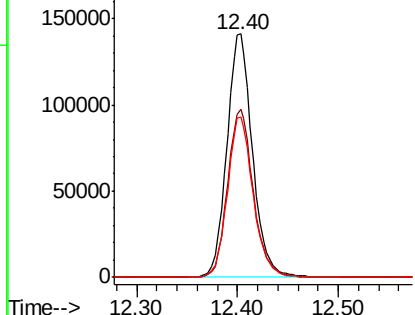
#62
4-Bromofluorobenzene
Concen: 41.841 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057495.D
Acq: 24 Aug 2019 1:08

Instrument :
MSVOA_N
ClientSampleId :
T6-S3(0)

Tgt Ion: 95 Resp: 249659
Ion Ratio Lower Upper
95 100
174 69.3 0.0 133.0
176 66.2 0.0 130.8

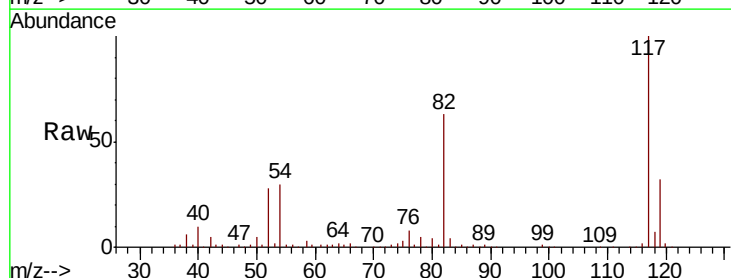


Abundance Ion 94.90 (94.60 to 95.60): VN057440.D (-3289) (-)
Ion 173.80 (173.50 to 174.50): VN057440.D (-3289) (-)
Ion 175.80 (175.50 to 176.50): VN057440.D (-3289) (-)

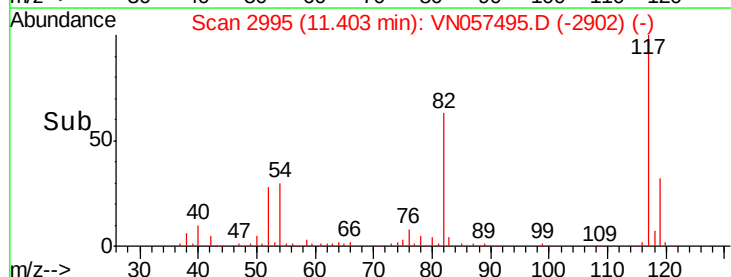
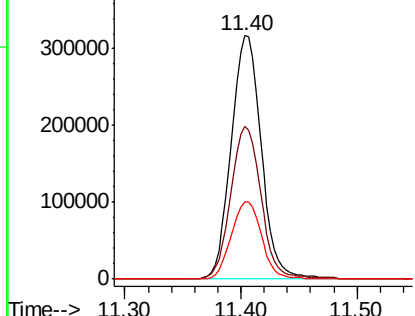


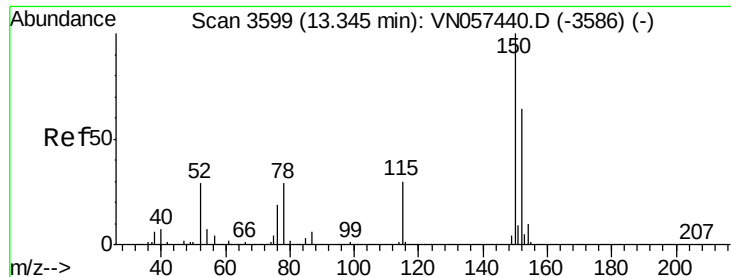
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN057495.D
Acq: 24 Aug 2019 1:08

Tgt Ion: 117 Resp: 569652
Ion Ratio Lower Upper
117 100
82 62.5 50.6 75.8
119 31.6 24.6 36.8



Abundance Ion 116.90 (116.60 to 117.60): VN057440.D (-2980) (-)
Ion 82.00 (81.70 to 82.70): VN057440.D (-2980) (-)
Ion 118.90 (118.60 to 119.60): VN057440.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN057495.D

Acq: 24 Aug 2019 1:08

Instrument :

MSVOA_N

ClientSampleId :

T6-S3(0)

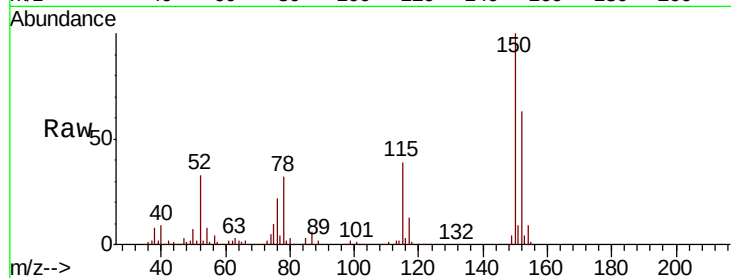
Tgt Ion:152 Resp: 154938

Ion Ratio Lower Upper

152 100

115 62.7 32.0 96.0

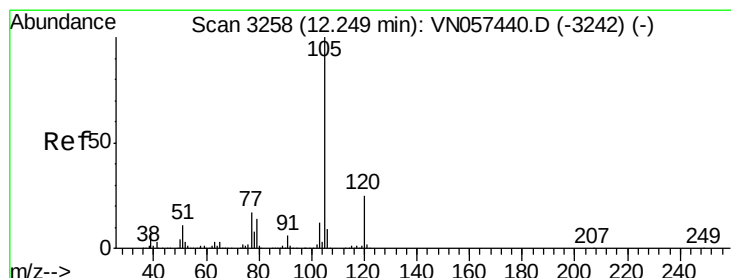
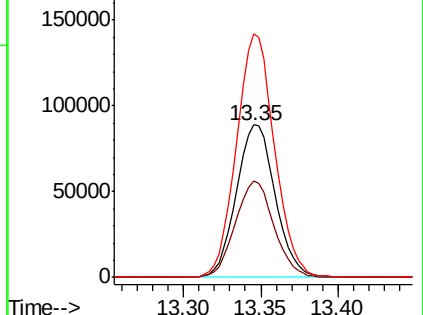
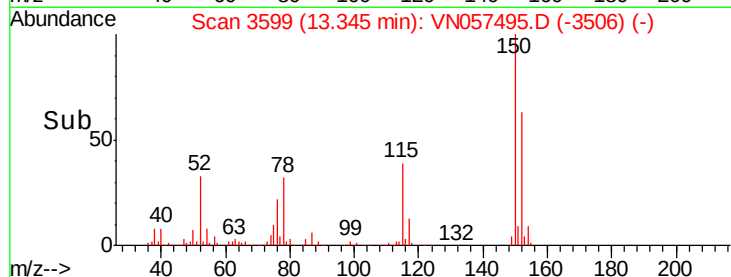
150 156.4 0.0 346.6



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: 12.26 min Scan# 3260

Delta R.T. 0.01 min

Lab File: VN057495.D

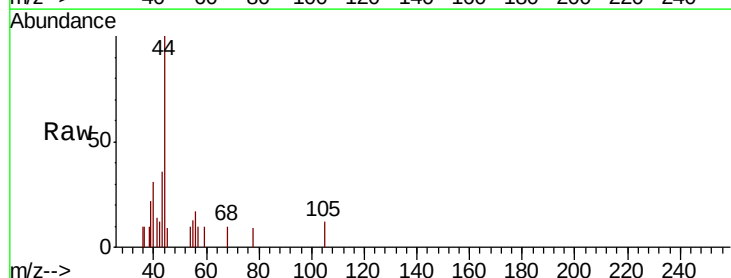
Acq: 24 Aug 2019 1:08

Tgt Ion:105 Resp: 74

Ion Ratio Lower Upper

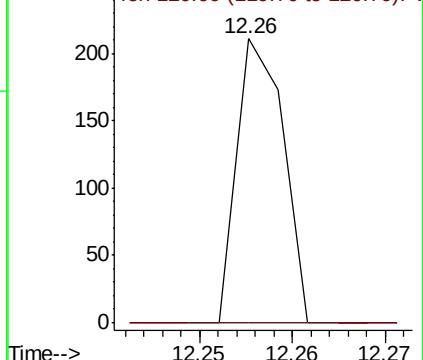
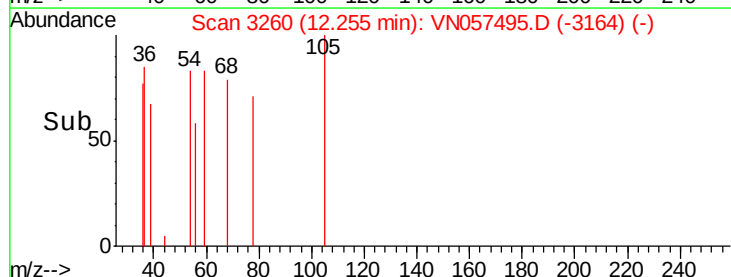
105 100

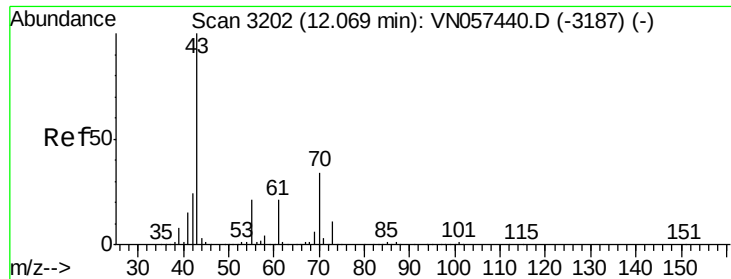
120 0.0 12.7 38.0#



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: 12.03 min Scan# 3191

Delta R.T. -0.03 min

Lab File: VN057495.D

Acq: 24 Aug 2019 1:08

Instrument :

MSVOA_N

ClientSampleId :

T6-S3(0)

Tgt Ion: 43 Resp: 3879

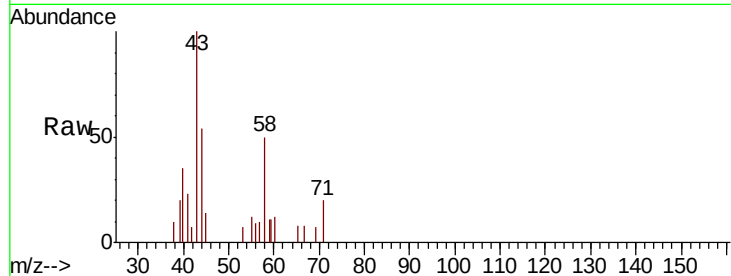
Ion Ratio Lower Upper

43 100

70 6.5 27.8 41.6#

55 3.1 17.0 25.4#

61 0.0 17.0 25.6#

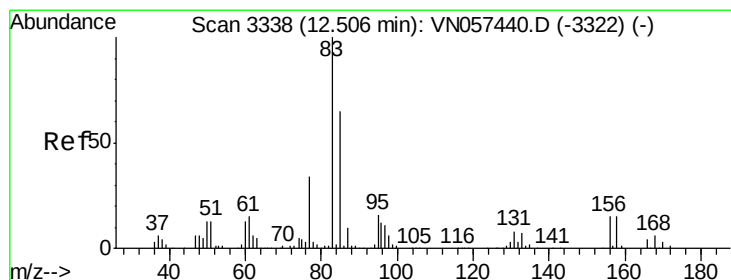
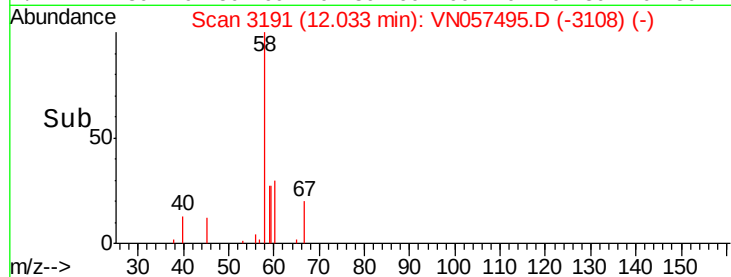
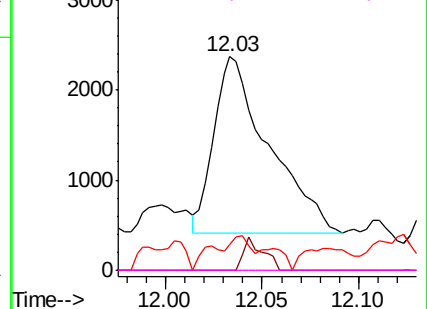


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 12.40 min Scan# 3306

Delta R.T. -0.10 min

Lab File: VN057495.D

Acq: 24 Aug 2019 1:08

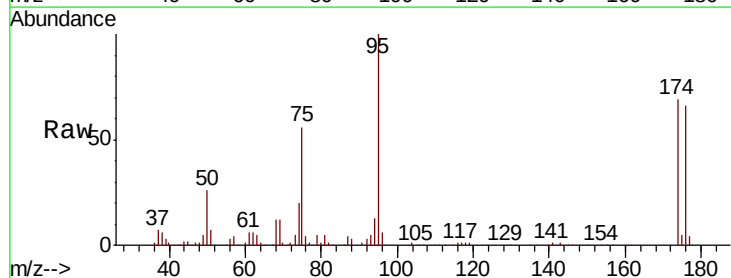
Tgt Ion: 83 Resp: 551

Ion Ratio Lower Upper

83 100

131 20.3 4.3 13.1#

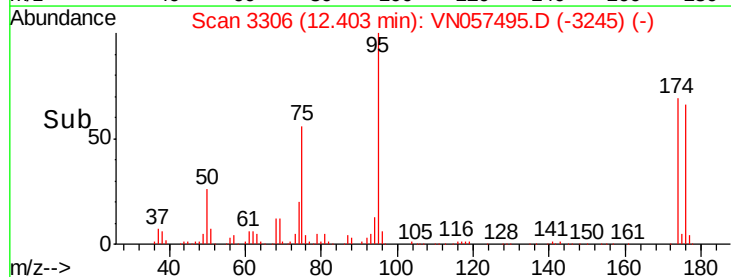
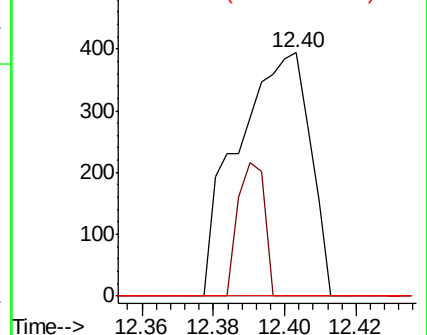
85 0.0 32.3 96.8#

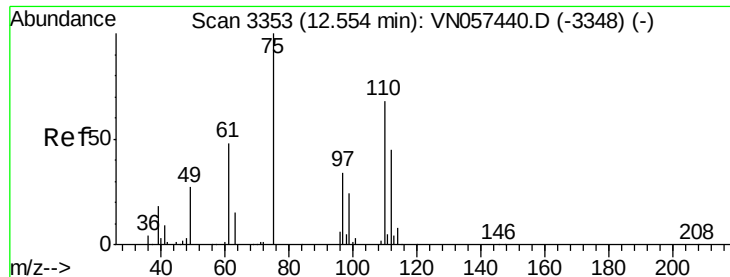


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0

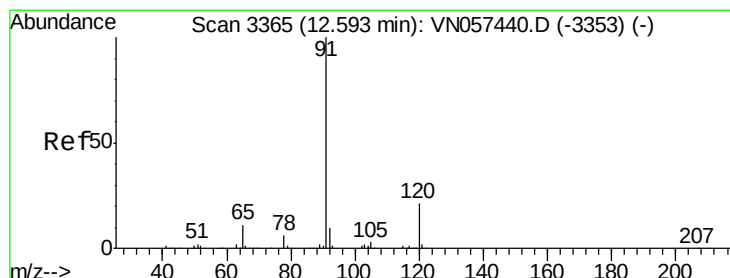
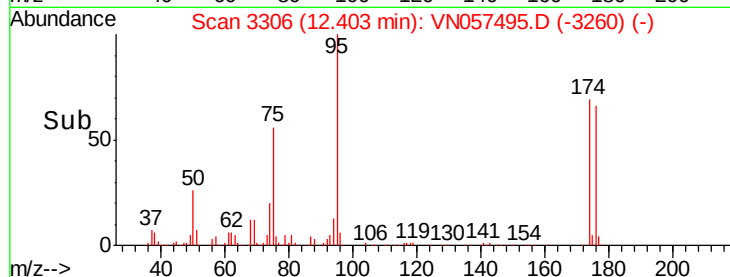
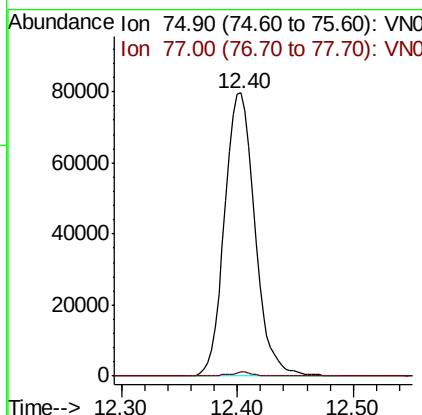
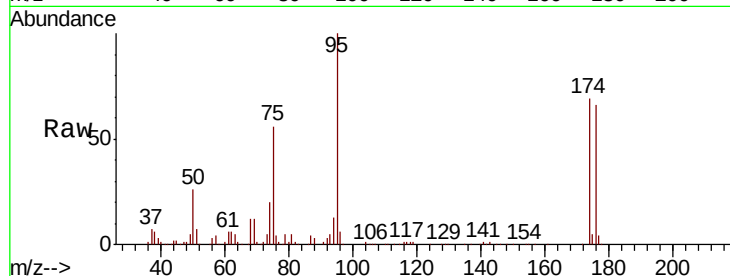




#76
 1,2,3-Trichloropropane
 Concen: 41.236 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN057495.D
 Acq: 24 Aug 2019 1:08

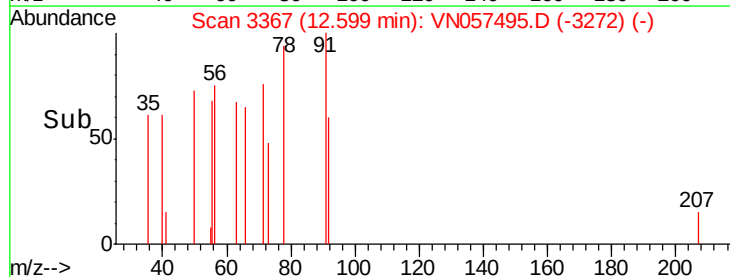
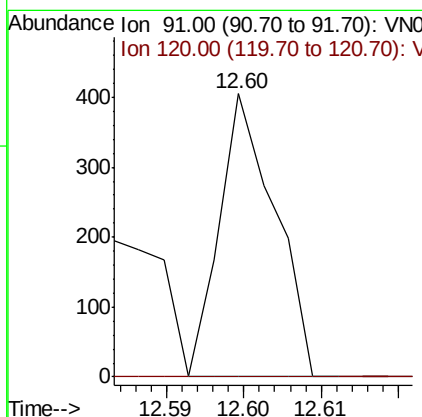
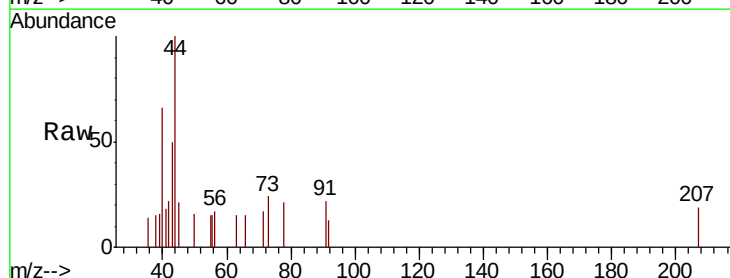
Instrument :
 MSVOA_N
 ClientSampleId :
 T6-S3(0)

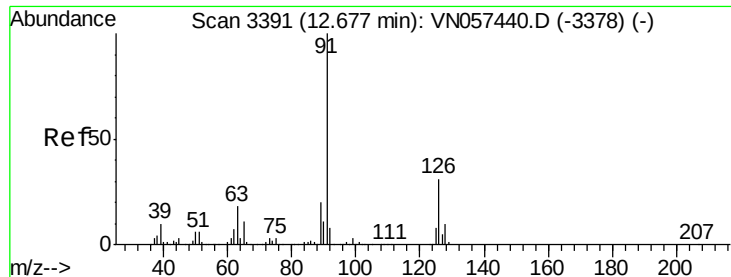
Tgt Ion: 75 Resp: 143663
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#78
 n-propylbenzene
 Concen: Below Cal
 RT: 12.60 min Scan# 3367
 Delta R.T. 0.01 min
 Lab File: VN057495.D
 Acq: 24 Aug 2019 1:08

Tgt Ion: 91 Resp: 202
 Ion Ratio Lower Upper
 91 100
 120 0.0 10.7 32.1#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.63 min Scan# 3377

Delta R.T. -0.04 min

Lab File: VN057495.D

Acq: 24 Aug 2019 1:08

Instrument :

MSVOA_N

ClientSampled :

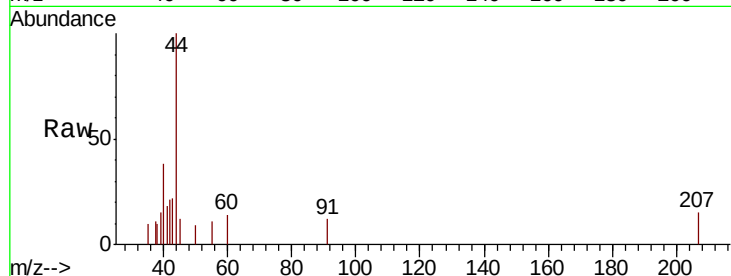
T6-S3(0)

Tgt Ion: 91 Resp: 68

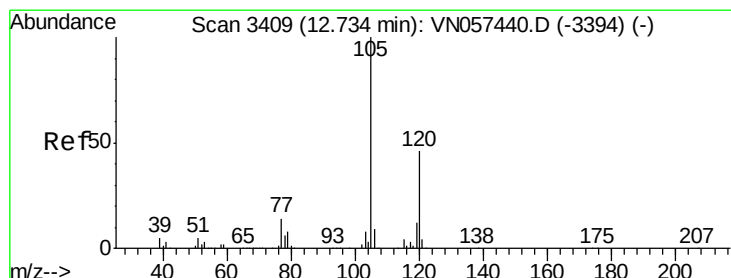
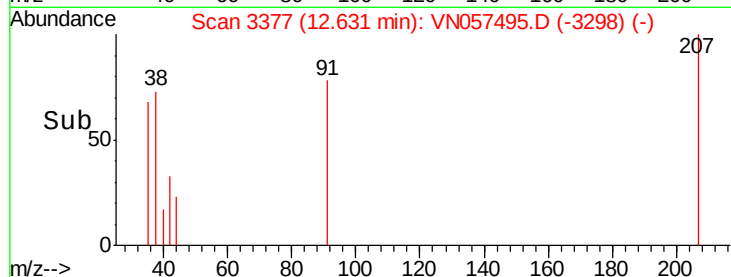
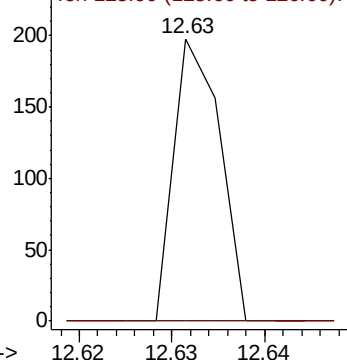
Ion Ratio Lower Upper

91 100

126 0.0 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: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN057495.D

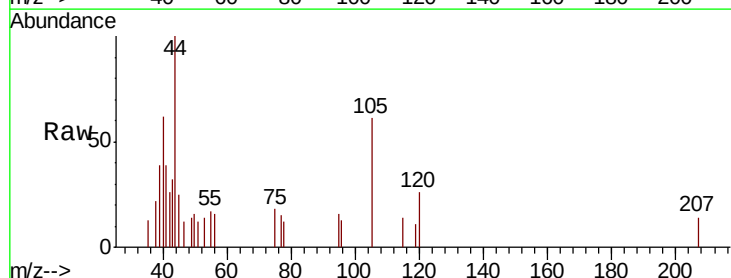
Acq: 24 Aug 2019 1:08

Tgt Ion: 105 Resp: 1139

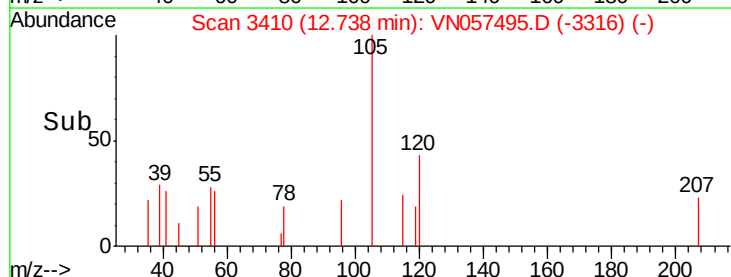
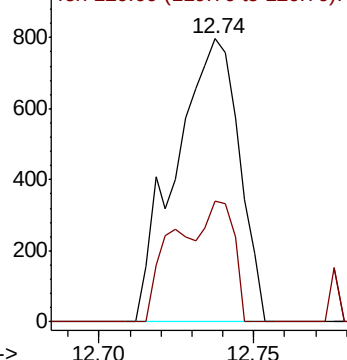
Ion Ratio Lower Upper

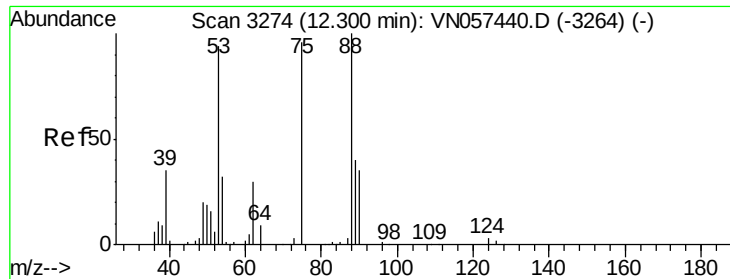
105 100

120 19.9 23.3 69.8#



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





#81

trans-1,4-Dichloro-2-butene

Concen: 106.249 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057495.D

Acq: 24 Aug 2019 1:08

Instrument :

MSVOA_N

ClientSampled :

T6-S3(0)

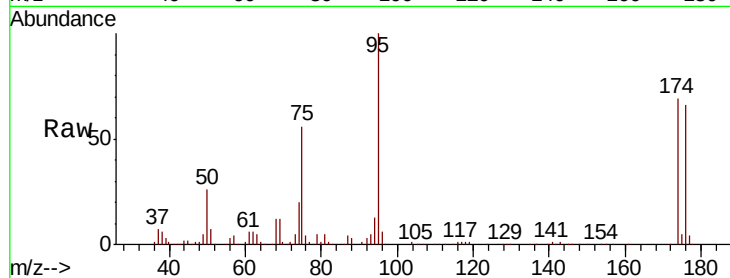
Tgt Ion: 75 Resp: 143663

Ion Ratio Lower Upper

75 100

53 0.0 82.7 124.1#

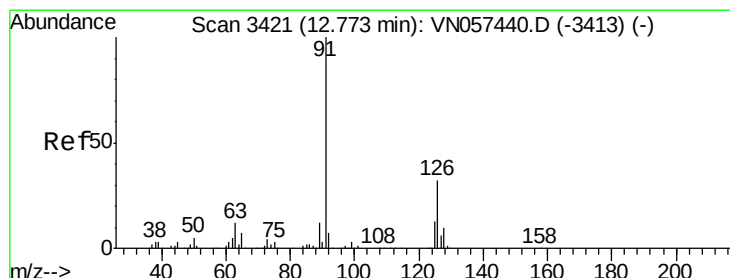
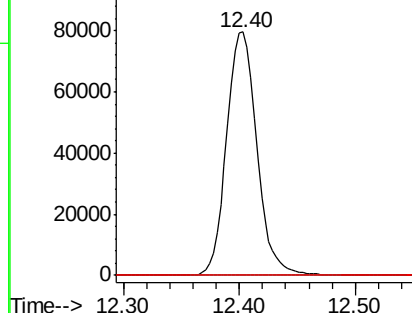
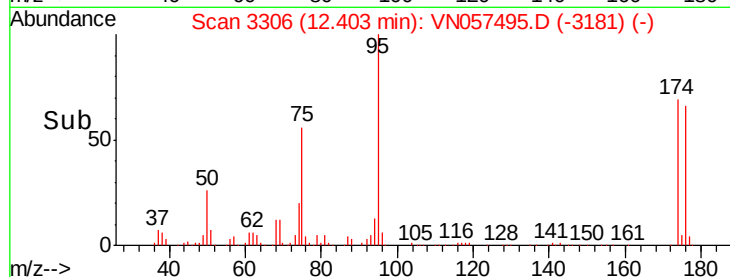
89 0.1 35.8 53.8#



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: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN057495.D

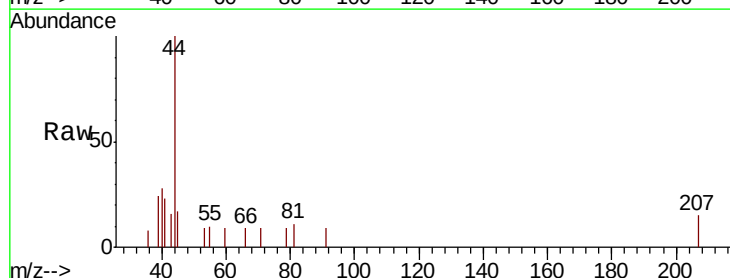
Acq: 24 Aug 2019 1:08

Tgt Ion: 91 Resp: 61

Ion Ratio Lower Upper

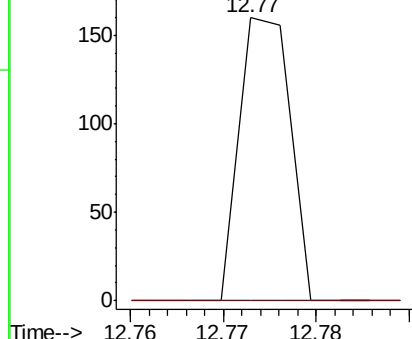
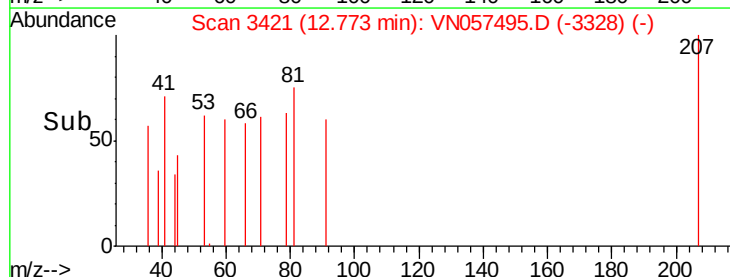
91 100

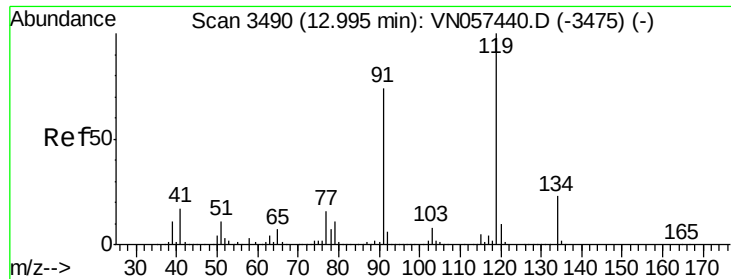
126 0.0 15.0 45.0#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

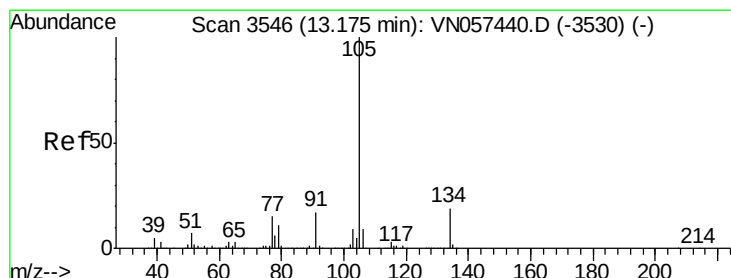
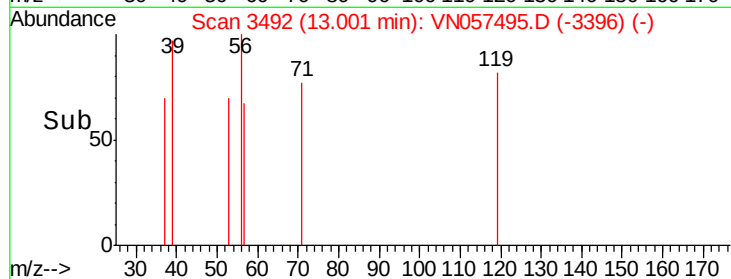
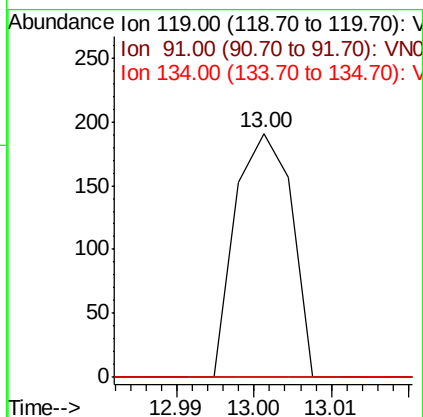
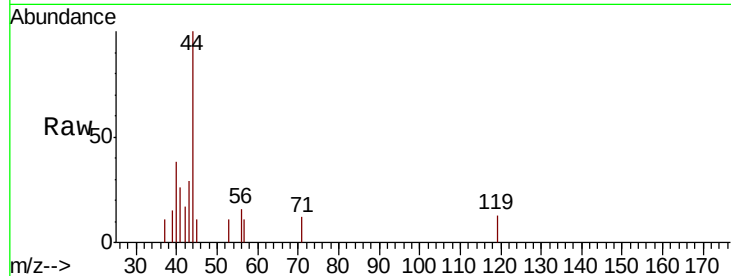




#83
tert-Butylbenzene
Concen: Below Cal
RT: 13.00 min Scan# 3492
Delta R.T. 0.01 min
Lab File: VN057495.D
Acq: 24 Aug 2019 1:08

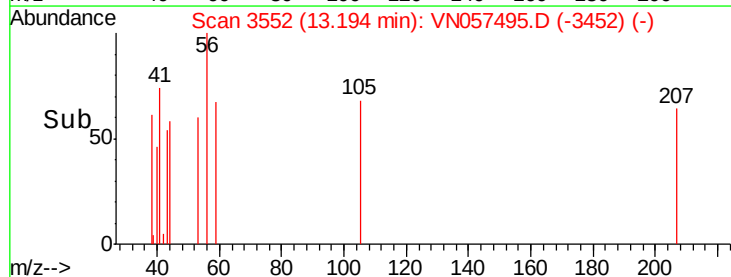
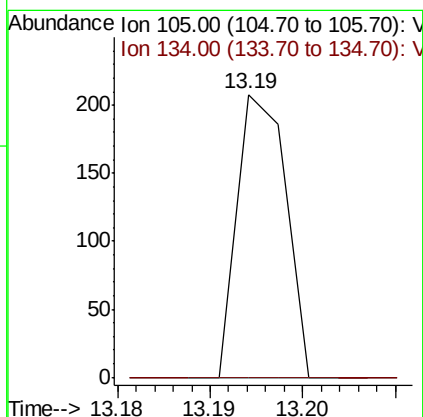
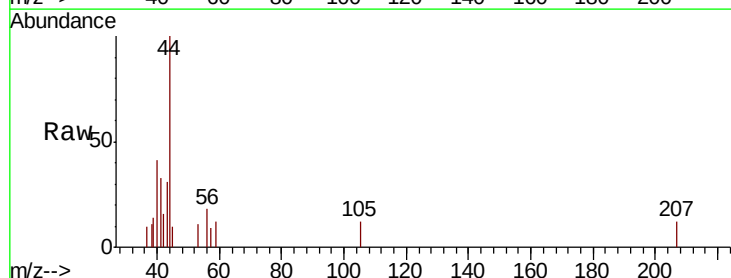
Instrument :
MSVOA_N
ClientSampleId :
T6-S3(0)

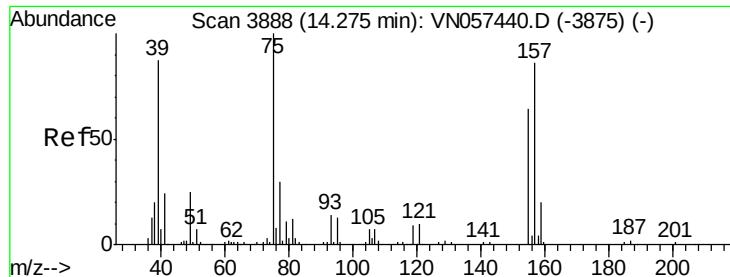
Tgt Ion:119 Resp: 97
Ion Ratio Lower Upper
119 100
91 0.0 37.0 111.0#
134 0.0 12.2 36.6#



#85
sec-Butylbenzene
Concen: Below Cal
RT: 13.19 min Scan# 3552
Delta R.T. 0.02 min
Lab File: VN057495.D
Acq: 24 Aug 2019 1:08

Tgt Ion:105 Resp: 76
Ion Ratio Lower Upper
105 100
134 0.0 9.3 27.9#

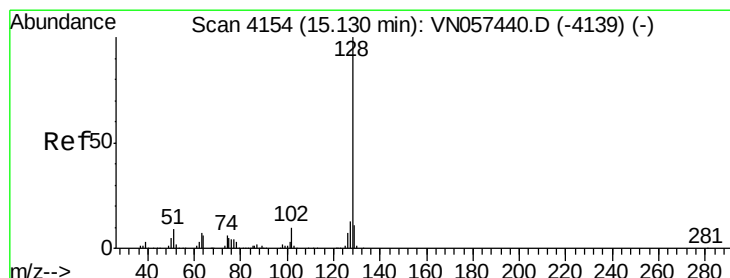
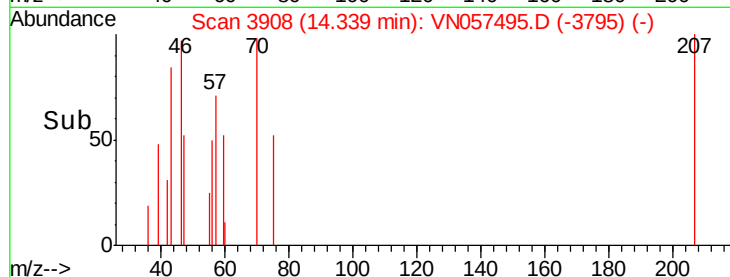
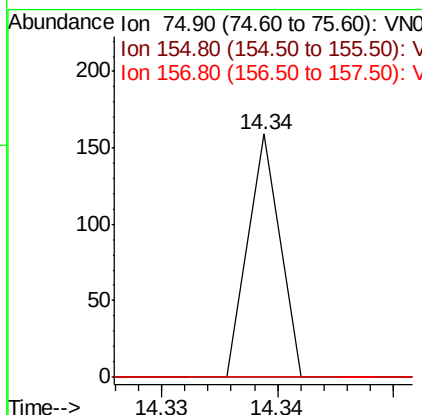
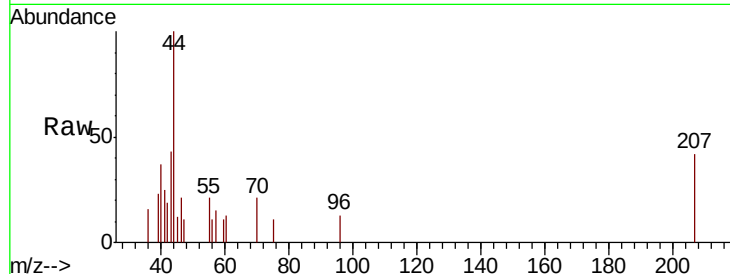




#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.34 min Scan# 3908
 Delta R.T. 0.06 min
 Lab File: VN057495.D
 Acq: 24 Aug 2019 1:08

Instrument :
 MSVOA_N
 ClientSampleId :
 T6-S3(0)

Tgt Ion: 75 Resp: 31
 Ion Ratio Lower Upper
 75 100
 155 0.0 31.6 94.7#
 157 0.0 43.3 129.8#



#95
 Naphthalene
 Concen: 4.378 ug/l
 RT: 15.14 min Scan# 4157
 Delta R.T. 0.01 min
 Lab File: VN057495.D
 Acq: 24 Aug 2019 1:08

Tgt Ion: 128 Resp: 259
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.5 15.7#
 129 0.0 8.6 13.0#

