

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082219\
 Data File : VN057450.D
 Acq On : 22 Aug 2019 22:58
 Operator : JC/SP
 Sample : K4403-33
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-I(0)

Quant Time: Aug 23 05:15:38 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	423179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	736640	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	615846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	149832	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	346635	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
35) Dibromofluoromethane	7.58	113	238296	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
50) Toluene-d8	10.08	98	936636	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.40	95	254819	39.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.94%	

Target Compounds

					Qvalue	
3) Chloromethane	2.05	50	1438	0.202 ug/l #	58	
8) Diethyl Ether	3.35	74	479	Below Cal	91	
9) 1,1,2-Trichlorotrifluoroet	3.73	101	369	Below Cal #	37	
11) Tert butyl alcohol	4.73	59	10162	10.987 ug/l #	77	
13) Acrolein	3.59	56	669	0.823 ug/l #	1	
16) Acetone	3.80	43	9357	2.737 ug/l	92	
18) Methyl Acetate	4.31	43	11163	0.570 ug/l #	79	
20) Methylene Chloride	4.53	84	10963	2.091 ug/l #	79	
29) Tetrahydrofuran	7.19	42	499	0.204 ug/l #	59	
31) Cyclohexane	7.64	56	14029	1.342 ug/l #	42	
36) 1,1-Dichloropropene	7.65	75	43361	5.761 ug/l #	49	
38) Carbon Tetrachloride	7.65	117	45226	6.048 ug/l #	17	
43) Isopropyl Acetate	8.16	43	114218	8.375 ug/l	99	
46) Dibromomethane	9.08	93	66	Below Cal #	10	
48) Methyl methacrylate	9.26	41	164739	25.403 ug/l #	48	
49) 1,4-Dioxane	9.40	88	34	0.405 ug/l #	1	
51) 4-Methyl-2-Pentanone	9.98	43	8098	1.065 ug/l	98	
54) cis-1,3-Dichloropropene	9.90	75	42451	4.336 ug/l #	58	
57) 1,3-Dichloropropane	10.76	76	6363	0.694 ug/l #	43	
58) 2-Chloroethyl Vinyl ether	9.56	63	130	17.117 ug/l #	52	
59) 2-Hexanone	10.76	43	105729	20.281 ug/l #	54	
73) Isopropylbenzene	12.25	105	363	Below Cal	98	
74) N-amyl acetate	12.03	43	2218	Below Cal #	54	
75) 1,1,2,2-Tetrachloroethane	12.53	83	104	Below Cal #	25	
76) 1,2,3-Trichloropropane	12.40	75	143221	42.635 ug/l #	100	
78) n-propylbenzene	12.59	91	1096	Below Cal	100	
79) 2-Chlorotoluene	12.68	91	563	Below Cal #	54	
80) 1,3,5-Trimethylbenzene	12.73	105	1092	Below Cal	92	
81) trans-1,4-Dichloro-2-buten	12.40	75	143221	109.631 ug/l #	9	
82) 4-Chlorotoluene	12.78	91	972	Below Cal #	57	
83) tert-Butylbenzene	12.99	119	486	Below Cal #	72	
85) sec-Butylbenzene	13.17	105	1058	Below Cal #	58	
89) n-Butylbenzene	13.63	91	2044	0.206 ug/l #	39	
90) Hexachloroethane	13.60	117	68	Below Cal #	17	

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ClientSampleId :
T1-I-(0)

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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

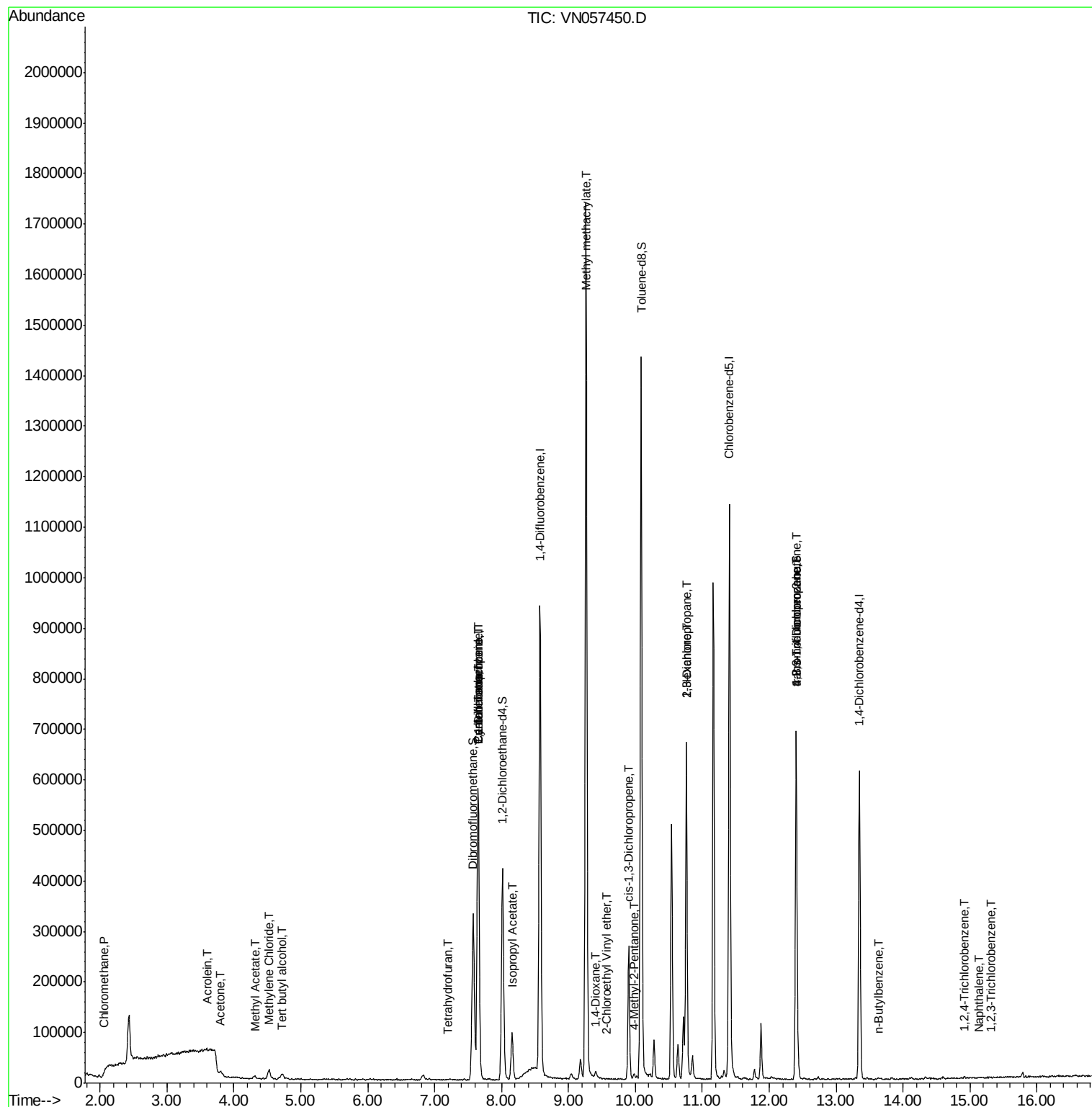
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.12	75	109	Below Cal	#	11
93) 1,2,4-Trichlorobenzene	14.91	180	792	5.750	ug/l	72
94) Hexachlorobutadiene	15.03	225	31	Below Cal	#	18
95) Naphthalene	15.13	128	1652	4.592	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.30	180	559	5.384	ug/l #	68

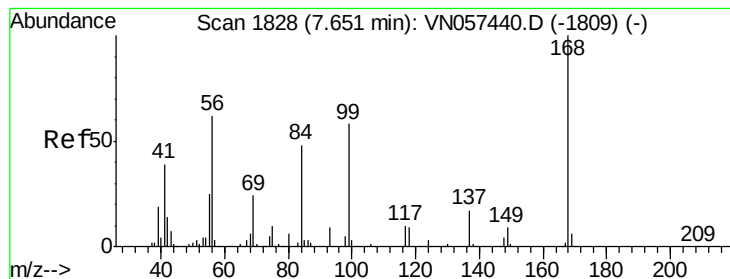
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN082219\
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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: VN057450.D

Acq: 22 Aug 2019 22:58

Instrument :

MSVOA_N

ClientSampled :

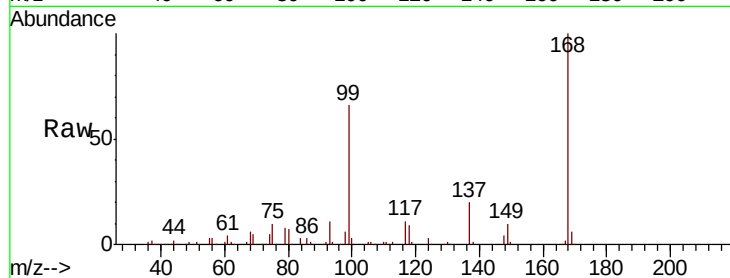
T1-I(0)

Tgt Ion:168 Resp: 423179

Ion Ratio Lower Upper

168 100

99 65.9 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

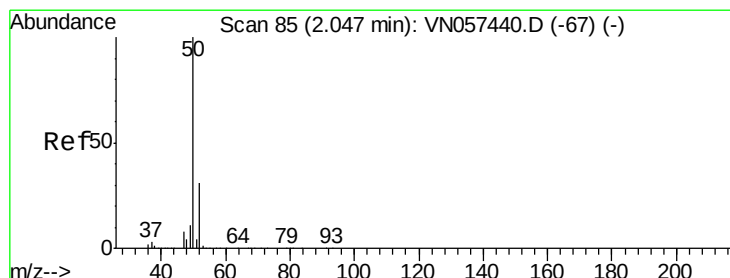
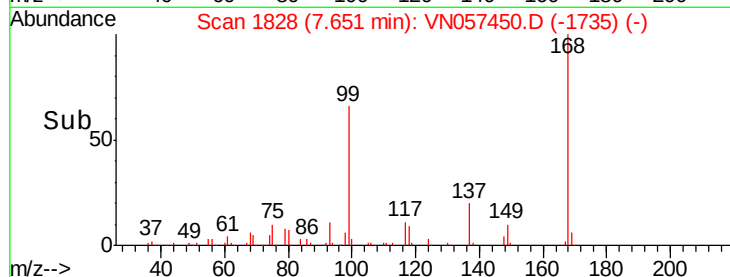
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.202 ug/l

RT: 2.05 min Scan# 86

Delta R.T. 0.00 min

Lab File: VN057450.D

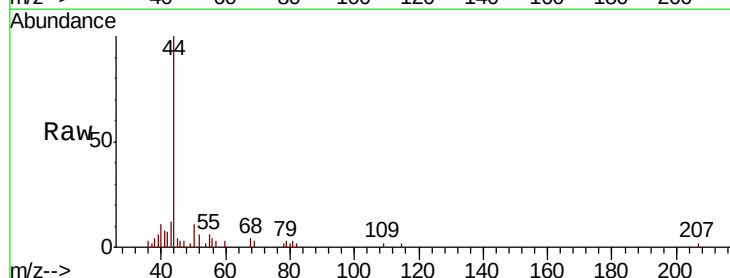
Acq: 22 Aug 2019 22:58

Tgt Ion: 50 Resp: 1438

Ion Ratio Lower Upper

50 100

52 54.6 25.1 37.7#



Abundance Ion 49.90 (49.60 to 50.60): VN057440.D (-67) (-)

Ion 51.90 (51.60 to 52.60): VN057440.D (-67) (-)

2.05

1000

800

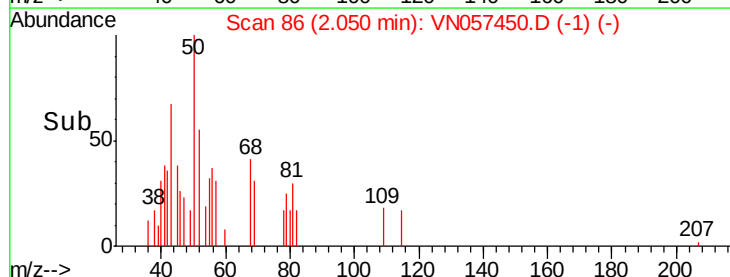
600

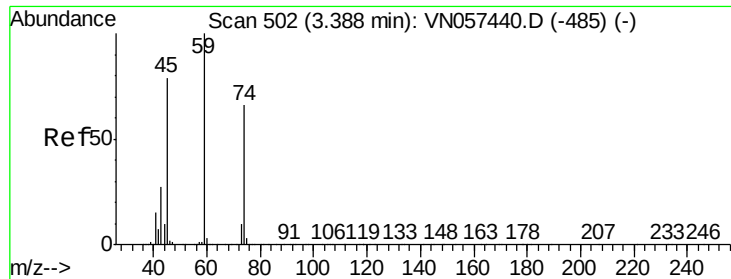
400

200

0

Time-->





#8

Diethyl Ether

Concen: Below Cal

RT: 3.35 min Scan# 490

Delta R.T. -0.04 min

Lab File: VN057450.D

Acq: 22 Aug 2019 22:58

Instrument :

MSVOA_N

ClientSampleId :

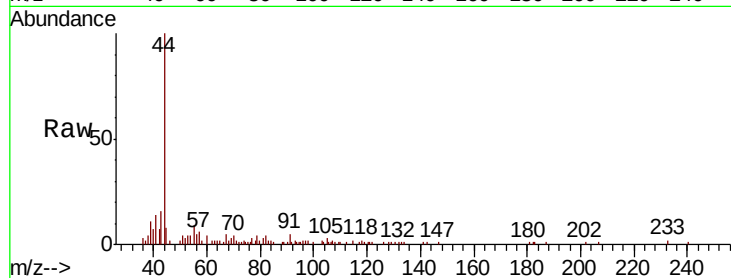
T1-I-(0)

Tgt Ion: 74 Resp: 479

Ion Ratio Lower Upper

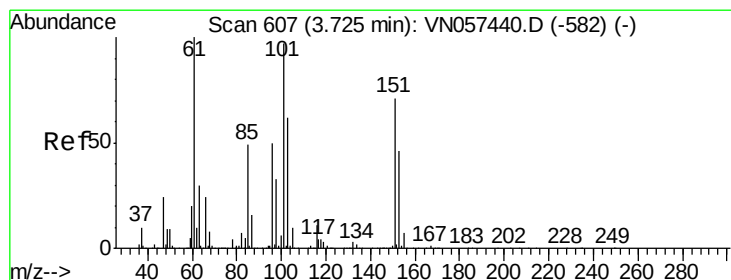
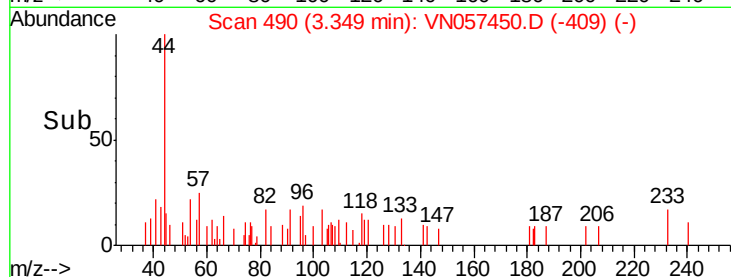
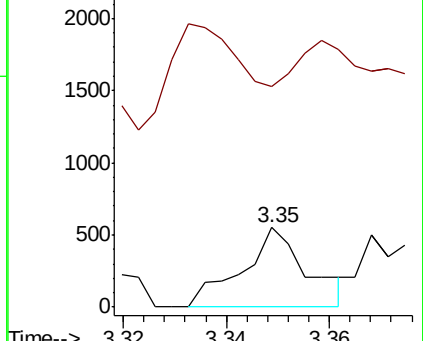
74 100

45 105.4 57.9 173.6



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.73 min Scan# 608

Delta R.T. 0.00 min

Lab File: VN057450.D

Acq: 22 Aug 2019 22:58

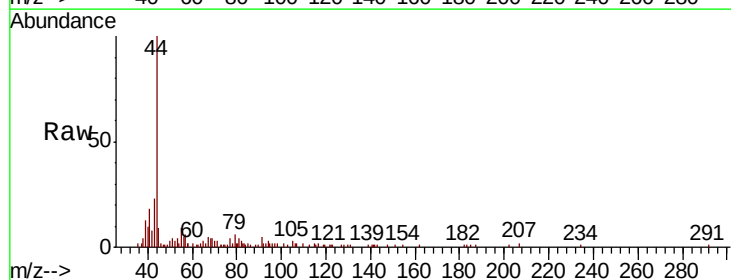
Tgt Ion: 101 Resp: 369

Ion Ratio Lower Upper

101 100

85 113.3 40.0 60.0#

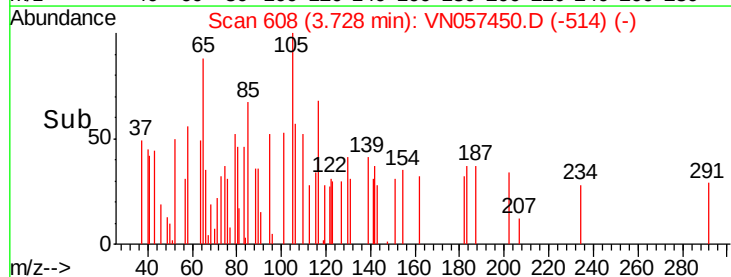
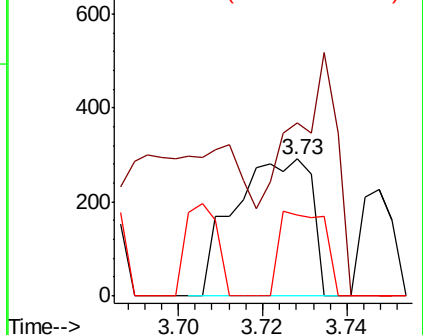
151 36.0 57.0 85.6#

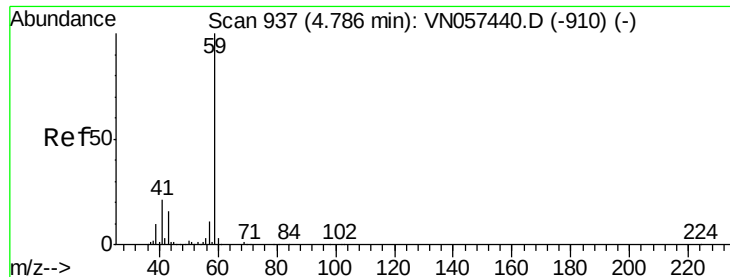


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V

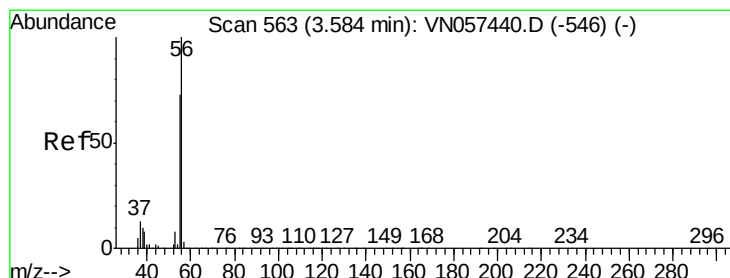
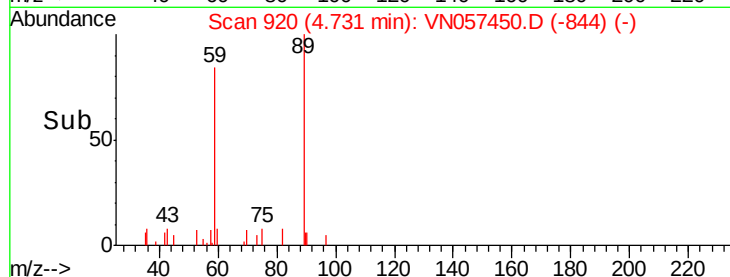
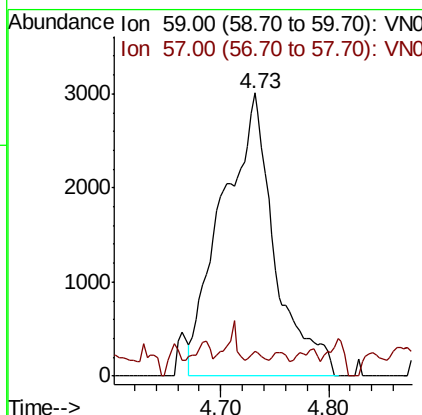
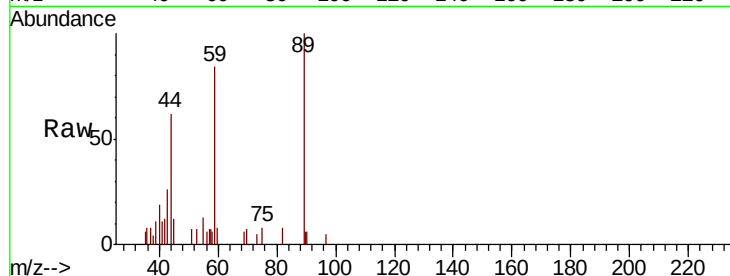




#11
Tert butyl alcohol
Concen: 10.987 ug/l
RT: 4.73 min Scan# 920
Delta R.T. -0.05 min
Lab File: VN057450.D
Acq: 22 Aug 2019 22:58

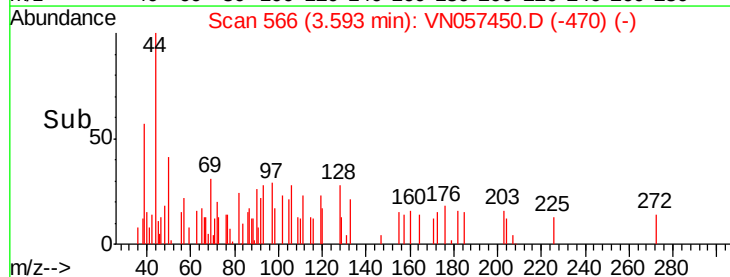
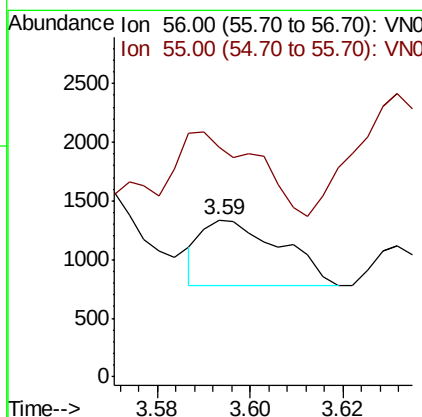
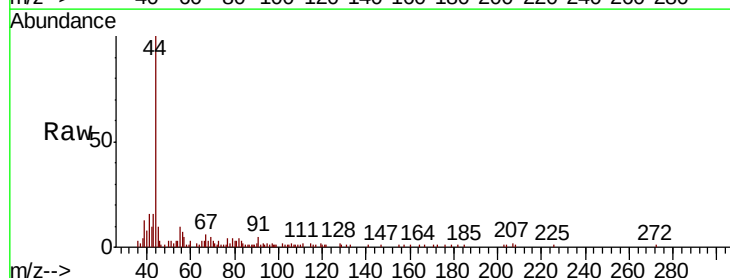
Instrument :
MSVOA_N
ClientSampled :
T1-I(0)

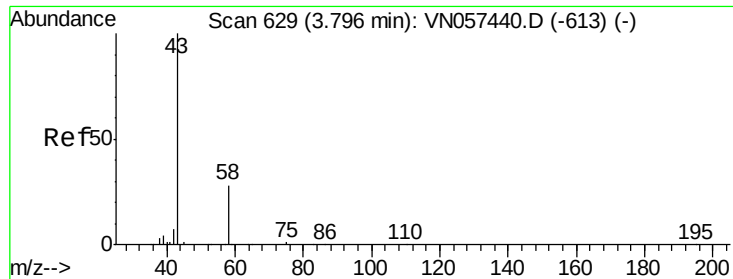
Tgt Ion: 59 Resp: 10162
Ion Ratio Lower Upper
59 100
57 2.5 9.1 13.7#



#13
Acrolein
Concen: 0.823 ug/l
RT: 3.59 min Scan# 566
Delta R.T. 0.01 min
Lab File: VN057450.D
Acq: 22 Aug 2019 22:58

Tgt Ion: 56 Resp: 669
Ion Ratio Lower Upper
56 100
55 176.8 59.0 88.4#





#16

Acetone

Concen: 2.737 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN057450.D

Acq: 22 Aug 2019 22:58

Instrument :

MSVOA_N

ClientSampled :

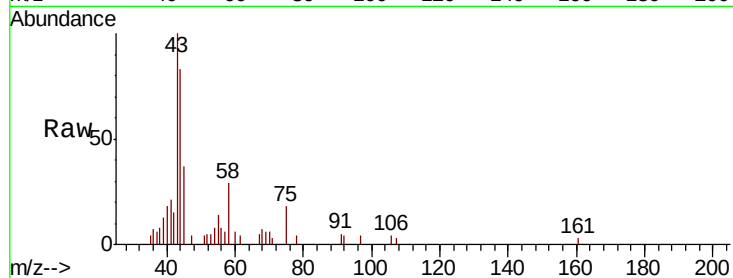
T1-I(0)

Tgt Ion: 43 Resp: 9357

Ion Ratio Lower Upper

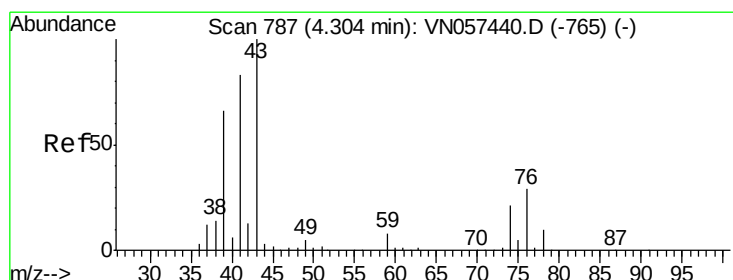
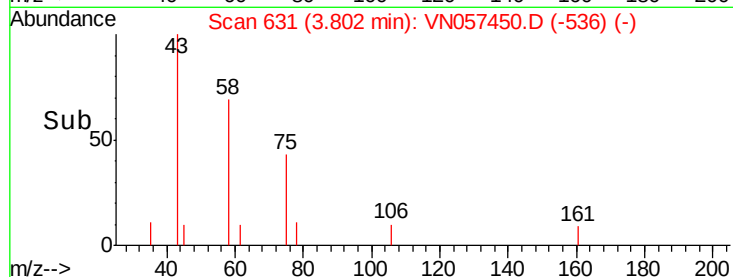
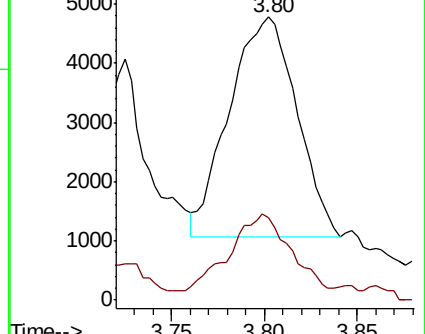
43 100

58 31.7 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: 0.570 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.01 min

Lab File: VN057450.D

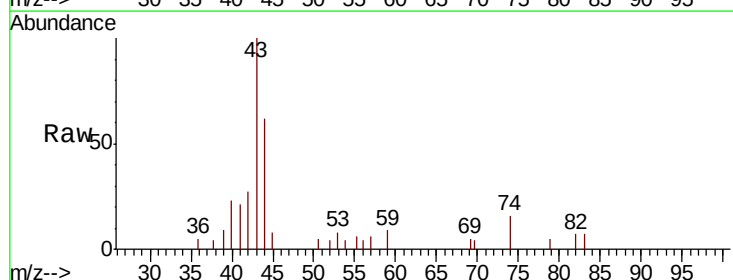
Acq: 22 Aug 2019 22:58

Tgt Ion: 43 Resp: 11163

Ion Ratio Lower Upper

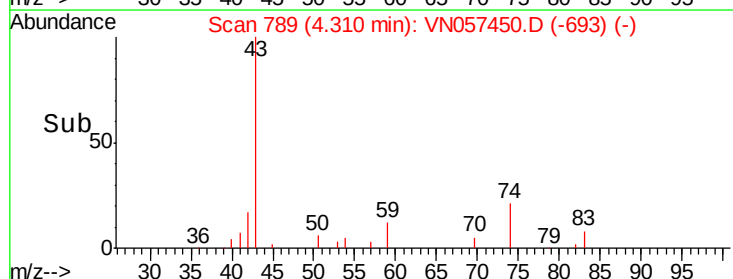
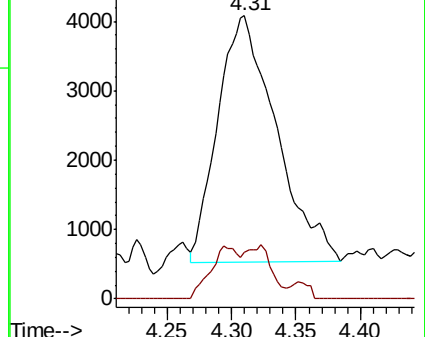
43 100

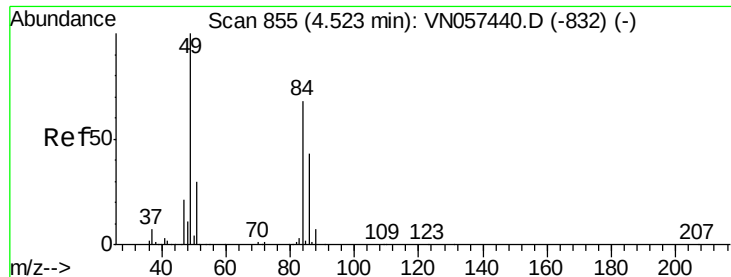
74 10.4 15.9 23.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#20

Methylene Chloride

Concen: 2.091 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.01 min

Lab File: VN057450.D

Acq: 22 Aug 2019 22:58

Instrument :

MSVOA_N

ClientSampled :

T1-I(0)

Tgt Ion: 84 Resp: 10963

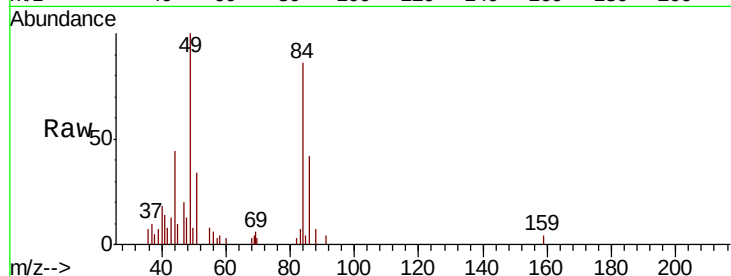
Ion Ratio Lower Upper

84 100

49 112.6 117.0 175.4#

51 37.7 35.5 53.3

86 50.4 49.8 74.8

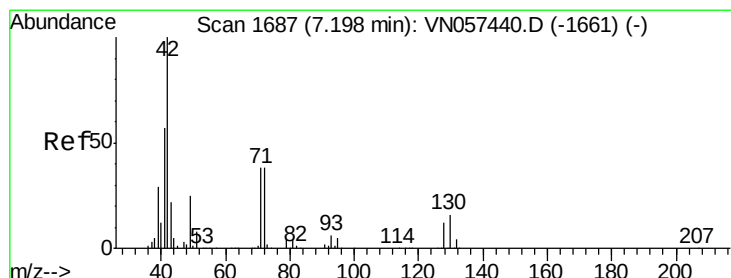
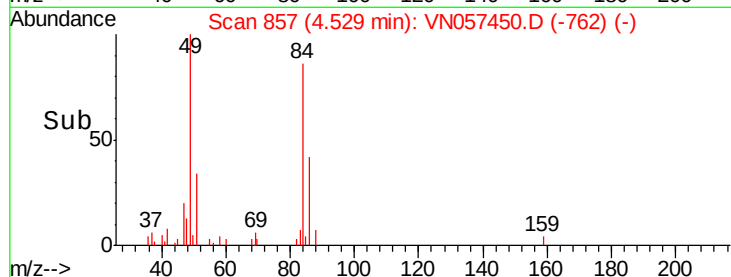
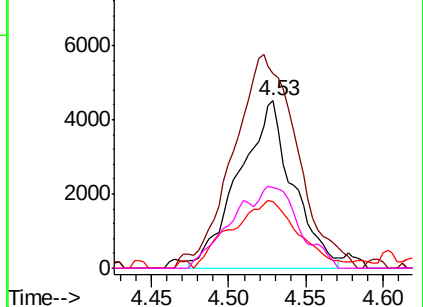


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#29

Tetrahydrofuran

Concen: 0.204 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN057450.D

Acq: 22 Aug 2019 22:58

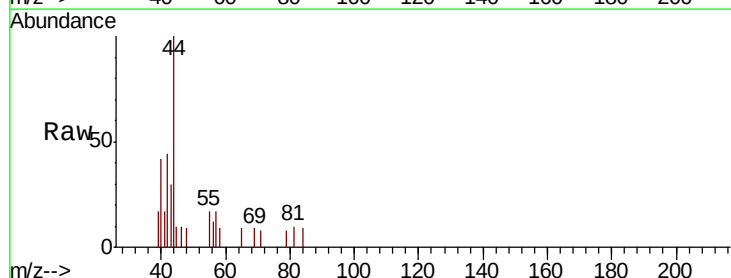
Tgt Ion: 42 Resp: 499

Ion Ratio Lower Upper

42 100

72 13.0 30.1 45.1#

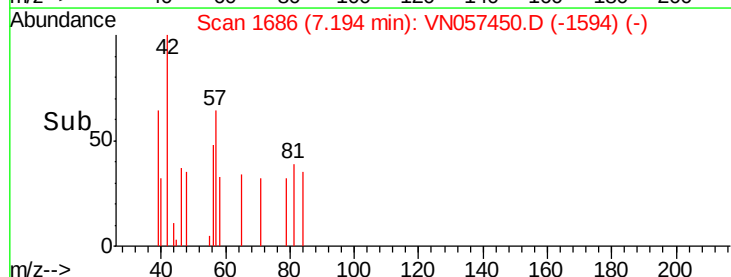
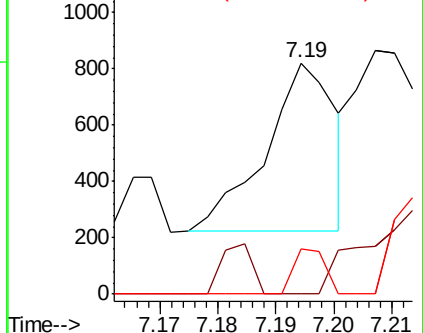
71 12.0 28.8 43.2#

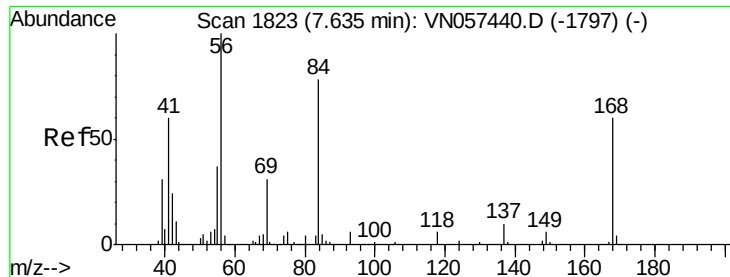


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

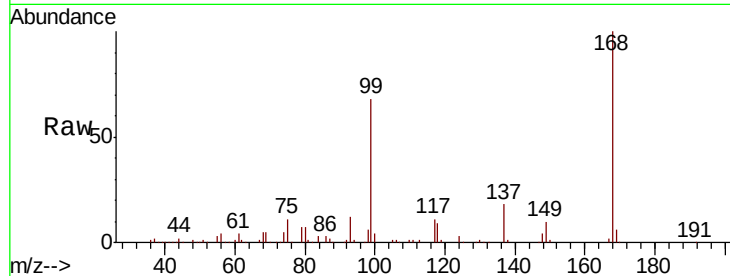




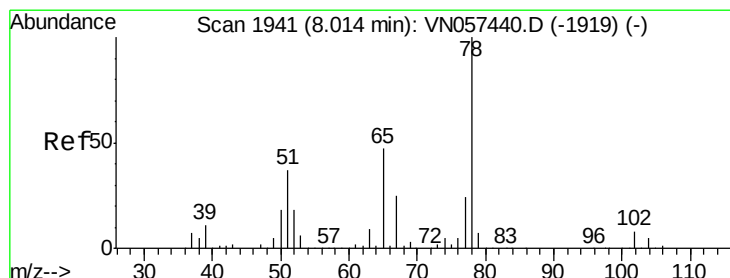
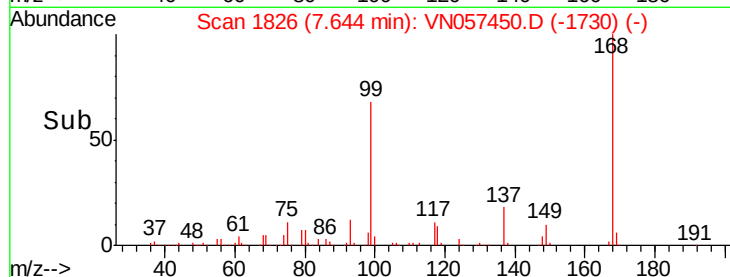
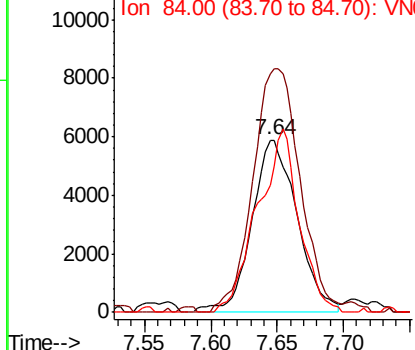
#31
Cyclohexane
Concen: 1.342 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN057450.D
Acq: 22 Aug 2019 22:58

Instrument :
MSVOA_N
ClientSampled :
T1-I-(0)

Tgt Ion: 56 Resp: 14029
Ion Ratio Lower Upper
56 100
69 135.1 25.0 37.6#
84 73.4 62.5 93.7

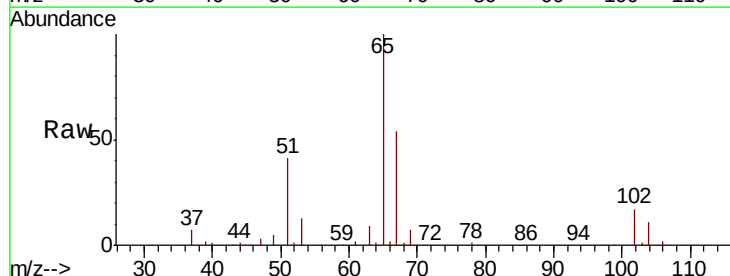


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

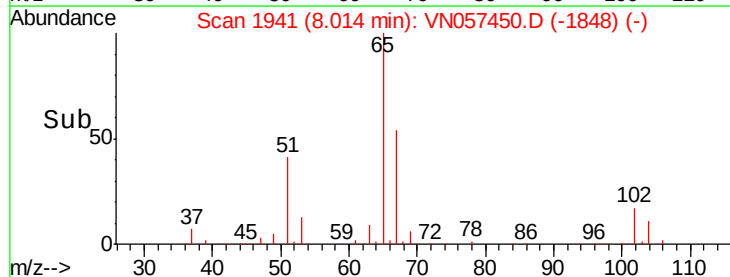
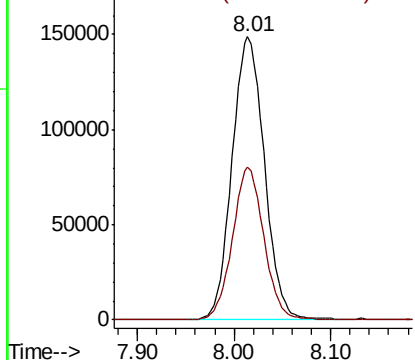


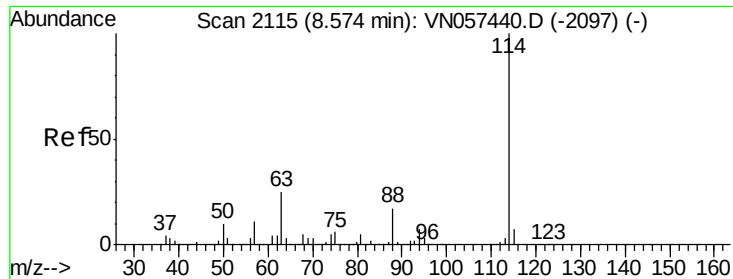
#33
1,2-Dichloroethane-d4
Concen: 46.564 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VN057450.D
Acq: 22 Aug 2019 22:58

Tgt Ion: 65 Resp: 346635
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.8



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

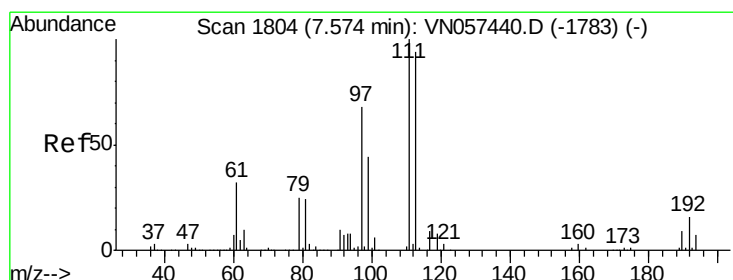
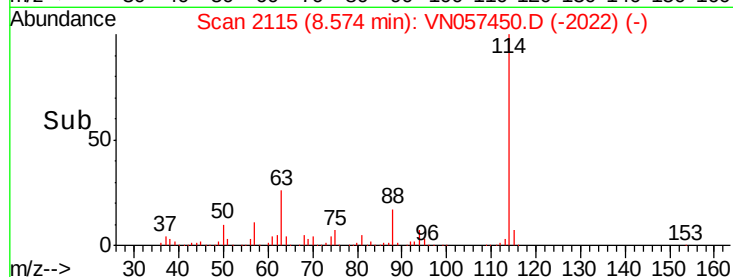
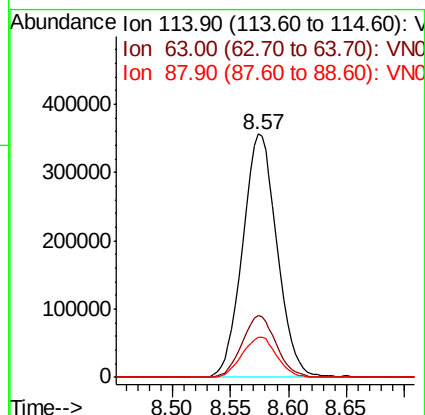
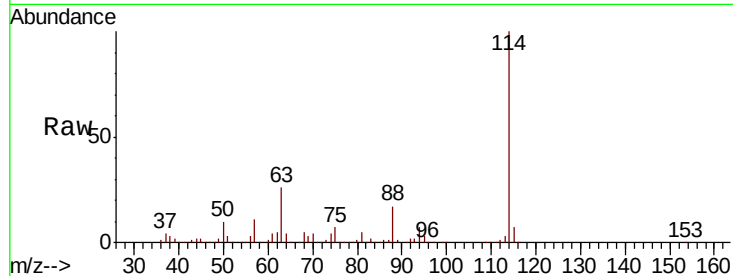




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057450.D
 Acq: 22 Aug 2019 22:58

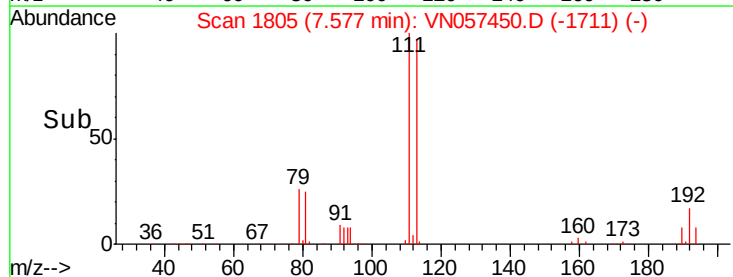
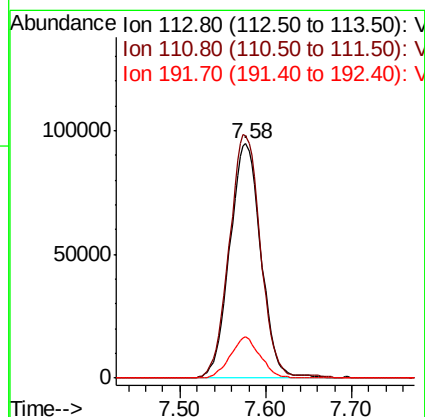
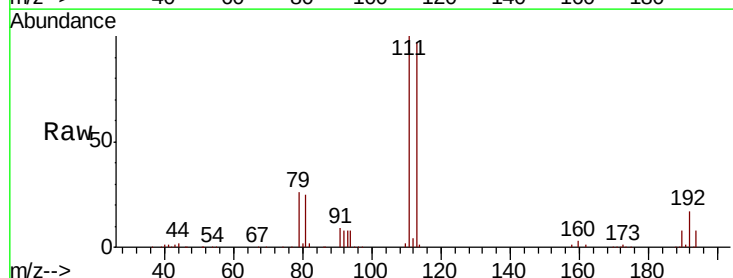
Instrument :
 MSVOA_N
 ClientSampleId :
 T1-I-(0)

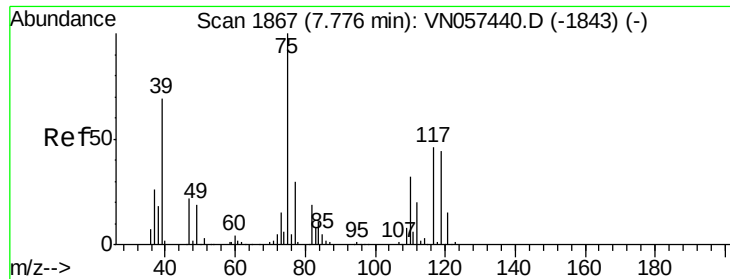
Tgt Ion:114 Resp: 736640
 Ion Ratio Lower Upper
 114 100
 63 25.7 0.0 50.2
 88 16.5 0.0 34.6



#35
 Dibromofluoromethane
 Concen: 47.892 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057450.D
 Acq: 22 Aug 2019 22:58

Tgt Ion:113 Resp: 238296
 Ion Ratio Lower Upper
 113 100
 111 103.5 83.8 125.6
 192 16.8 13.5 20.3

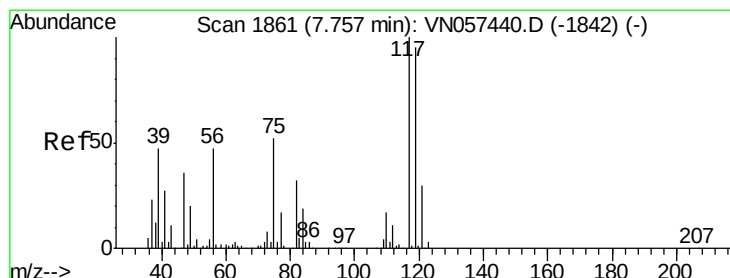
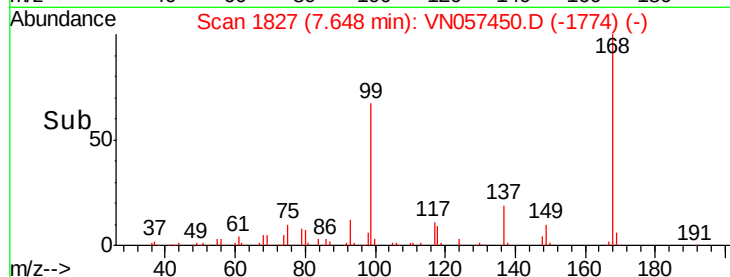
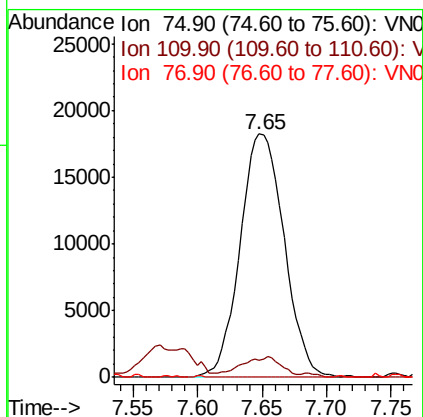
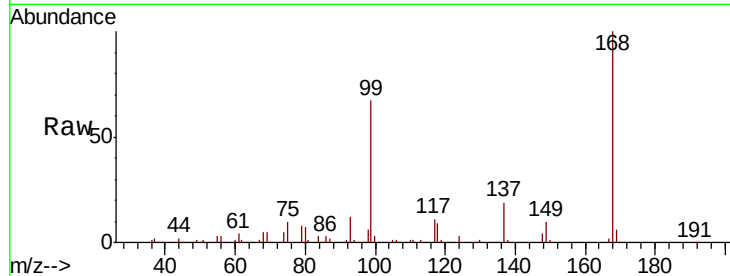




#36
 1,1-Dichloropropene
 Concen: 5.761 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN057450.D
 Acq: 22 Aug 2019 22:58

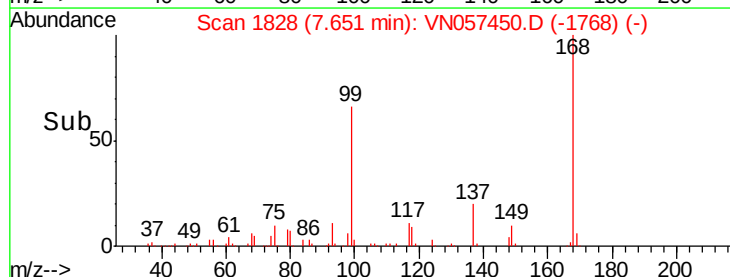
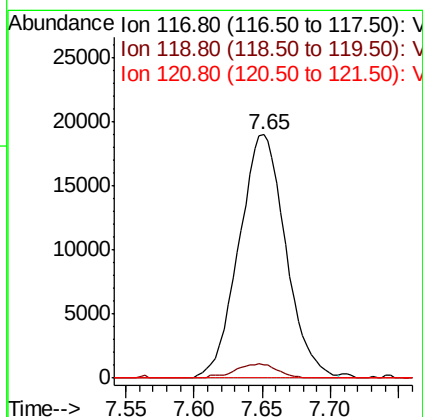
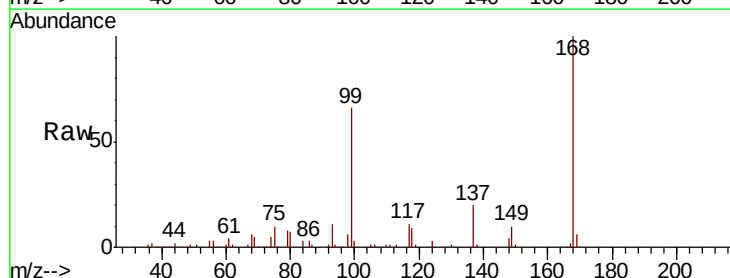
Instrument :
 MSVOA_N
 ClientSampleId :
 T1-I-(0)

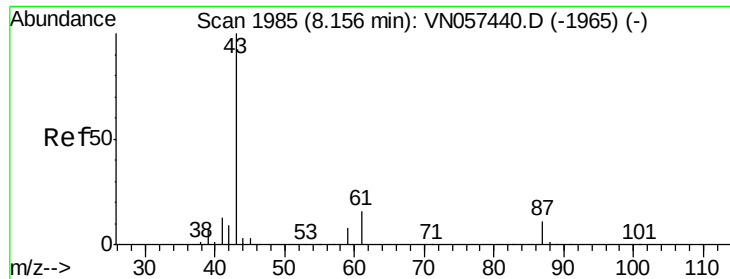
Tgt Ion: 75 Resp: 43361
 Ion Ratio Lower Upper
 75 100
 110 6.6 16.1 48.3#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.048 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.11 min
 Lab File: VN057450.D
 Acq: 22 Aug 2019 22:58

Tgt Ion: 117 Resp: 45226
 Ion Ratio Lower Upper
 117 100
 119 5.6 76.2 114.4#
 121 0.0 23.8 35.6#





#43

Isopropyl Acetate

Concen: 8.375 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN057450.D

Acq: 22 Aug 2019 22:58

Instrument :

MSVOA_N

ClientSampleId :

T1-I(0)

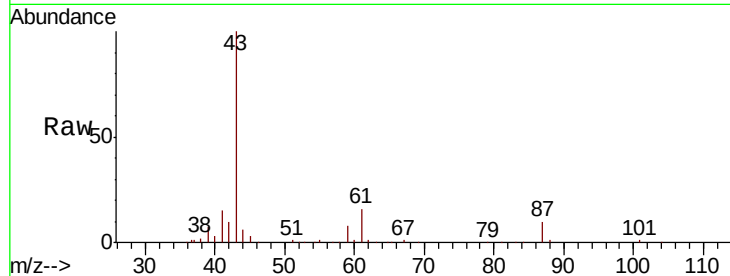
Tgt Ion: 43 Resp: 114218

Ion Ratio Lower Upper

43 100

61 17.6 14.5 21.7

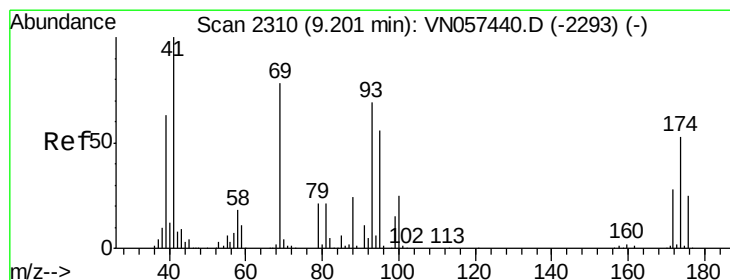
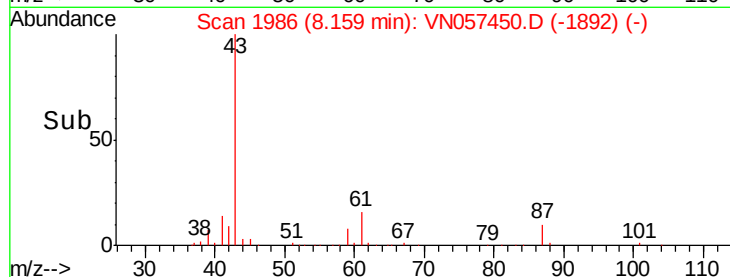
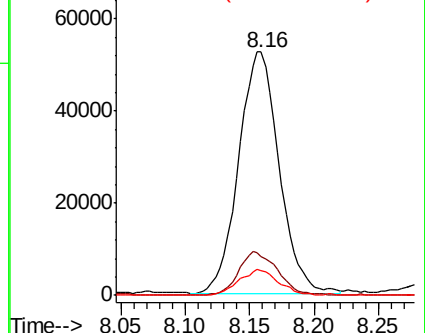
87 10.4 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#46

Dibromomethane

Concen: Below Cal

RT: 9.08 min Scan# 2272

Delta R.T. -0.12 min

Lab File: VN057450.D

Acq: 22 Aug 2019 22:58

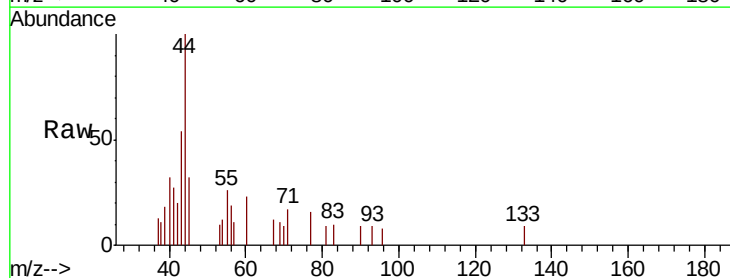
Tgt Ion: 93 Resp: 66

Ion Ratio Lower Upper

93 100

95 0.0 64.7 97.1#

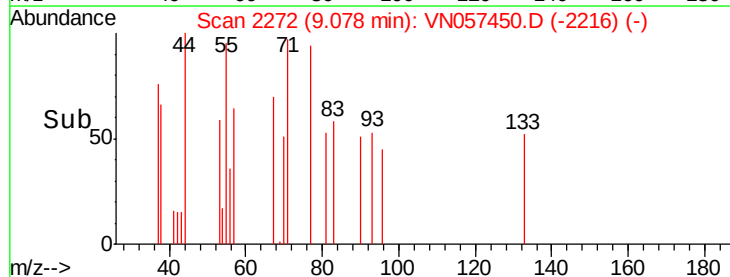
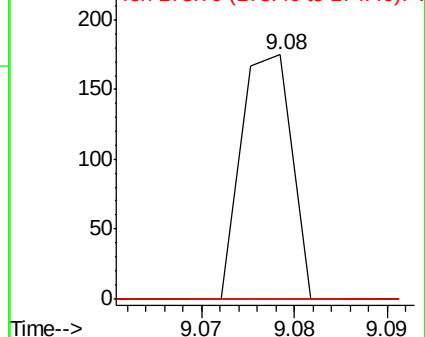
174 0.0 62.3 93.5#

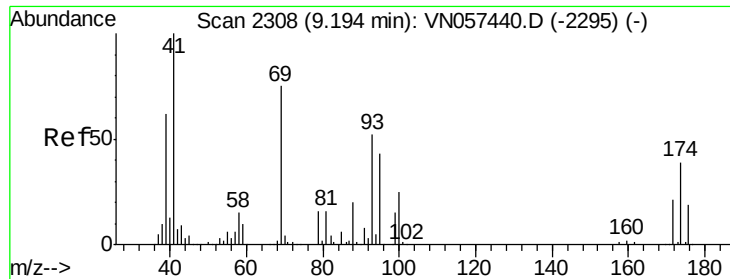


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

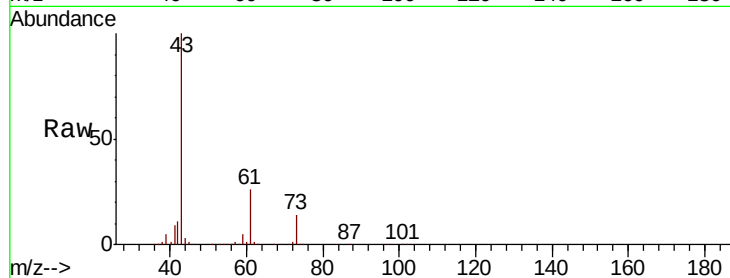




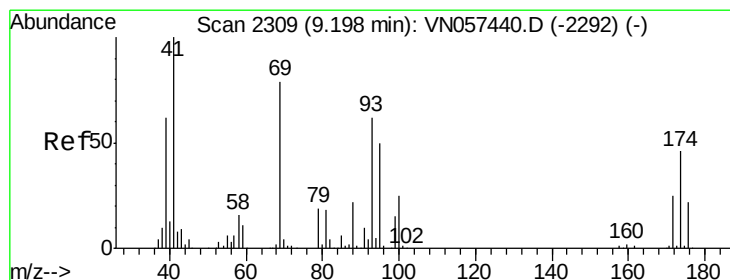
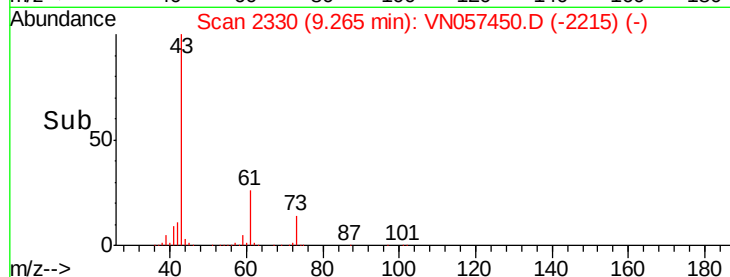
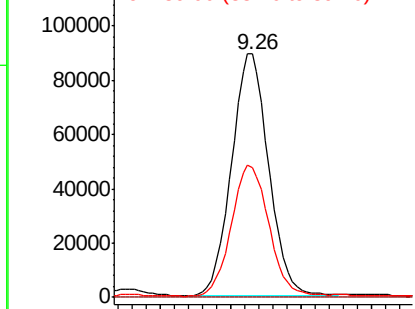
#48
Methyl methacrylate
Concen: 25.403 ug/l
RT: 9.26 min Scan# 2330
Delta R.T. 0.07 min
Lab File: VN057450.D
Acq: 22 Aug 2019 22:58

Instrument :
MSVOA_N
ClientSampleId :
T1-I(0)

Tgt Ion: 41 Resp: 164739
Ion Ratio Lower Upper
41 100
69 0.1 59.3 88.9#
39 54.6 50.6 75.8

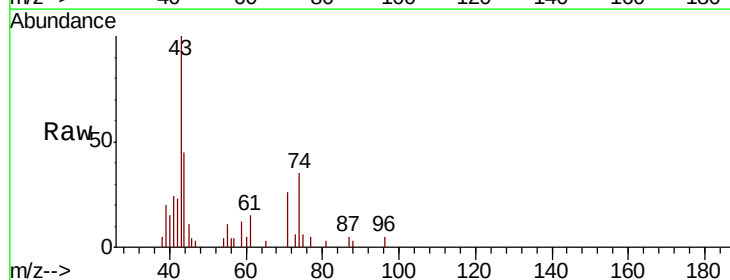


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

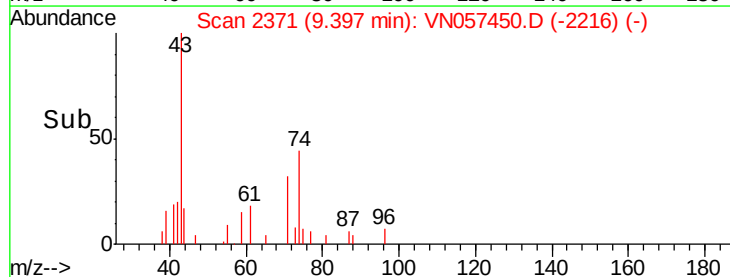
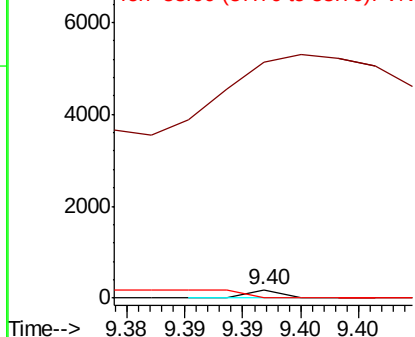


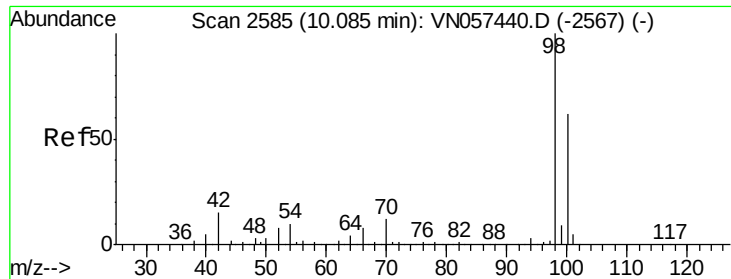
#49
1,4-Dioxane
Concen: 0.405 ug/l
RT: 9.40 min Scan# 2371
Delta R.T. 0.20 min
Lab File: VN057450.D
Acq: 22 Aug 2019 22:58

Tgt Ion: 88 Resp: 34
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.6#
58 617.6 64.5 96.7#



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





#50

Toluene-d8

Concen: 49.784 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057450.D

Acq: 22 Aug 2019 22:58

Instrument :

MSVOA_N

ClientSampled :

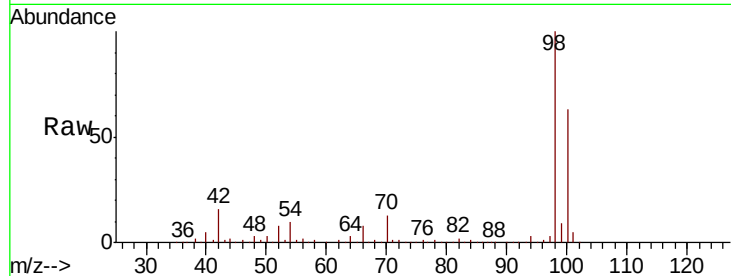
T1-I(0)

Tgt Ion: 98 Resp: 936636

Ion Ratio Lower Upper

98 100

100 64.0 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

600000

500000

400000

300000

200000

100000

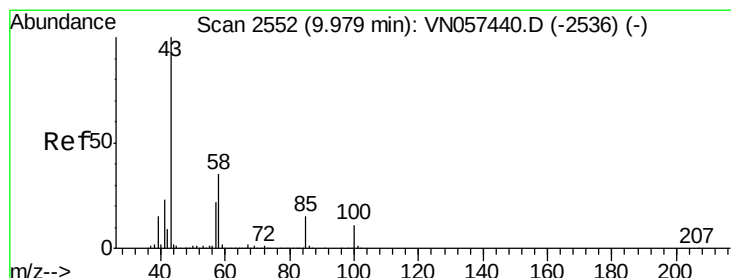
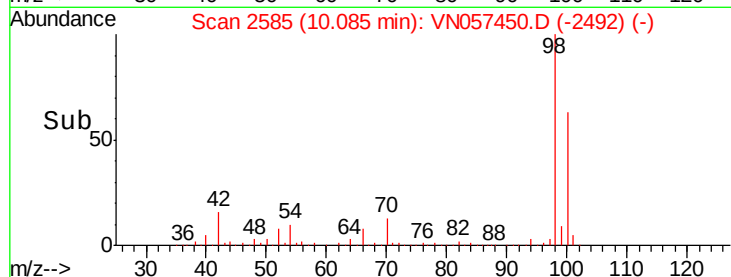
0

10.00

10.10

10.20

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.065 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN057450.D

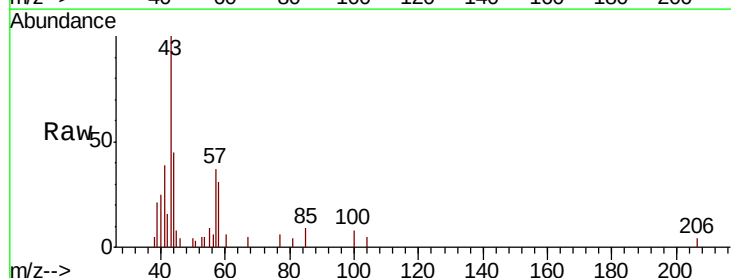
Acq: 22 Aug 2019 22:58

Tgt Ion: 43 Resp: 8098

Ion Ratio Lower Upper

43 100

58 35.8 27.9 41.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

20000

15000

10000

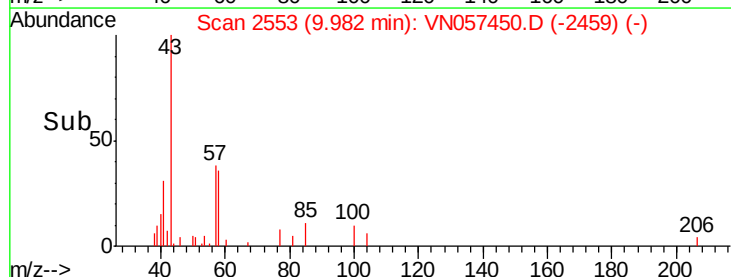
5000

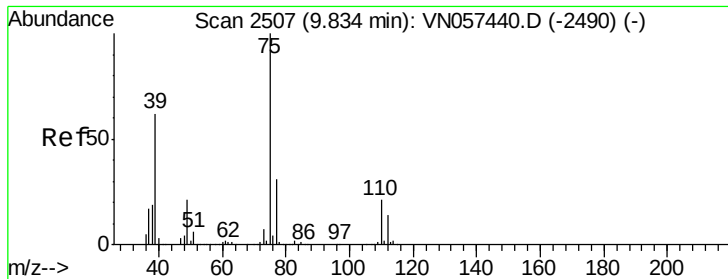
0

9.95

10.00

Time-->





#54

cis-1,3-Dichloropropene

Concen: 4.336 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.07 min

Lab File: VN057450.D

Acq: 22 Aug 2019 22:58

Instrument :

MSVOA_N

ClientSampleId :

T1-I-(0)

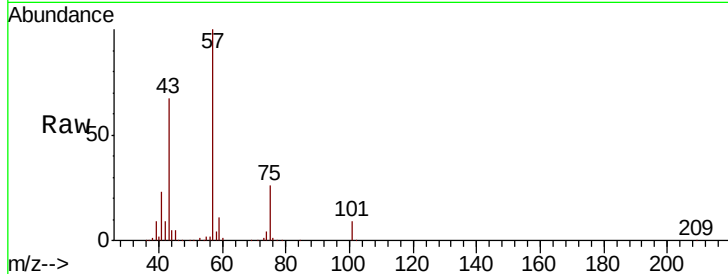
Tgt Ion: 75 Resp: 42451

Ion Ratio Lower Upper

75 100

77 1.3 25.0 37.6#

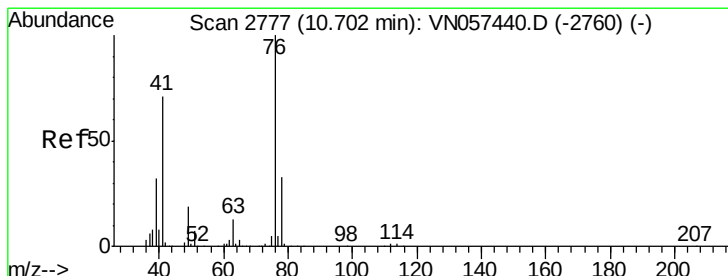
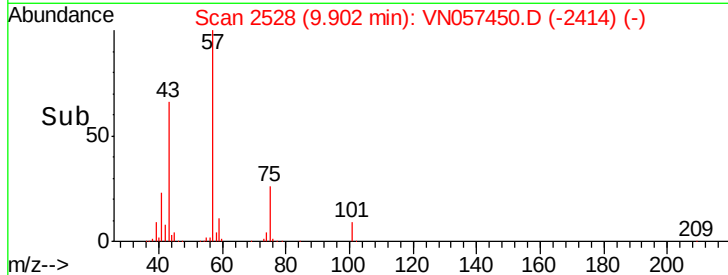
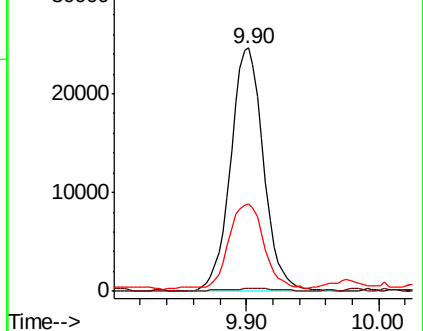
39 34.3 49.2 73.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.694 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN057450.D

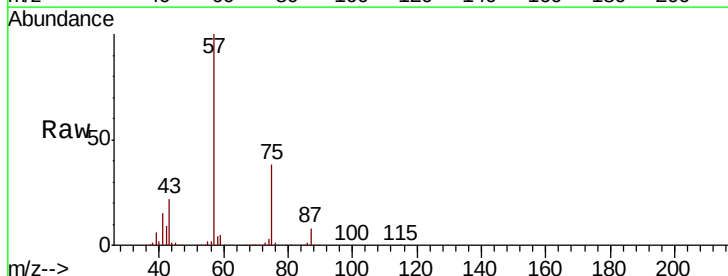
Acq: 22 Aug 2019 22:58

Tgt Ion: 76 Resp: 6363

Ion Ratio Lower Upper

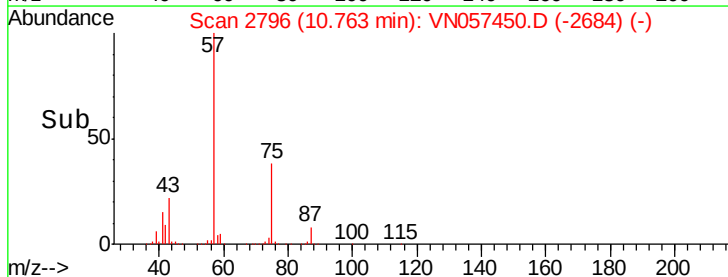
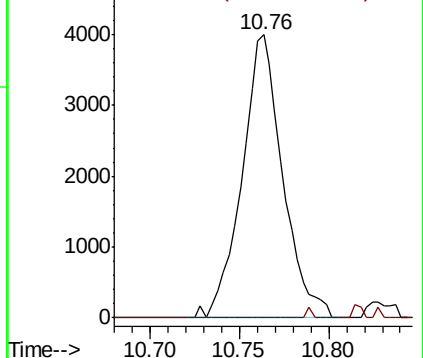
76 100

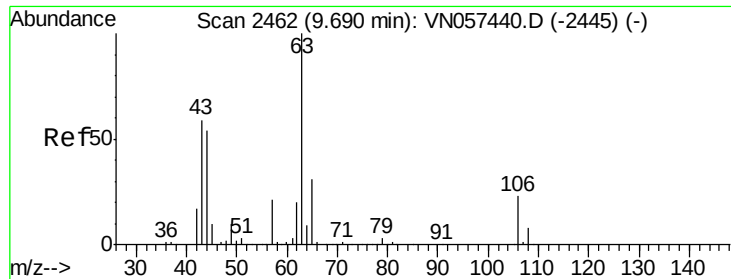
78 0.0 25.5 38.3#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

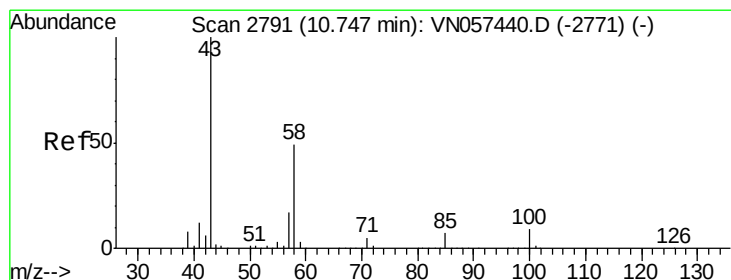
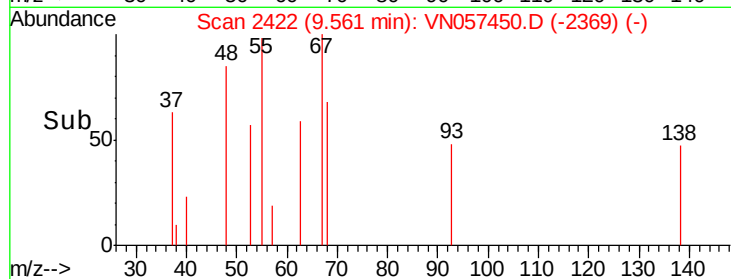
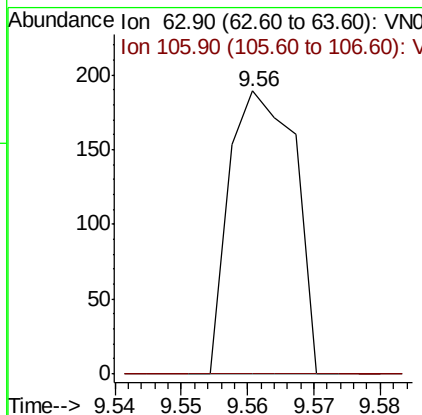
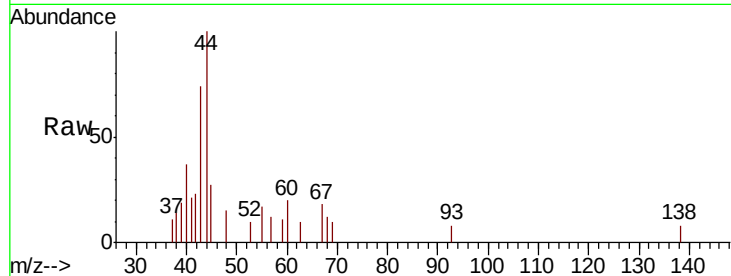




#58
 2-Chloroethyl Vinyl ether
 Concen: 17.117 ug/l
 RT: 9.56 min Scan# 2422
 Delta R.T. -0.13 min
 Lab File: VN057450.D
 Acq: 22 Aug 2019 22:58

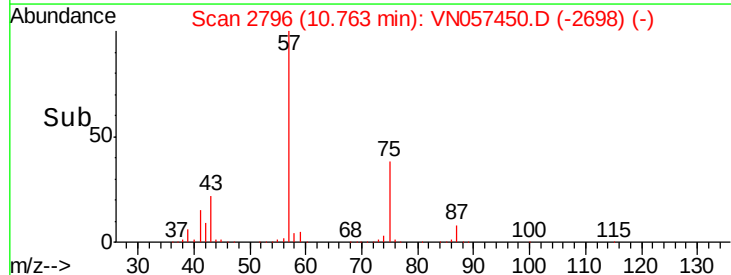
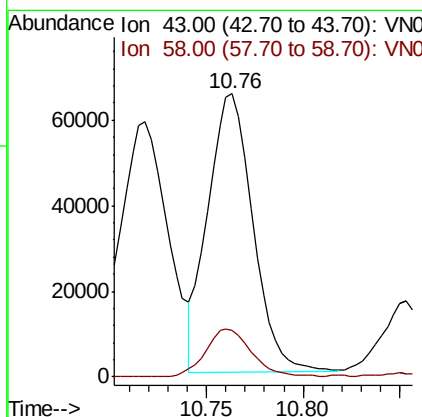
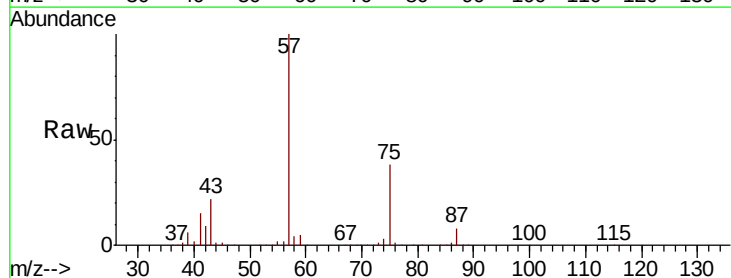
Instrument :
 MSVOA_N
 ClientSampled :
 T1-I-(0)

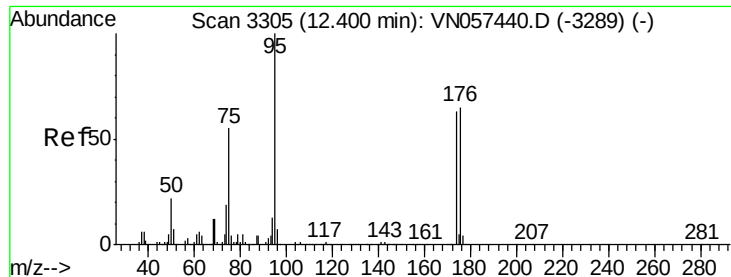
Tgt Ion: 63 Resp: 130
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.6 27.8#



#59
 2-Hexanone
 Concen: 20.281 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.02 min
 Lab File: VN057450.D
 Acq: 22 Aug 2019 22:58

Tgt Ion: 43 Resp: 105729
 Ion Ratio Lower Upper
 43 100
 58 17.7 24.6 73.6#





#62

4-Bromofluorobenzene

Concen: 39.967 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057450.D

Acq: 22 Aug 2019 22:58

Instrument :

MSVOA_N

ClientSampleId :

T1-I-(0)

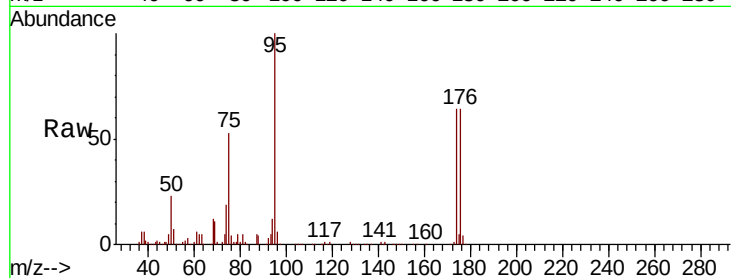
Tgt Ion: 95 Resp: 254819

Ion Ratio Lower Upper

95 100

174 65.5 0.0 133.0

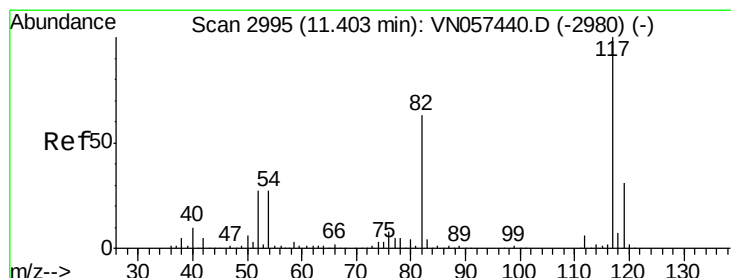
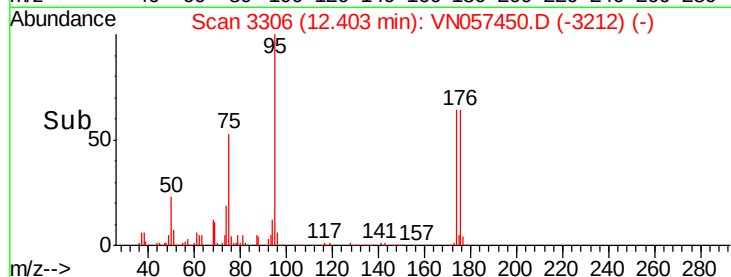
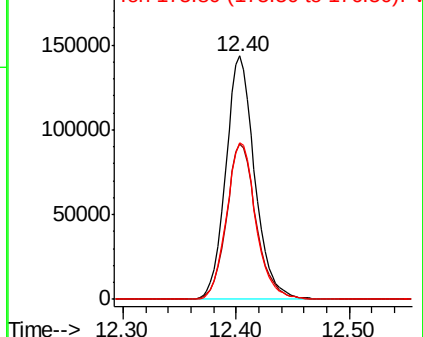
176 65.2 0.0 130.8



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: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057450.D

Acq: 22 Aug 2019 22:58

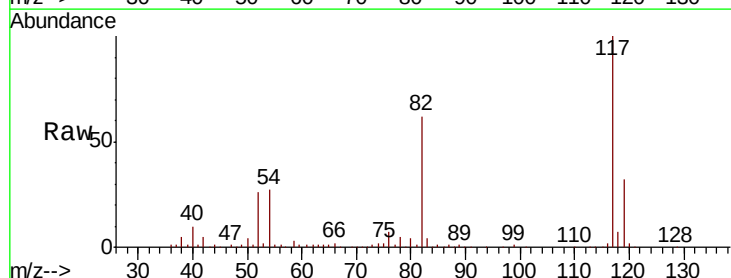
Tgt Ion: 117 Resp: 615846

Ion Ratio Lower Upper

117 100

82 61.7 50.6 75.8

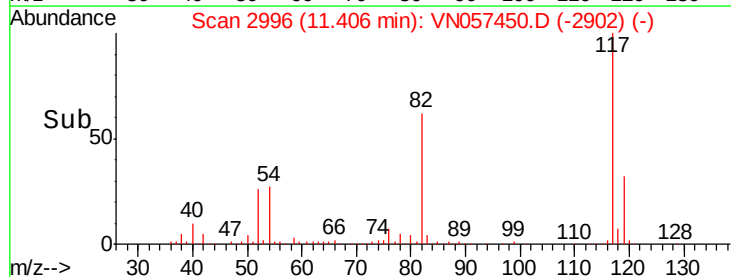
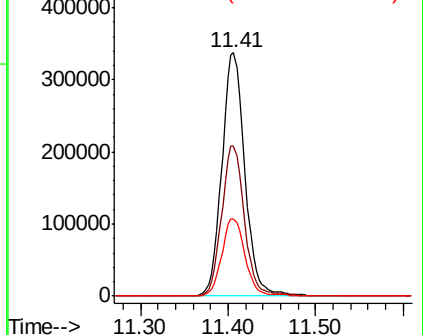
119 31.6 24.6 36.8

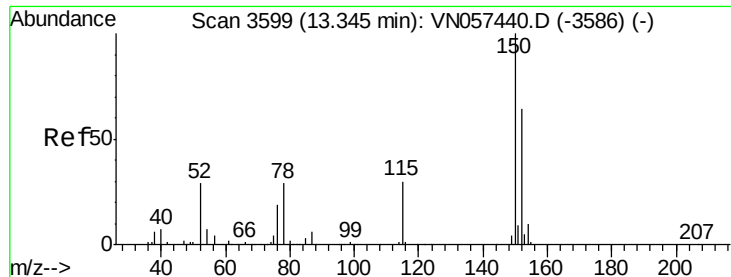


Abundance Ion 116.90 (116.60 to 117.60): VN057440.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN057440.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN057440.D (-2980) (-)

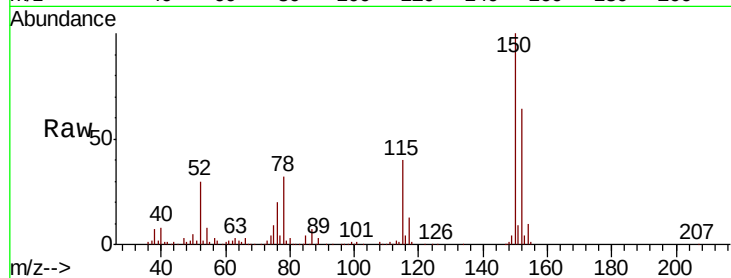




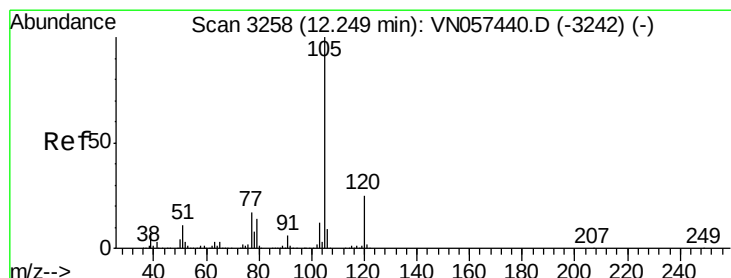
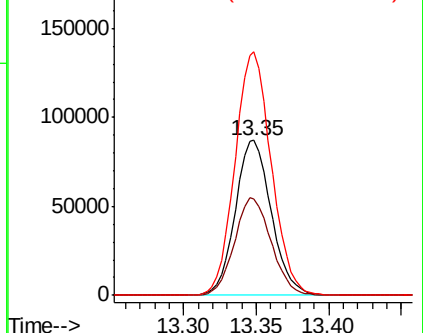
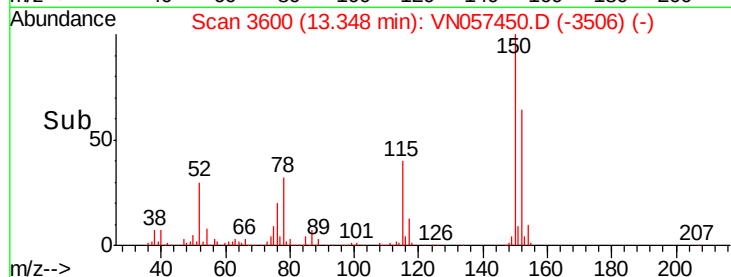
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3600
 Delta R.T. 0.00 min
 Lab File: VN057450.D
 Acq: 22 Aug 2019 22:58

Instrument :
 MSVOA_N
 ClientSampled :
 T1-I-(0)

Tgt Ion:152 Resp: 149832
 Ion Ratio Lower Upper
 152 100
 115 64.5 32.0 96.0
 150 158.3 0.0 346.6

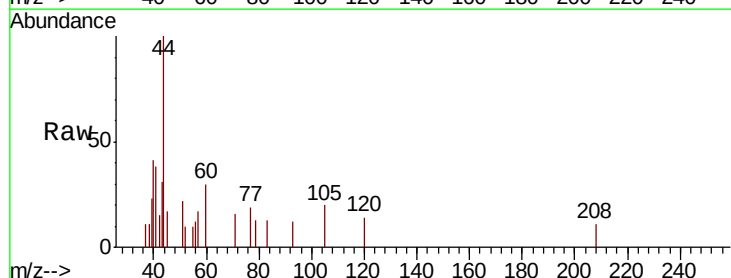


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

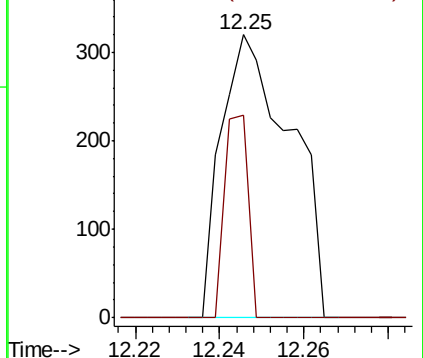
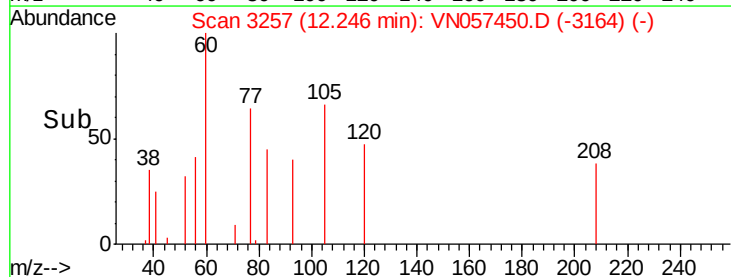


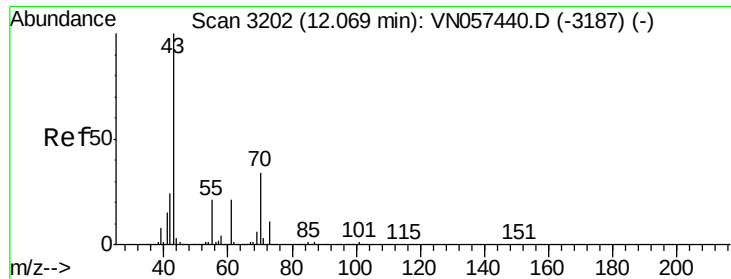
#73
 Isopropylbenzene
 Concen: Below Cal
 RT: 12.25 min Scan# 3257
 Delta R.T. -0.00 min
 Lab File: VN057450.D
 Acq: 22 Aug 2019 22:58

Tgt Ion:105 Resp: 363
 Ion Ratio Lower Upper
 105 100
 120 24.2 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# 3189

Delta R.T. -0.04 min

Lab File: VN057450.D

Acq: 22 Aug 2019 22:58

Instrument :

MSVOA_N

ClientSampleId :

T1-I-(0)

Tgt Ion: 43 Resp: 2218

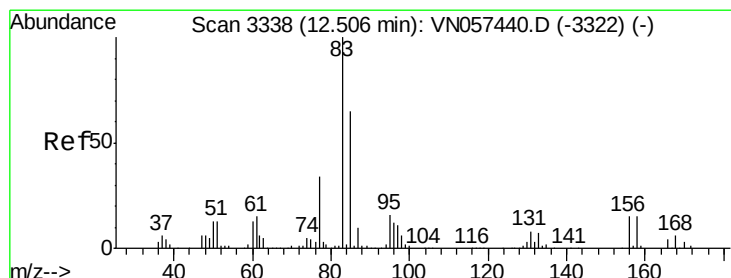
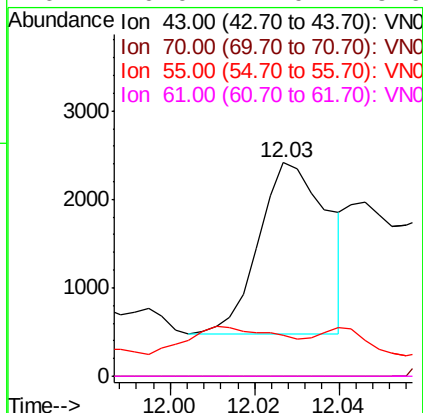
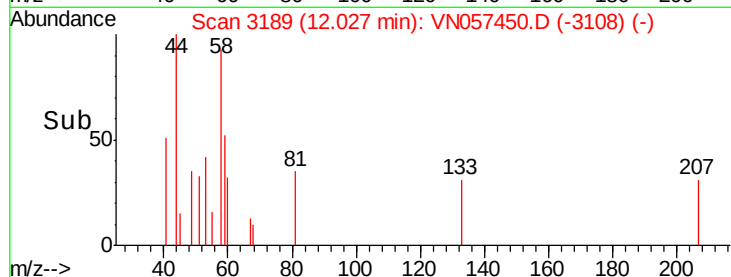
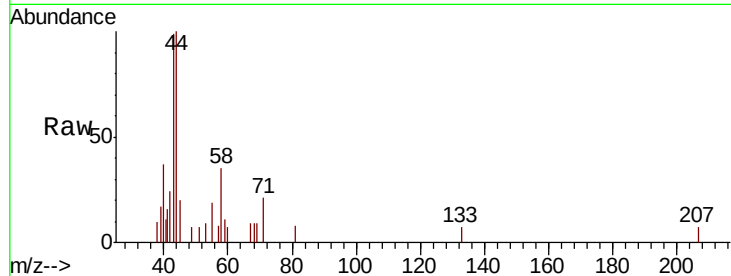
Ion Ratio Lower Upper

43 100

70 0.0 27.8 41.6#

55 10.0 17.0 25.4#

61 0.0 17.0 25.6#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.53 min Scan# 3344

Delta R.T. 0.02 min

Lab File: VN057450.D

Acq: 22 Aug 2019 22:58

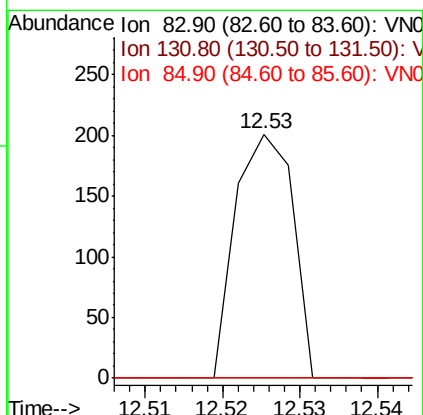
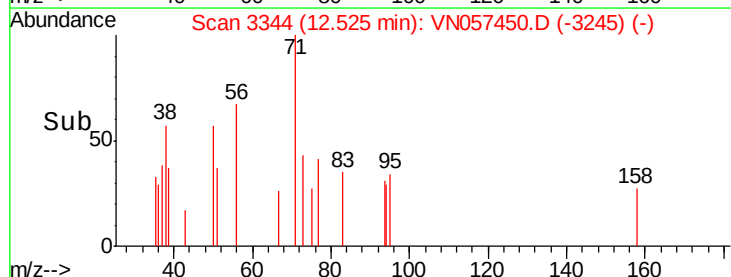
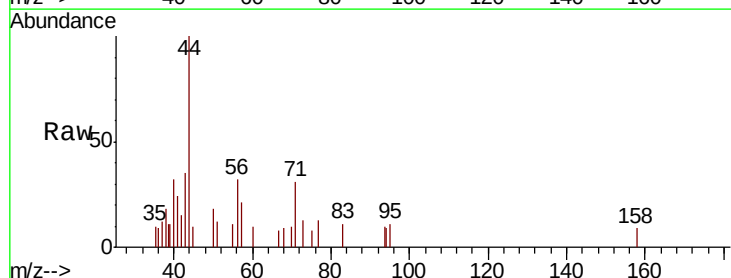
Tgt Ion: 83 Resp: 104

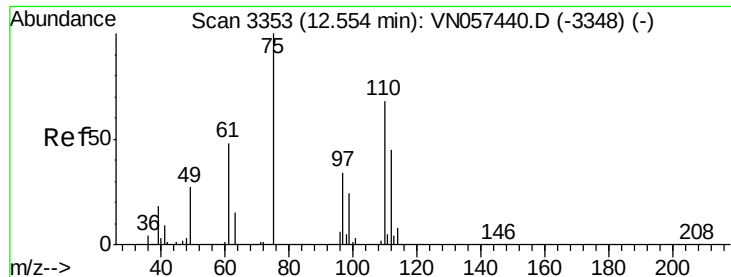
Ion Ratio Lower Upper

83 100

131 0.0 4.3 13.1#

85 0.0 32.3 96.8#





#76

1,2,3-Trichloropropane

Concen: 42.635 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057450.D

Acq: 22 Aug 2019 22:58

Instrument :

MSVOA_N

ClientSampled :

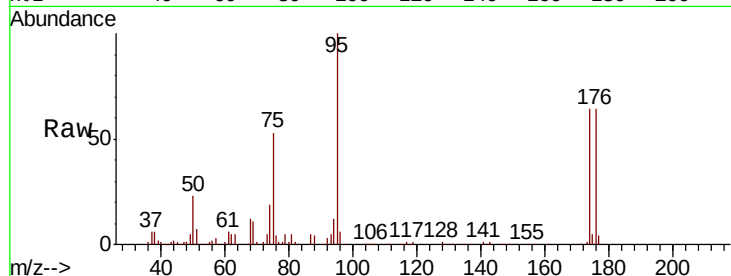
T1-I(0)

Tgt Ion: 75 Resp: 143221

Ion Ratio Lower Upper

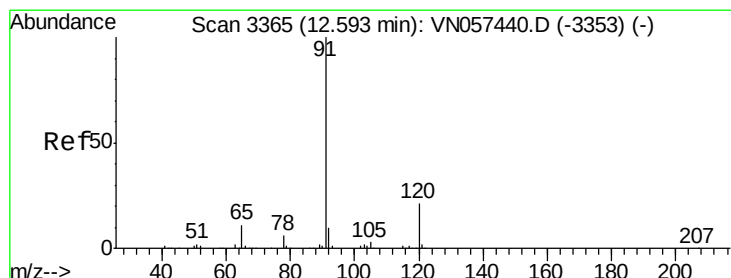
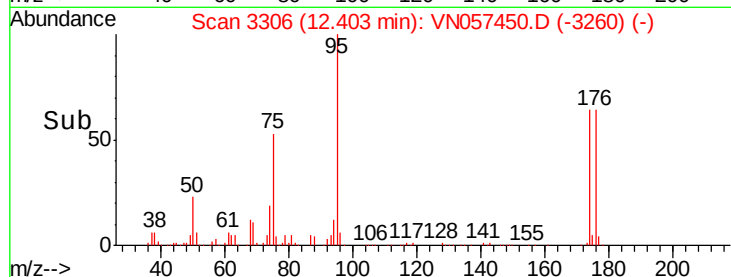
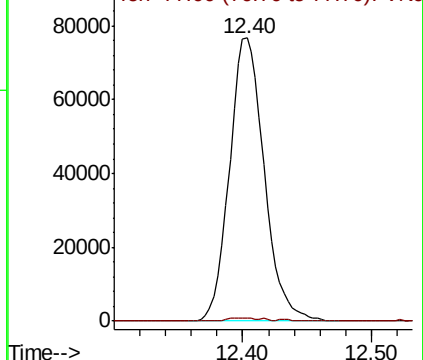
75 100

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



#78

n-propylbenzene

Concen: Below Cal

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN057450.D

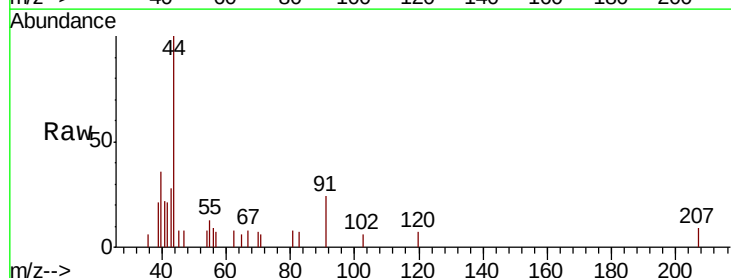
Acq: 22 Aug 2019 22:58

Tgt Ion: 91 Resp: 1096

Ion Ratio Lower Upper

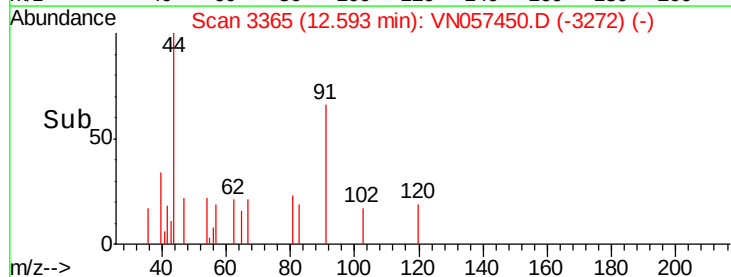
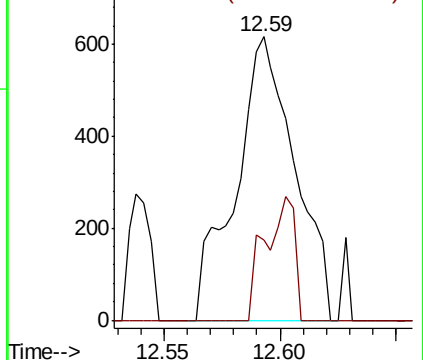
91 100

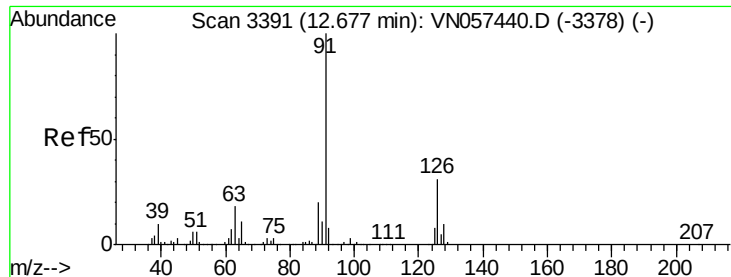
120 21.5 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN057450.D

Acq: 22 Aug 2019 22:58

Instrument :

MSVOA_N

ClientSampleId :

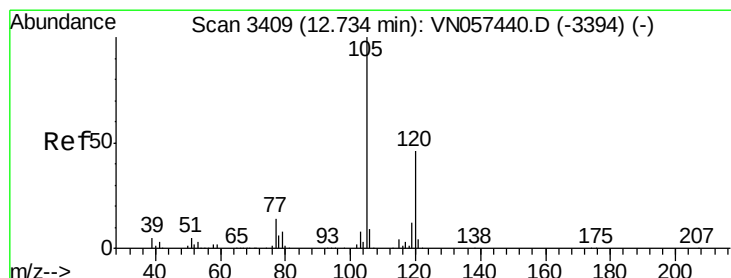
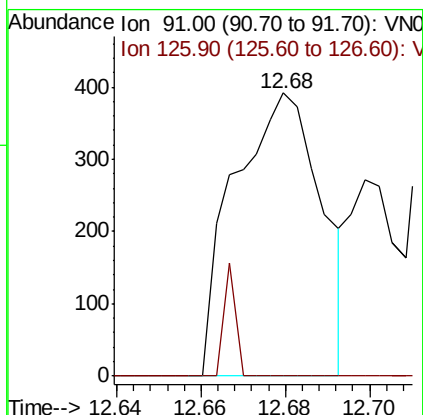
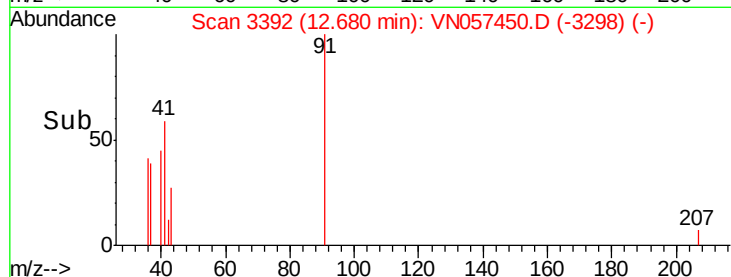
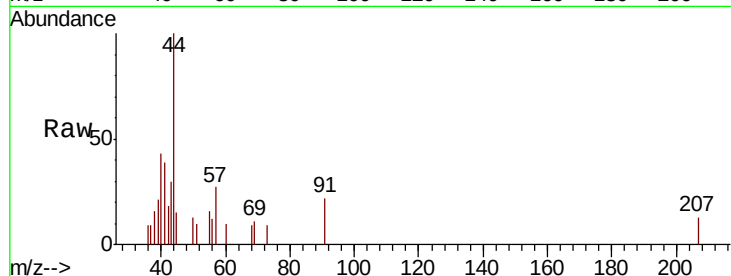
T1-I(0)

Tgt Ion: 91 Resp: 563

Ion Ratio Lower Upper

91 100

126 5.3 15.3 45.8#



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057450.D

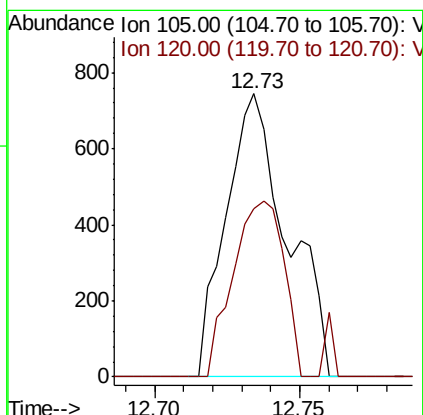
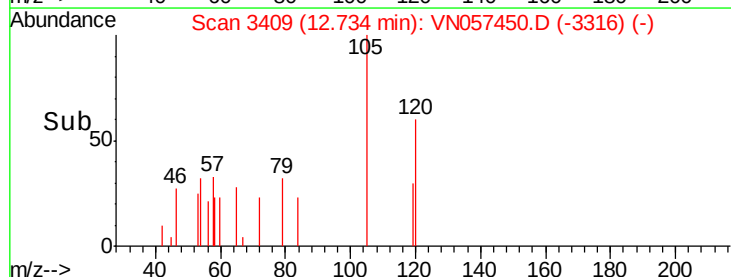
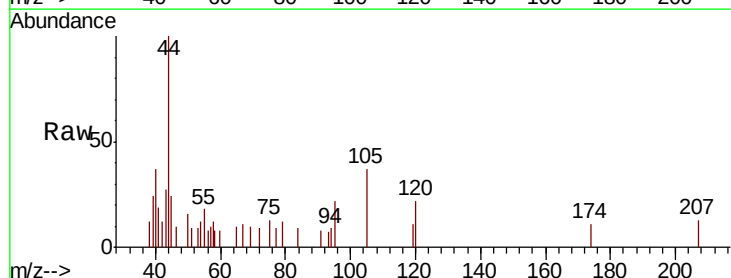
Acq: 22 Aug 2019 22:58

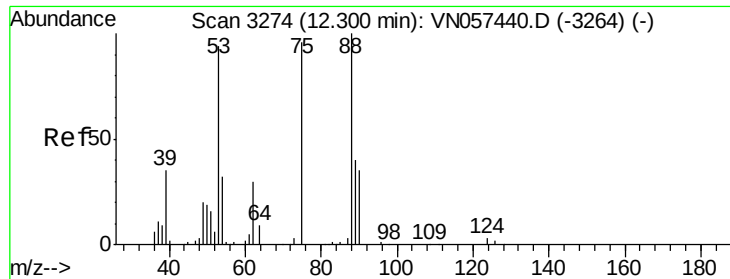
Tgt Ion: 105 Resp: 1092

Ion Ratio Lower Upper

105 100

120 51.7 23.3 69.8





#81

trans-1,4-Dichloro-2-butene

Concen: 109.631 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057450.D

Acq: 22 Aug 2019 22:58

Instrument :

MSVOA_N

ClientSampled :

T1-I-(0)

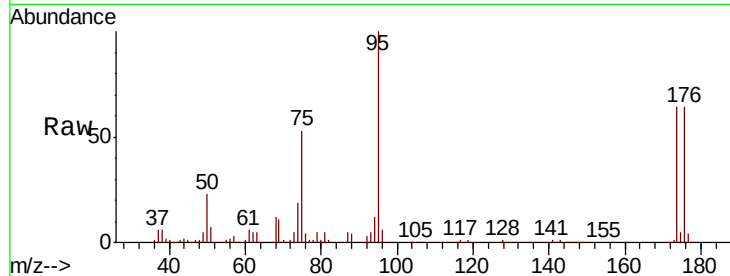
Tgt Ion: 75 Resp: 143221

Ion Ratio Lower Upper

75 100

53 0.2 82.7 124.1#

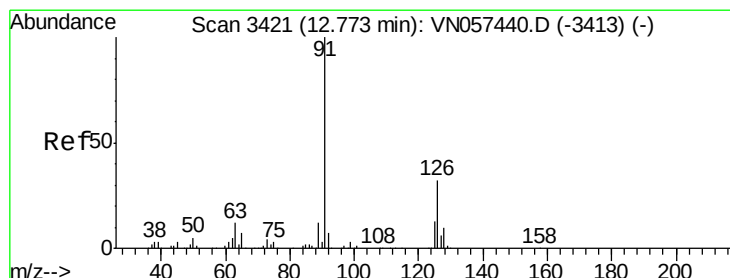
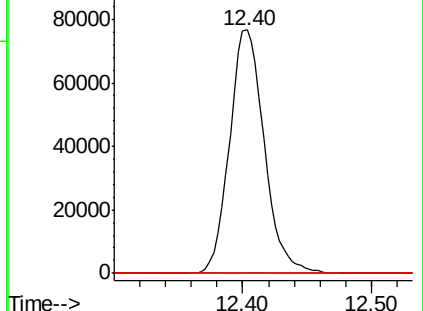
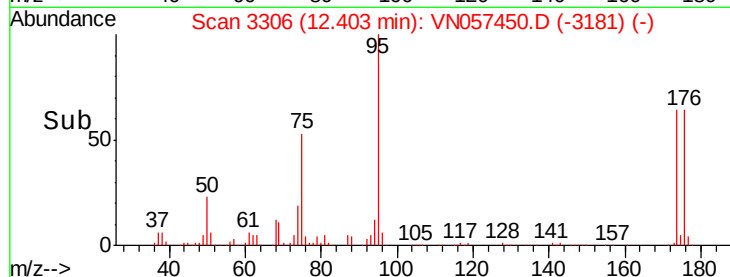
89 0.0 35.8 53.8#



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: 12.78 min Scan# 3423

Delta R.T. 0.01 min

Lab File: VN057450.D

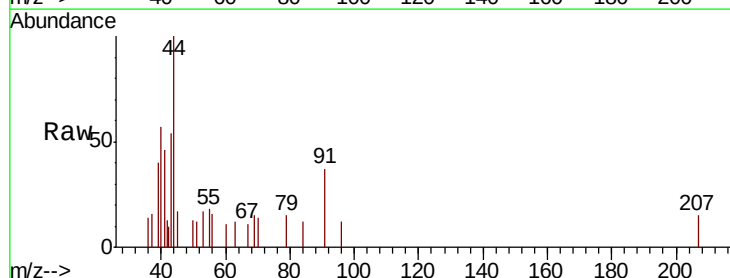
Acq: 22 Aug 2019 22:58

Tgt Ion: 91 Resp: 972

Ion Ratio Lower Upper

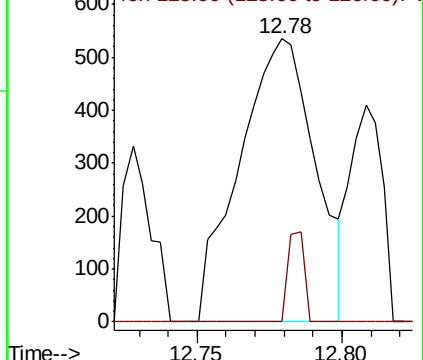
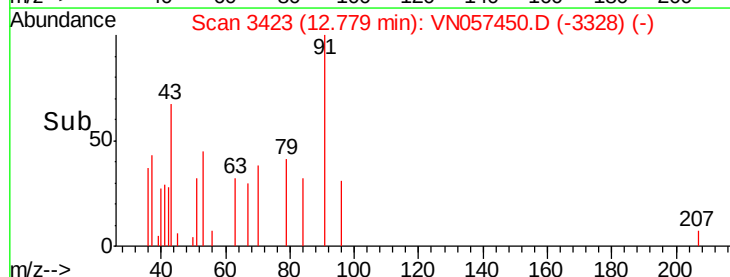
91 100

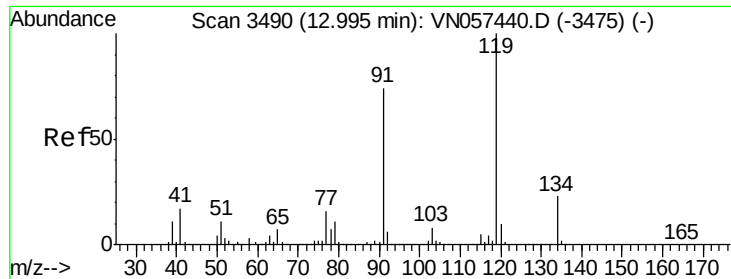
126 6.7 15.0 45.0#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

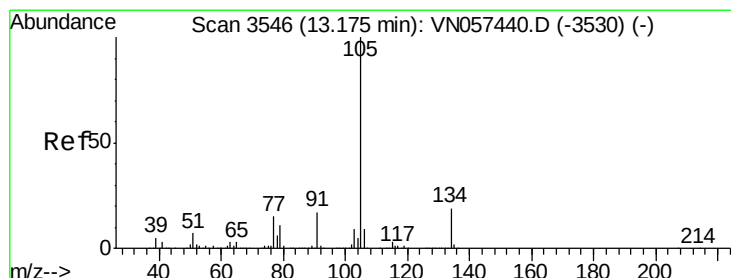
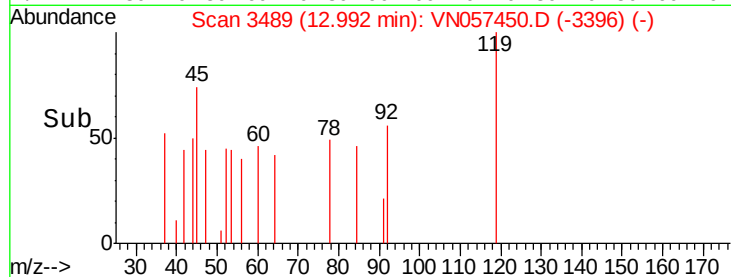
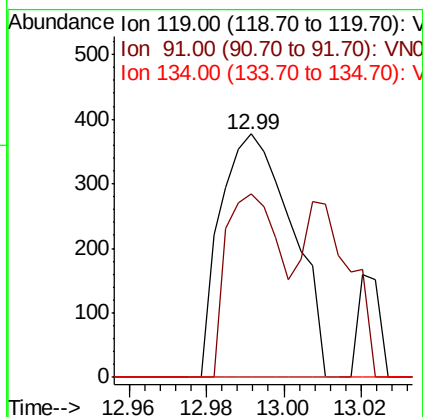
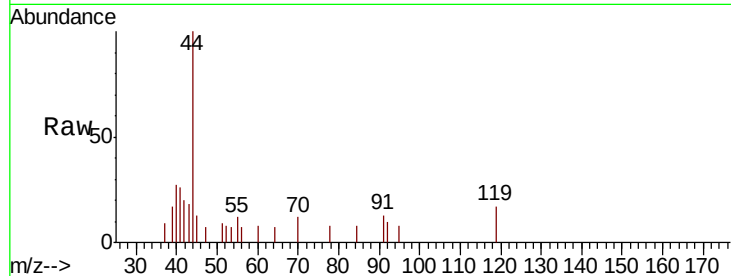




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN057450.D
 Acq: 22 Aug 2019 22:58

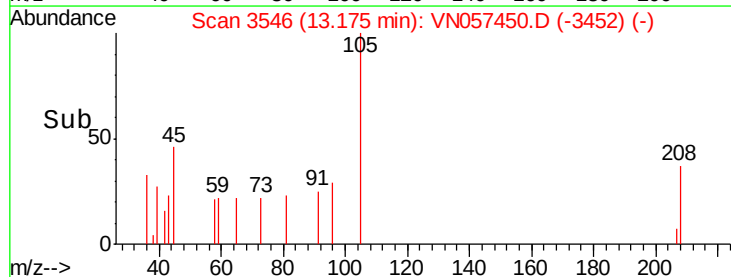
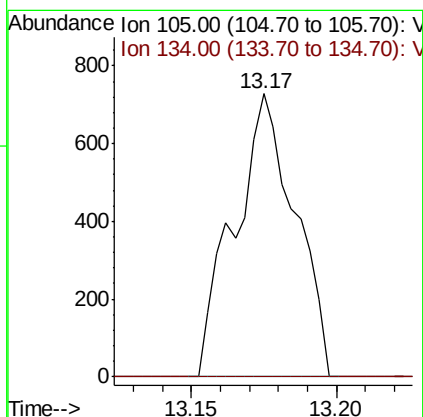
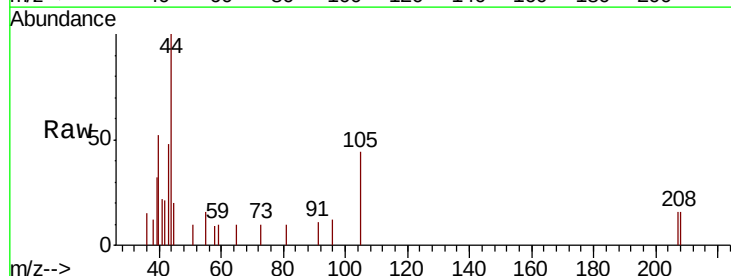
Instrument :
 MSVOA_N
 ClientSampleId :
 T1-I(0)

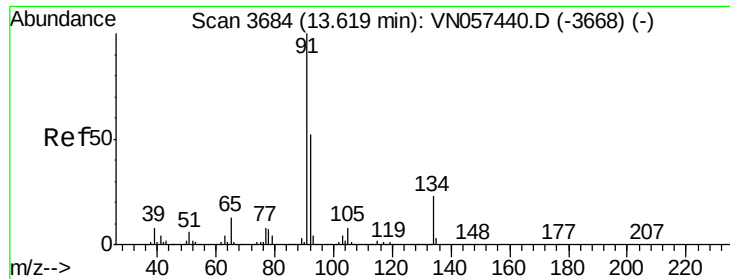
Tgt Ion:119 Resp: 486
 Ion Ratio Lower Upper
 119 100
 91 56.2 37.0 111.0
 134 0.0 12.2 36.6#



#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN057450.D
 Acq: 22 Aug 2019 22:58

Tgt Ion:105 Resp: 1058
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.3 27.9#





#89

n-Butylbenzene

Concen: 0.206 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.01 min

Lab File: VN057450.D

Acq: 22 Aug 2019 22:58

Instrument :

MSVOA_N

ClientSampleId :

T1-I(0)

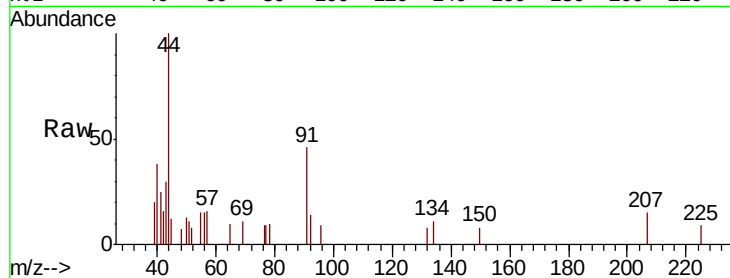
Tgt Ion: 91 Resp: 2044

Ion Ratio Lower Upper

91 100

92 0.0 25.7 77.0#

134 7.5 11.4 34.1#

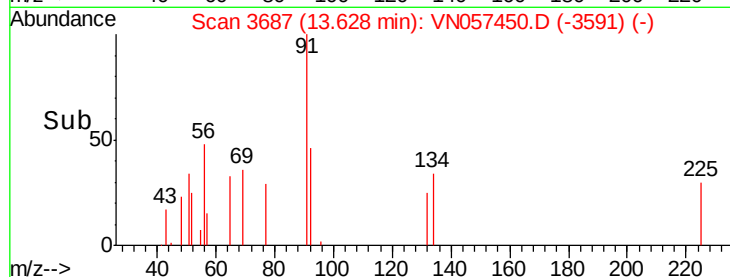


Abundance Ion 91.00 (90.70 to 91.70): VN057440.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN057440.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN057440.D (-3668) (-)

Time-->

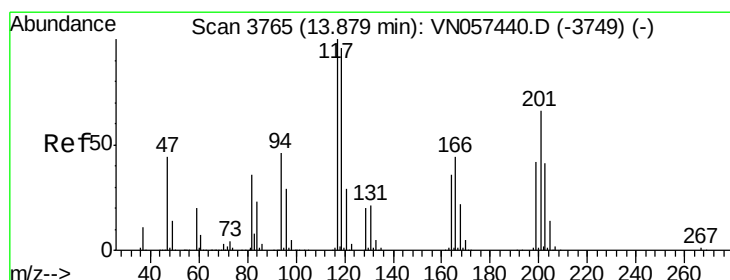


Abundance Ion 91.00 (90.70 to 91.70): VN057450.D (-3591) (-)

Ion 92.00 (91.70 to 92.70): VN057450.D (-3591) (-)

Ion 134.00 (133.70 to 134.70): VN057450.D (-3591) (-)

Time-->



#90

Hexachloroethane

Concen: Below Cal

RT: 13.60 min Scan# 3677

Delta R.T. -0.28 min

Lab File: VN057450.D

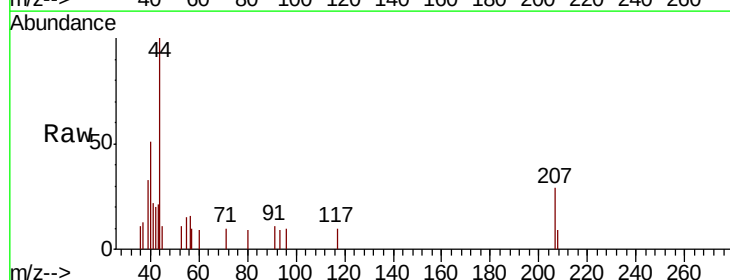
Acq: 22 Aug 2019 22:58

Tgt Ion: 117 Resp: 68

Ion Ratio Lower Upper

117 100

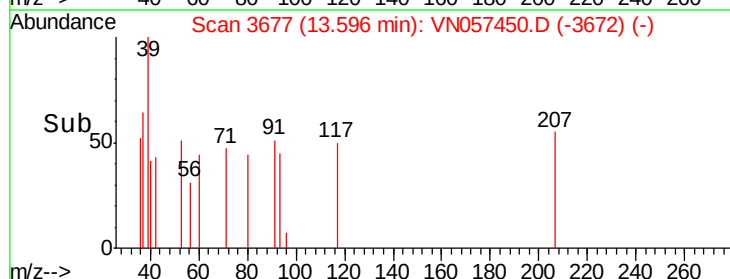
201 0.0 33.1 99.3#



Abundance Ion 116.80 (116.50 to 117.50): VN057440.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN057440.D (-3749) (-)

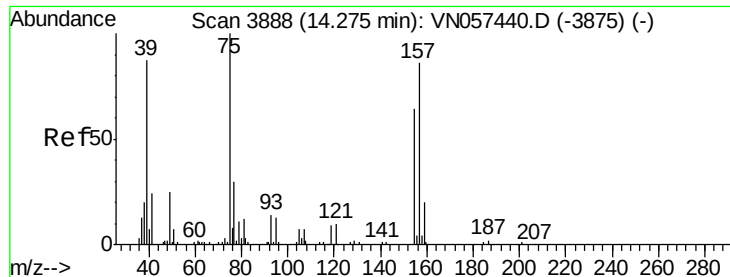
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN057450.D (-3672) (-)

Ion 200.70 (200.40 to 201.40): VN057450.D (-3672) (-)

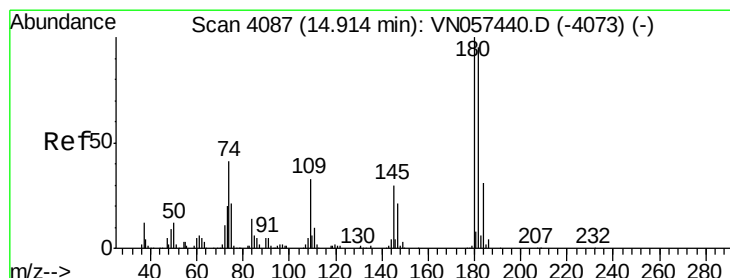
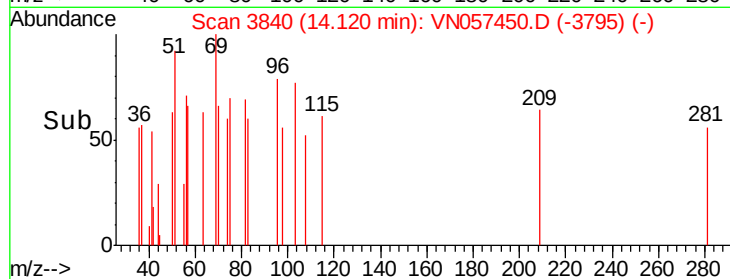
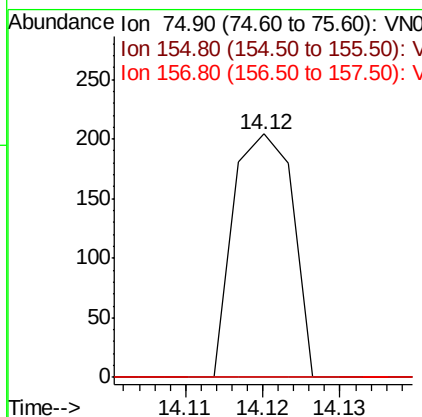
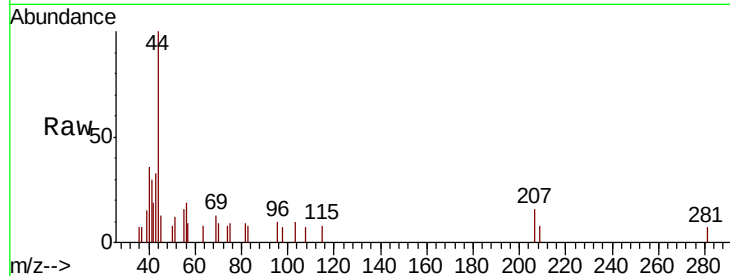
Time-->



#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.12 min Scan# 3840
 Delta R.T. -0.15 min
 Lab File: VN057450.D
 Acq: 22 Aug 2019 22:58

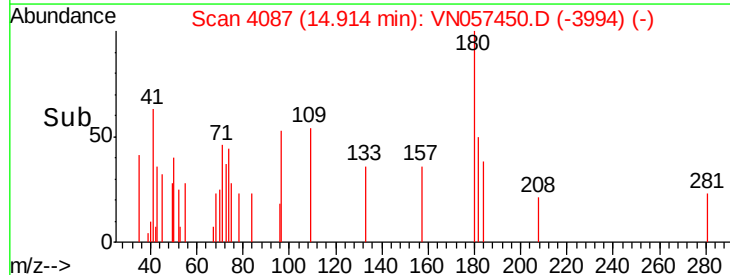
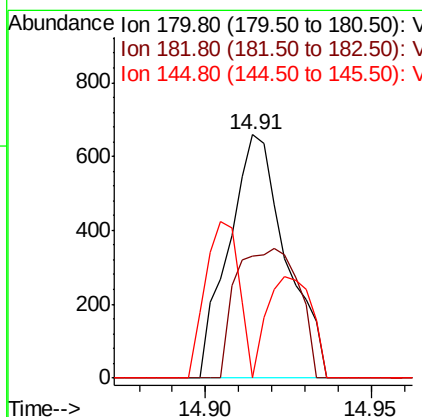
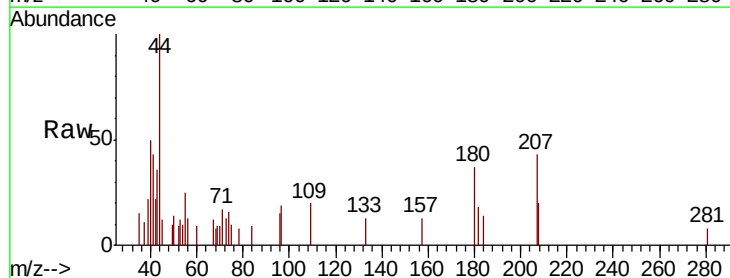
Instrument :
 MSVOA_N
 ClientSampled :
 T1-I-(0)

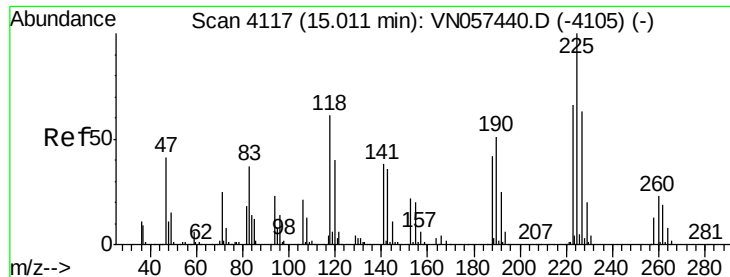
Tgt Ion: 75 Resp: 109
 Ion Ratio Lower Upper
 75 100
 155 0.0 31.6 94.7#
 157 0.0 43.3 129.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 5.750 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057450.D
 Acq: 22 Aug 2019 22:58

Tgt Ion: 180 Resp: 792
 Ion Ratio Lower Upper
 180 100
 182 58.1 46.7 140.1
 145 32.7 15.6 46.8





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.03 min Scan# 4123

Delta R.T. 0.02 min

Lab File: VN057450.D

Acq: 22 Aug 2019 22:58

Instrument :

MSVOA_N

ClientSampled :

T1-I(0)

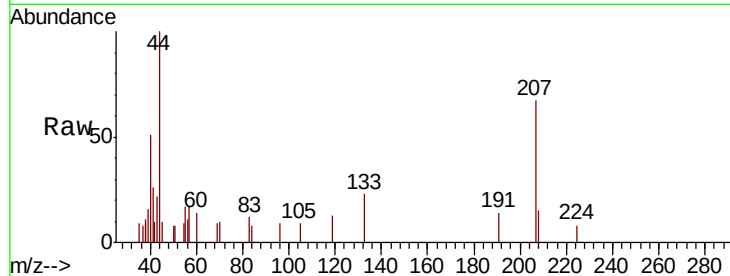
Tgt Ion:225 Resp: 31

Ion Ratio Lower Upper

225 100

223 0.0 32.0 96.2#

227 0.0 31.5 94.5#



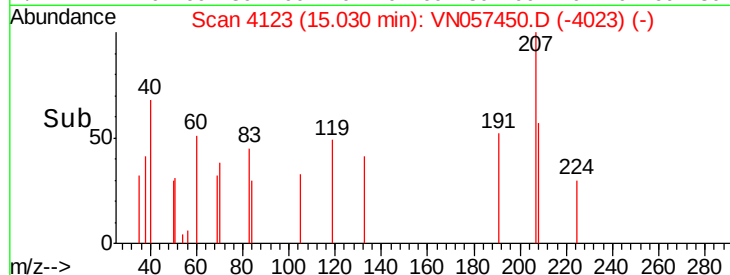
Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

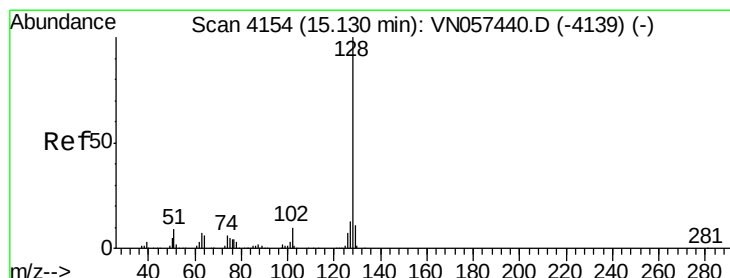
Ion 226.70 (226.40 to 227.40): V

15.03

15.02 15.03 15.04



Time-->



#95

Naphthalene

Concen: 4.592 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN057450.D

Acq: 22 Aug 2019 22:58

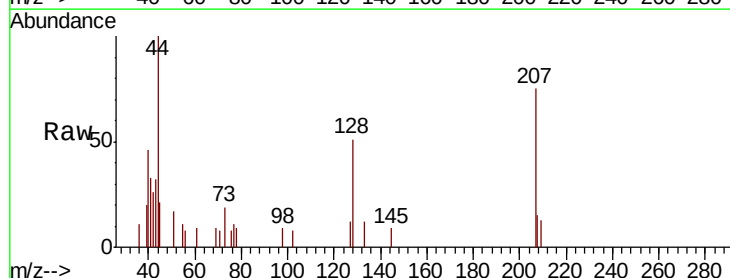
Tgt Ion:128 Resp: 1652

Ion Ratio Lower Upper

128 100

127 10.6 10.5 15.7

129 0.0 8.6 13.0#



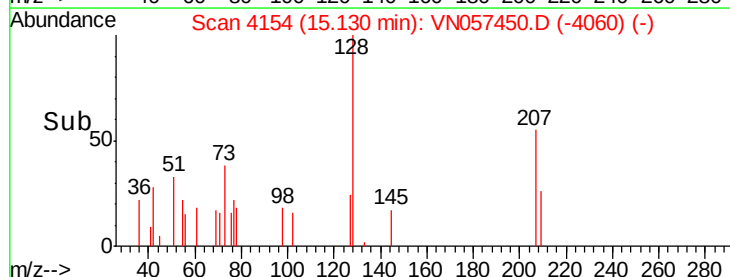
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

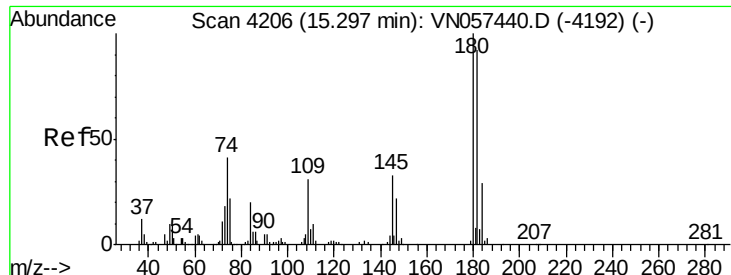
Ion 129.00 (128.70 to 129.70): V

15.13

15.10 15.15



Time-->



#96
 1,2,3-Trichlorobenzene
 Concen: 5.384 ug/l
 RT: 15.30 min Scan# 4208
 Delta R.T. 0.01 min
 Lab File: VN057450.D
 Acq: 22 Aug 2019 22:58

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-I(0)

Tgt Ion:180 Resp: 559
 Ion Ratio Lower Upper
 180 100
 182 64.4 46.7 140.1
 145 11.3 16.8 50.3#

