

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082219\
 Data File : VN057451.D
 Acq On : 22 Aug 2019 23:23
 Operator : JC/SP
 Sample : K4403-34
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-I(2.5)

Quant Time: Aug 23 05:16:00 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	447702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	782931	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	625541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	145861	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	368054	46.73	ug/l	0.00
Spiked Amount			Recovery	=	93.46%	
35) Dibromofluoromethane	7.57	113	256603	48.52	ug/l	0.00
Spiked Amount			Recovery	=	97.04%	
50) Toluene-d8	10.08	98	980762	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
62) 4-Bromofluorobenzene	12.40	95	256435	37.84	ug/l	0.00
Spiked Amount			Recovery	=	75.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1788	0.237	ug/l #	87
5) Bromomethane	2.56	94	1613	0.285	ug/l #	67
8) Diethyl Ether	3.34	74	311	Below Cal		58
9) 1,1,2-Trichlorotrifluoroet	3.72	101	191	Below Cal #		47
11) Tert butyl alcohol	4.72	59	7818	7.990	ug/l #	88
13) Acrolein	3.58	56	871	1.012	ug/l #	73
16) Acetone	3.79	43	13419	3.710	ug/l #	82
18) Methyl Acetate	4.30	43	11892	0.581	ug/l	94
20) Methylene Chloride	4.52	84	10475	1.881	ug/l	89
31) Cyclohexane	7.65	56	12704	1.148	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	44464	5.558	ug/l #	50
38) Carbon Tetrachloride	7.65	117	50385	6.340	ug/l #	16
43) Isopropyl Acetate	8.16	43	119672	8.256	ug/l	98
46) Dibromomethane	9.20	93	100	Below Cal #		52
48) Methyl methacrylate	9.17	41	6154	0.893	ug/l #	18
49) 1,4-Dioxane	9.18	88	76	0.853	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	5885	0.729	ug/l #	69
54) cis-1,3-Dichloropropene	9.90	75	43359	4.167	ug/l #	63
57) 1,3-Dichloropropane	10.76	76	6595	0.677	ug/l #	44
58) 2-Chloroethyl Vinyl ether	9.72	63	33	17.077	ug/l #	52
59) 2-Hexanone	10.76	43	109479	19.759	ug/l #	55
71) Bromoform	12.40	173	1139	0.347	ug/l #	1
73) Isopropylbenzene	12.25	105	234	Below Cal		76
74) N-aryl acetate	12.03	43	4370	Below Cal #		54
75) 1,1,2,2-Tetrachloroethane	12.53	83	30	Below Cal #		25
76) 1,2,3-Trichloropropane	12.40	75	148366	45.628	ug/l #	100
77) Bromobenzene	12.41	156	119	Below Cal #		1
78) n-propylbenzene	12.60	91	1175	Below Cal		78
79) 2-Chlorotoluene	12.67	91	571	Below Cal #		44
80) 1,3,5-Trimethylbenzene	12.73	105	1419	Below Cal		82
81) trans-1,4-Dichloro-2-buten	12.40	75	148366	116.868	ug/l #	9
82) 4-Chlorotoluene	12.99	91	290	Below Cal		91
83) tert-Butylbenzene	13.00	119	106	Below Cal #		1
85) sec-Butylbenzene	13.17	105	704	Below Cal		94

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Quant Title : SW846 8260
QLast Update : Fri Aug 23 05:07:29 2019
Response via : Initial Calibration

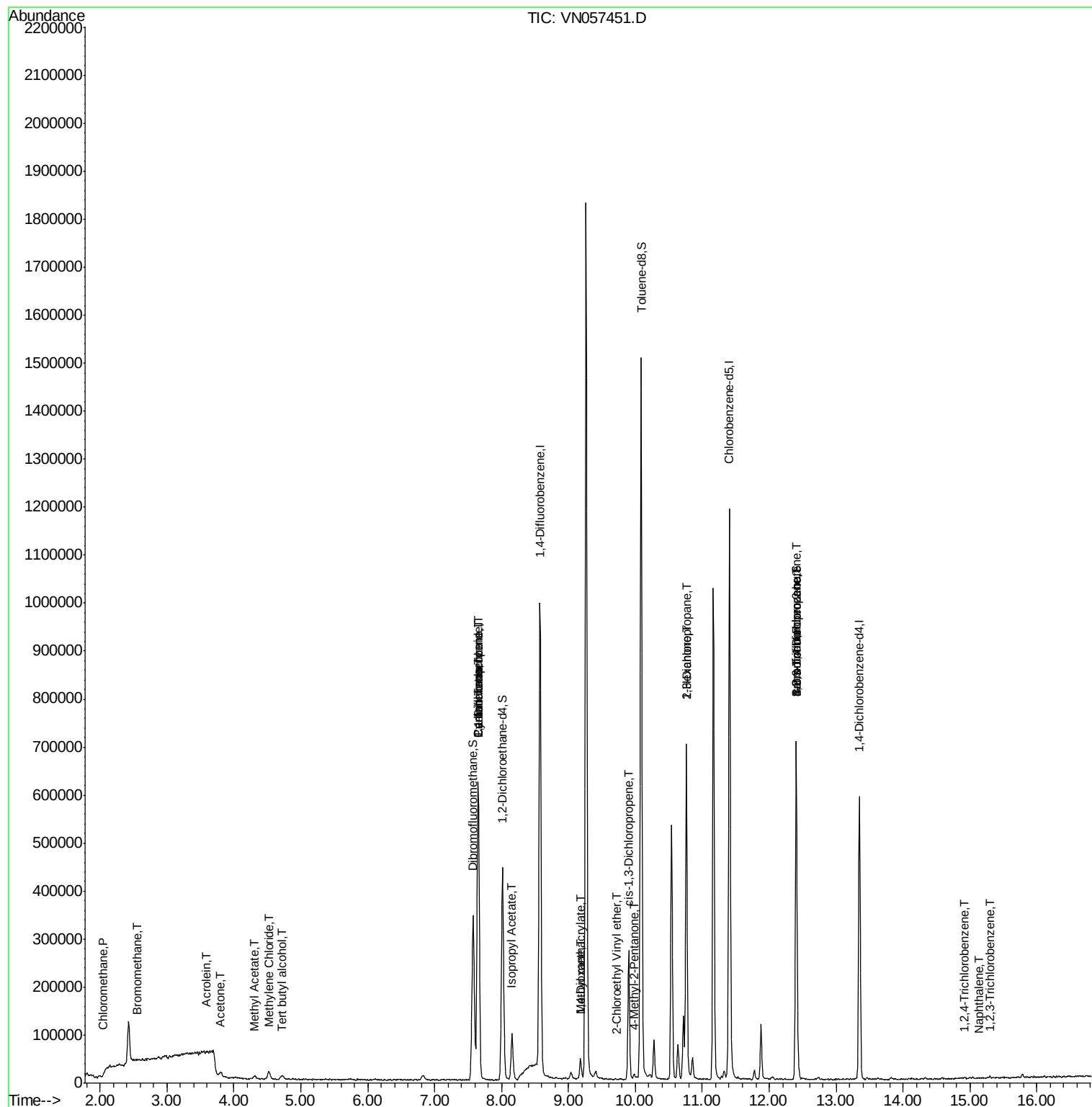
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.95	117	31	Below Cal	#	17
92) 1,2-Dibromo-3-Chloropropan	14.09	75	77	Below Cal	#	11
93) 1,2,4-Trichlorobenzene	14.92	180	485	5.610	ug/l #	68
95) Naphthalene	15.14	128	1678	4.603	ug/l #	74
96) 1,2,3-Trichlorobenzene	15.29	180	762	5.491	ug/l #	87

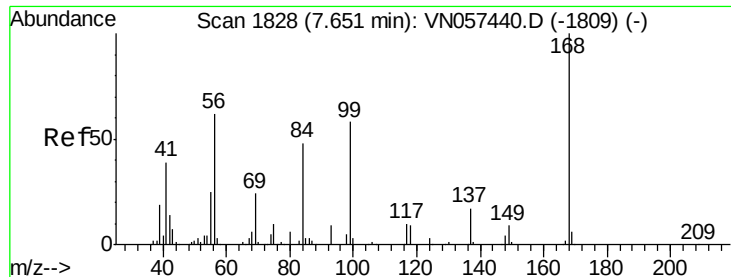
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VN057451.D

Acq: 22 Aug 2019 23:23

Instrument :

MSVOA_N

ClientSampleId :

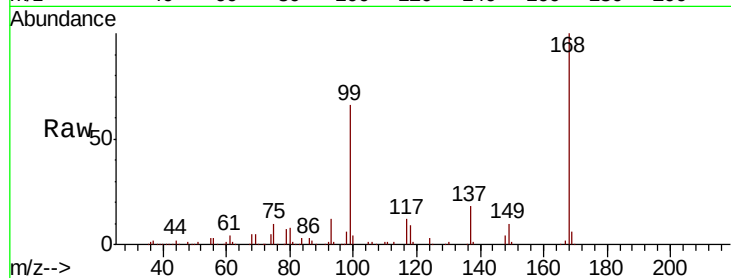
T1-I(2.5)

Tgt Ion:168 Resp: 447702

Ion Ratio Lower Upper

168 100

99 65.6 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

200000

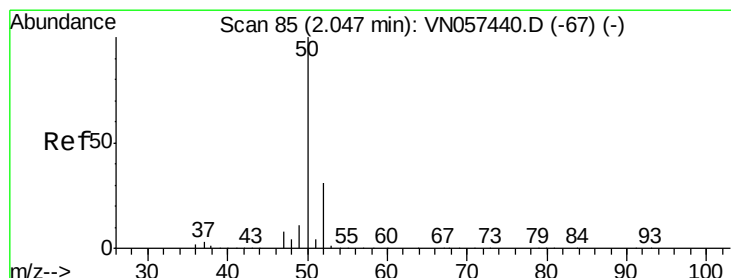
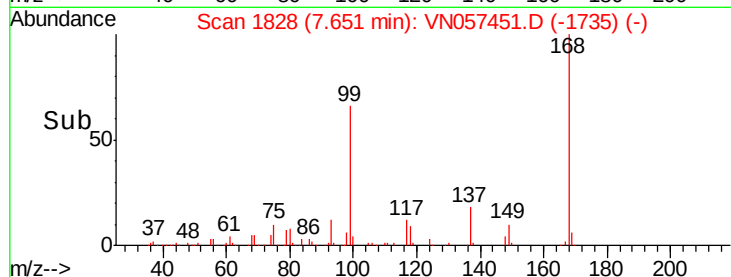
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.237 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.01 min

Lab File: VN057451.D

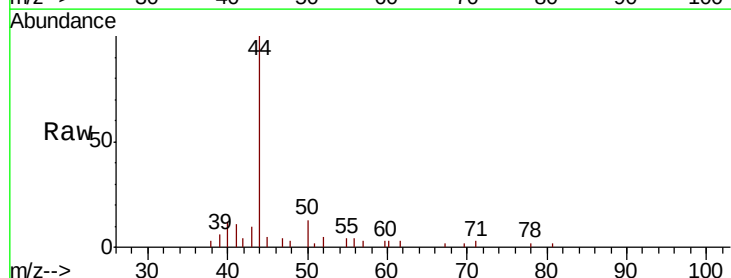
Acq: 22 Aug 2019 23:23

Tgt Ion: 50 Resp: 1788

Ion Ratio Lower Upper

50 100

52 38.4 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) (-)

2.04

1000

800

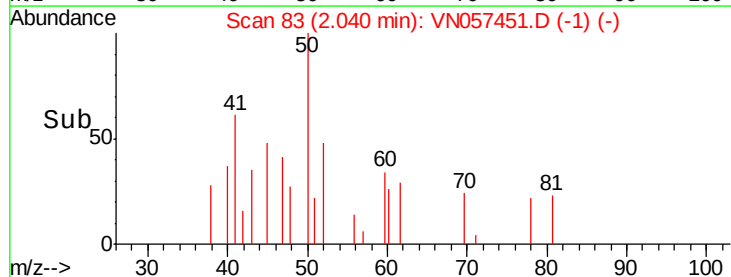
600

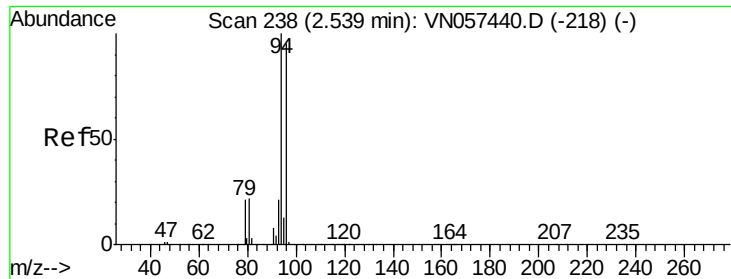
400

200

0

Time-->





#5

Bromomethane

Concen: 0.285 ug/l

RT: 2.56 min Scan# 245

Delta R.T. 0.02 min

Lab File: VN057451.D

Acq: 22 Aug 2019 23:23

Instrument :

MSVOA_N

ClientSampled :

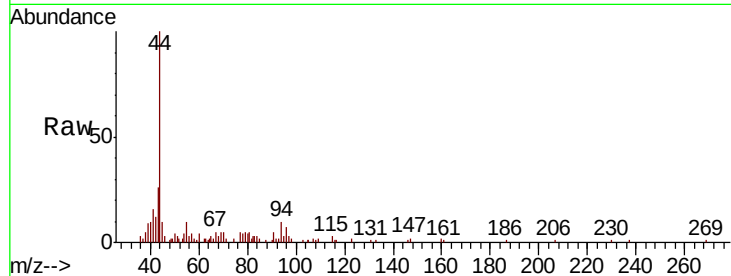
T1-I-(2.5)

Tgt Ion: 94 Resp: 1613

Ion Ratio Lower Upper

94 100

96 63.3 76.2 114.4#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

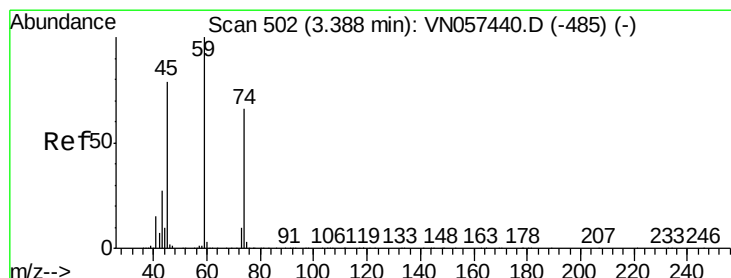
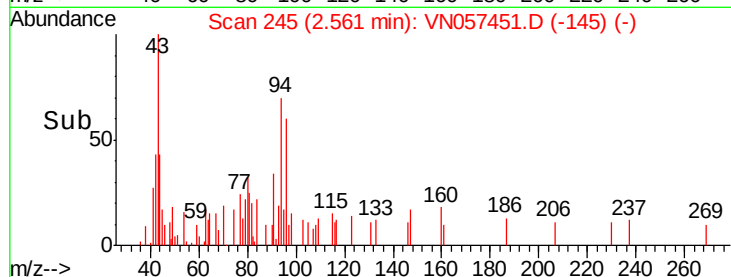
2.56

1000

500

0

Time-->



#8

Diethyl Ether

Concen: Below Cal

RT: 3.34 min Scan# 488

Delta R.T. -0.04 min

Lab File: VN057451.D

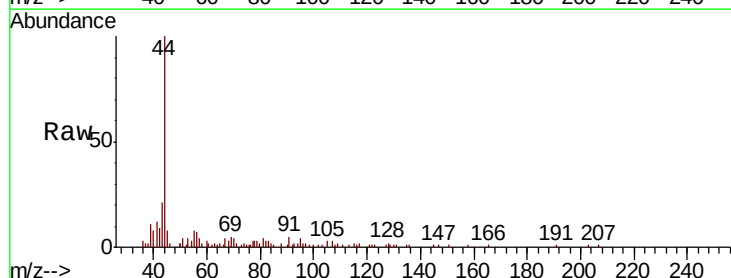
Acq: 22 Aug 2019 23:23

Tgt Ion: 74 Resp: 311

Ion Ratio Lower Upper

74 100

45 69.8 57.9 173.6



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

2000

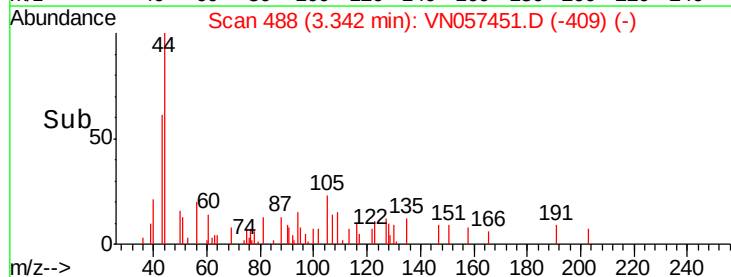
1500

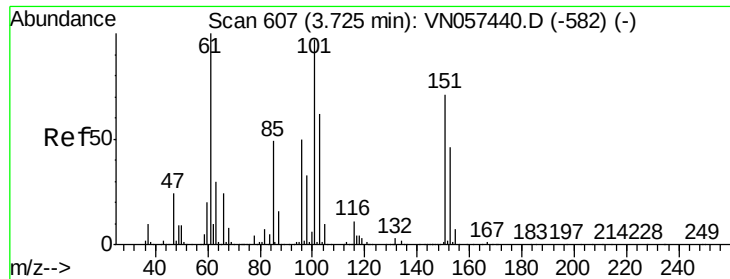
1000

500

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.72 min Scan# 605

Delta R.T. -0.01 min

Lab File: VN057451.D

Acq: 22 Aug 2019 23:23

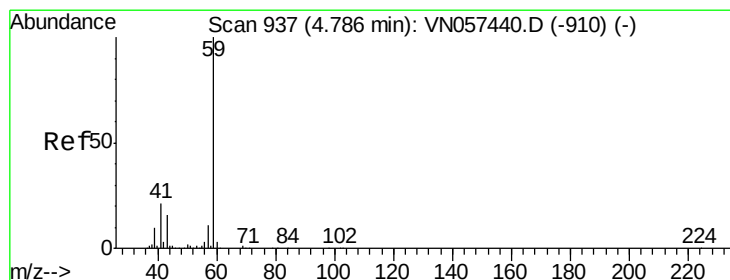
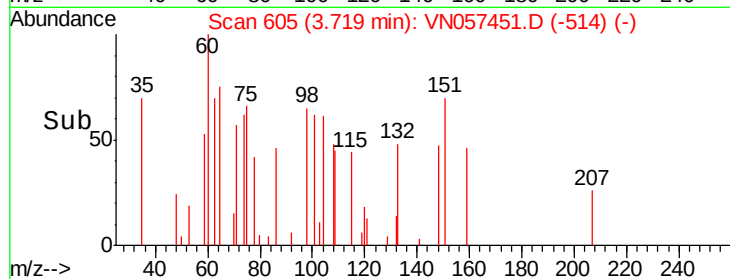
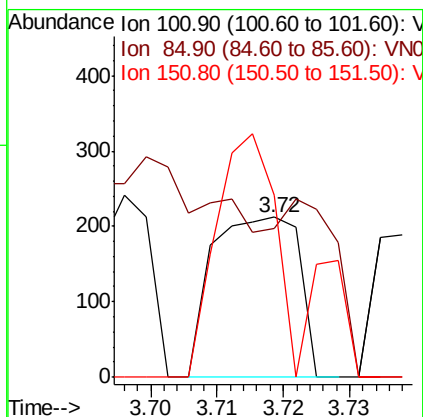
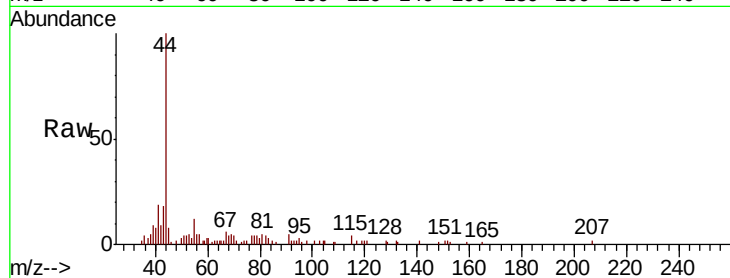
Instrument :

MSVOA_N

ClientSampleId :

T1-I(2.5)

Tgt Ion:	101	Resp:	191
Ion	Ratio	Lower	Upper
101	100		
85	0.0	40.0	60.0#
151	103.7	57.0	85.6#



#11

Tert butyl alcohol

Concen: 7.990 ug/l

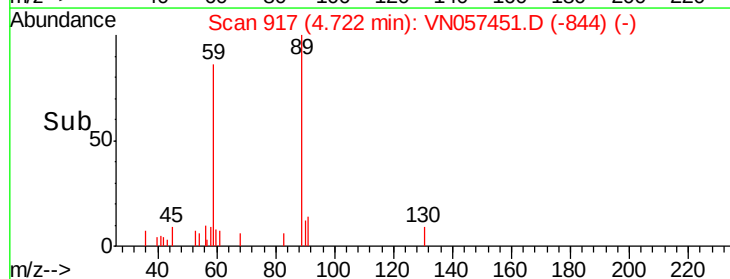
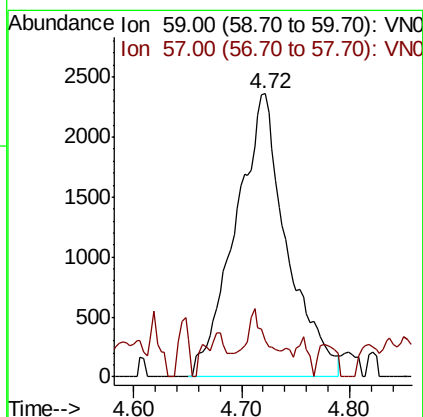
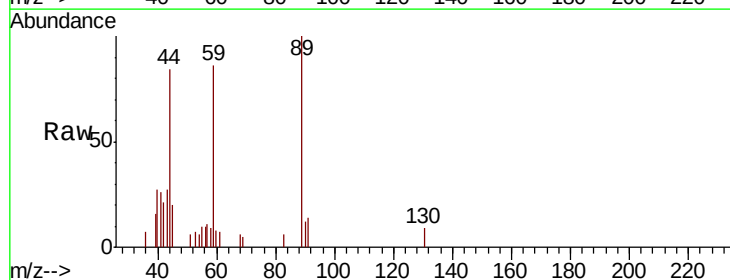
RT: 4.72 min Scan# 917

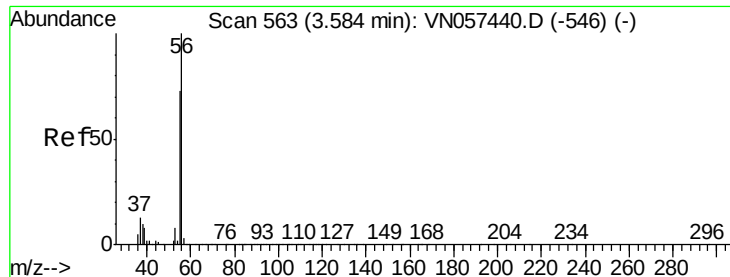
Delta R.T. -0.06 min

Lab File: VN057451.D

Acq: 22 Aug 2019 23:23

Tgt Ion:	59	Resp:	7818
Ion	Ratio	Lower	Upper
59	100		
57	6.7	9.1	13.7#





#13

Acrolein

Concen: 1.012 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN057451.D

Acq: 22 Aug 2019 23:23

Instrument :

MSVOA_N

ClientSampleId :

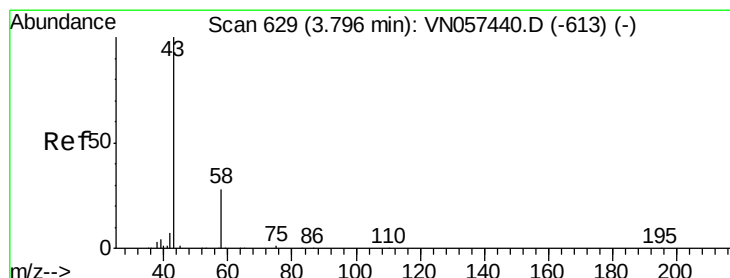
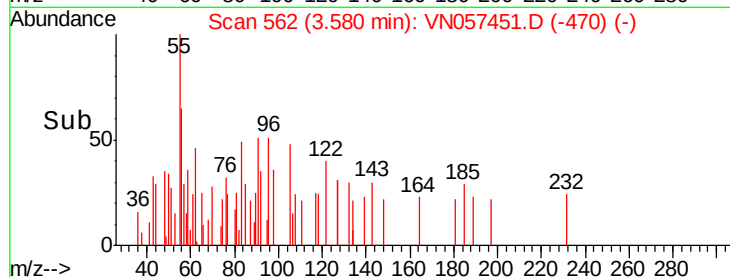
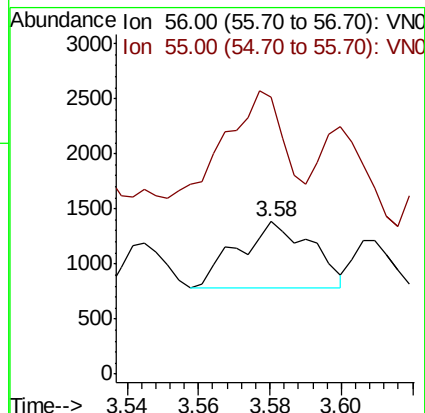
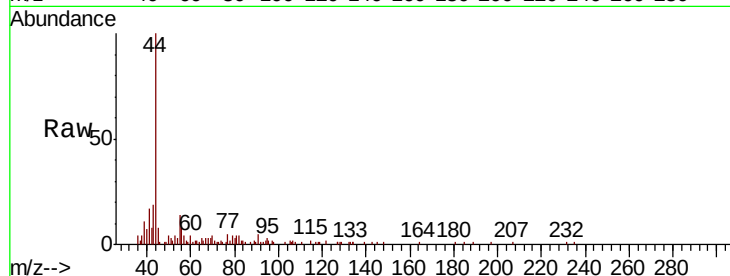
T1-I(2.5)

Tgt Ion: 56 Resp: 871

Ion Ratio Lower Upper

56 100

55 96.4 59.0 88.4#



#16

Acetone

Concen: 3.710 ug/l

RT: 3.79 min Scan# 628

Delta R.T. -0.00 min

Lab File: VN057451.D

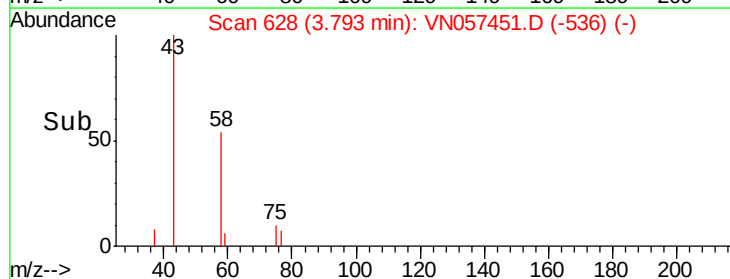
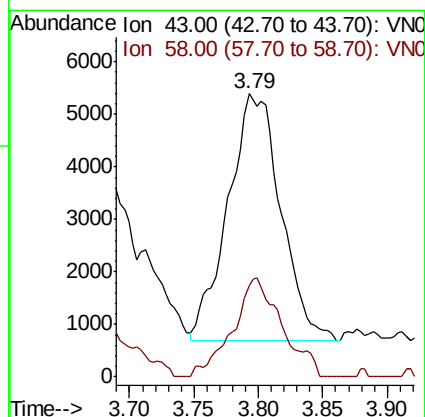
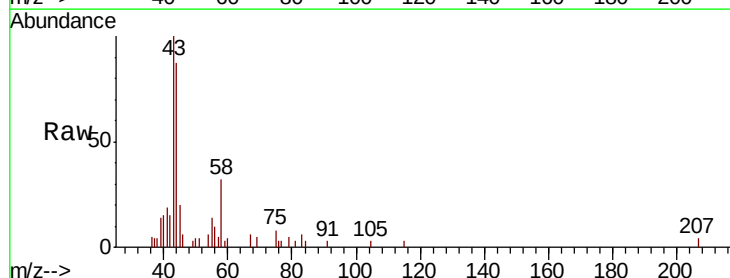
Acq: 22 Aug 2019 23:23

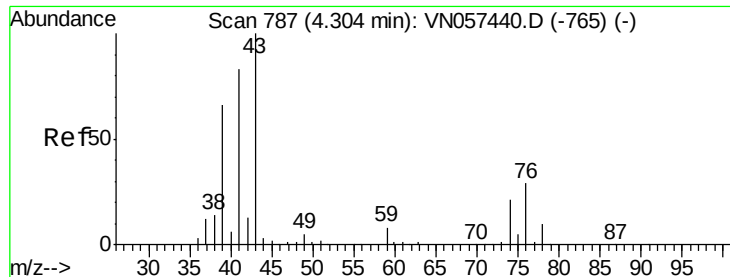
Tgt Ion: 43 Resp: 13419

Ion Ratio Lower Upper

43 100

58 37.0 22.1 33.1#

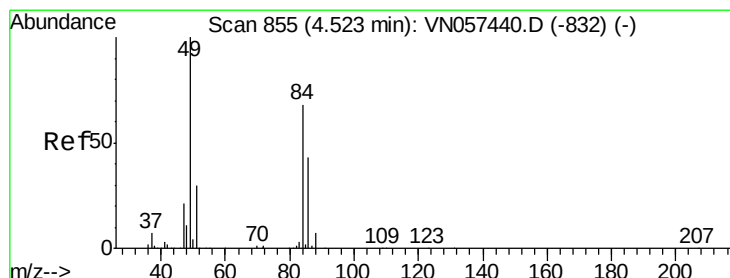
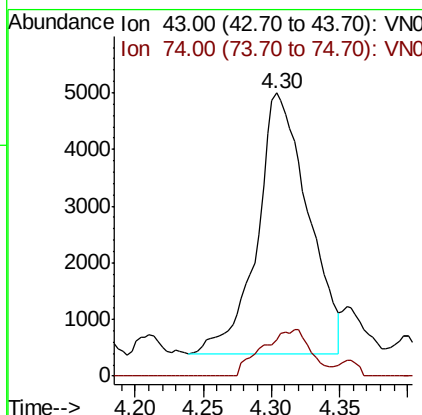
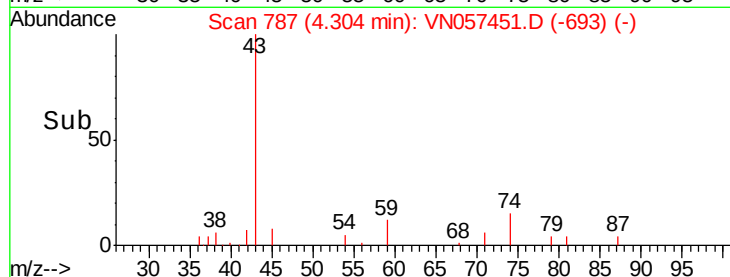
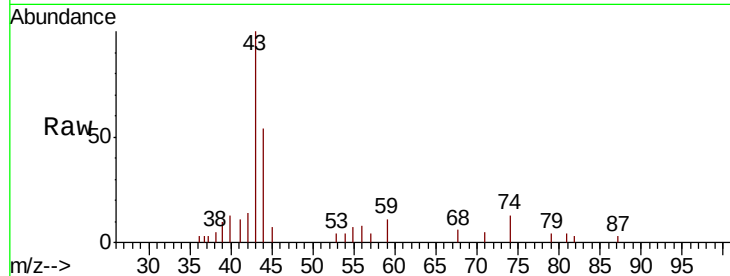




#18
Methyl Acetate
Concen: 0.581 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.00 min
Lab File: VN057451.D
Acq: 22 Aug 2019 23:23

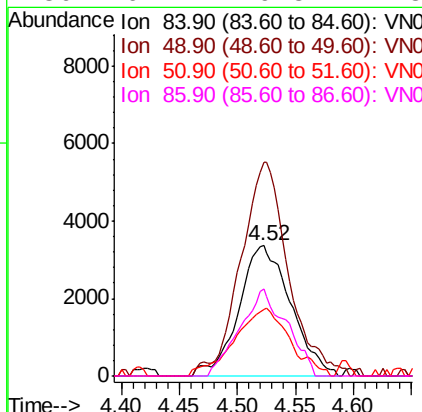
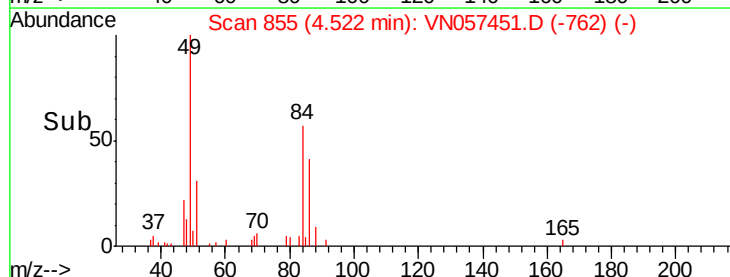
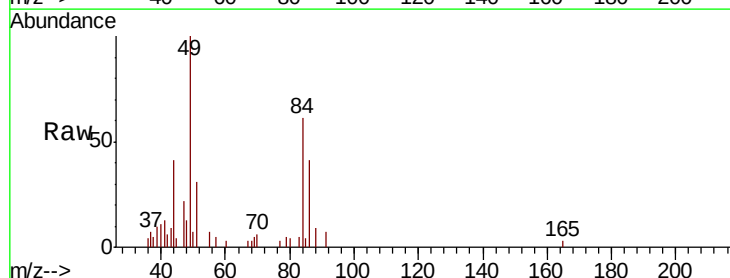
Instrument :
MSVOA_N
ClientSampled :
T1-I(2.5)

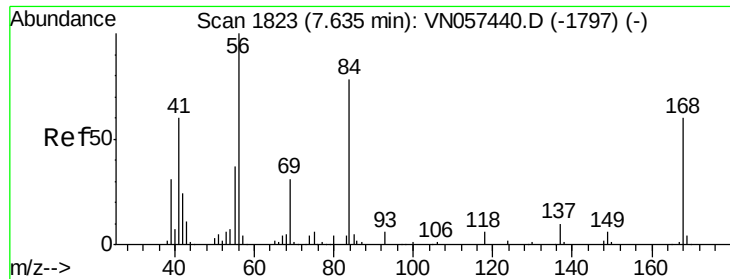
Tgt Ion: 43 Resp: 11892
Ion Ratio Lower Upper
43 100
74 17.3 15.9 23.9



#20
Methylene Chloride
Concen: 1.881 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN057451.D
Acq: 22 Aug 2019 23:23

Tgt Ion: 84 Resp: 10475
Ion Ratio Lower Upper
84 100
49 163.6 117.0 175.4
51 51.3 35.5 53.3
86 67.1 49.8 74.8

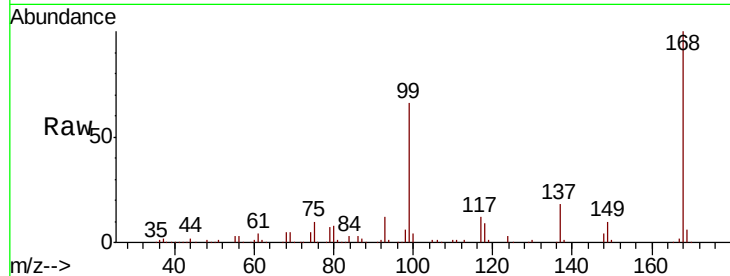




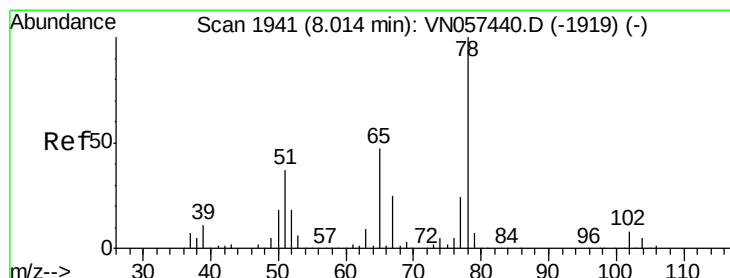
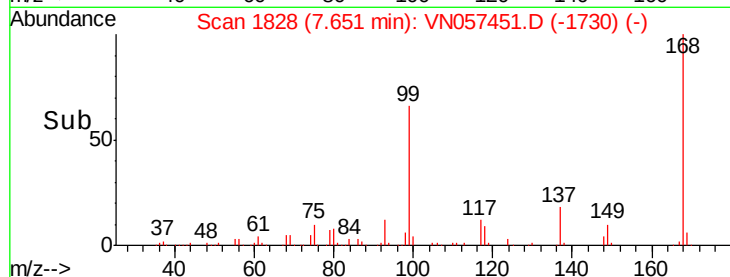
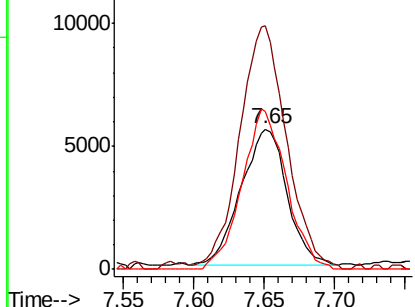
#31
Cyclohexane
Concen: 1.148 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.02 min
Lab File: VN057451.D
Acq: 22 Aug 2019 23:23

Instrument :
MSVOA_N
ClientSampled :
T1-I(2.5)

Tgt Ion: 56 Resp: 12704
Ion Ratio Lower Upper
56 100
69 176.3 25.0 37.6#
84 116.5 62.5 93.7#

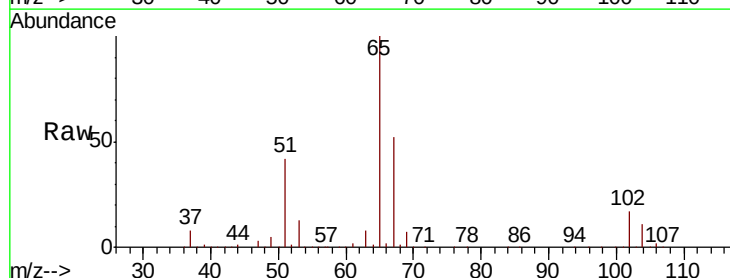


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

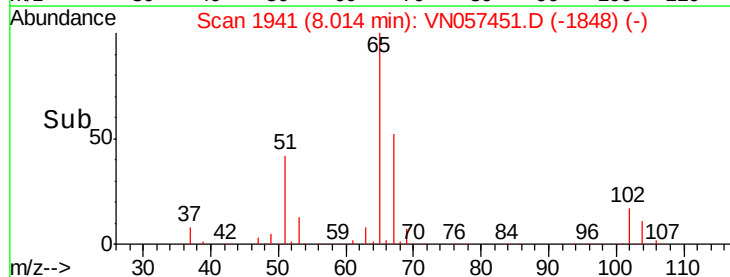
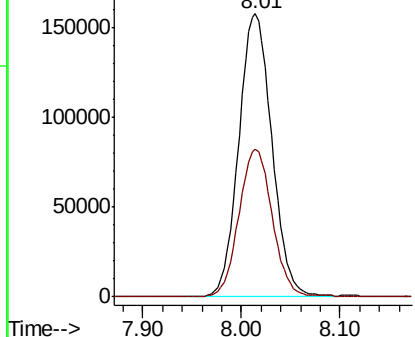


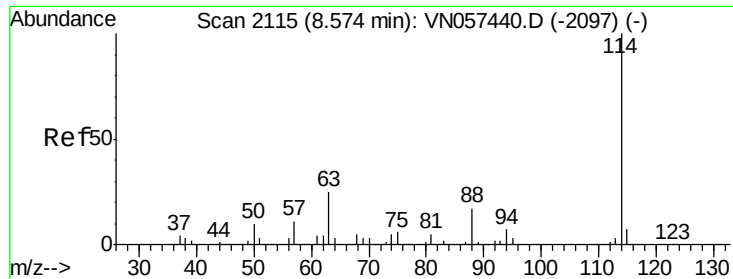
#33
1,2-Dichloroethane-d4
Concen: 46.733 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VN057451.D
Acq: 22 Aug 2019 23:23

Tgt Ion: 65 Resp: 368054
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.8



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

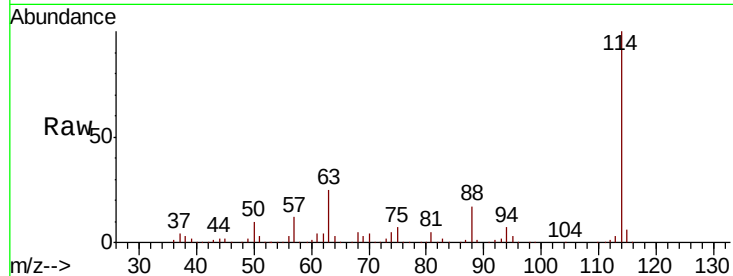




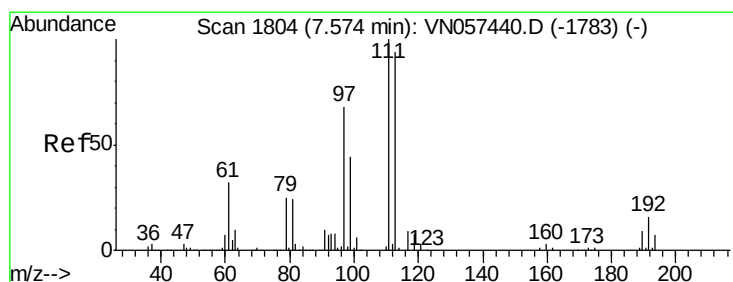
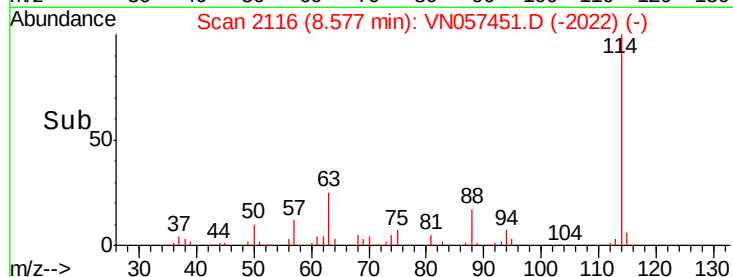
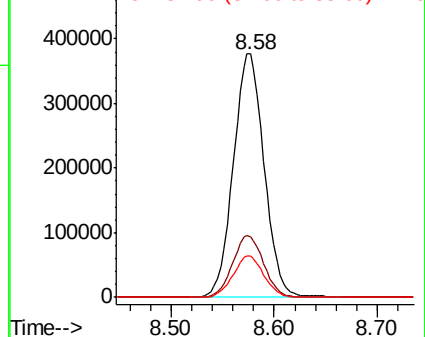
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057451.D
 Acq: 22 Aug 2019 23:23

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-I(2.5)

Tgt Ion:114 Resp: 782931
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 50.2
 88 16.8 0.0 34.6

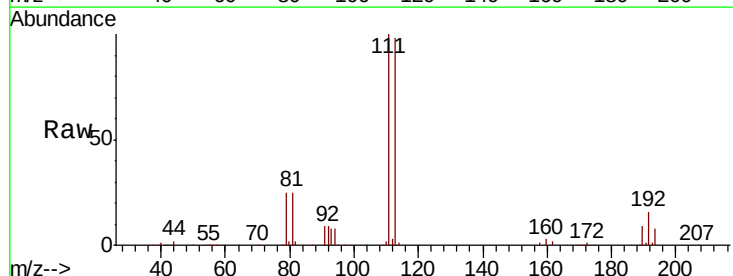


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

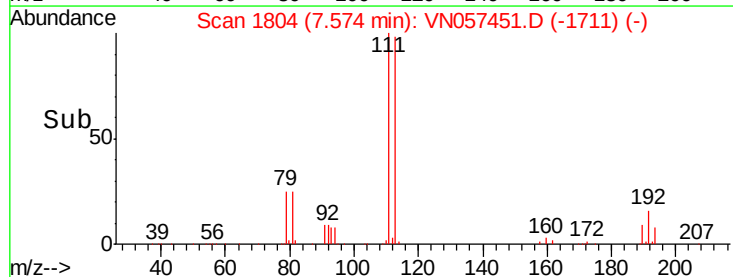
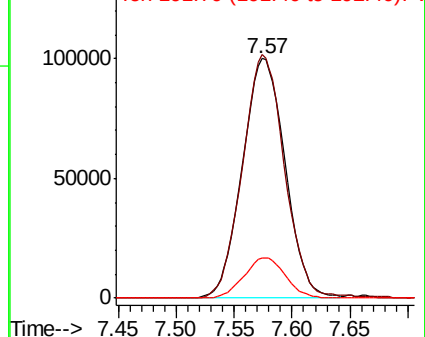


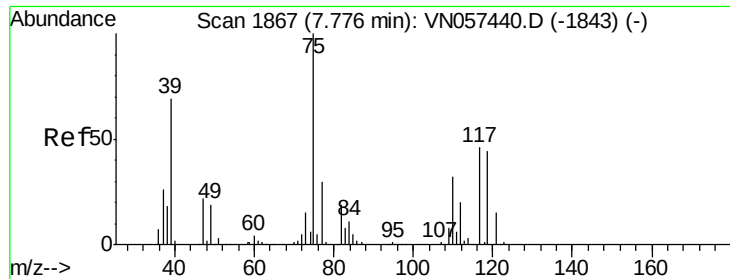
#35
 Dibromofluoromethane
 Concen: 48.522 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN057451.D
 Acq: 22 Aug 2019 23:23

Tgt Ion:113 Resp: 256603
 Ion Ratio Lower Upper
 113 100
 111 100.3 83.8 125.6
 192 16.3 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

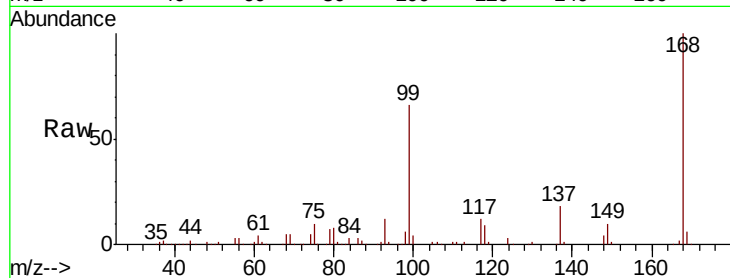




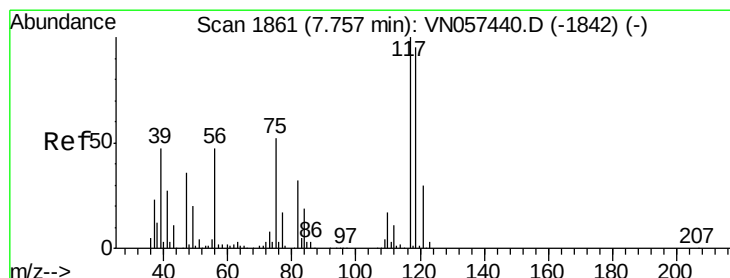
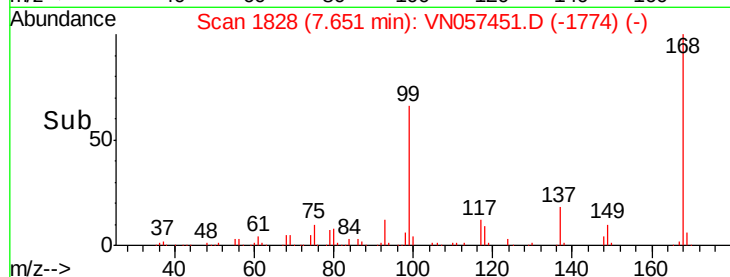
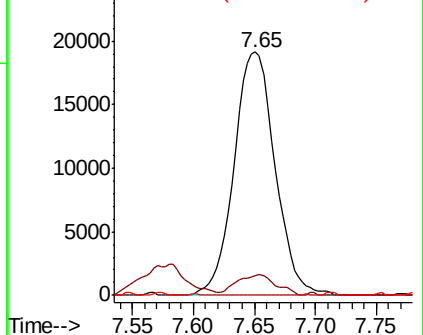
#36
 1,1-Dichloropropene
 Concen: 5.558 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057451.D
 Acq: 22 Aug 2019 23:23

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-I(2.5)

Tgt Ion: 75 Resp: 44464
 Ion Ratio Lower Upper
 75 100
 110 8.2 16.1 48.3#
 77 0.0 24.8 37.2#

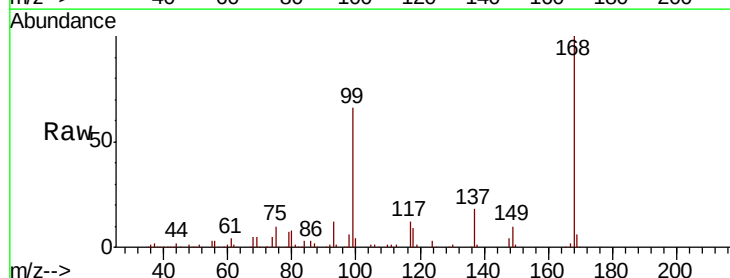


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

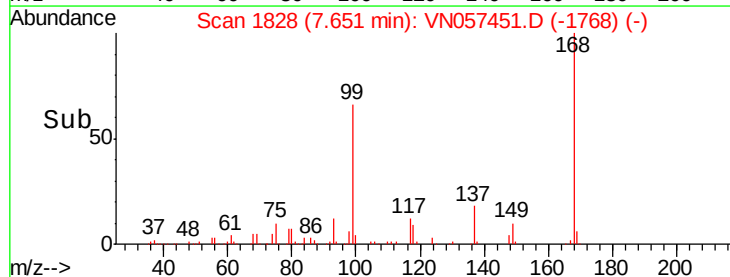
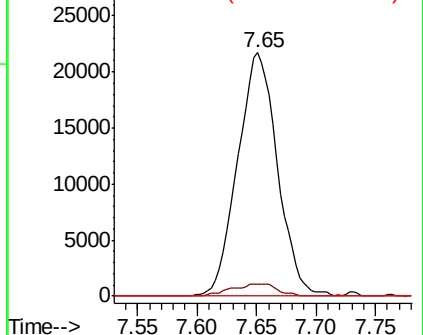


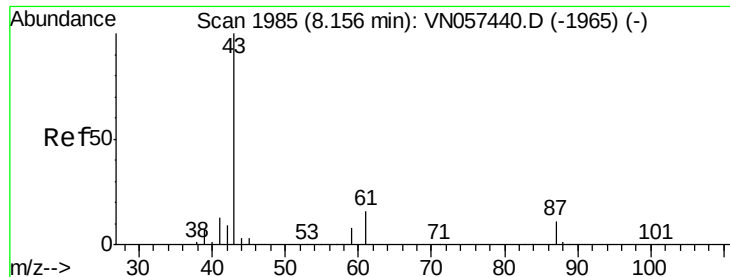
#38
 Carbon Tetrachloride
 Concen: 6.340 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.11 min
 Lab File: VN057451.D
 Acq: 22 Aug 2019 23:23

Tgt Ion: 117 Resp: 50385
 Ion Ratio Lower Upper
 117 100
 119 4.8 76.2 114.4#
 121 0.0 23.8 35.6#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 8.256 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN057451.D

Acq: 22 Aug 2019 23:23

Instrument :

MSVOA_N

ClientSampleId :

T1-I(2.5)

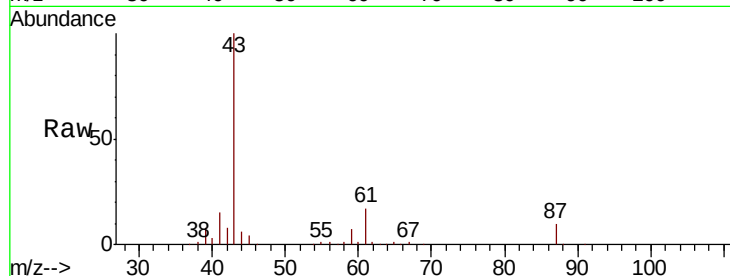
Tgt Ion: 43 Resp: 119672

Ion Ratio Lower Upper

43 100

61 17.4 14.5 21.7

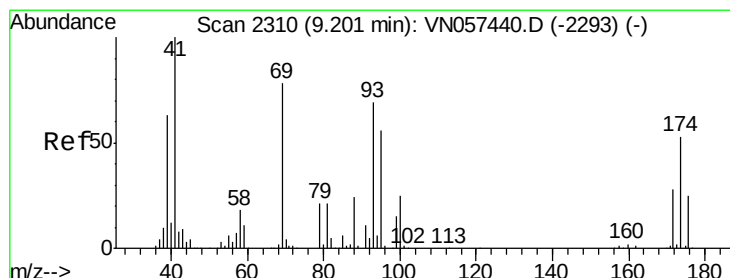
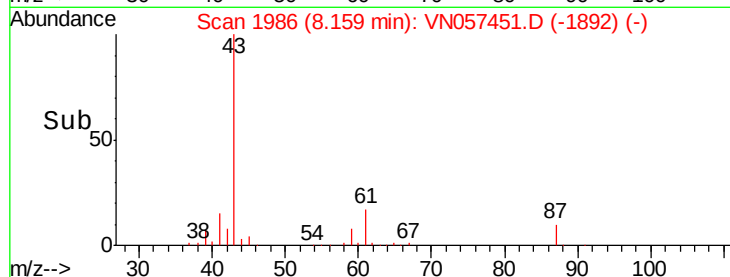
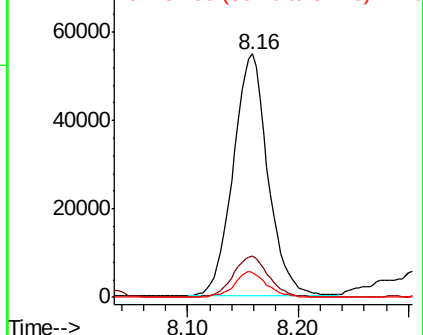
87 9.7 8.6 12.8



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: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN057451.D

Acq: 22 Aug 2019 23:23

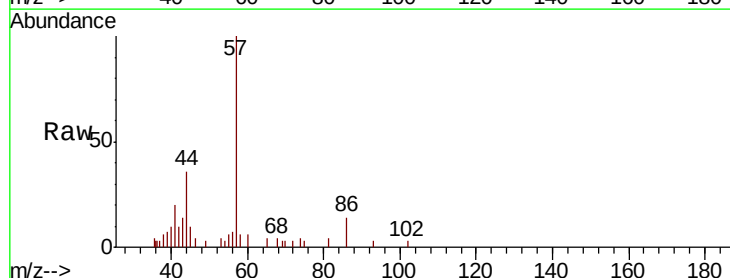
Tgt Ion: 93 Resp: 100

Ion Ratio Lower Upper

93 100

95 0.0 64.7 97.1#

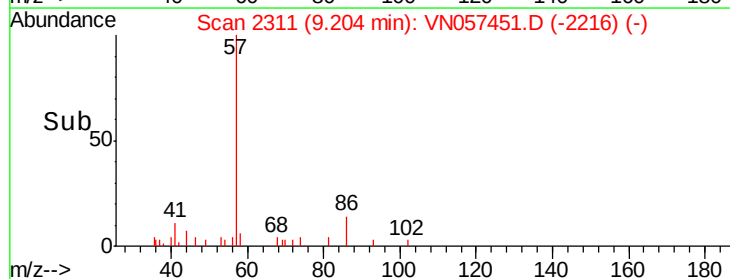
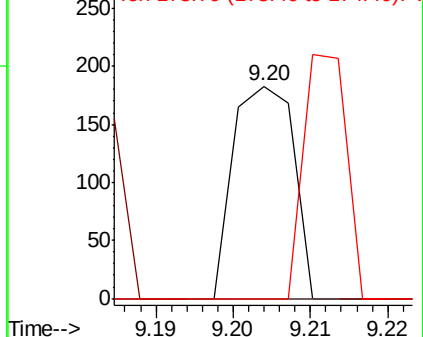
174 80.0 62.3 93.5

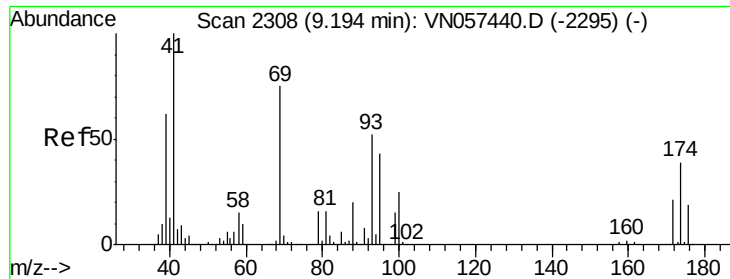


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

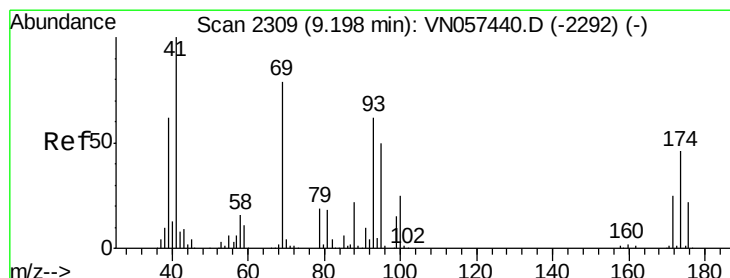
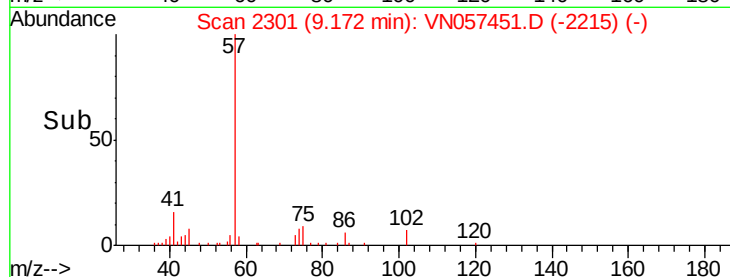
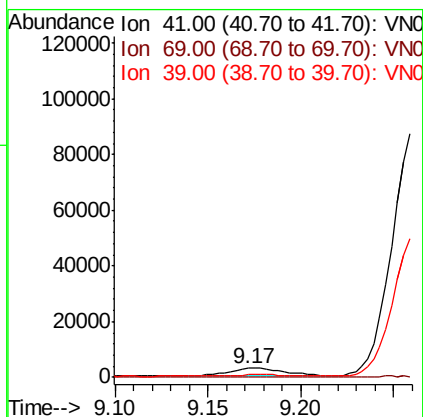
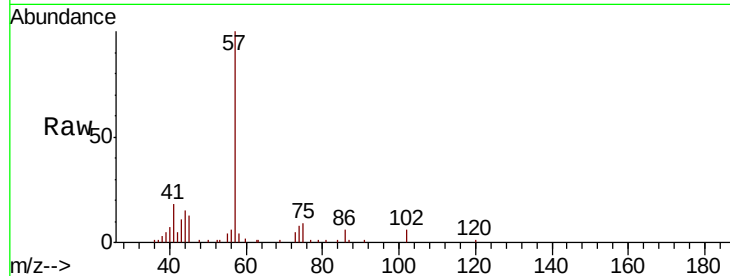




#48
Methyl methacrylate
Concen: 0.893 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.02 min
Lab File: VN057451.D
Acq: 22 Aug 2019 23:23

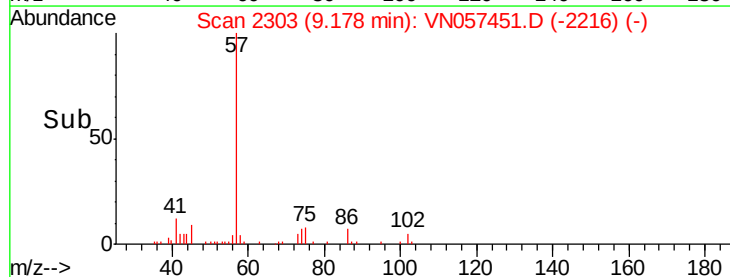
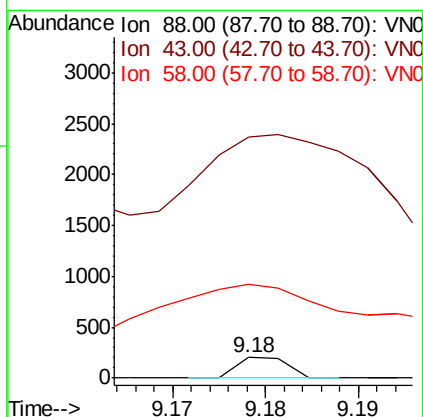
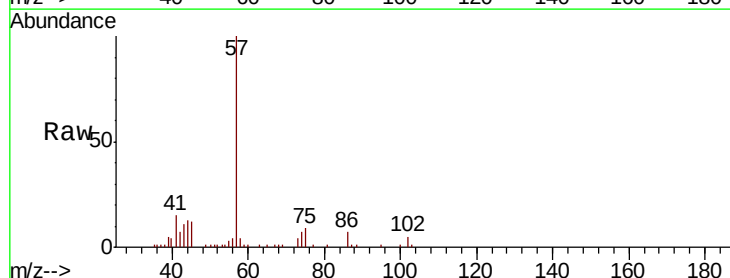
Instrument :
MSVOA_N
ClientSampled :
T1-I(2.5)

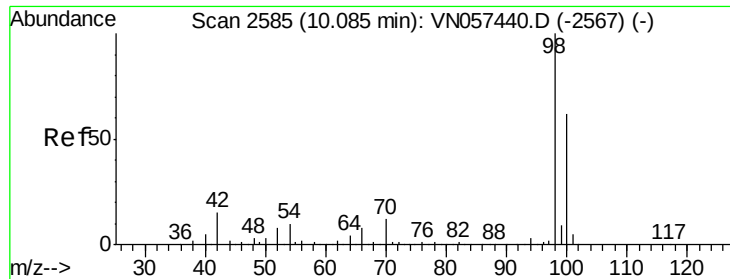
Tgt Ion: 41 Resp: 6154
Ion Ratio Lower Upper
41 100
69 4.9 59.3 88.9#
39 0.0 50.6 75.8#



#49
1,4-Dioxane
Concen: 0.853 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN057451.D
Acq: 22 Aug 2019 23:23

Tgt Ion: 88 Resp: 76
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.6#
58 2759.2 64.5 96.7#





#50

Toluene-d8

Concen: 49.047 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057451.D

Acq: 22 Aug 2019 23:23

Instrument :

MSVOA_N

ClientSampled :

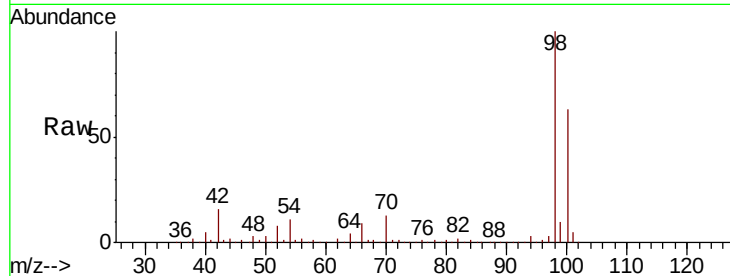
T1-I(2.5)

Tgt Ion: 98 Resp: 980762

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

10.08

600000

500000

400000

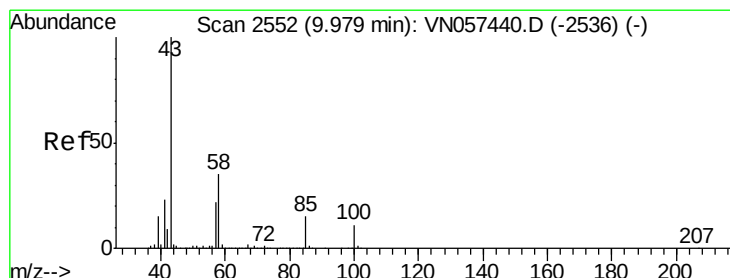
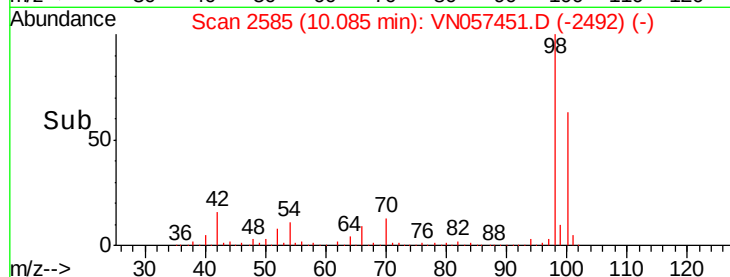
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.729 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. -0.00 min

Lab File: VN057451.D

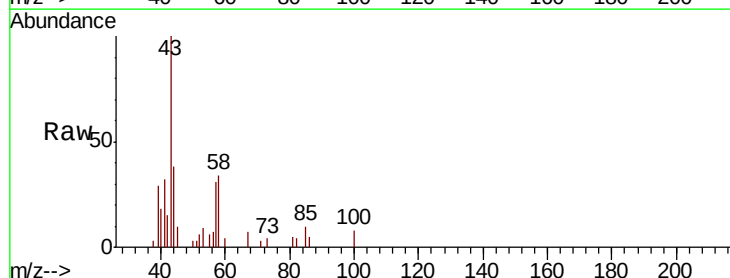
Acq: 22 Aug 2019 23:23

Tgt Ion: 43 Resp: 5885

Ion Ratio Lower Upper

43 100

58 52.9 27.9 41.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10000

8000

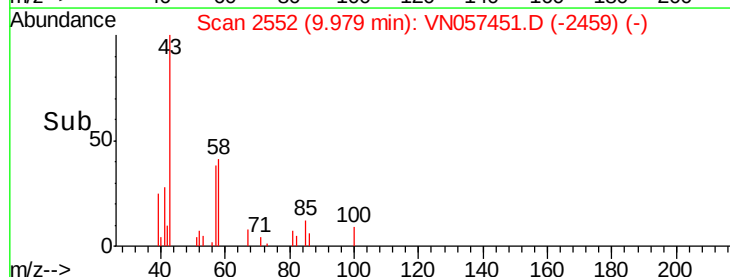
6000

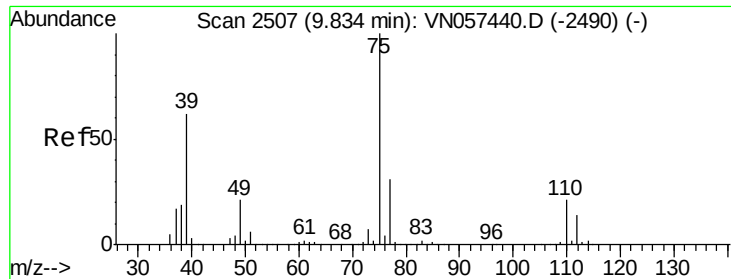
4000

2000

0

Time-->





#54

cis-1,3-Dichloropropene

Concen: 4.167 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.07 min

Lab File: VN057451.D

Acq: 22 Aug 2019 23:23

Instrument :

MSVOA_N

ClientSampleId :

T1-I-(2.5)

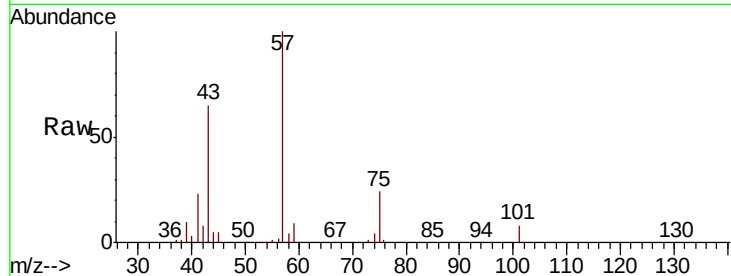
Tgt Ion: 75 Resp: 43359

Ion Ratio Lower Upper

75 100

77 1.1 25.0 37.6#

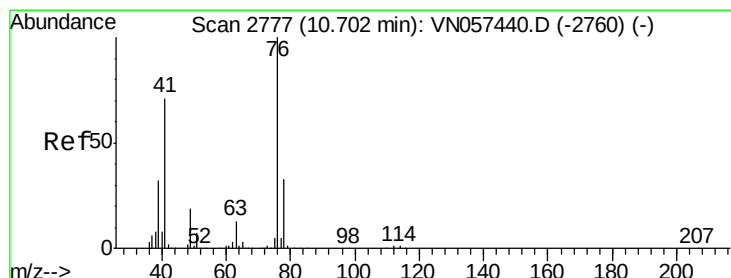
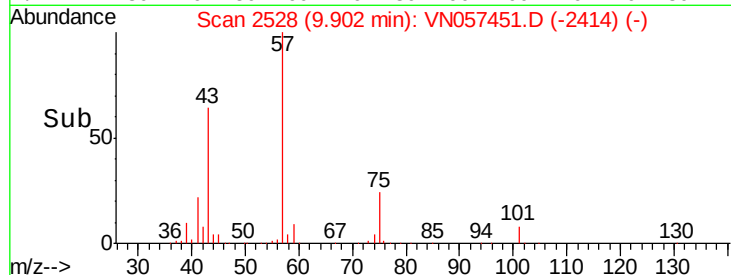
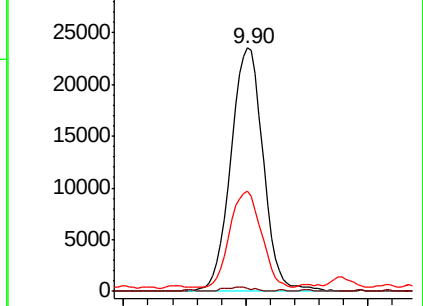
39 39.5 49.2 73.8#



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: 0.677 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN057451.D

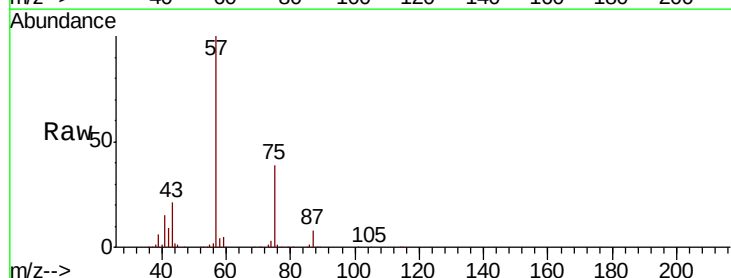
Acq: 22 Aug 2019 23:23

Tgt Ion: 76 Resp: 6595

Ion Ratio Lower Upper

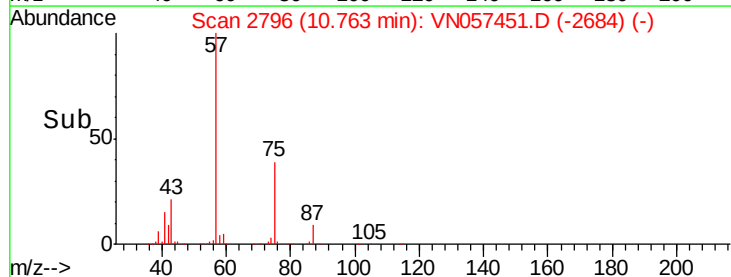
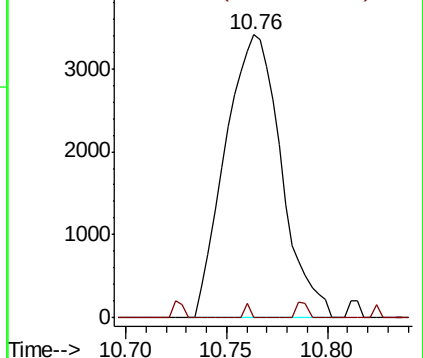
76 100

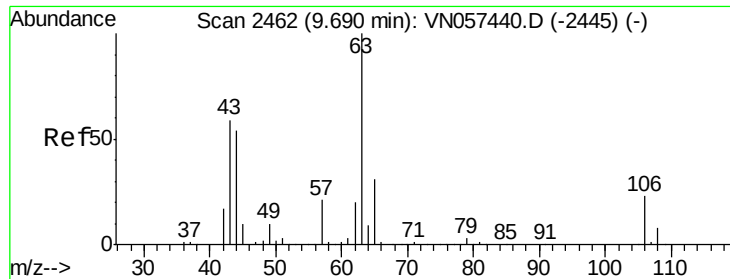
78 0.5 25.5 38.3#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

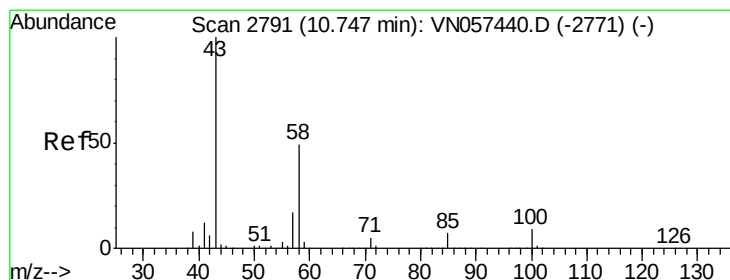
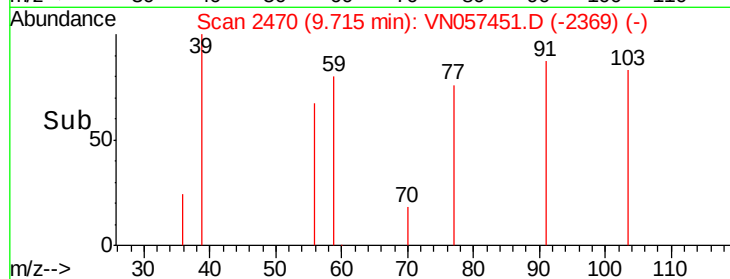
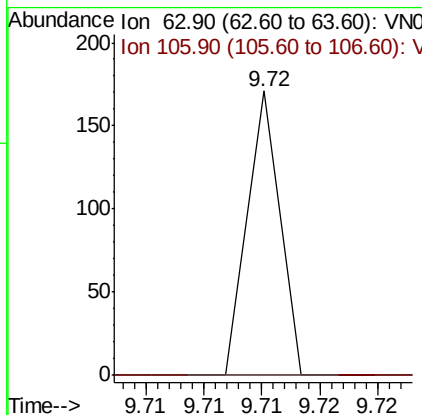
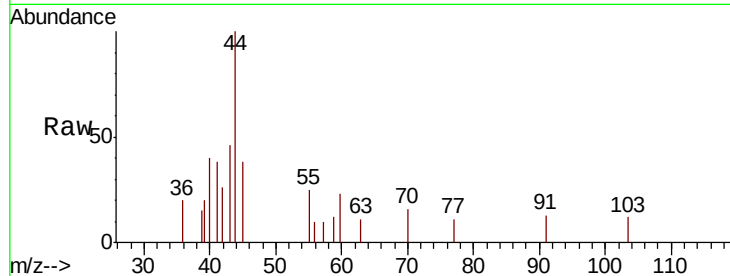




#58
 2-Chloroethyl Vinyl ether
 Concen: 17.077 ug/l
 RT: 9.72 min Scan# 2470
 Delta R.T. 0.03 min
 Lab File: VN057451.D
 Acq: 22 Aug 2019 23:23

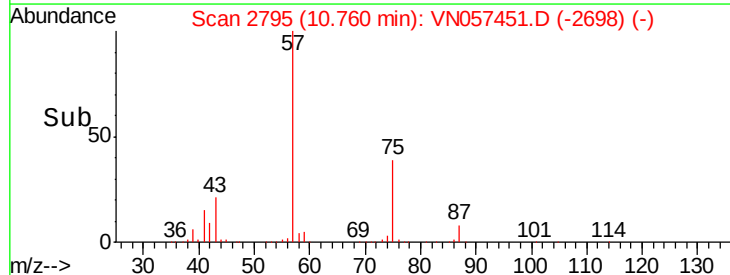
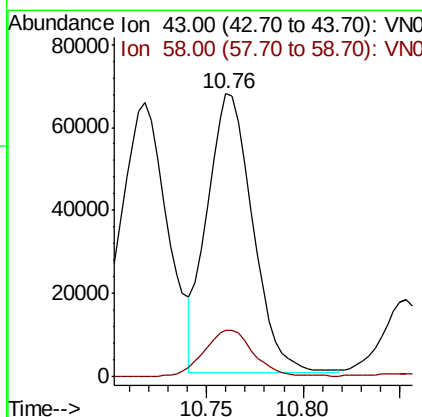
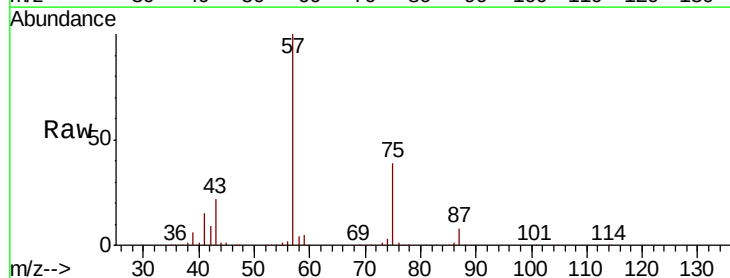
Instrument :
 MSVOA_N
 ClientSampleId :
 T1-I(2.5)

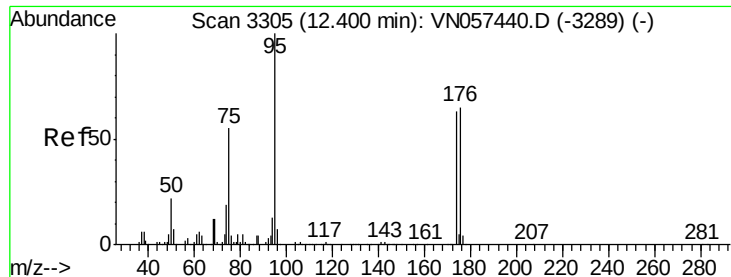
Tgt Ion: 63 Resp: 33
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.6 27.8#



#59
 2-Hexanone
 Concen: 19.759 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: VN057451.D
 Acq: 22 Aug 2019 23:23

Tgt Ion: 43 Resp: 109479
 Ion Ratio Lower Upper
 43 100
 58 18.6 24.6 73.6#





#62

4-Bromofluorobenzene

Concen: 37.842 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057451.D

Acq: 22 Aug 2019 23:23

Instrument :

MSVOA_N

ClientSampleId :

T1-I-(2.5)

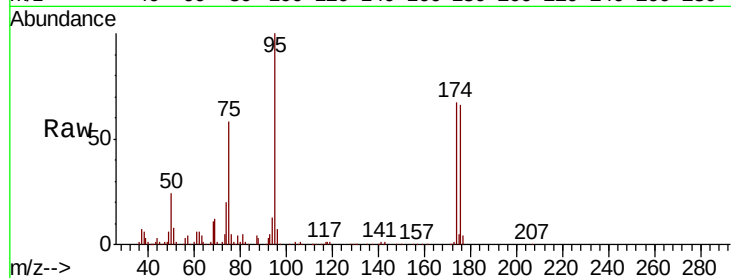
Tgt Ion: 95 Resp: 256435

Ion Ratio Lower Upper

95 100

174 68.2 0.0 133.0

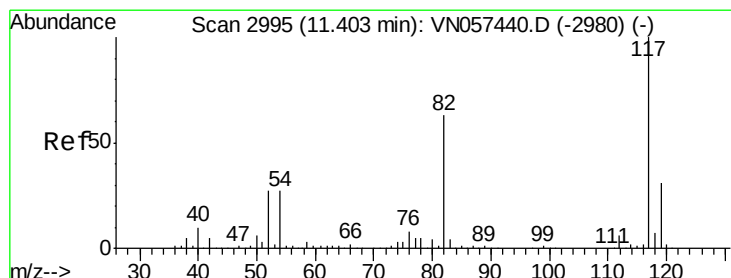
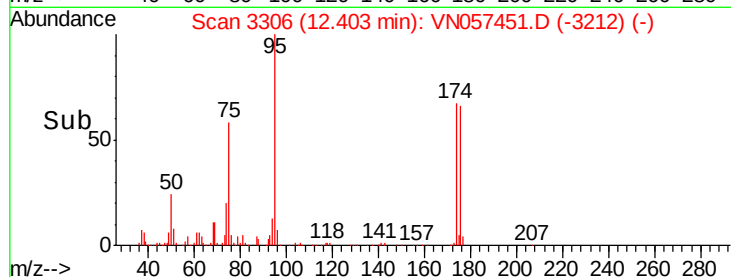
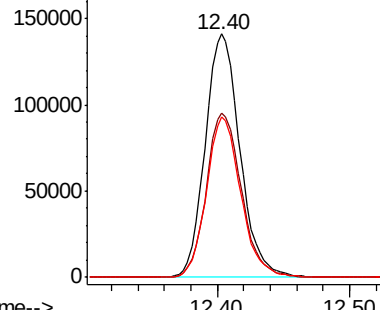
176 65.1 0.0 130.8



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: VN057451.D

Acq: 22 Aug 2019 23:23

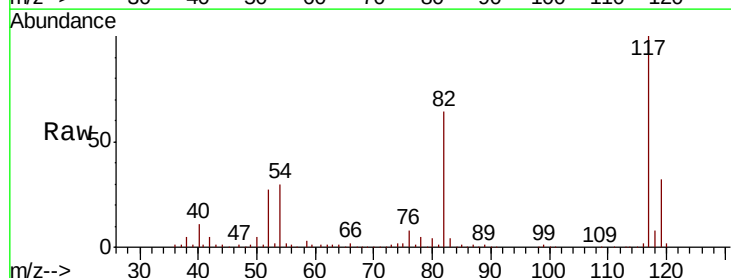
Tgt Ion: 117 Resp: 625541

Ion Ratio Lower Upper

117 100

82 64.0 50.6 75.8

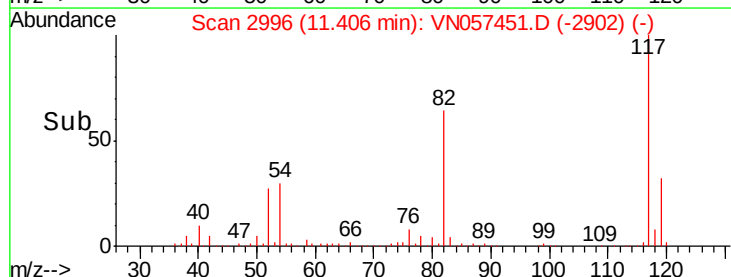
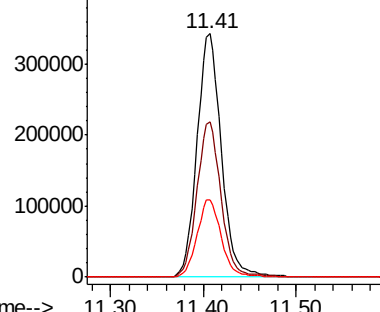
119 31.7 24.6 36.8

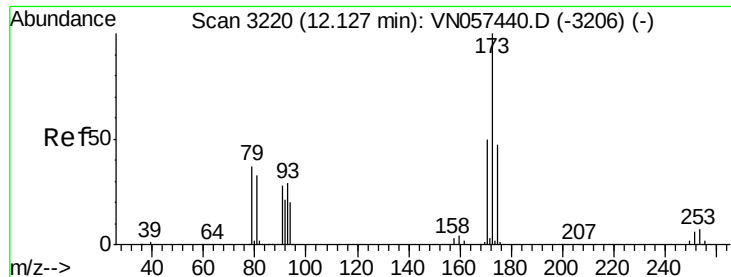


Abundance Ion 116.90 (116.60 to 117.60): VN057440.D (-2980) (-)

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

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





#71

Bromoform

Concen: 0.347 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN057451.D

Acq: 22 Aug 2019 23:23

Instrument :

MSVOA_N

ClientSampleId :

T1-I(2.5)

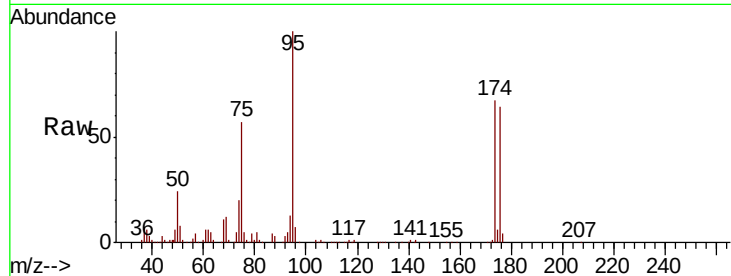
Tgt Ion:173 Resp: 1139

Ion Ratio Lower Upper

173 100

175 928.8 23.9 71.8#

254 0.0 0.1 0.1#

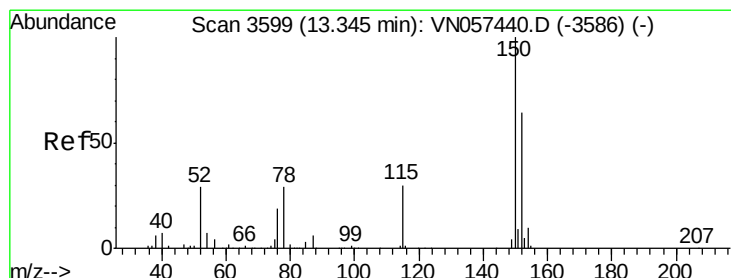
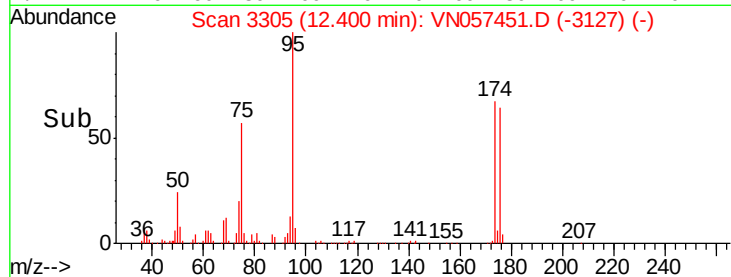
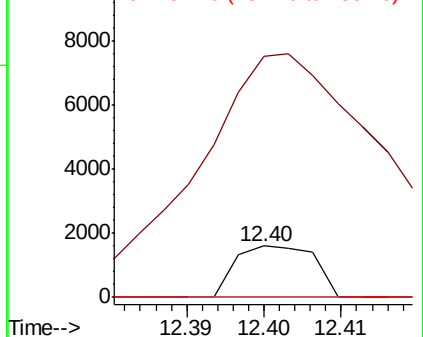


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057451.D

Acq: 22 Aug 2019 23:23

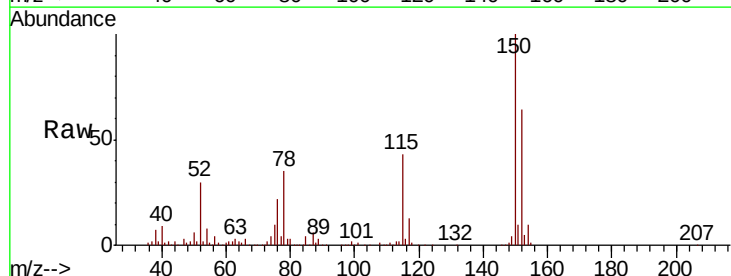
Tgt Ion:152 Resp: 145861

Ion Ratio Lower Upper

152 100

115 66.1 32.0 96.0

150 155.4 0.0 346.6

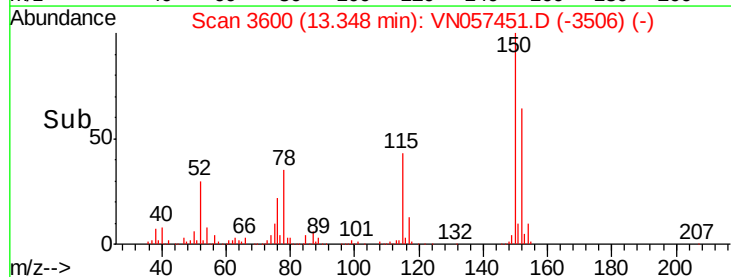
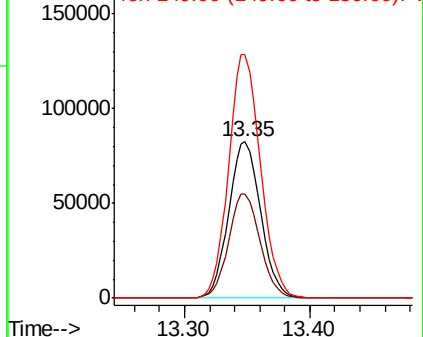


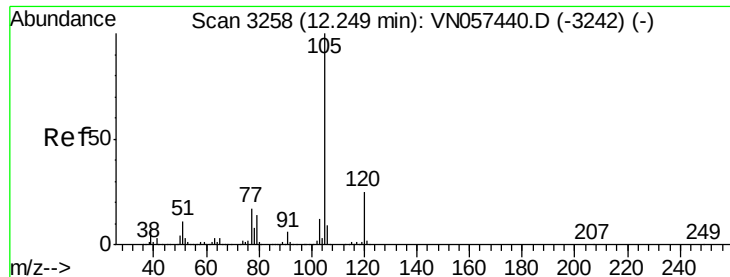
Abundance

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: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN057451.D

Acq: 22 Aug 2019 23:23

Instrument :

MSVOA_N

ClientSampleId :

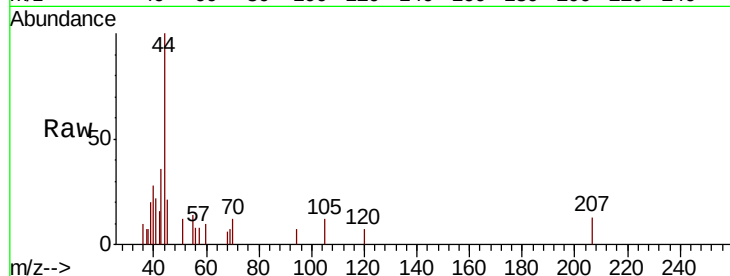
T1-I(2.5)

Tgt Ion: 105 Resp: 234

Ion Ratio Lower Upper

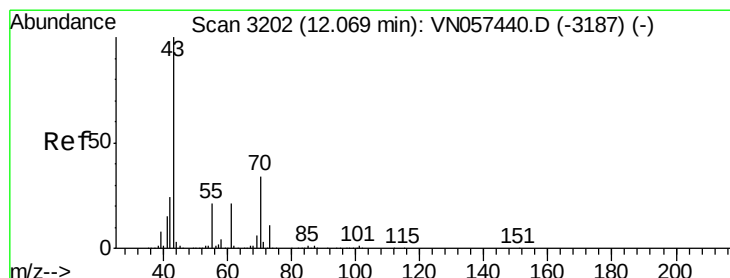
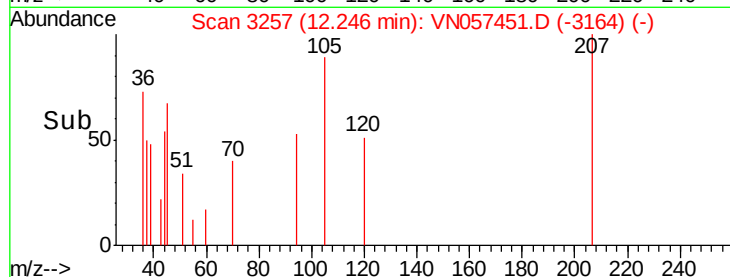
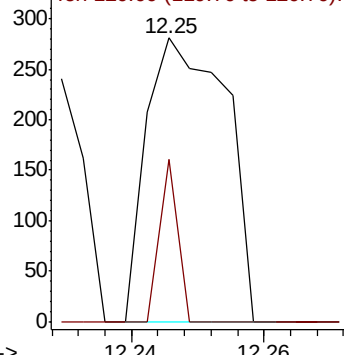
105 100

120 13.2 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-ethyl acetate

Concen: Below Cal

RT: 12.03 min Scan# 3191

Delta R.T. -0.03 min

Lab File: VN057451.D

Acq: 22 Aug 2019 23:23

Tgt Ion: 43 Resp: 4370

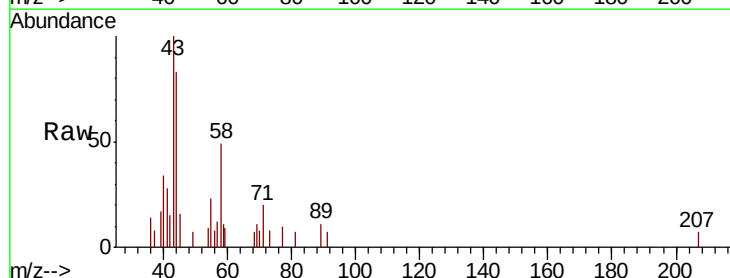
Ion Ratio Lower Upper

43 100

70 1.6 27.8 41.6#

55 8.4 17.0 25.4#

61 0.0 17.0 25.6#

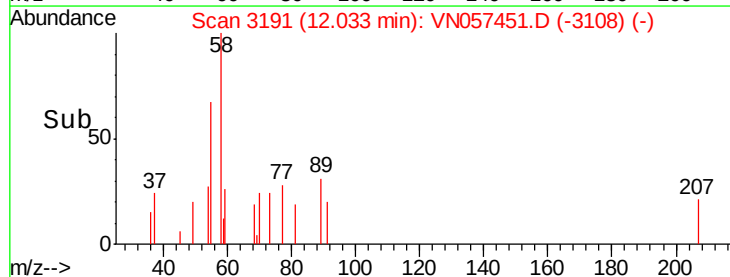
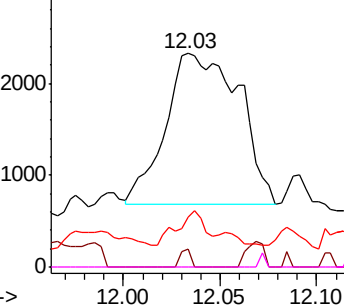


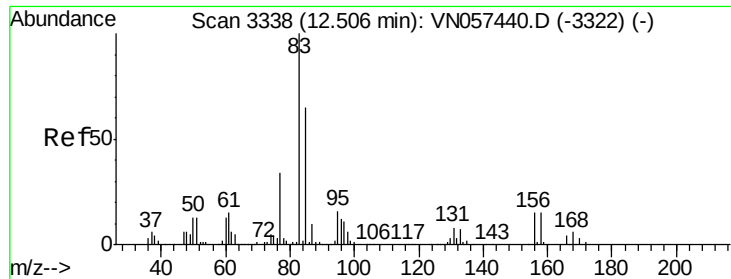
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

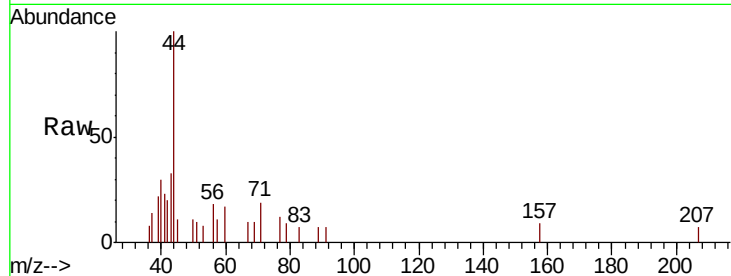




#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.53 min Scan# 3345
 Delta R.T. 0.02 min
 Lab File: VN057451.D
 Acq: 22 Aug 2019 23:23

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-I-(2.5)

Tgt Ion: 83 Resp: 30
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.3 13.1#
 85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 130.80 (130.50 to 131.50): V
 Ion 84.90 (84.60 to 85.60): VN0

12.53

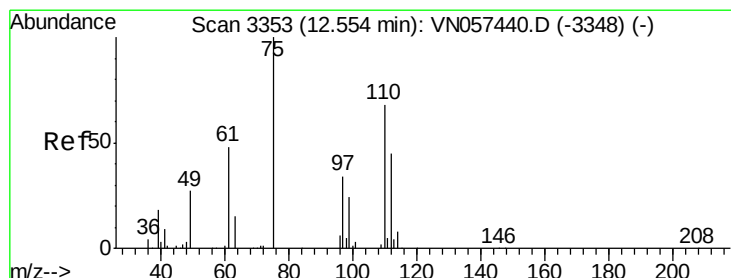
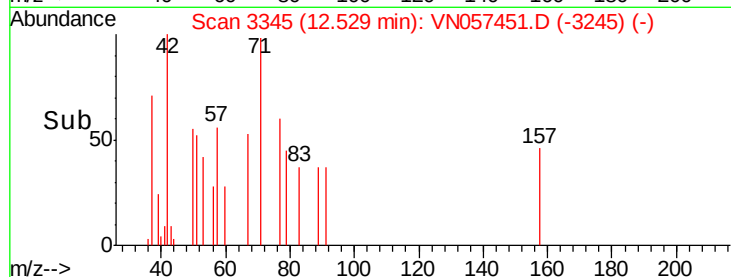
150

100

50

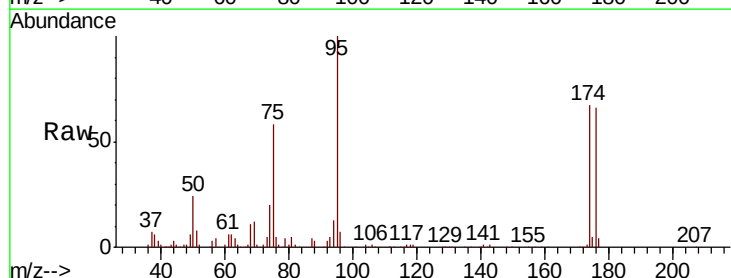
0

Time-->



#76
 1,2,3-Trichloropropane
 Concen: 45.628 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN057451.D
 Acq: 22 Aug 2019 23:23

Tgt Ion: 75 Resp: 148366
 Ion Ratio Lower Upper
 75 100
 77 0.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 77.00 (76.70 to 77.70): VN0

12.40

80000

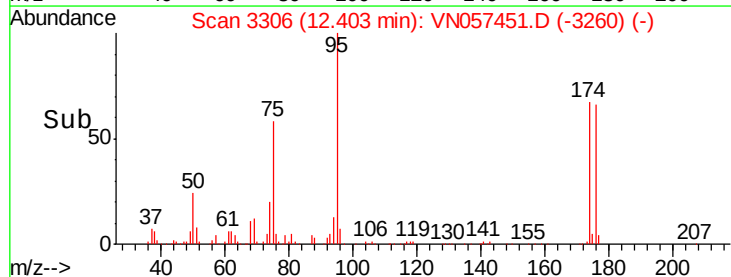
60000

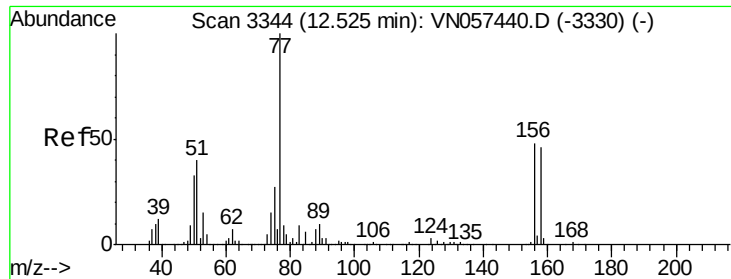
40000

20000

0

Time-->





#77

Bromobenzene

Concen: Below Cal

RT: 12.41 min Scan# 3308

Delta R.T. -0.12 min

Lab File: VN057451.D

Acq: 22 Aug 2019 23:23

Instrument :

MSVOA_N

ClientSampleId :

T1-I(2.5)

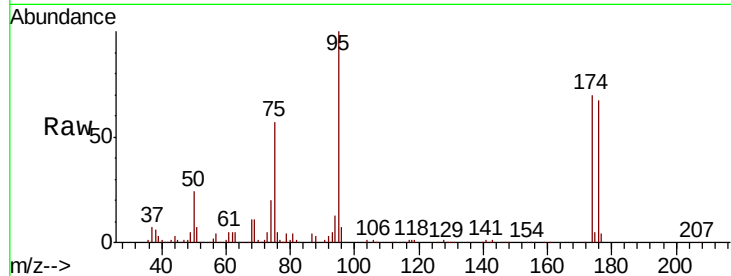
Tgt Ion:156 Resp: 119

Ion Ratio Lower Upper

156 100

77 780.7 124.4 373.3#

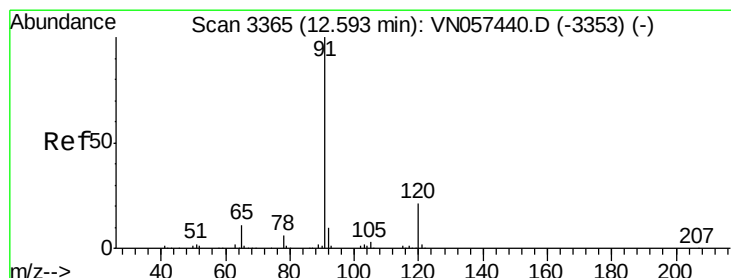
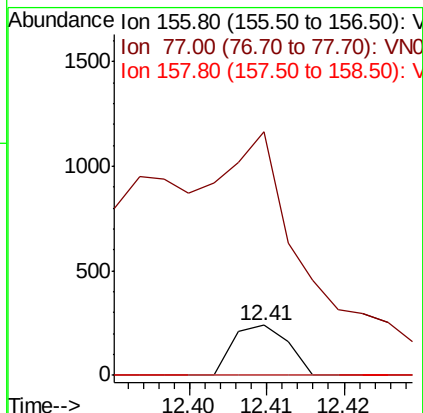
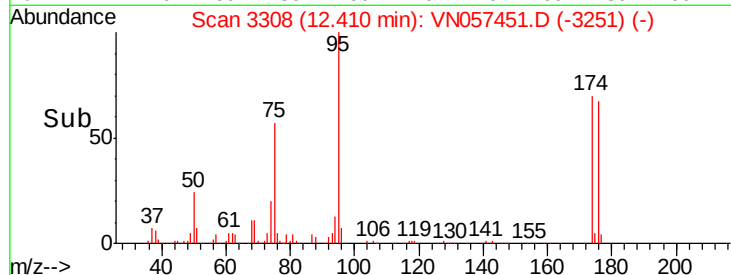
158 0.0 48.3 144.8#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: Below Cal

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN057451.D

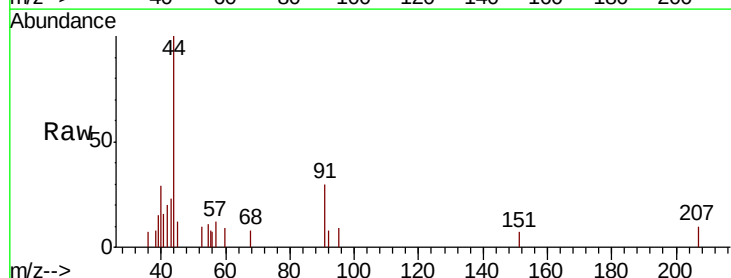
Acq: 22 Aug 2019 23:23

Tgt Ion: 91 Resp: 1175

Ion Ratio Lower Upper

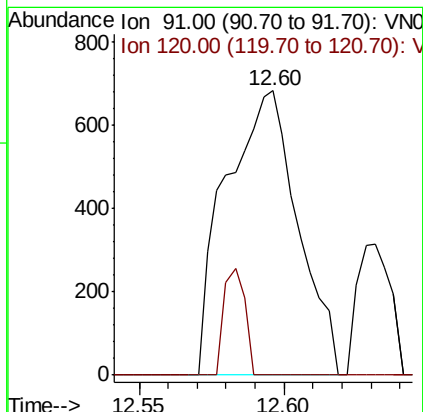
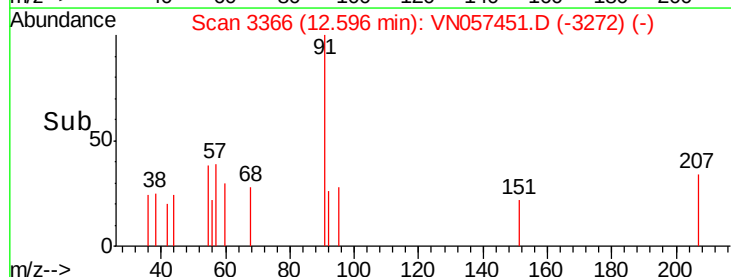
91 100

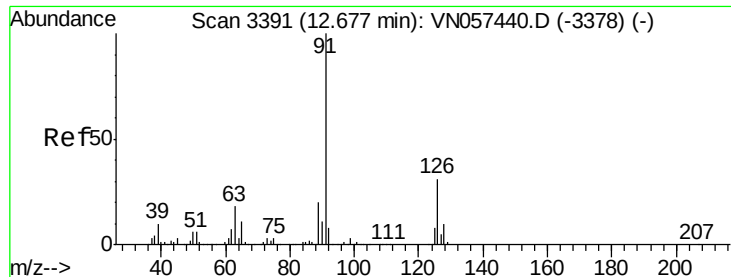
120 10.8 10.7 32.1



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: 12.67 min Scan# 3389

Delta R.T. -0.01 min

Lab File: VN057451.D

Acq: 22 Aug 2019 23:23

Instrument :

MSVOA_N

ClientSampled :

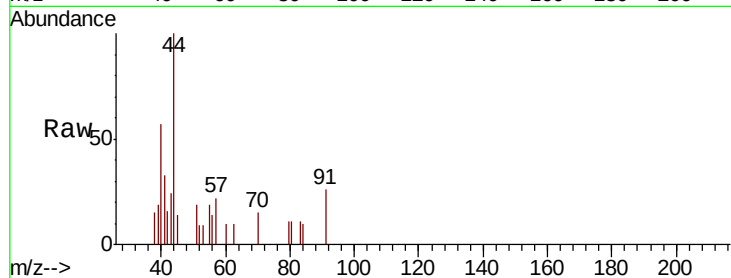
T1-I(2.5)

Tgt Ion: 91 Resp: 571

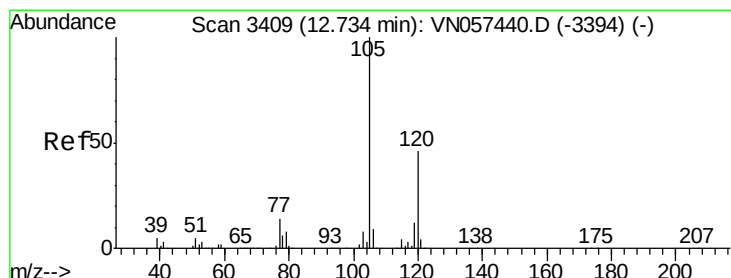
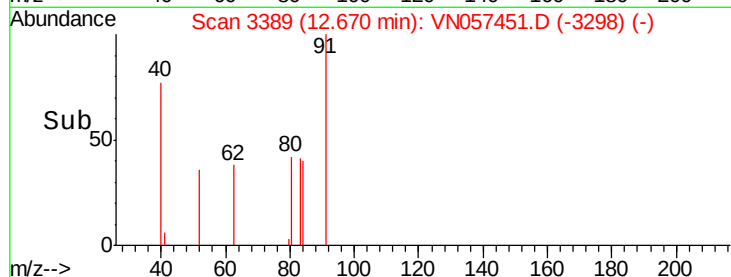
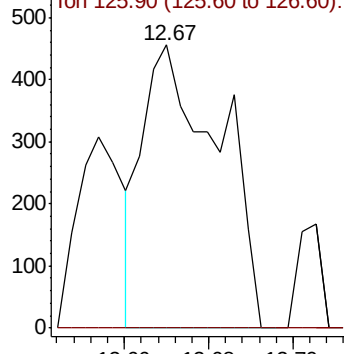
Ion Ratio Lower Upper

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: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN057451.D

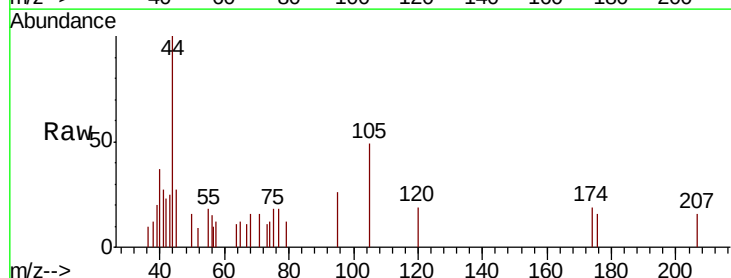
Acq: 22 Aug 2019 23:23

Tgt Ion: 105 Resp: 1419

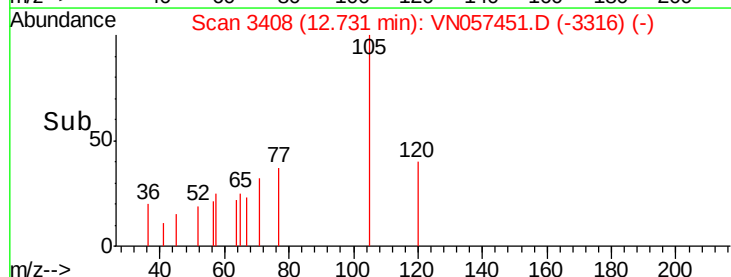
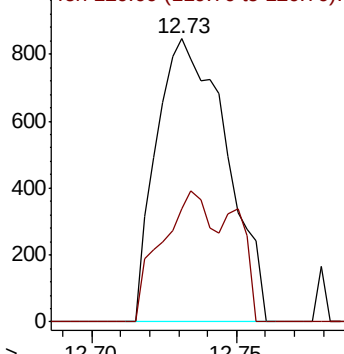
Ion Ratio Lower Upper

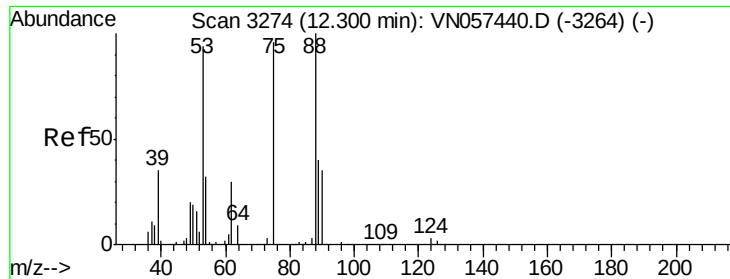
105 100

120 34.8 23.3 69.8



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





#81

trans-1,4-Dichloro-2-butene

Concen: 116.868 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057451.D

Acq: 22 Aug 2019 23:23

Instrument :

MSVOA_N

ClientSampled :

T1-I(2.5)

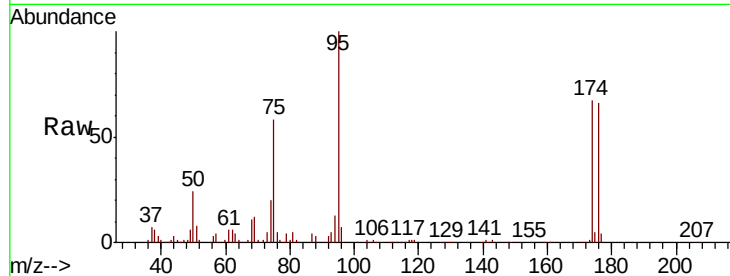
Tgt Ion: 75 Resp: 148366

Ion Ratio Lower Upper

75 100

53 0.1 82.7 124.1#

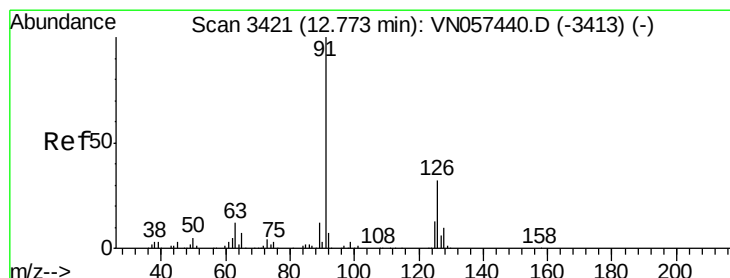
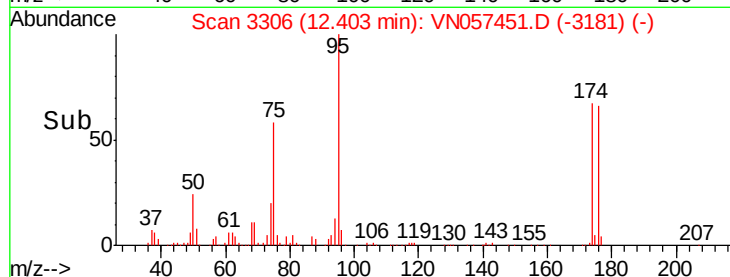
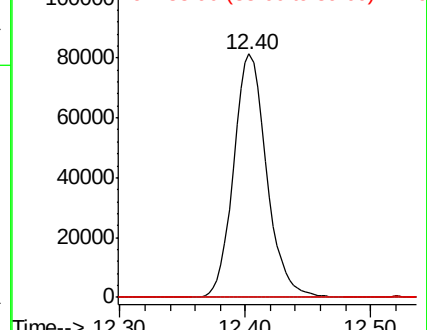
89 0.0 35.8 53.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: Below Cal

RT: 12.99 min Scan# 3490

Delta R.T. 0.22 min

Lab File: VN057451.D

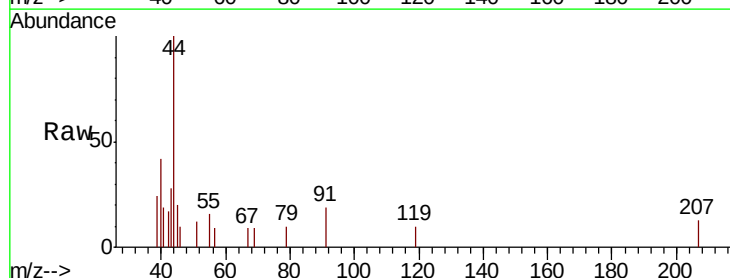
Acq: 22 Aug 2019 23:23

Tgt Ion: 91 Resp: 290

Ion Ratio Lower Upper

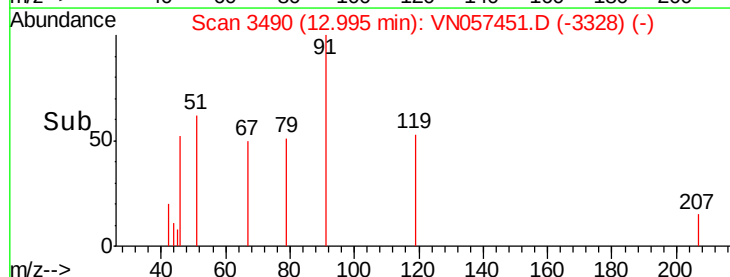
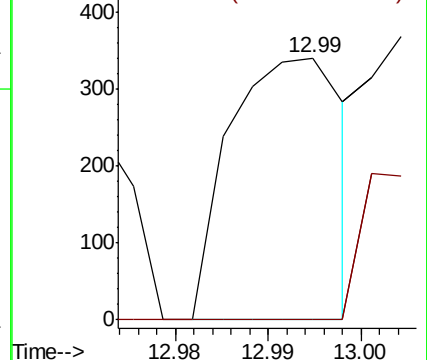
91 100

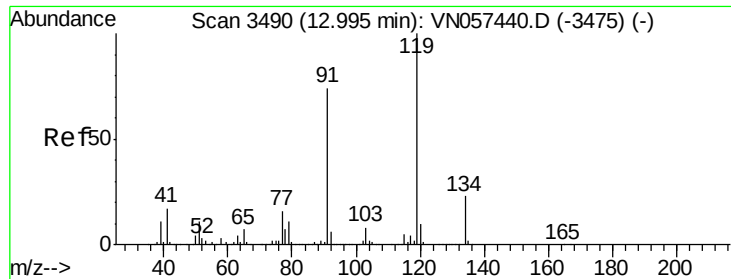
126 25.2 15.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

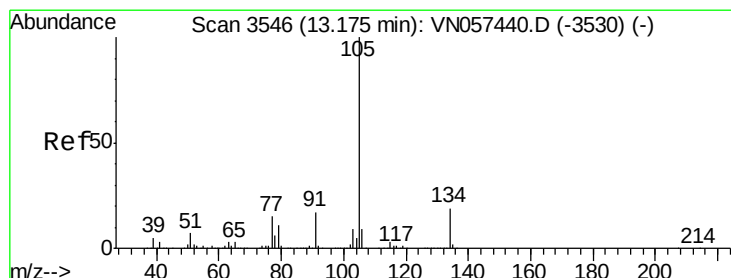
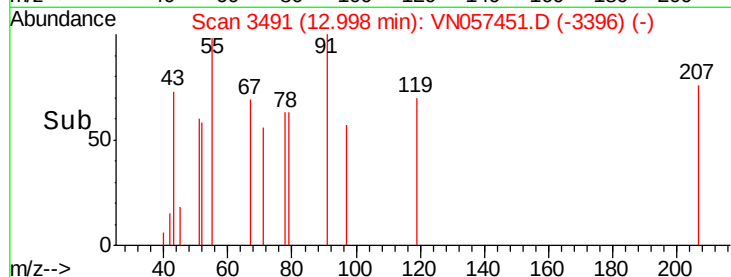
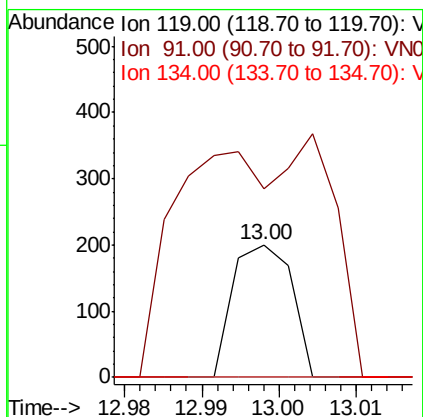
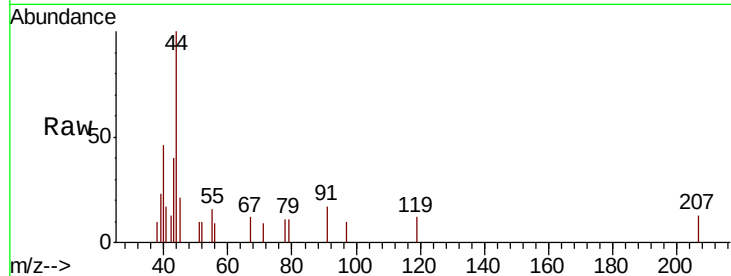




#83
tert-Butylbenzene
Concen: Below Cal
RT: 13.00 min Scan# 3491
Delta R.T. 0.00 min
Lab File: VN057451.D
Acq: 22 Aug 2019 23:23

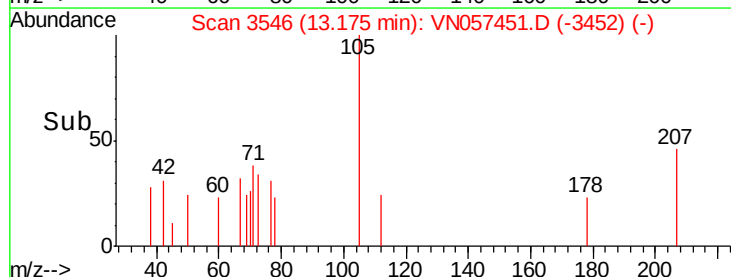
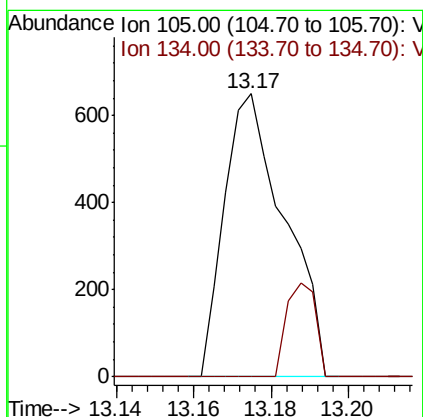
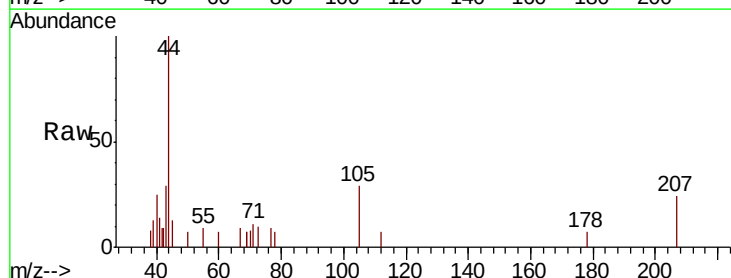
Instrument :
MSVOA_N
ClientSampleId :
T1-I(2.5)

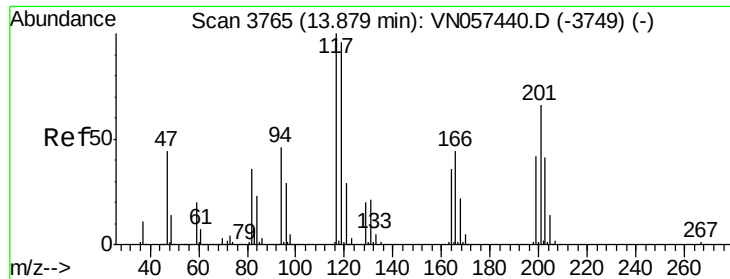
Tgt Ion:119 Resp: 106
Ion Ratio Lower Upper
119 100
91 273.6 37.0 111.0#
134 0.0 12.2 36.6#



#85
sec-Butylbenzene
Concen: Below Cal
RT: 13.17 min Scan# 3546
Delta R.T. 0.00 min
Lab File: VN057451.D
Acq: 22 Aug 2019 23:23

Tgt Ion:105 Resp: 704
Ion Ratio Lower Upper
105 100
134 16.1 9.3 27.9





#90

Hexachloroethane

Concen: Below Cal

RT: 13.95 min Scan# 3788

Delta R.T. 0.07 min

Lab File: VN057451.D

Acq: 22 Aug 2019 23:23

Instrument :

MSVOA_N

ClientSampled :

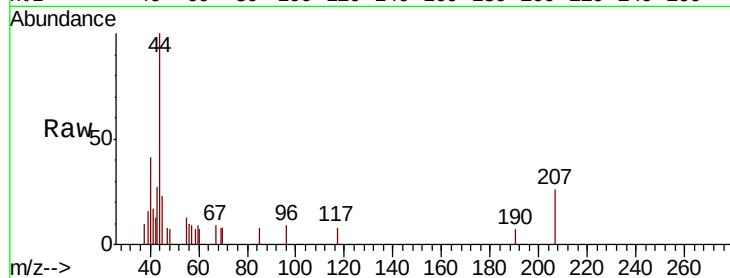
T1-I(2.5)

Tgt Ion: 117 Resp: 31

Ion Ratio Lower Upper

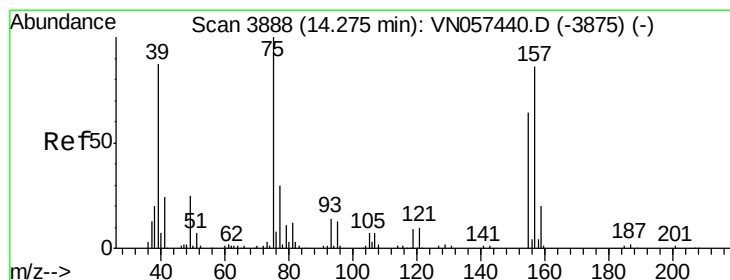
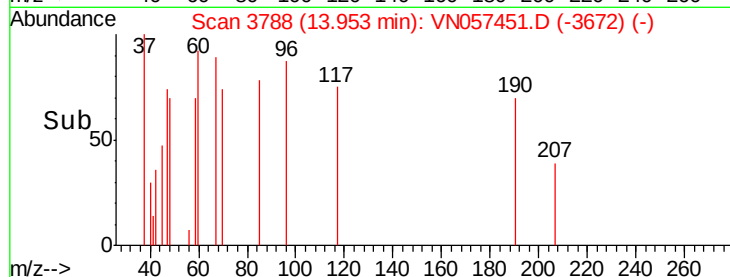
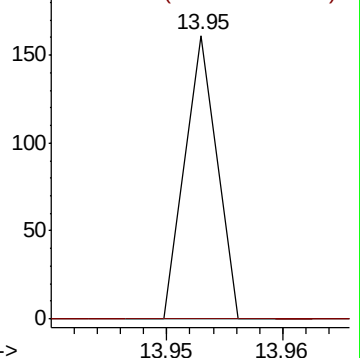
117 100

201 0.0 33.1 99.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.09 min Scan# 3832

Delta R.T. -0.18 min

Lab File: VN057451.D

Acq: 22 Aug 2019 23:23

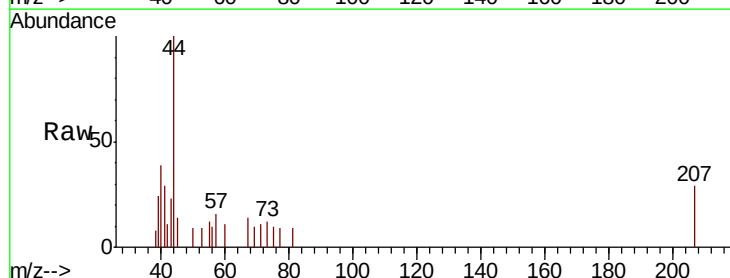
Tgt Ion: 75 Resp: 77

Ion Ratio Lower Upper

75 100

155 0.0 31.6 94.7#

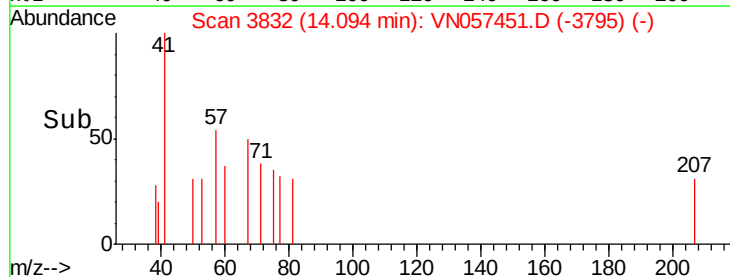
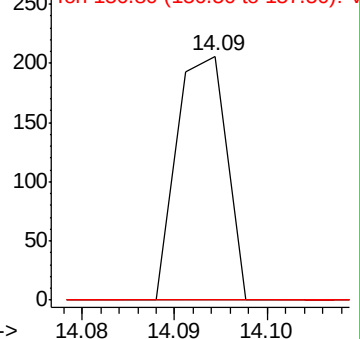
157 0.0 43.3 129.8#

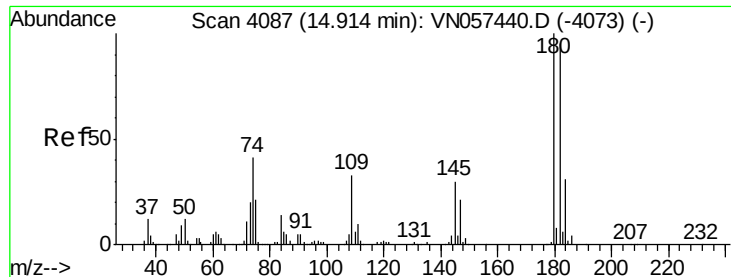


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

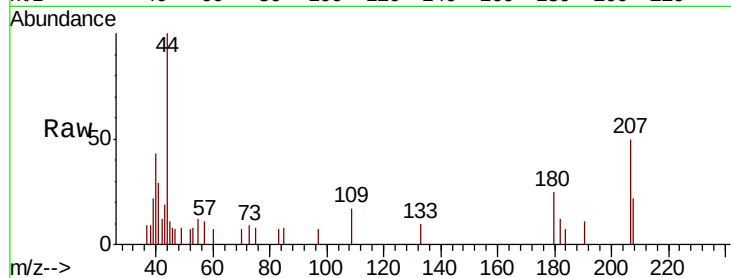




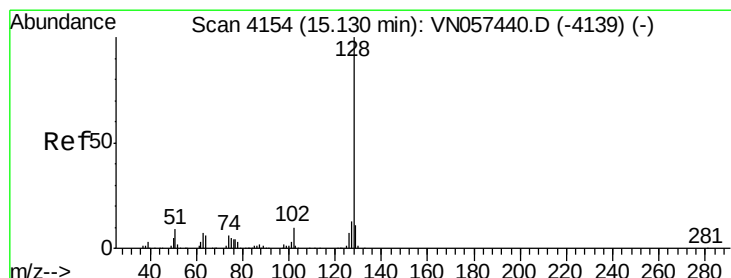
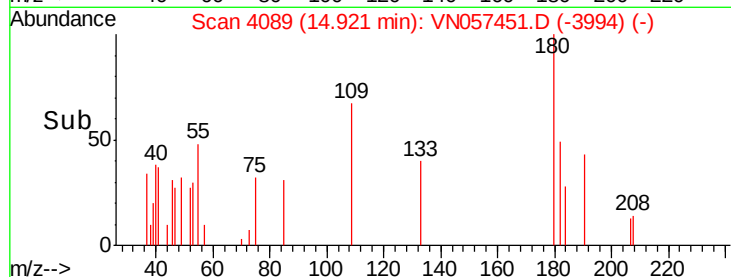
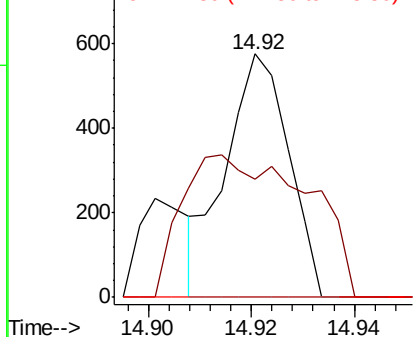
#93
 1,2,4-Trichlorobenzene
 Concen: 5.610 ug/l
 RT: 14.92 min Scan# 4089
 Delta R.T. 0.01 min
 Lab File: VN057451.D
 Acq: 22 Aug 2019 23:23

Instrument :
 MSVOA_N
 ClientSampled :
 T1-I(2.5)

Tgt Ion:180 Resp: 485
 Ion Ratio Lower Upper
 180 100
 182 116.9 46.7 140.1
 145 0.0 15.6 46.8#

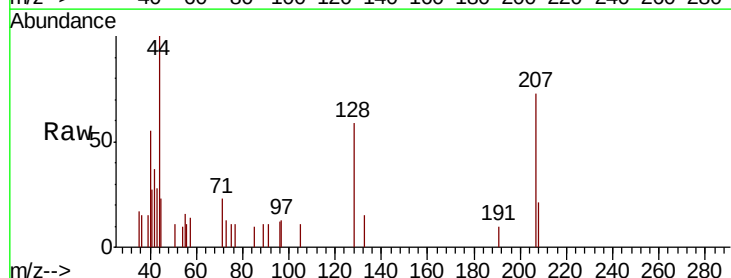


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

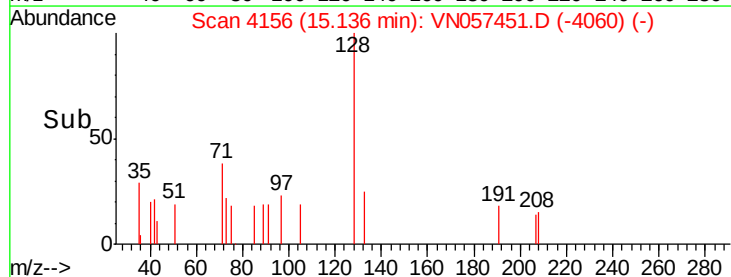
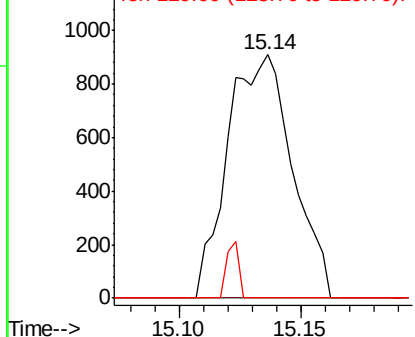


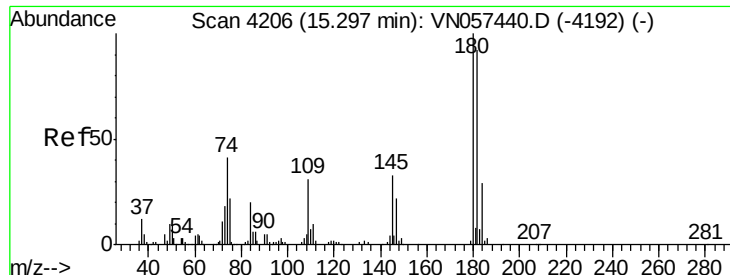
#95
 Naphthalene
 Concen: 4.603 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.01 min
 Lab File: VN057451.D
 Acq: 22 Aug 2019 23:23

Tgt Ion:128 Resp: 1678
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.5 15.7#
 129 4.4 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 5.491 ug/l
 RT: 15.29 min Scan# 4205
 Delta R.T. -0.00 min
 Lab File: VN057451.D
 Acq: 22 Aug 2019 23:23

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-I-(2.5)

Tgt Ion:180 Resp: 762
 Ion Ratio Lower Upper
 180 100
 182 88.7 46.7 140.1
 145 12.9 16.8 50.3#

