

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070819\
 Data File : VN056610.D
 Acq On : 8 Jul 2019 15:31
 Operator : JC/SP
 Sample : K3668-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SHORT-WALL-AREA

Quant Time: Jul 09 03:45:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	300863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	527713	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	552266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	224183	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	176758	53.01	ug/l	0.00
Spiked Amount						
						Recovery = 106.02%
35) Dibromofluoromethane	7.59	113	158774	48.23	ug/l	0.00
Spiked Amount						
						Recovery = 96.46%
50) Toluene-d8	10.09	98	667057	52.07	ug/l	0.00
Spiked Amount						
						Recovery = 104.14%
62) 4-Bromofluorobenzene	12.40	95	247436	57.94	ug/l	0.00
Spiked Amount						
						Recovery = 115.88%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.80	59	6683	11.900	ug/l #	90
14) Allyl chloride	4.55	41	6400	1.447	ug/l #	28
16) Acetone	3.82	43	50297	30.107	ug/l	98
18) Methyl Acetate	4.34	43	4154	0.409	ug/l #	73
20) Methylene Chloride	4.55	84	329026	105.461	ug/l	99
25) 2-Butanone	6.84	43	12958	5.860	ug/l	96
29) Tetrahydrofuran	7.21	42	58098	42.997	ug/l	98
30) Chloroform	7.37	83	2369	0.450	ug/l	95
31) Cyclohexane	7.66	56	4999	0.971	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	20529	4.420	ug/l #	48
37) Ethyl Acetate	6.84	43	12958	2.839	ug/l #	69
38) Carbon Tetrachloride	7.66	117	26831	6.606	ug/l #	15
41) Methacrylonitrile	7.22	41	31013	15.386	ug/l #	30
43) Isopropyl Acetate	8.17	43	21071	2.994	ug/l #	90
45) 1,2-Dichloropropane	9.27	63	1502	0.393	ug/l #	43
48) Methyl methacrylate	9.18	41	10366	2.939	ug/l #	12
49) 1,4-Dioxane	9.26	88	29	0.396	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	4325	0.952	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	51748	10.135	ug/l #	63
57) 1,3-Dichloropropane	10.76	76	11219	1.902	ug/l #	42
59) 2-Hexanone	10.76	43	152750	45.748	ug/l #	50
60) Dibromochloromethane	10.90	129	61	2.398	ug/l #	10
71) Bromoform	12.40	173	1881	3.725	ug/l #	1
73) Isopropylbenzene	12.25	105	93	Below Cal	#	48
74) N-amyl acetate	11.88	43	14942	2.094	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	115344	24.813	ug/l #	100
79) 2-Chlorotoluene	12.67	91	1317	Below Cal	#	69
80) 1,3,5-Trimethylbenzene	12.73	105	4671	Below Cal		95
81) trans-1,4-Dichloro-2-buten	12.40	75	115344	88.190	ug/l #	8
83) tert-Butylbenzene	12.99	119	29	Below Cal	#	28
84) 1,2,4-Trimethylbenzene	13.04	105	3891	0.258	ug/l	98
93) 1,2,4-Trichlorobenzene	14.90	180	291	5.680	ug/l #	65
95) Naphthalene	15.13	128	16768	6.708	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	537	4.602	ug/l #	77

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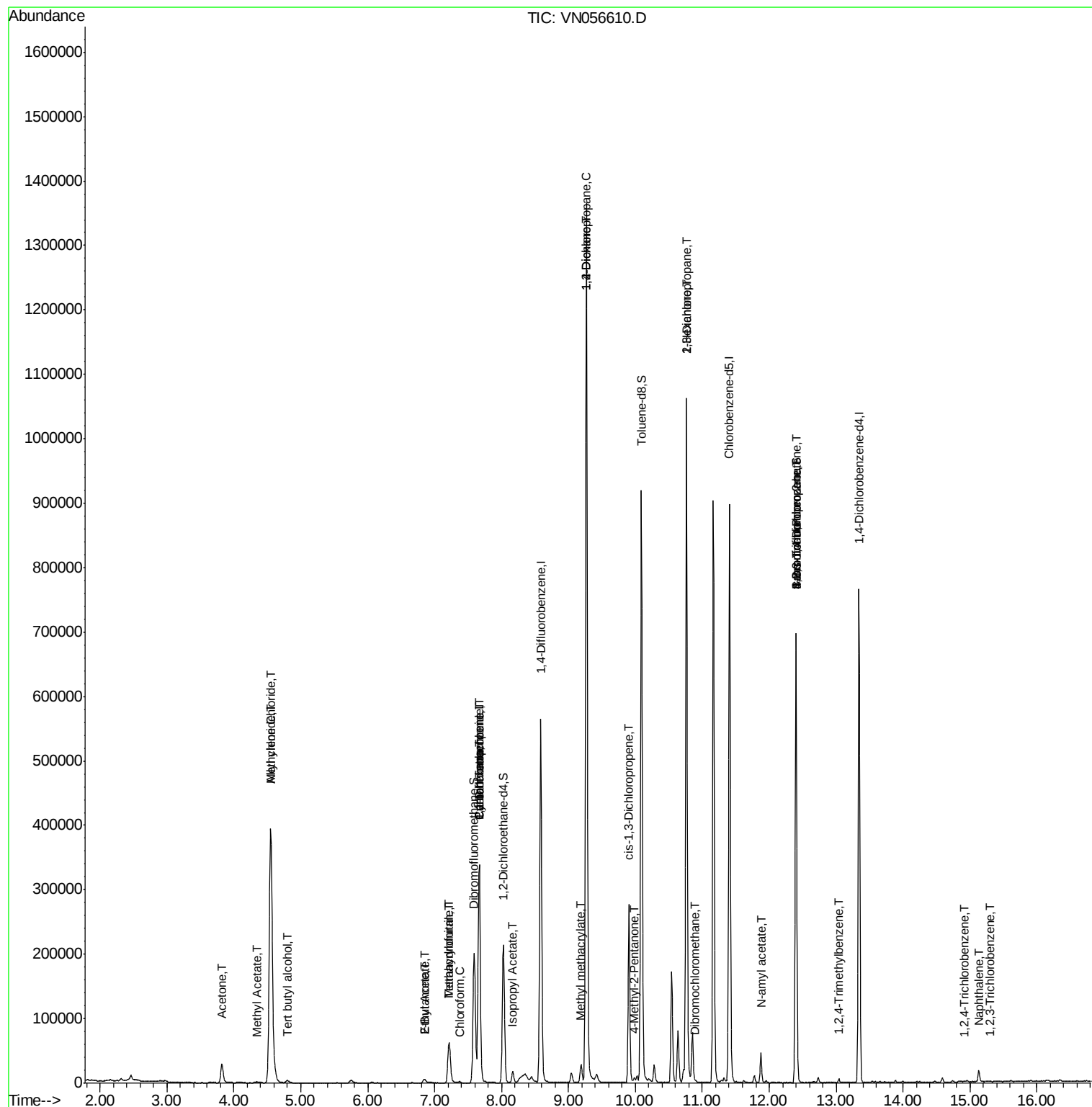
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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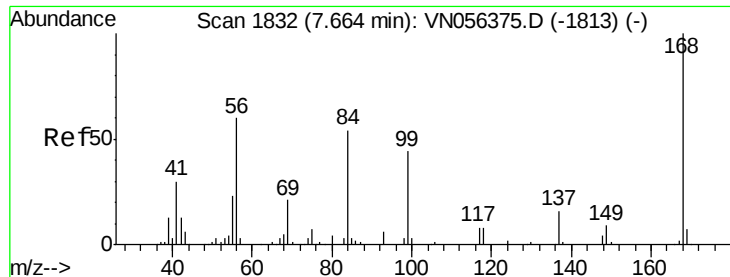
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056610.D

Acq: 8 Jul 2019 15:31

Instrument :

MSVOA_N

ClientSampleId :

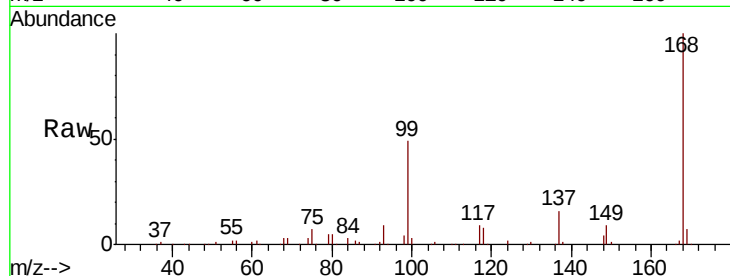
SHORT-WALL-AREA

Tot Ion:168 Resp: 300863

Ion Ratio Lower Upper

168 100

99 49.2 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN056610.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056610.D (-1739) (-)

7.67

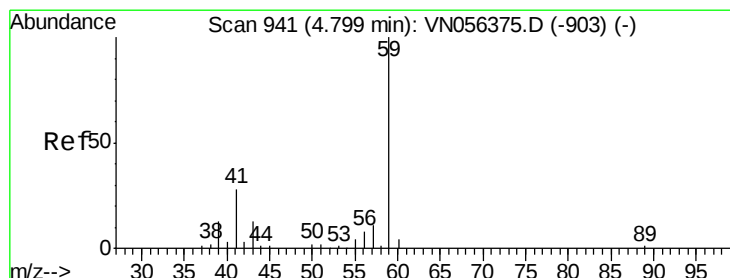
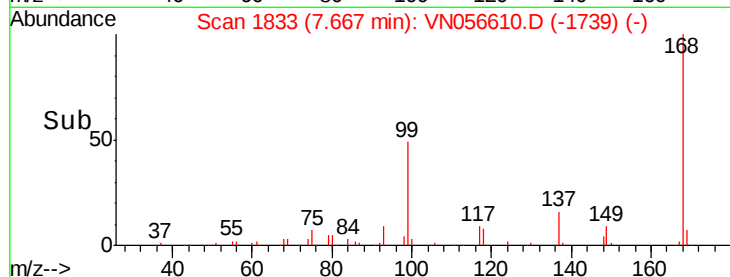
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 11.900 ug/l

RT: 4.80 min Scan# 942

Delta R.T. 0.00 min

Lab File: VN056610.D

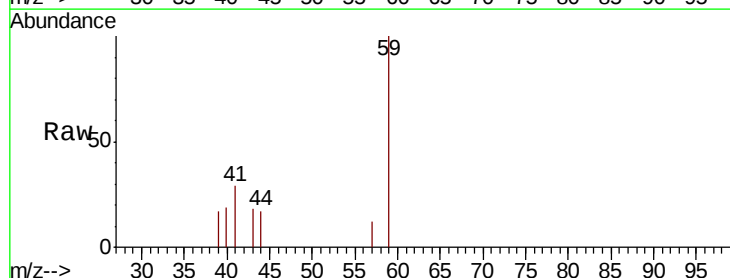
Acq: 8 Jul 2019 15:31

Tgt Ion: 59 Resp: 6683

Ion Ratio Lower Upper

59 100

57 5.7 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VN056610.D (-848) (-)

Ion 57.00 (56.70 to 57.70): VN056610.D (-848) (-)

4.80

2000

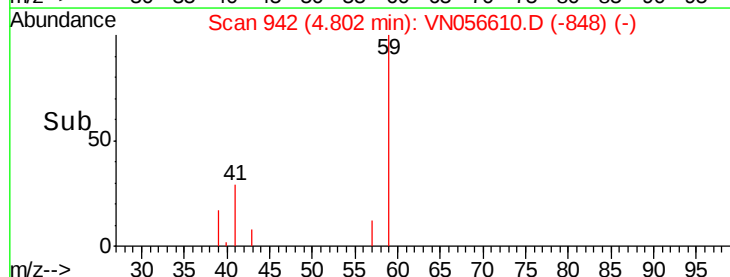
1500

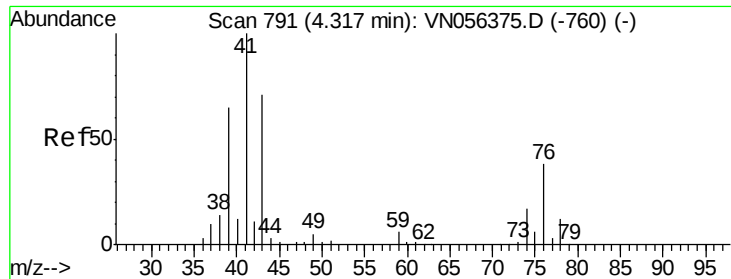
1000

500

0

Time-->

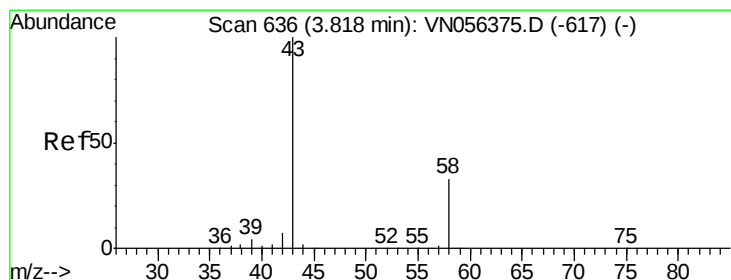
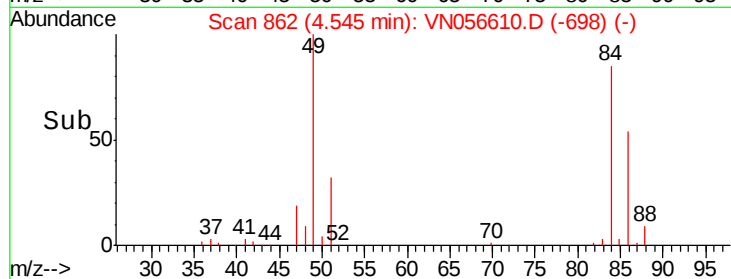
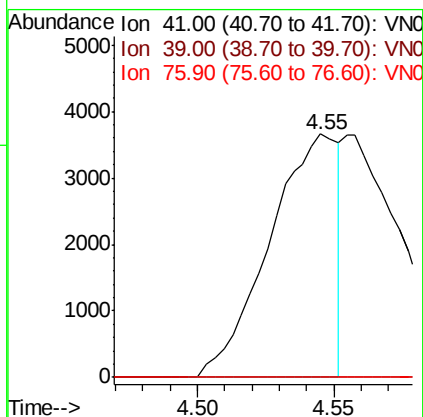
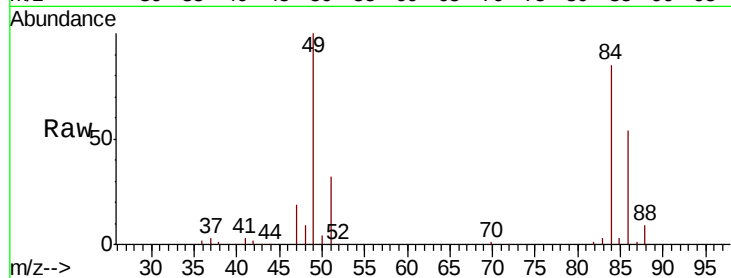




#14
Allvl chloride
Concen: 1.447 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.23 min
Lab File: VN056610.D
Acq: 8 Jul 2019 15:31

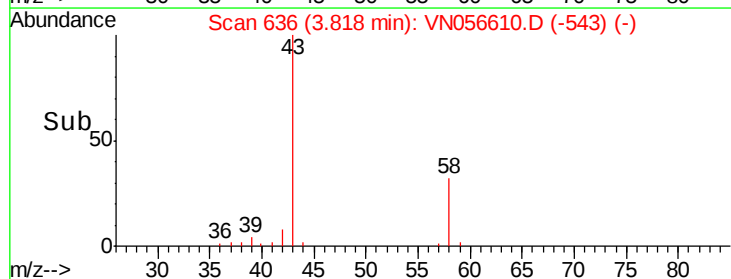
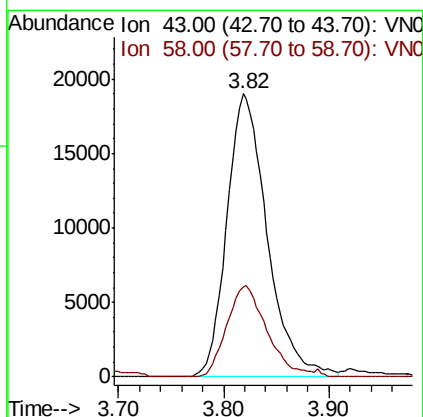
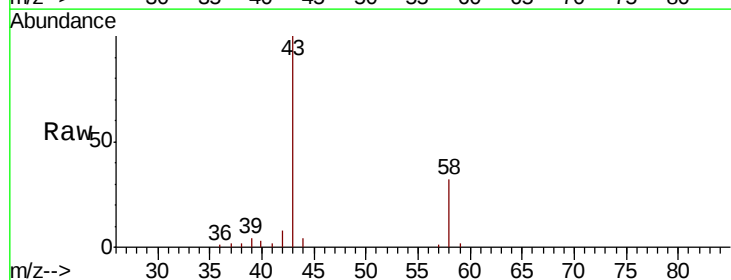
Instrument :
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ClientSampleId :
SHORT-WALL-AREA

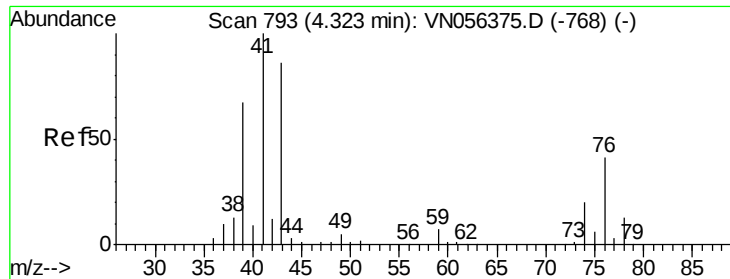
Tot Ion: 41 Resp: 6400
Ion Ratio Lower Upper
41 100
39 0.0 48.6 73.0#
76 0.0 26.6 40.0#



#16
Acetone
Concen: 30.107 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN056610.D
Acq: 8 Jul 2019 15:31

Tgt Ion: 43 Resp: 50297
Ion Ratio Lower Upper
43 100
58 31.9 26.4 39.6

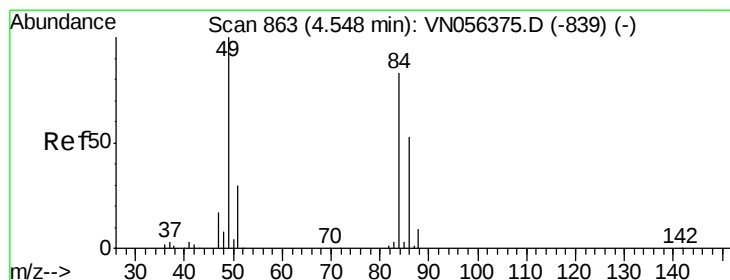
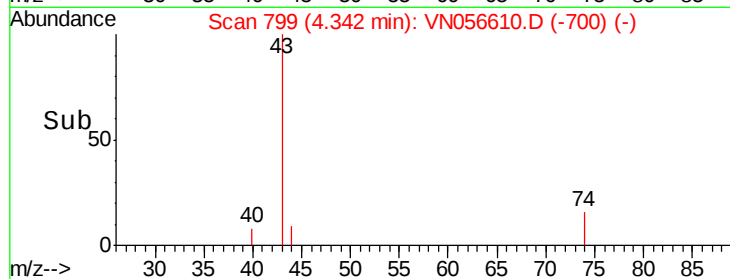
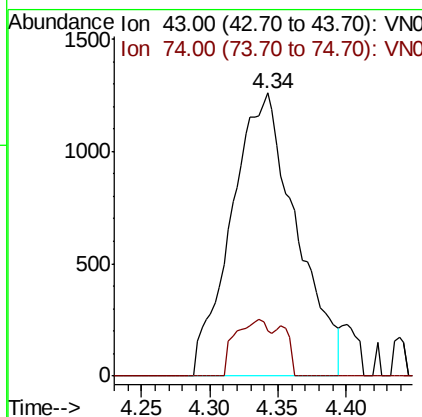
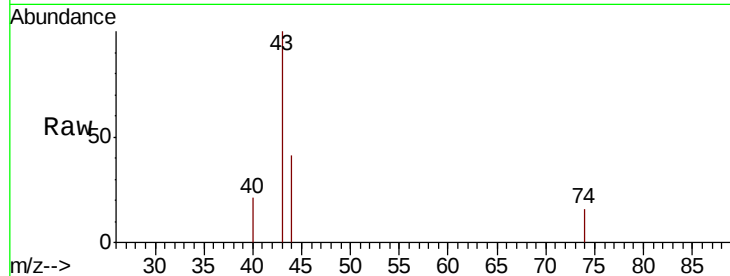




#18
Methyl Acetate
Concen: 0.409 ug/l
RT: 4.34 min Scan# 799
Delta R.T. 0.02 min
Lab File: VN056610.D
Acq: 8 Jul 2019 15:31

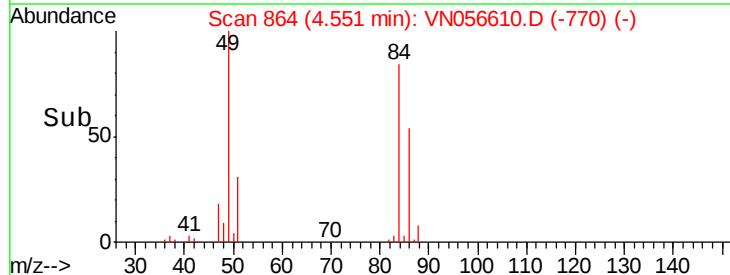
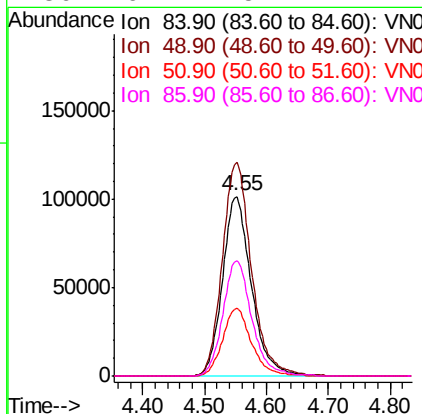
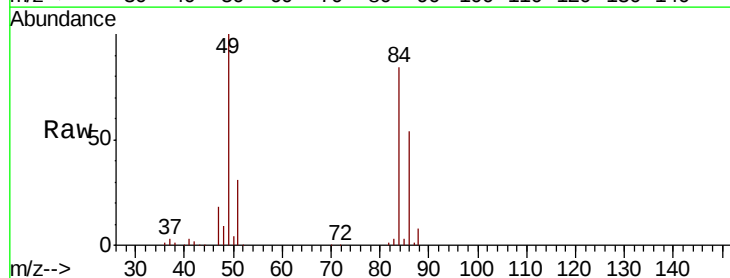
Instrument :
MSVOA_N
ClientSampleId :
SHORT-WALL-AREA

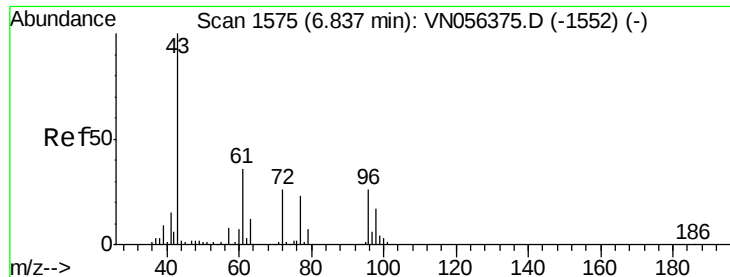
Tot Ion: 43 Resp: 4154
Ion Ratio Lower Upper
43 100
74 10.7 19.2 28.8#



#20
Methylene Chloride
Concen: 105.461 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056610.D
Acq: 8 Jul 2019 15:31

Tgt Ion: 84 Resp: 329026
Ion Ratio Lower Upper
84 100
49 119.1 96.4 144.6
51 37.5 28.6 43.0
86 64.2 51.4 77.2

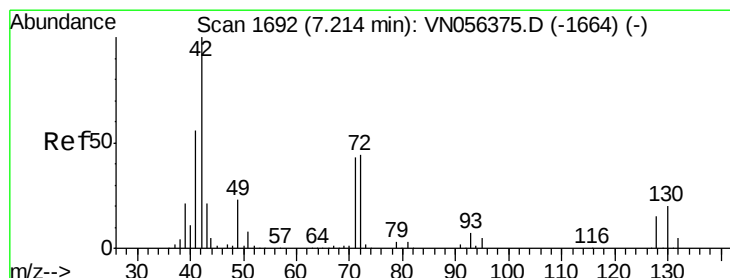
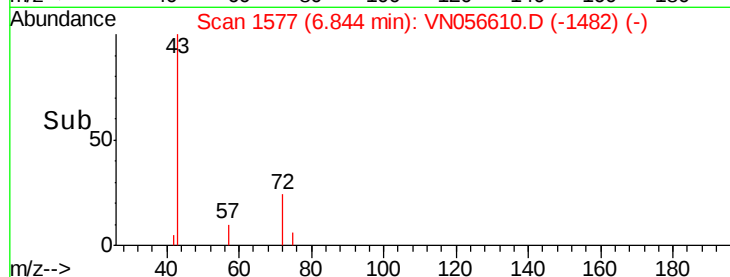
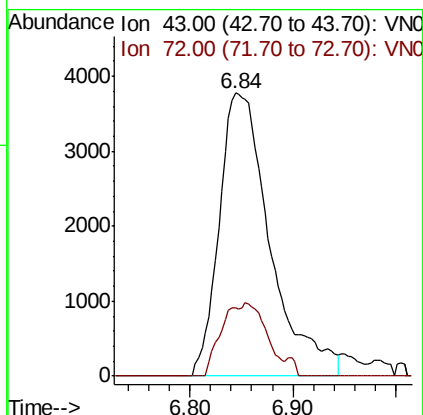
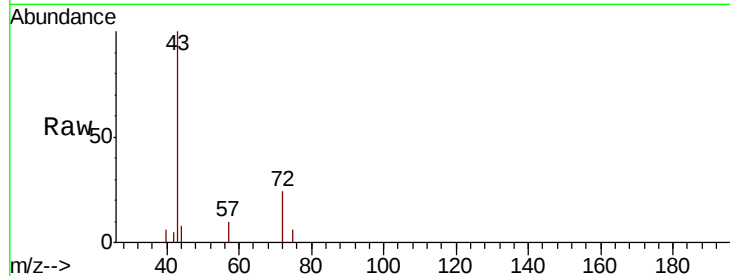




#25
 2-Butanone
 Concen: 5.860 ug/l
 RT: 6.84 min Scan# 1577
 Delta R.T. 0.01 min
 Lab File: VN056610.D
 Acq: 8 Jul 2019 15:31

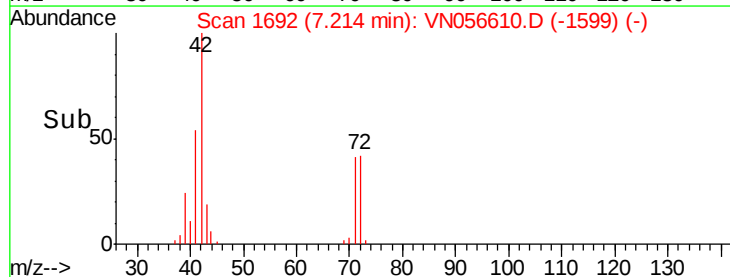
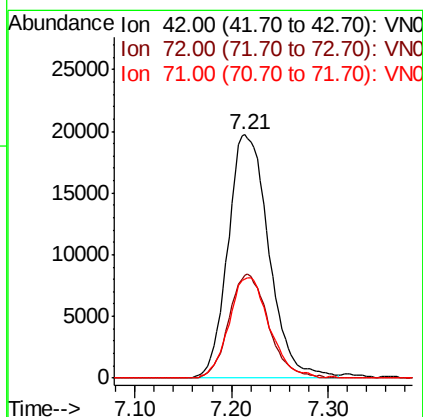
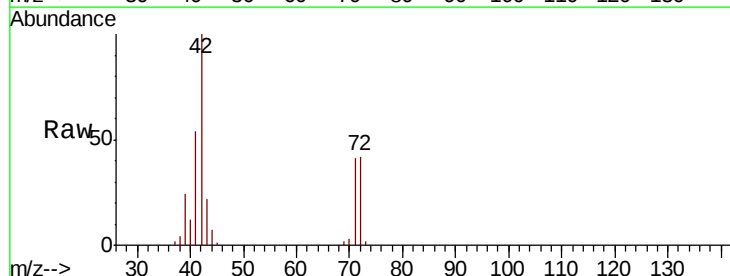
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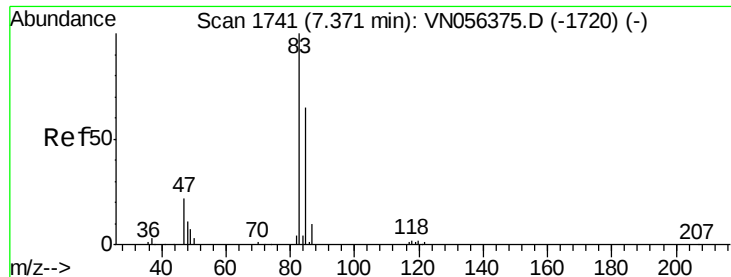
Tot Ion: 43 Resp: 12958
 Ion Ratio Lower Upper
 43 100
 72 24.0 20.6 31.0



#29
 Tetrahydrofuran
 Concen: 42.997 ug/l
 RT: 7.21 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VN056610.D
 Acq: 8 Jul 2019 15:31

Tgt Ion: 42 Resp: 58098
 Ion Ratio Lower Upper
 42 100
 72 41.1 34.7 52.1
 71 40.7 33.0 49.6

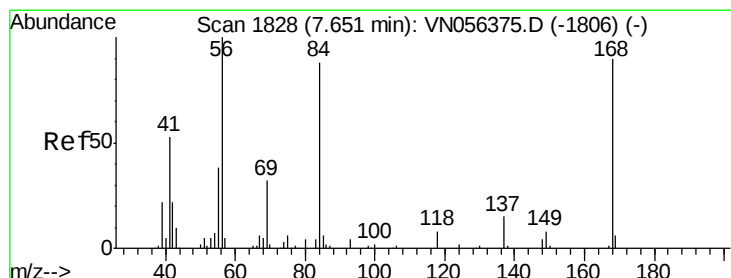
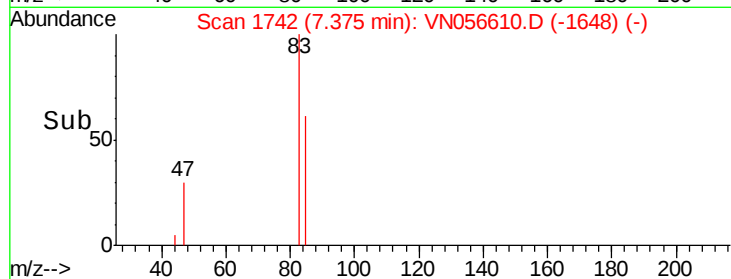
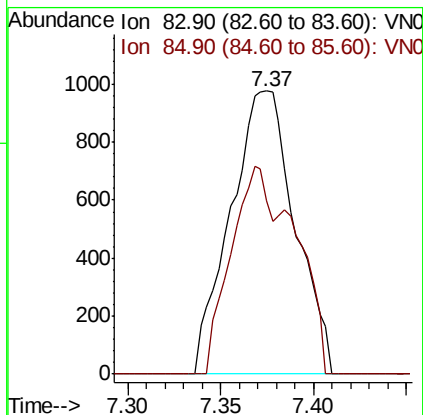
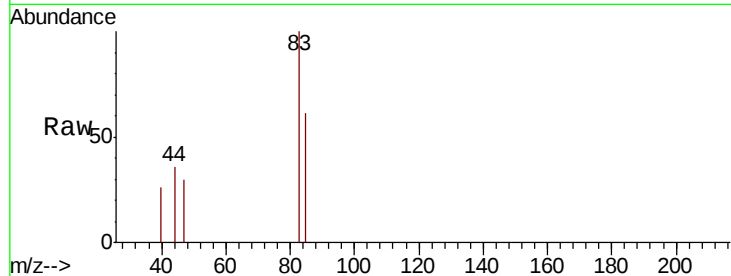




#30
Chloroform
Concen: 0.450 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN056610.D
Acq: 8 Jul 2019 15:31

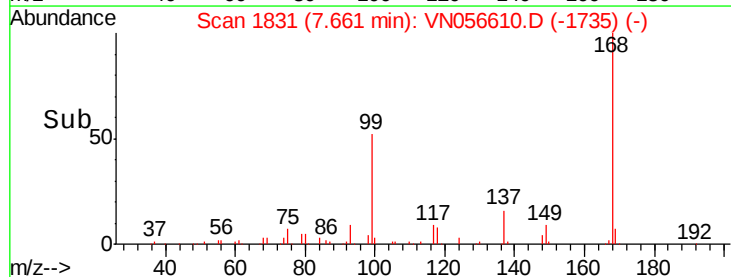
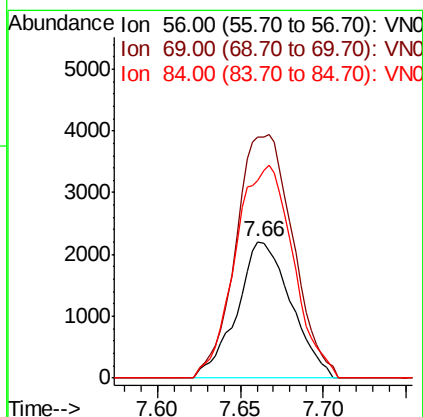
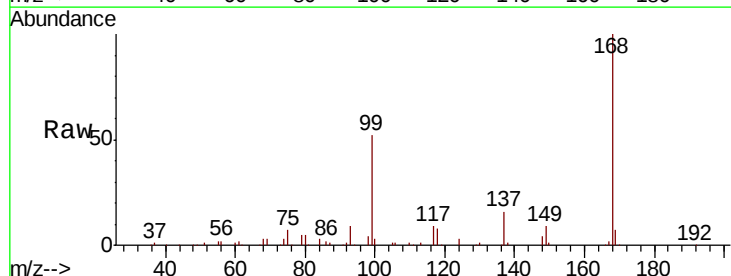
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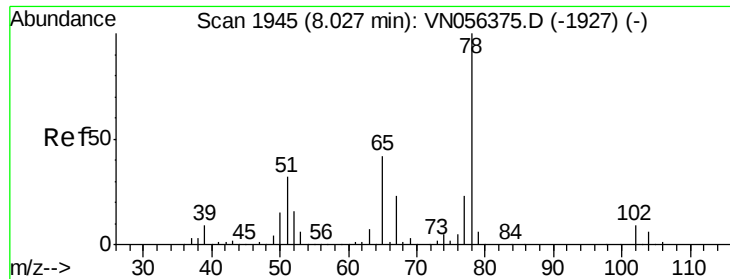
Tot Ion: 83 Resp: 2369
Ion Ratio Lower Upper
83 100
85 61.3 52.3 78.5



#31
Cyclohexane
Concen: 0.971 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN056610.D
Acq: 8 Jul 2019 15:31

Tgt Ion: 56 Resp: 4999
Ion Ratio Lower Upper
56 100
69 176.4 25.8 38.6#
84 144.9 69.4 104.0#





#33

1,2-Dichloroethane-d4

Concen: 53.009 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056610.D

Acq: 8 Jul 2019 15:31

Instrument :

MSVOA_N

ClientSampleId :

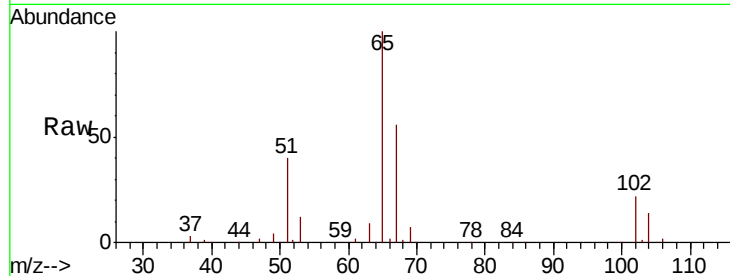
SHORT-WALL-AREA

Tot Ion: 65 Resp: 176758

Ion Ratio Lower Upper

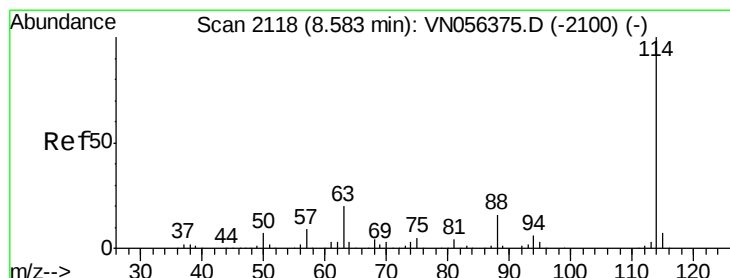
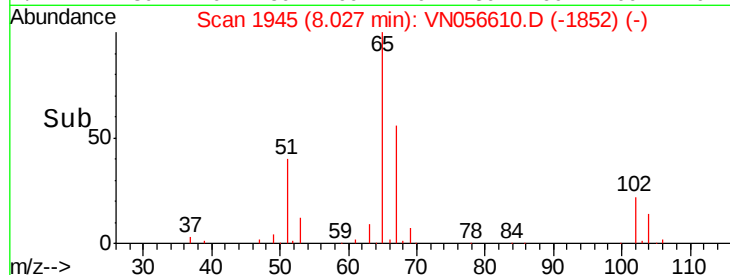
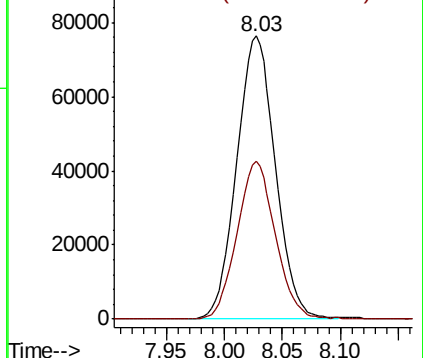
65 100

67 55.2 0.0 109.0



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: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056610.D

Acq: 8 Jul 2019 15:31

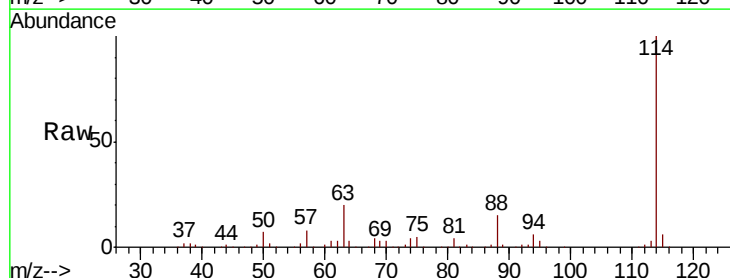
Tgt Ion: 114 Resp: 527713

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.2

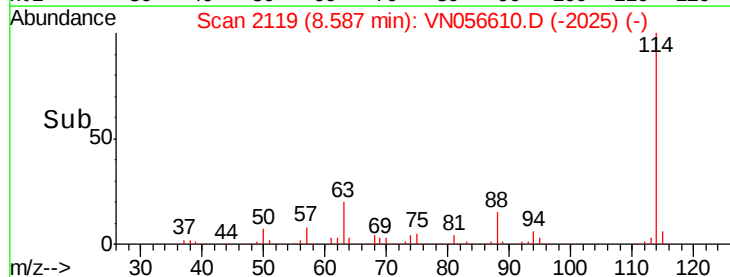
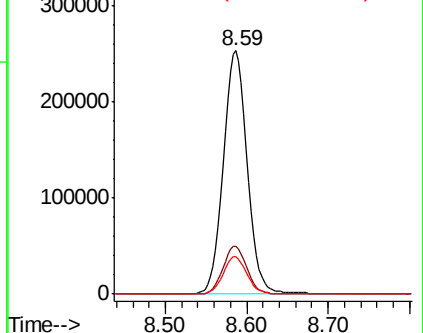
88 15.5 0.0 31.4

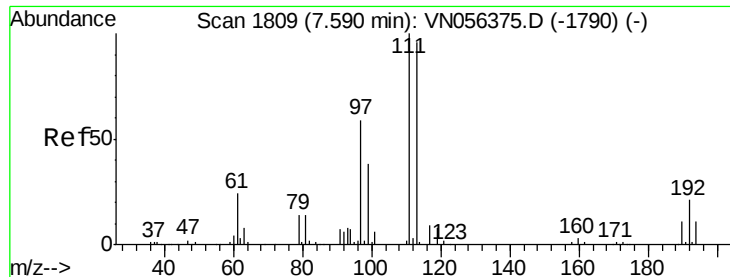


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

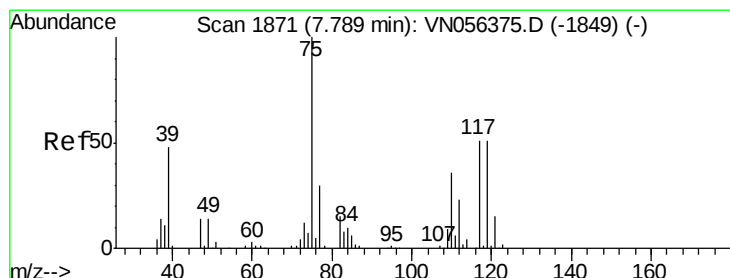
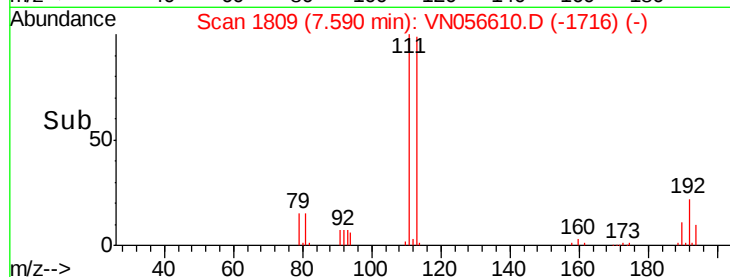
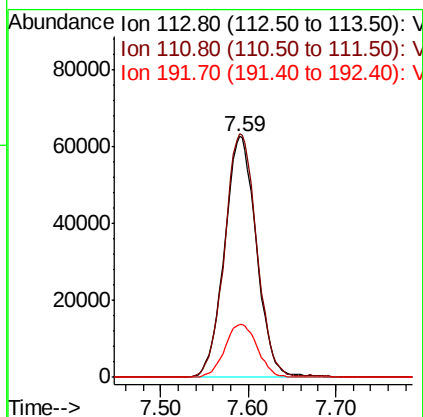
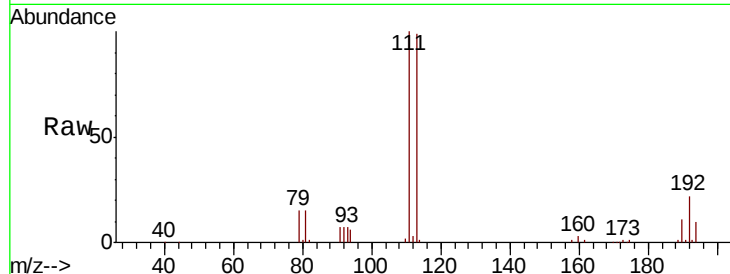




#35
 Dibromofluoromethane
 Concen: 48.229 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056610.D
 Acq: 8 Jul 2019 15:31

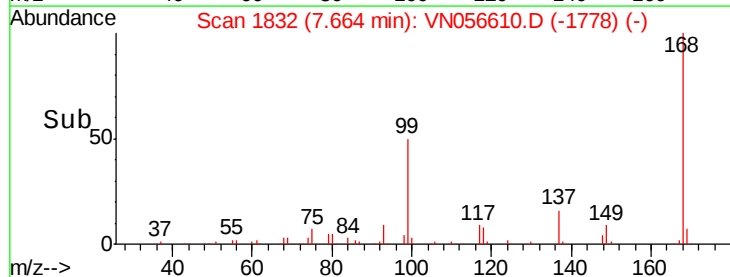
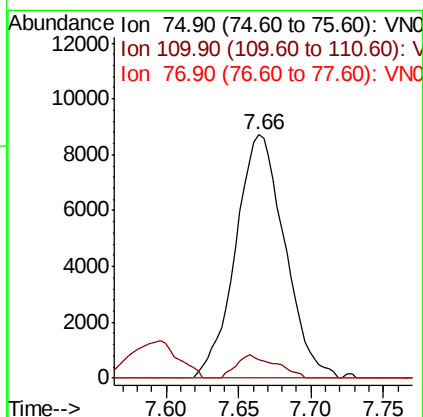
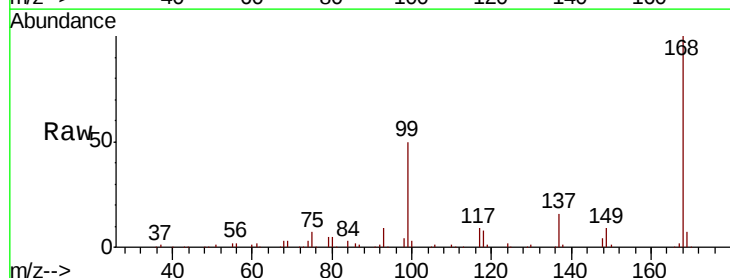
Instrument :
 MSVOA_N
 ClientSampleId :
 SHORT-WALL-AREA

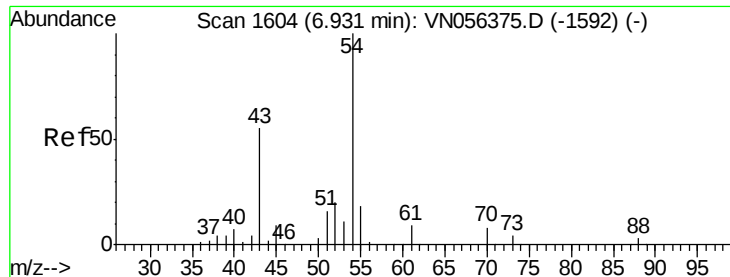
Tot Ion:113 Resp: 158774
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.9 124.3
 192 22.4 17.7 26.5



#36
 1,1-Dichloropropene
 Concen: 4.420 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056610.D
 Acq: 8 Jul 2019 15:31

Tgt Ion: 75 Resp: 20529
 Ion Ratio Lower Upper
 75 100
 110 7.7 18.1 54.3#
 77 0.0 24.6 36.8#

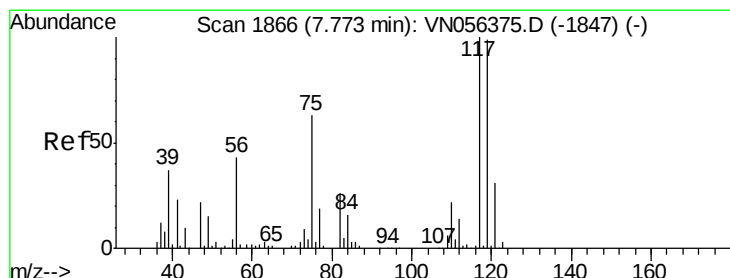
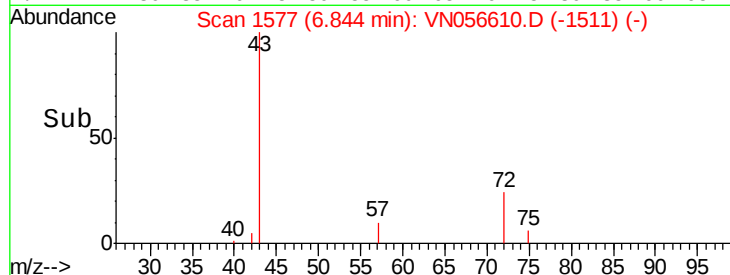
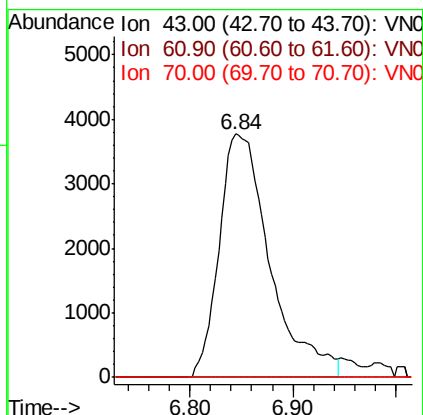
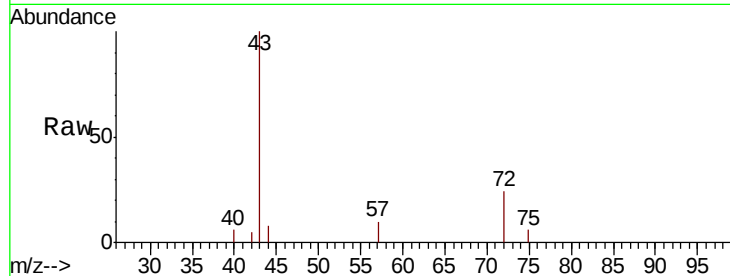




#37
Ethyl Acetate
Concen: 2.839 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. -0.09 min
Lab File: VN056610.D
Acq: 8 Jul 2019 15:31

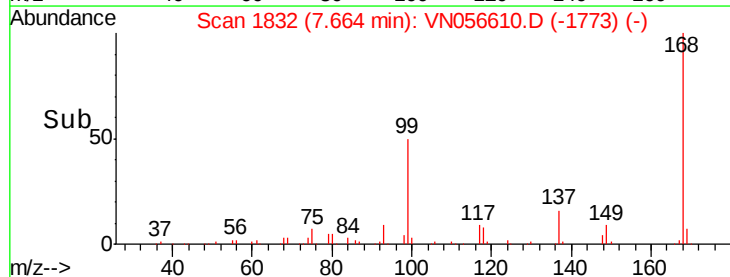
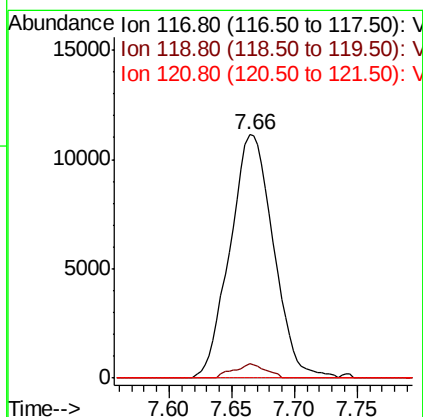
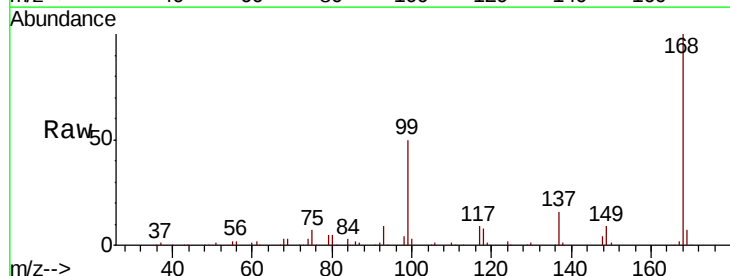
Instrument :
MSVOA_N
ClientSampleId :
SHORT-WALL-AREA

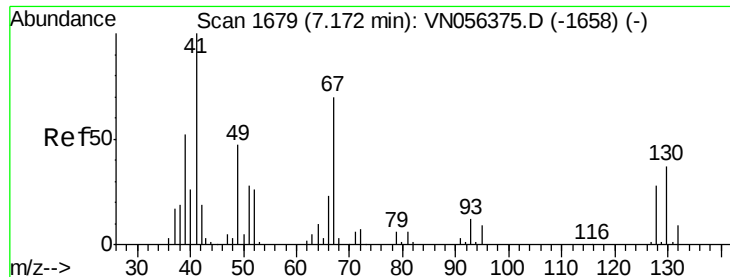
Tot Ion: 43 Resp: 12958
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.3 12.5#



#38
Carbon Tetrachloride
Concen: 6.606 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN056610.D
Acq: 8 Jul 2019 15:31

Tgt Ion: 117 Resp: 26831
Ion Ratio Lower Upper
117 100
119 5.8 79.1 118.7#
121 0.0 24.8 37.2#

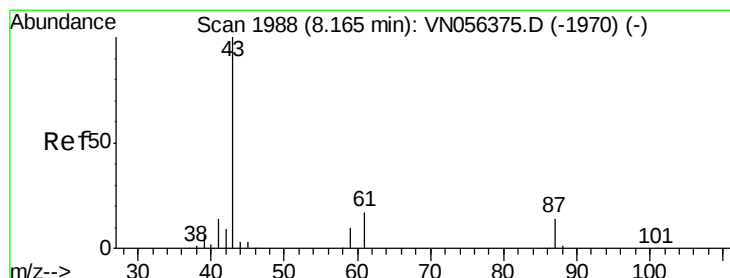
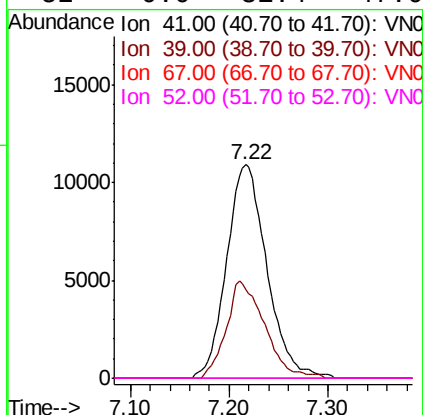
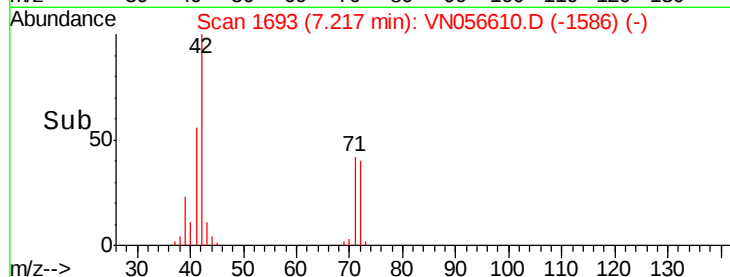
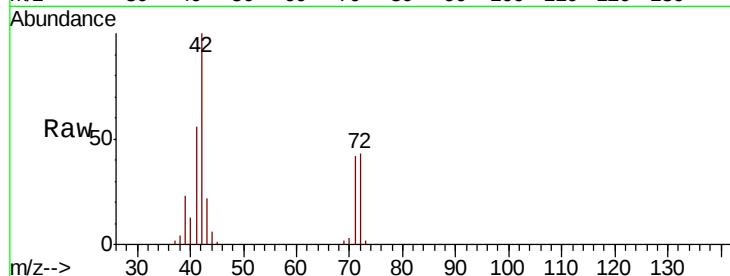




#41
Methacrylonitrile
Concen: 15.386 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.05 min
Lab File: VN056610.D
Acq: 8 Jul 2019 15:31

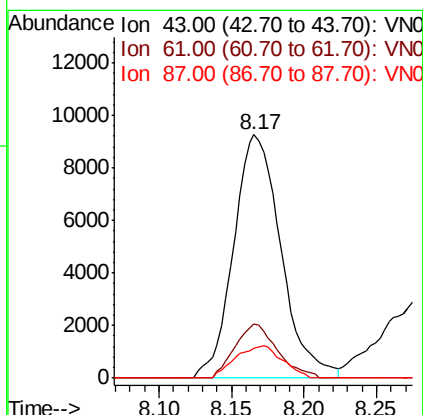
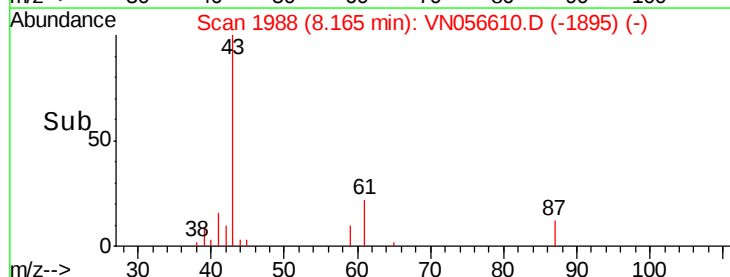
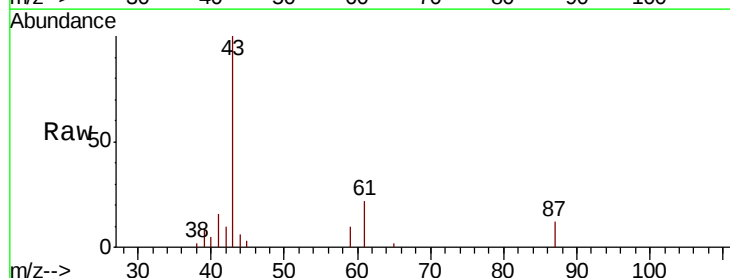
Instrument :
MSVOA_N
ClientSampleId :
SHORT-WALL-AREA

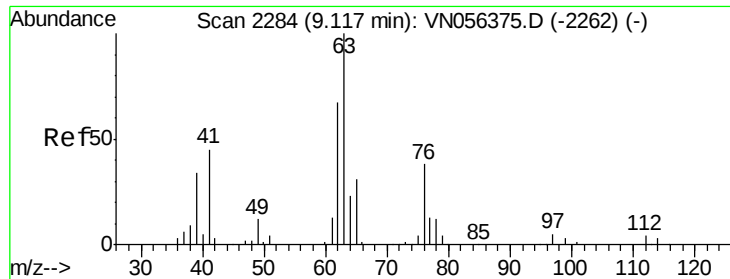
Tot Ion: 41 Resp: 31013
Ion Ratio Lower Upper
41 100
39 43.0 55.3 82.9#
67 0.0 79.2 118.8#
52 0.0 31.4 47.0#



#43
Isopropyl Acetate
Concen: 2.994 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN056610.D
Acq: 8 Jul 2019 15:31

Tgt Ion: 43 Resp: 21071
Ion Ratio Lower Upper
43 100
61 19.7 22.0 33.0#
87 13.1 11.0 16.4





#45

1,2-Dichloropropane

Concen: 0.393 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.15 min

Lab File: VN056610.D

Acq: 8 Jul 2019 15:31

Instrument :

MSVOA_N

ClientSampleId :

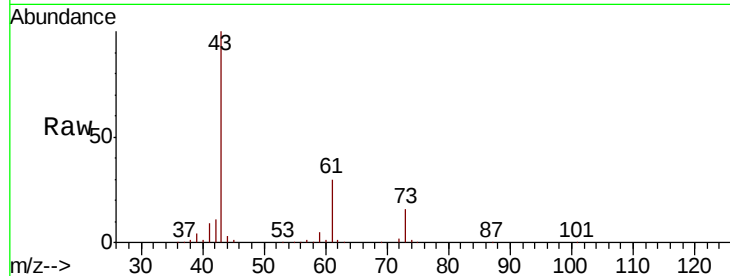
SHORT-WALL-AREA

Tot Ion: 63 Resp: 1502

Ion Ratio Lower Upper

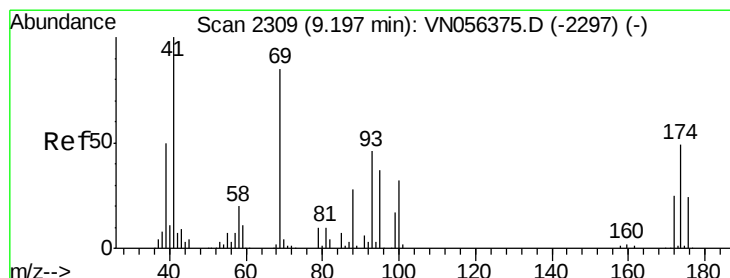
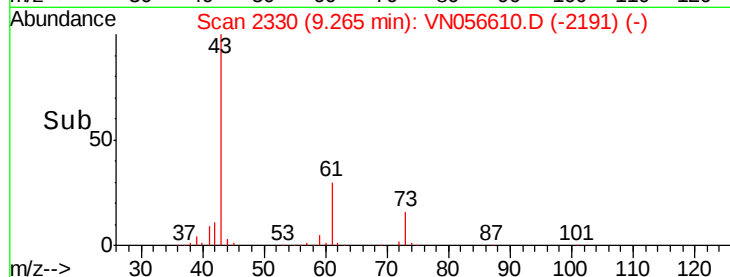
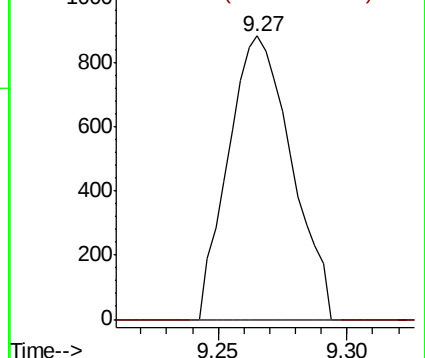
63 100

65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#48

Methyl methacrylate

Concen: 2.939 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN056610.D

Acq: 8 Jul 2019 15:31

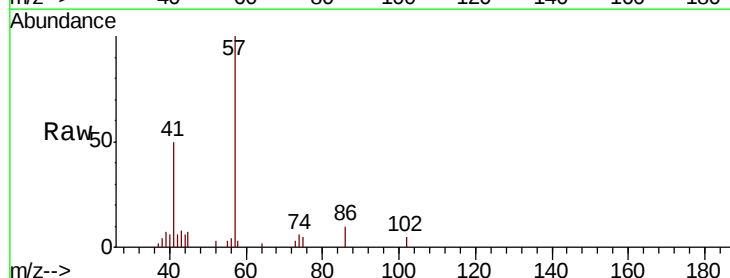
Tgt Ion: 41 Resp: 10366

Ion Ratio Lower Upper

41 100

69 0.0 72.6 109.0#

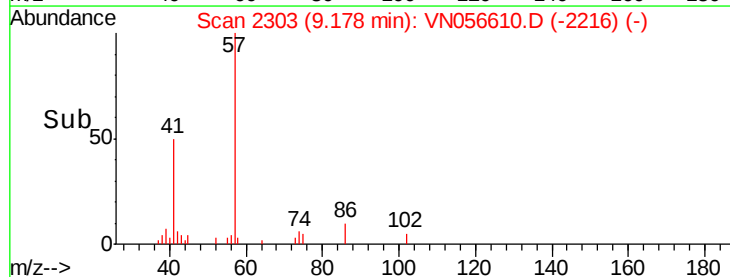
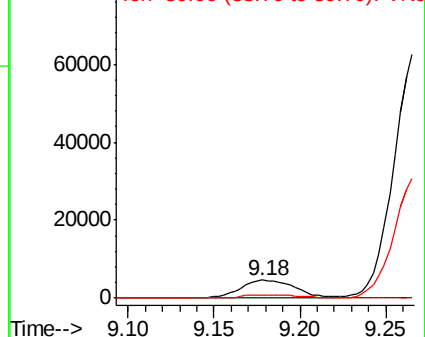
39 0.0 42.6 63.8#

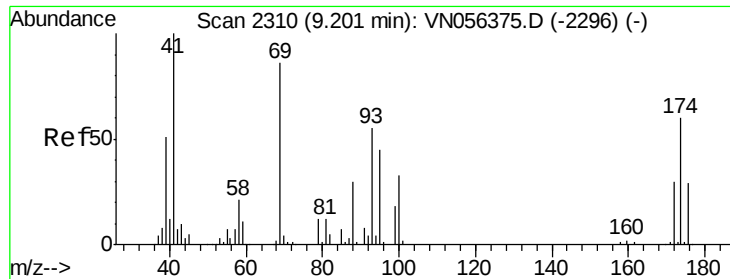


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 0.396 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.06 min

Lab File: VN056610.D

Acq: 8 Jul 2019 15:31

Instrument :

MSVOA_N

ClientSampleId :

SHORT-WALL-AREA

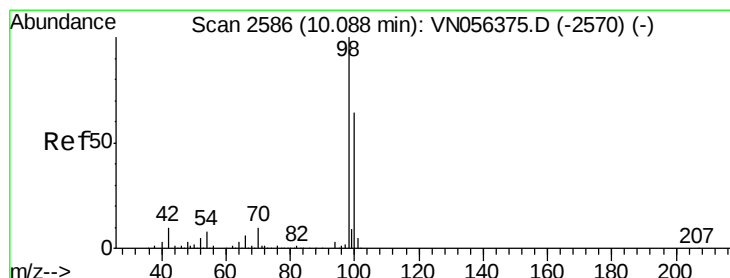
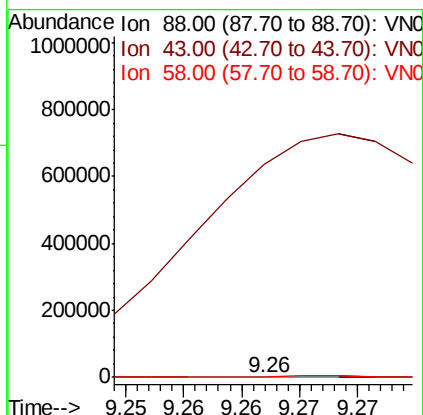
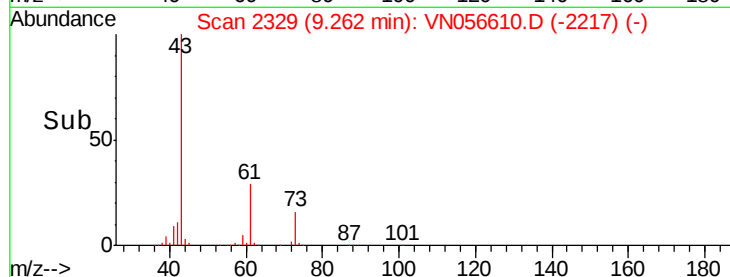
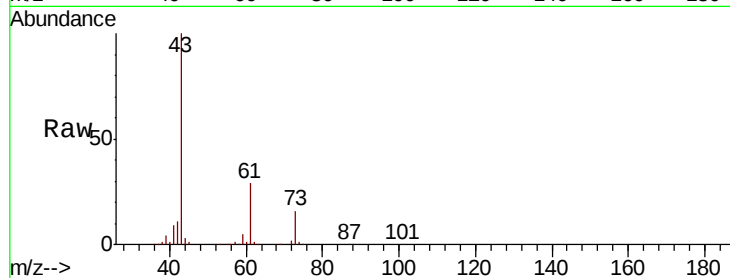
Tot Ion: 88 Resp: 29

Ion Ratio Lower Upper

88 100

43 4687737.9 22.0 33.0#

58 22255.2 51.8 77.8#



#50

Toluene-d8

Concen: 52.075 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056610.D

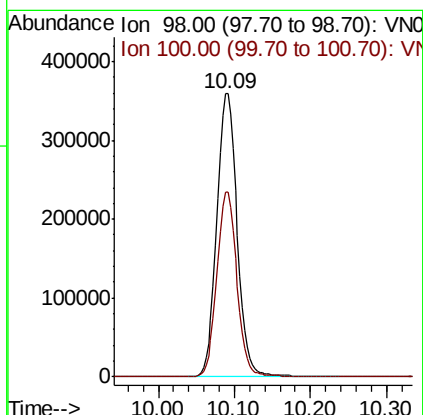
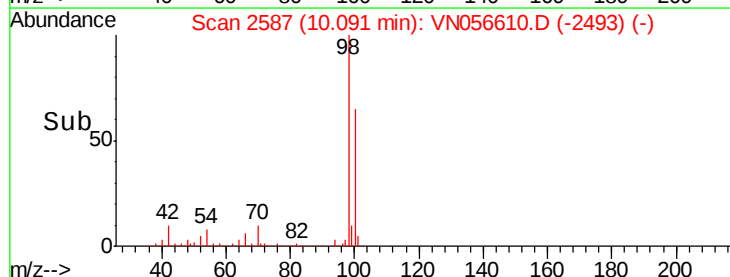
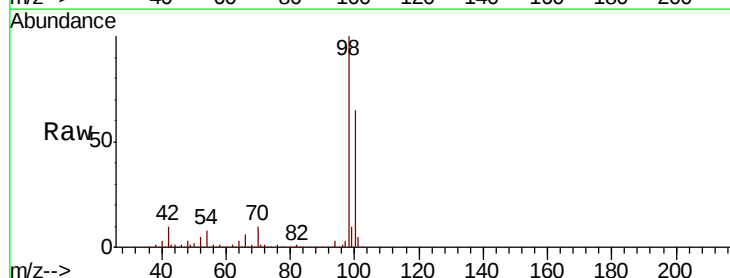
Acq: 8 Jul 2019 15:31

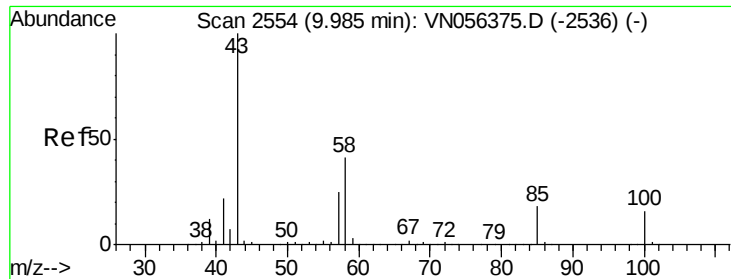
Tgt Ion: 98 Resp: 667057

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 0.952 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056610.D

Acq: 8 Jul 2019 15:31

Instrument :

MSVOA_N

ClientSampleId :

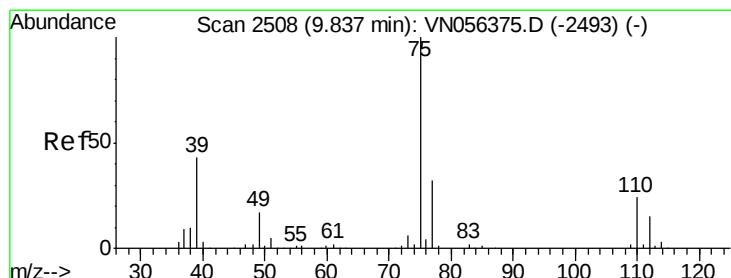
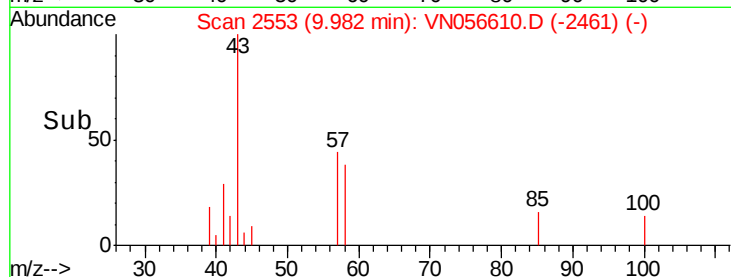
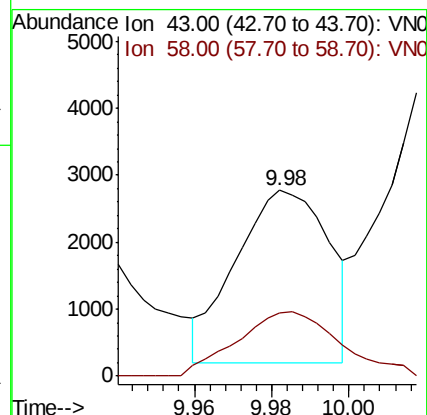
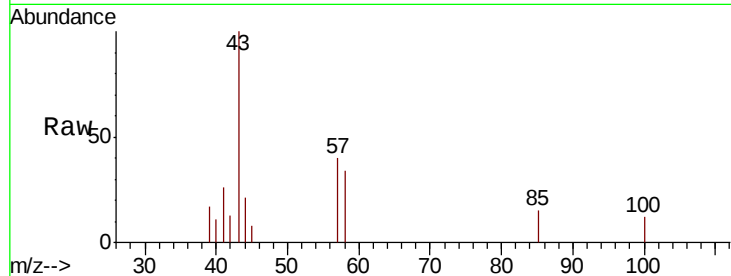
SHORT-WALL-AREA

Tot Ion: 43 Resp: 4325

Ion Ratio Lower Upper

43 100

58 41.1 31.8 47.8



#54

cis-1,3-Dichloropropene

Concen: 10.135 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056610.D

Acq: 8 Jul 2019 15:31

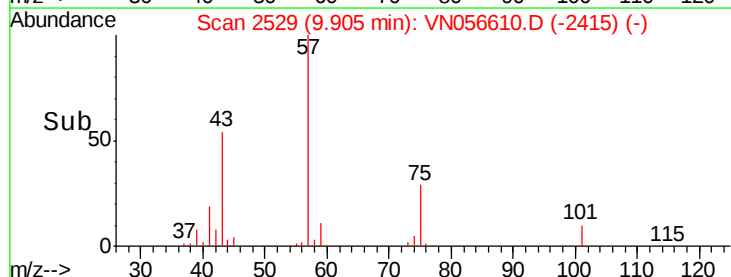
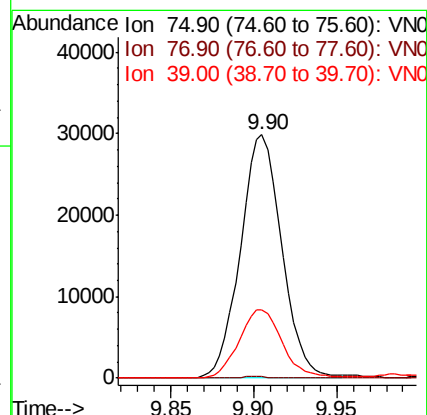
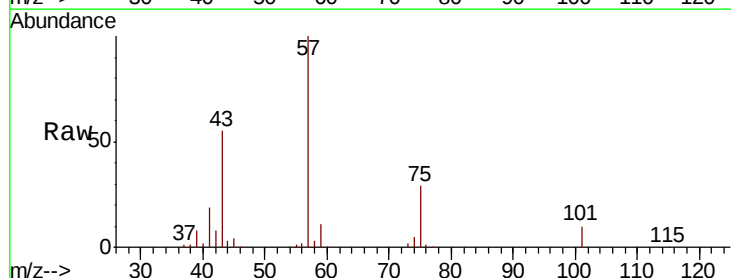
Tgt Ion: 75 Resp: 51748

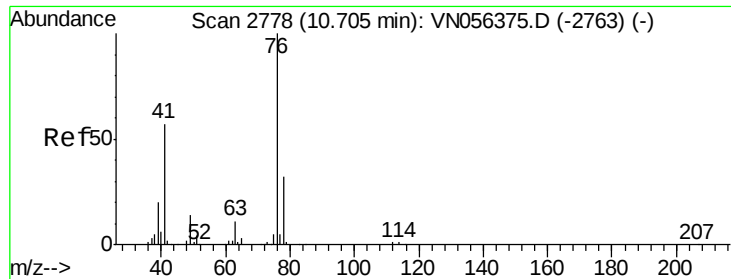
Ion Ratio Lower Upper

75 100

77 0.5 25.2 37.8#

39 28.2 34.2 51.4#





#57

1,3-Dichloropropane

Concen: 1.902 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN056610.D

Acq: 8 Jul 2019 15:31

Instrument :

MSVOA_N

ClientSampleId :

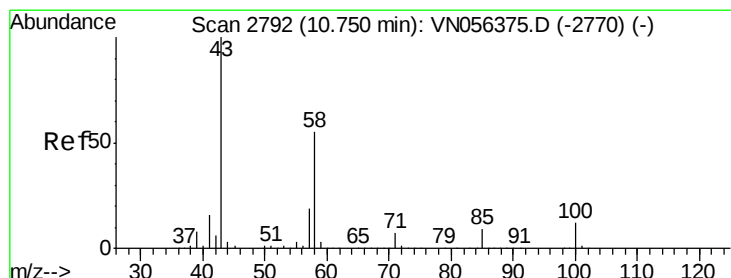
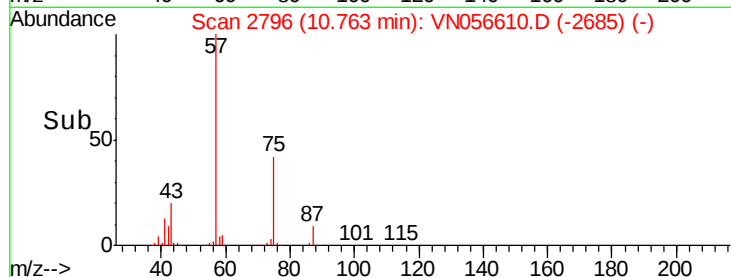
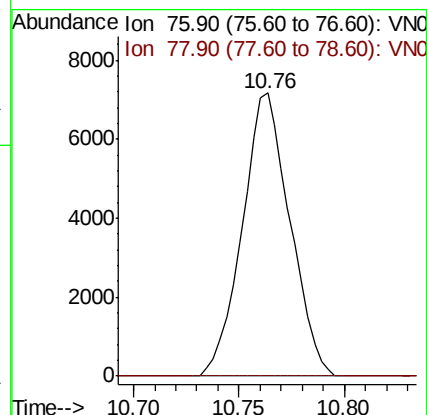
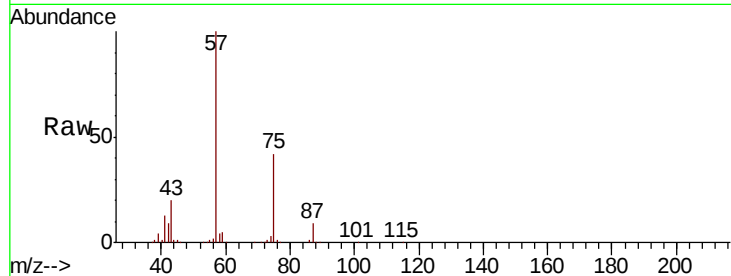
SHORT-WALL-AREA

Tot Ion: 76 Resp: 11219

Ion Ratio Lower Upper

76 100

78 0.0 25.9 38.9#



#59

2-Hexanone

Concen: 45.748 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN056610.D

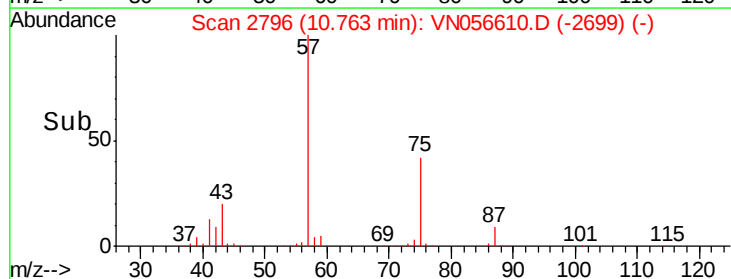
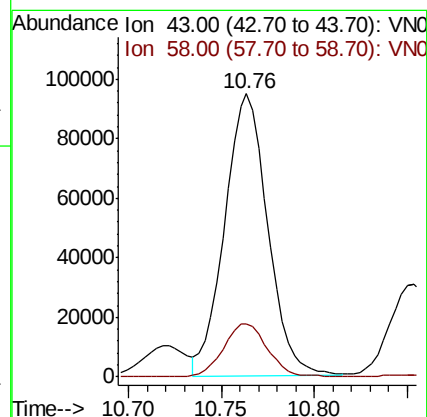
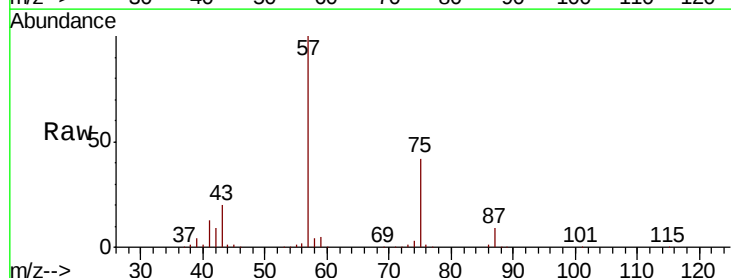
Acq: 8 Jul 2019 15:31

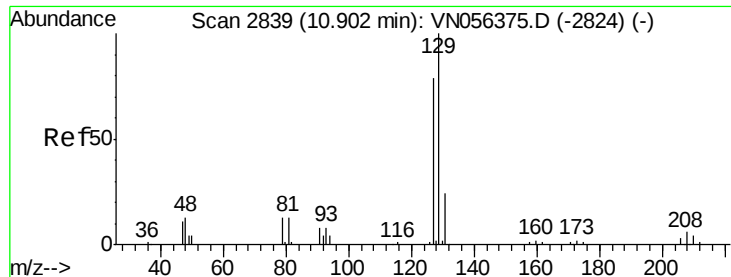
Tgt Ion: 43 Resp: 152750

Ion Ratio Lower Upper

43 100

58 19.4 27.8 83.4#

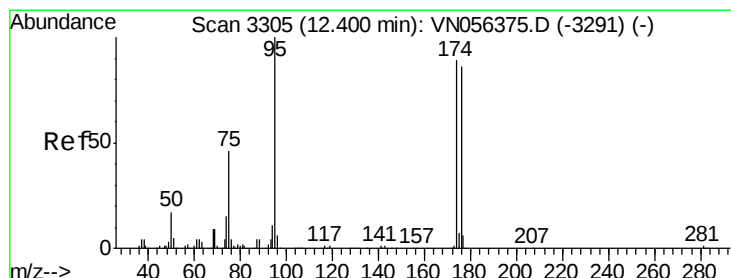
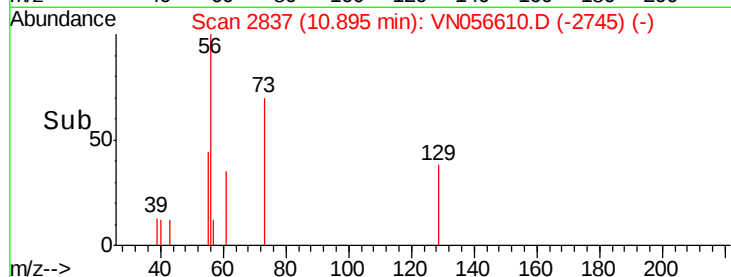
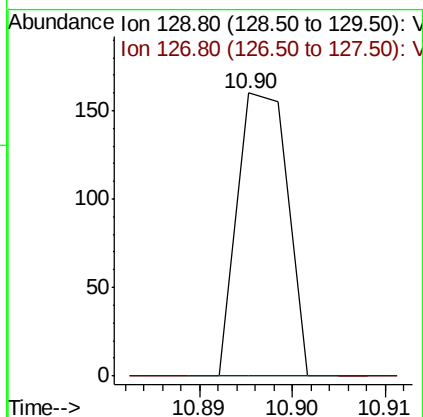
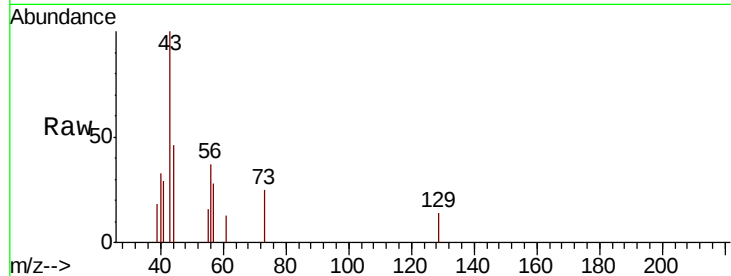




#60
Dibromochloromethane
Concen: 2.398 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.01 min
Lab File: VN056610.D
Acq: 8 Jul 2019 15:31

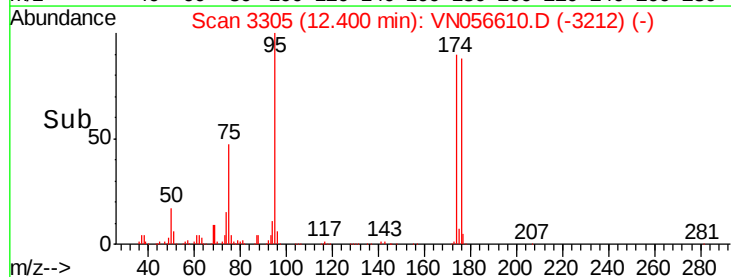
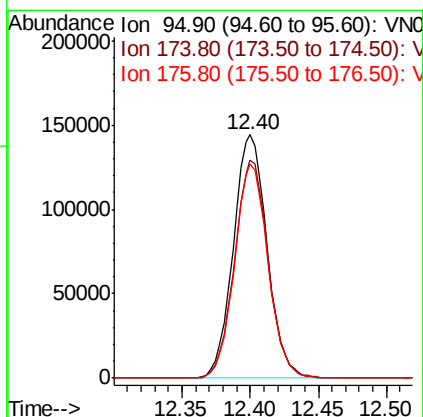
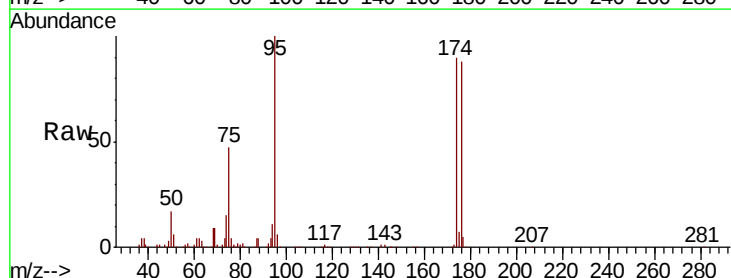
Instrument :
MSVOA_N
ClientSampleId :
SHORT-WALL-AREA

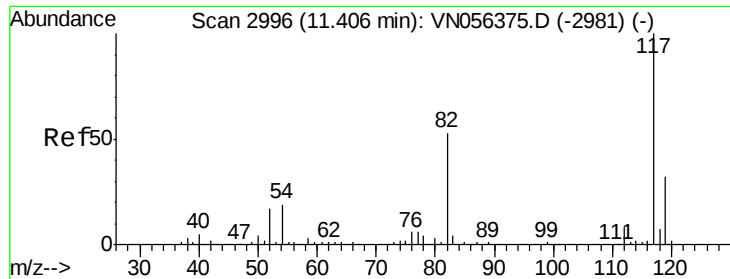
Tot Ion:129 Resp: 61
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.7#



#62
4-Bromofluorobenzene
Concen: 57.945 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056610.D
Acq: 8 Jul 2019 15:31

Tgt Ion: 95 Resp: 247436
Ion Ratio Lower Upper
95 100
174 89.4 0.0 179.4
176 86.9 0.0 173.4

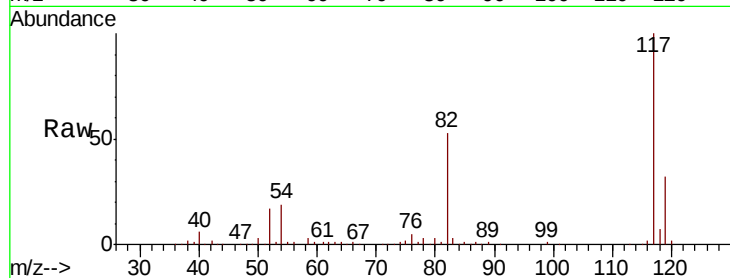




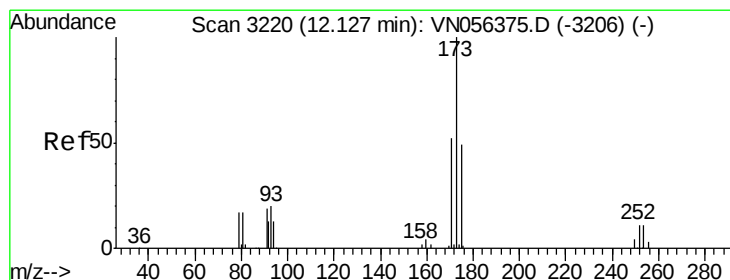
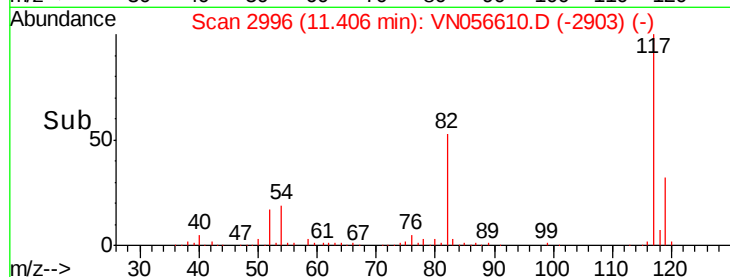
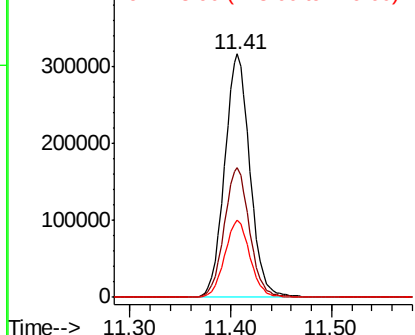
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056610.D
Acq: 8 Jul 2019 15:31

Instrument :
MSVOA_N
ClientSampleId :
SHORT-WALL-AREA

Tot Ion:117 Resp: 552266
Ion Ratio Lower Upper
117 100
82 53.2 42.0 63.0
119 31.7 25.3 37.9

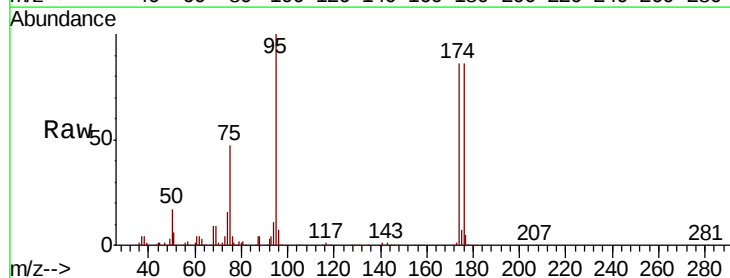


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

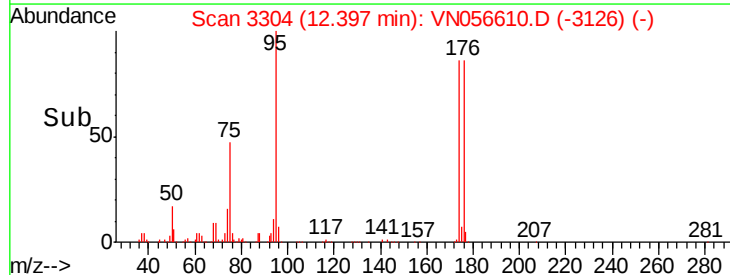
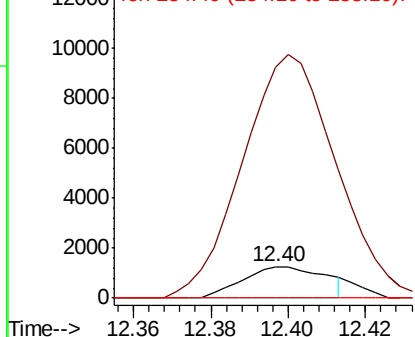


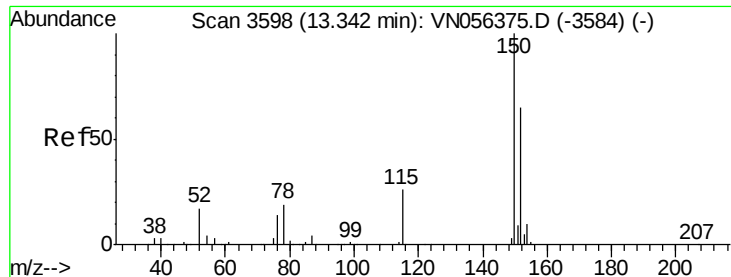
#71
Bromoform
Concen: 3.725 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN056610.D
Acq: 8 Jul 2019 15:31

Tgt Ion:173 Resp: 1881
Ion Ratio Lower Upper
173 100
175 774.5 24.4 73.4#
254 0.0 0.0 0.0



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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056610.D

Acq: 8 Jul 2019 15:31

Instrument :

MSVOA_N

ClientSampleId :

SHORT-WALL-AREA

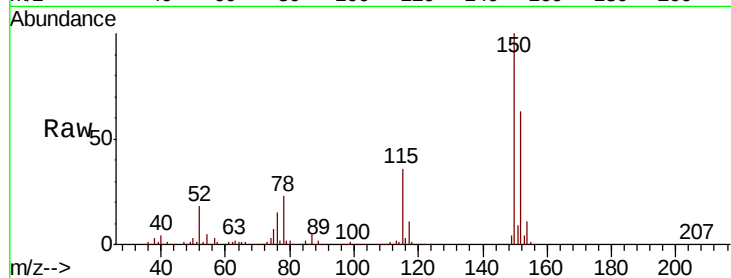
Tot Ion:152 Resp: 224183

Ion Ratio Lower Upper

152 100

115 55.3 28.1 84.4

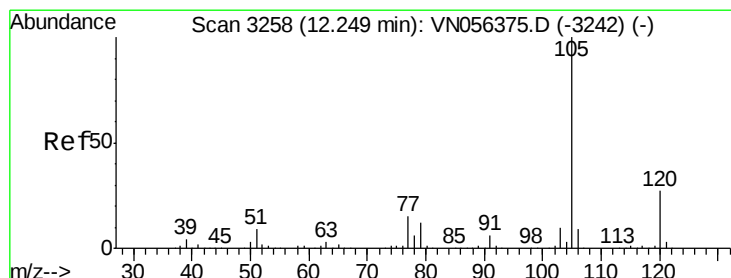
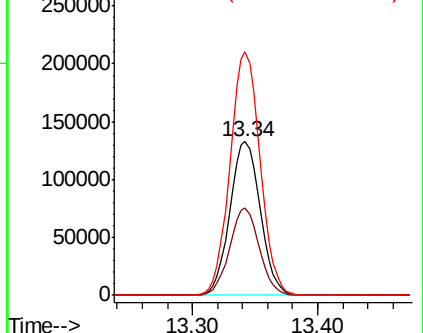
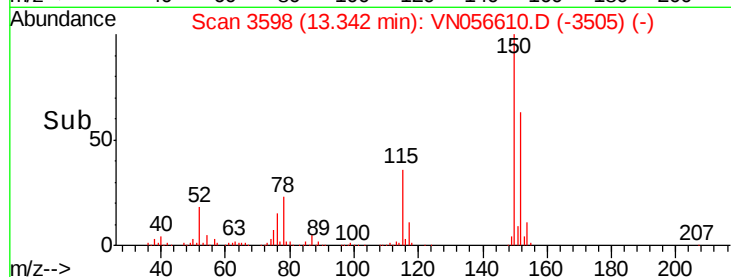
150 156.6 0.0 348.4



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# 3258

Delta R.T. 0.00 min

Lab File: VN056610.D

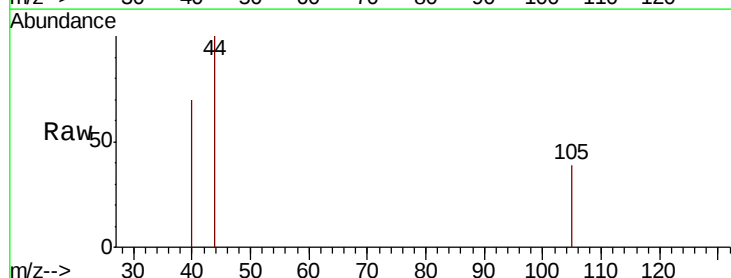
Acq: 8 Jul 2019 15:31

Tgt Ion:105 Resp: 93

Ion Ratio Lower Upper

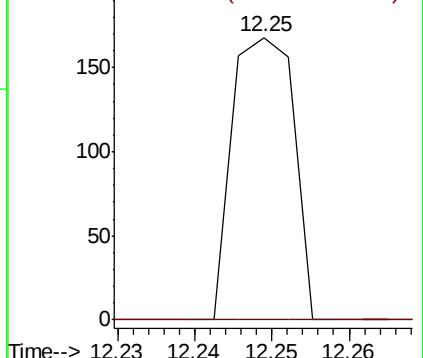
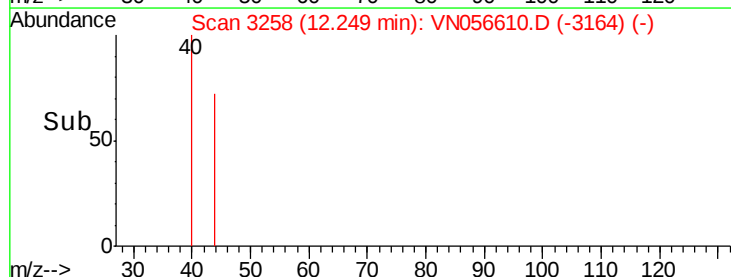
105 100

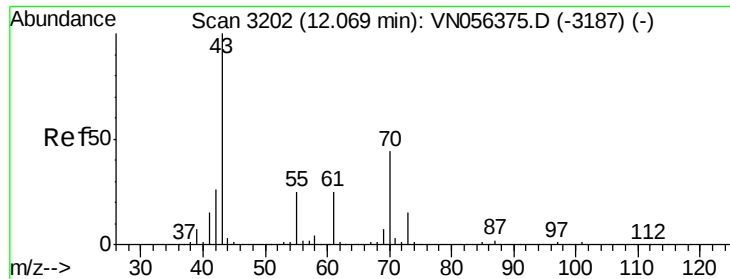
120 0.0 13.4 40.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

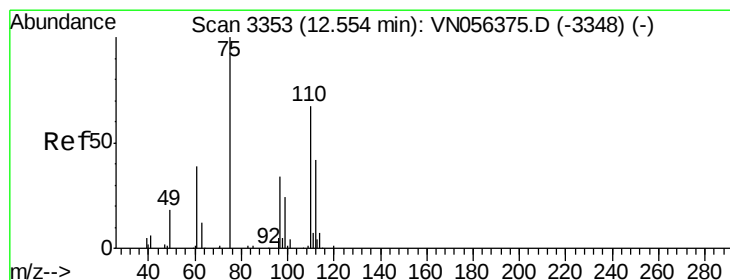
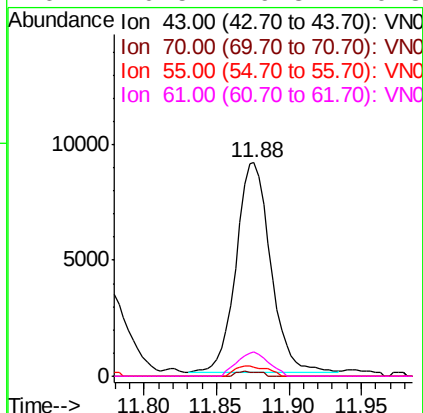
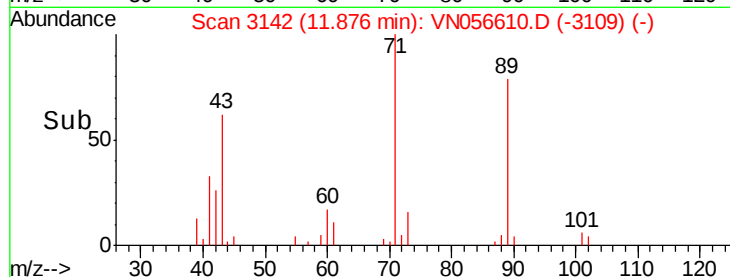
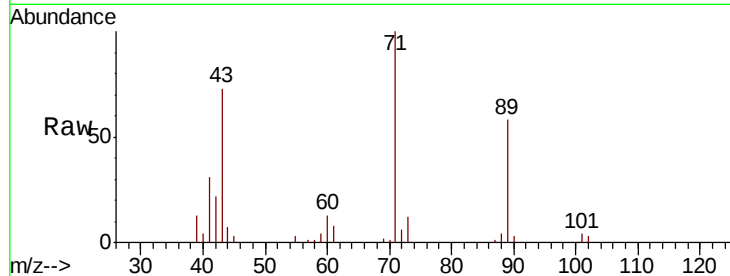




#74
N-amvl acetate
Concen: 2.094 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN056610.D
Acq: 8 Jul 2019 15:31

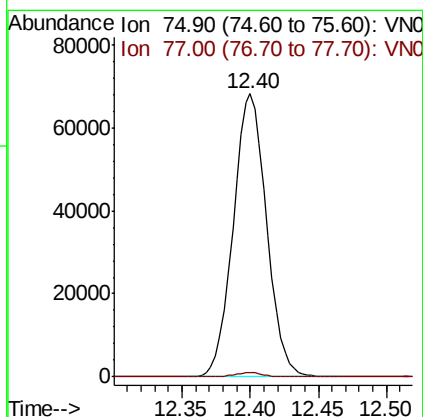
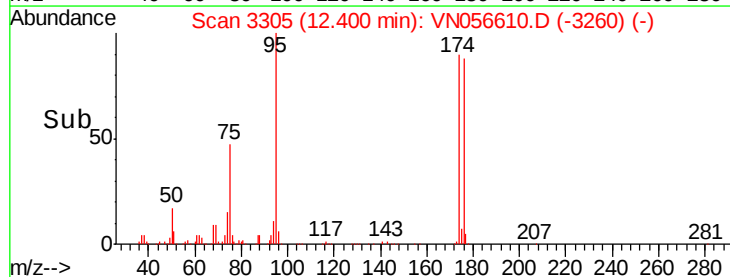
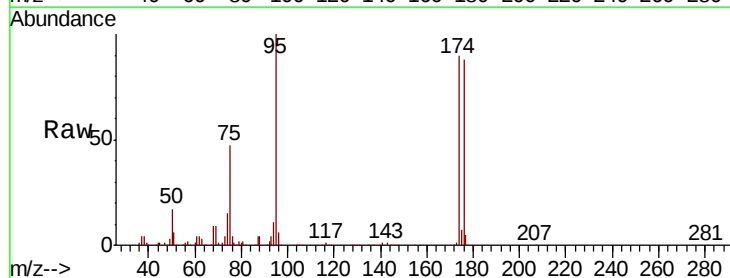
Instrument :
MSVOA_N
ClientSampleId :
SHORT-WALL-AREA

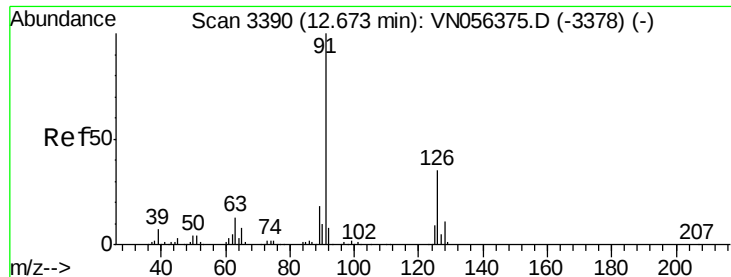
Tot Ion: 43 Resp: 14942
Ion Ratio Lower Upper
43 100
70 1.6 34.9 52.3#
55 4.6 20.4 30.6#
61 10.5 19.8 29.8#



#76
1,2,3-Trichloropropane
Concen: 24.813 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN056610.D
Acq: 8 Jul 2019 15:31

Tgt Ion: 75 Resp: 115344
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN056610.D

Acq: 8 Jul 2019 15:31

Instrument :

MSVOA_N

ClientSampleId :

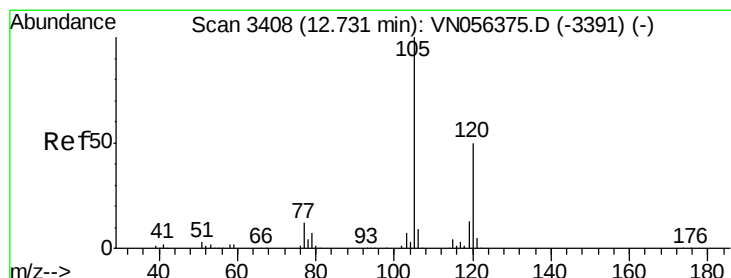
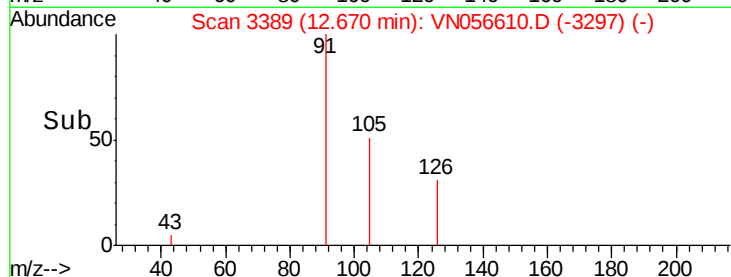
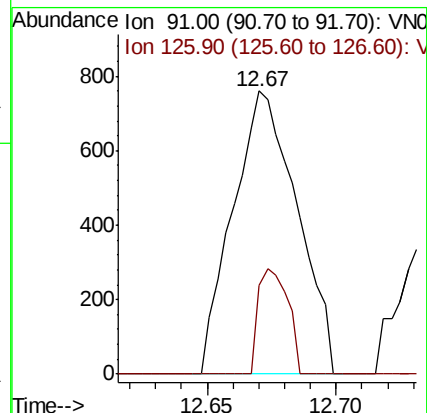
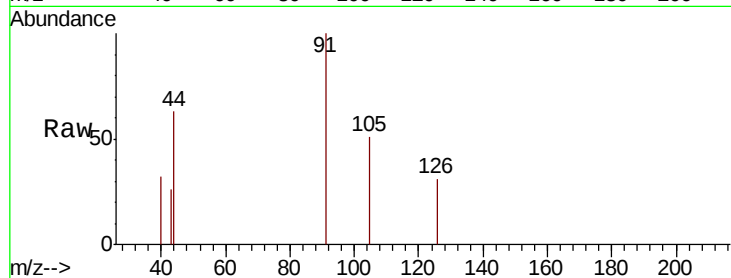
SHORT-WALL-AREA

Tot Ion: 91 Resp: 1317

Ion Ratio Lower Upper

91 100

126 17.2 17.6 52.8#



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN056610.D

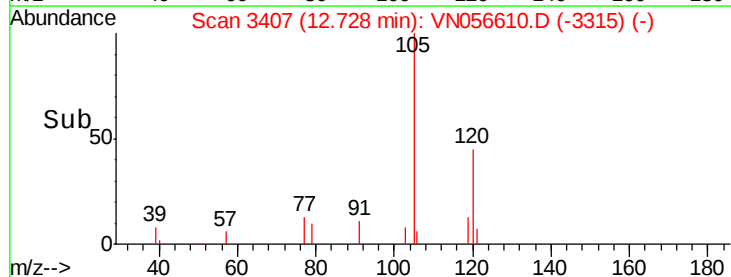
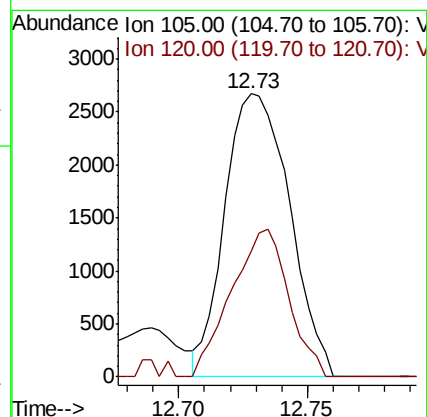
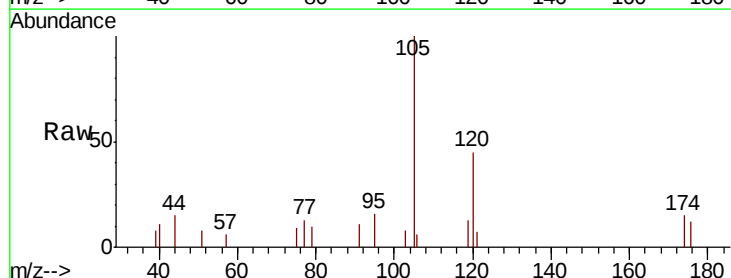
Acq: 8 Jul 2019 15:31

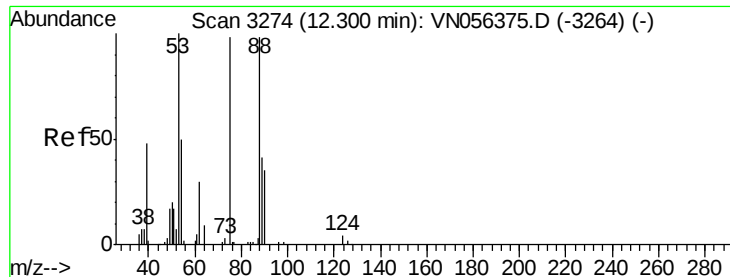
Tgt Ion: 105 Resp: 4671

Ion Ratio Lower Upper

105 100

120 46.1 24.8 74.4

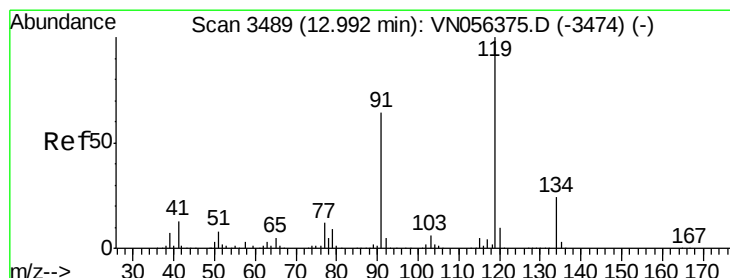
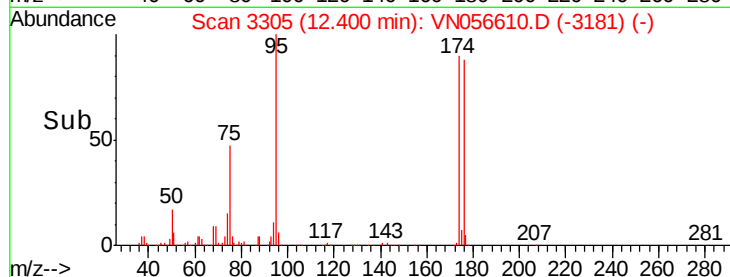
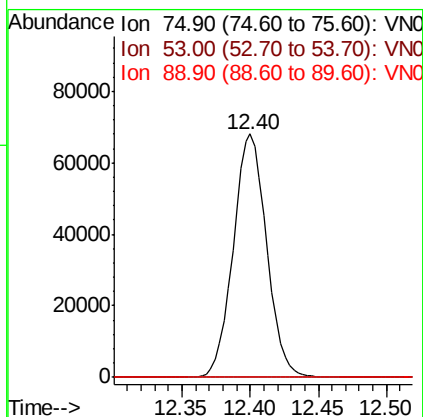
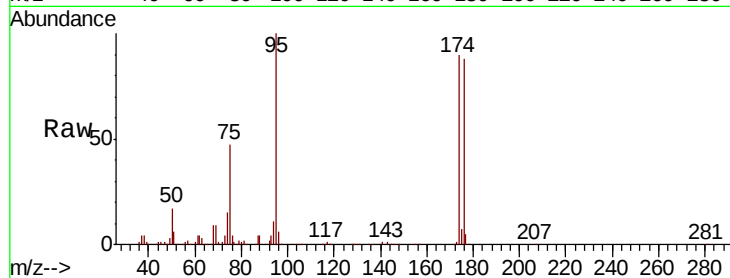




#81
trans-1,4-Dichloro-2-butene
Concen: 88.190 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN056610.D
Acq: 8 Jul 2019 15:31

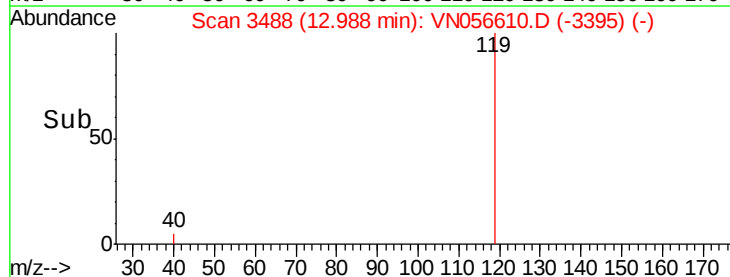
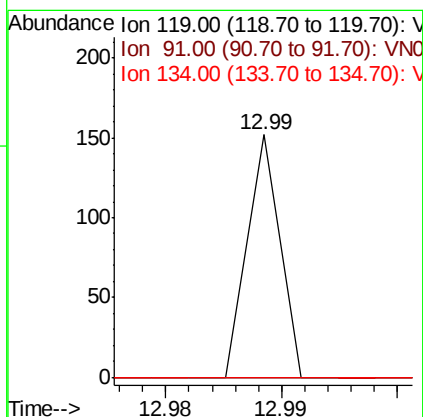
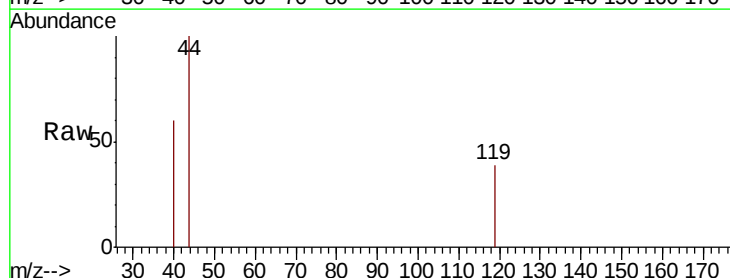
Instrument :
MSVOA_N
ClientSampleId :
SHORT-WALL-AREA

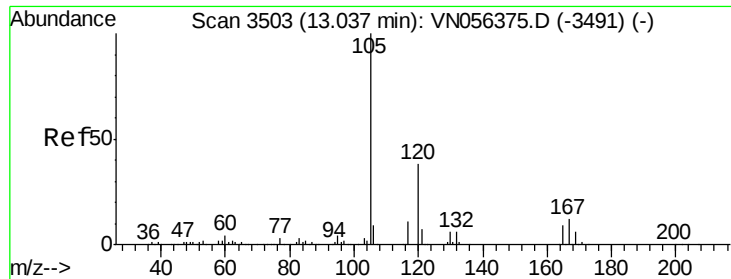
Tot Ion: 75 Resp: 115344
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 35.0 52.6#



#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3488
Delta R.T. -0.00 min
Lab File: VN056610.D
Acq: 8 Jul 2019 15:31

Tgt Ion: 119 Resp: 29
Ion Ratio Lower Upper
119 100
91 0.0 31.6 94.7#
134 0.0 13.2 39.5#

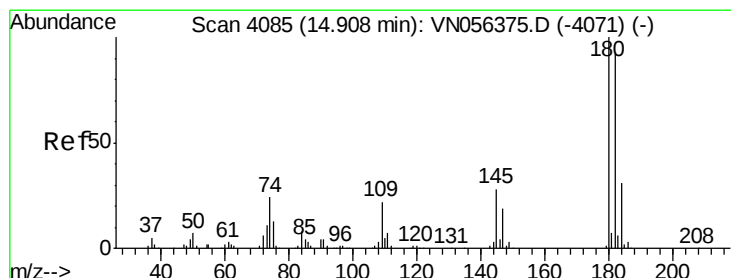
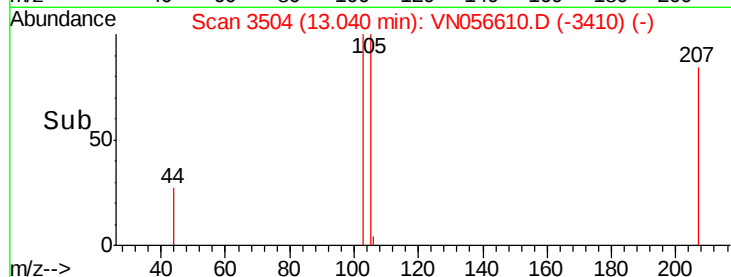
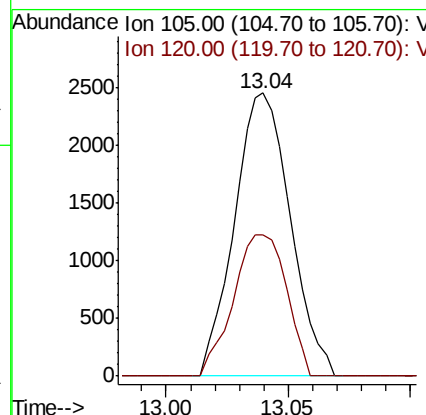
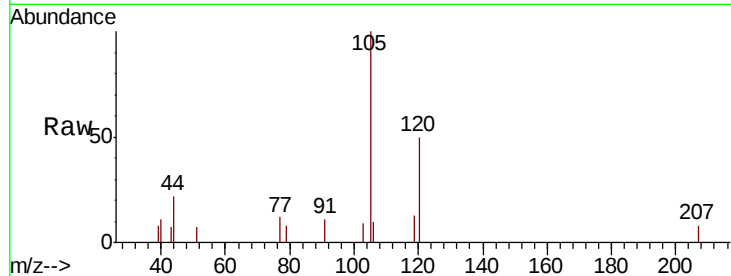




#84
 1,2,4-Trimethylbenzene
 Concen: 0.258 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056610.D
 Acq: 8 Jul 2019 15:31

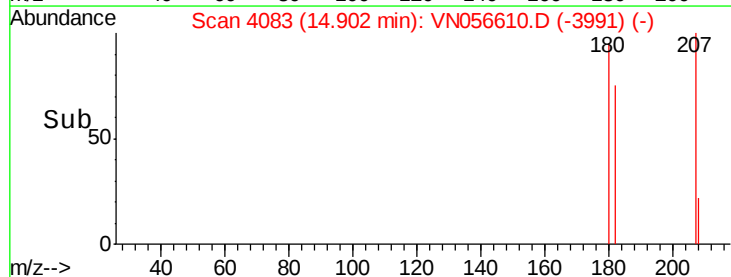
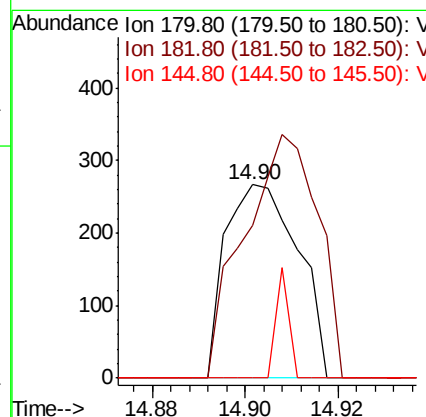
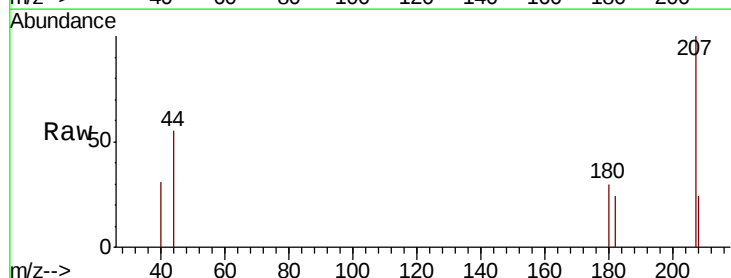
Instrument :
 MSVOA_N
 ClientSampleId :
 SHORT-WALL-AREA

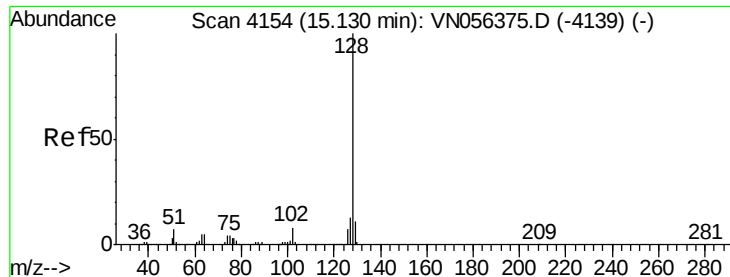
Tot Ion:105 Resp: 3891
 Ion Ratio Lower Upper
 105 100
 120 47.5 22.9 68.8



#93
 1,2,4-Trichlorobenzene
 Concen: 5.680 ug/l
 RT: 14.90 min Scan# 4083
 Delta R.T. -0.01 min
 Lab File: VN056610.D
 Acq: 8 Jul 2019 15:31

Tgt Ion:180 Resp: 291
 Ion Ratio Lower Upper
 180 100
 182 127.1 46.9 140.6
 145 10.0 14.4 43.0#





#95

Naphthalene

Concen: 6.708 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056610.D

Acq: 8 Jul 2019 15:31

Instrument :

MSVOA_N

ClientSampleId :

SHORT-WALL-AREA

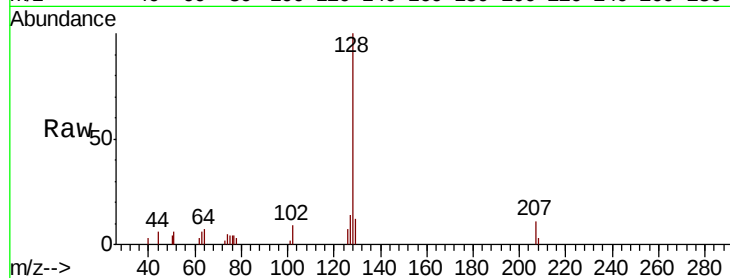
Tot Ion:128 Resp: 16768

Ion Ratio Lower Upper

128 100

127 12.2 10.2 15.2

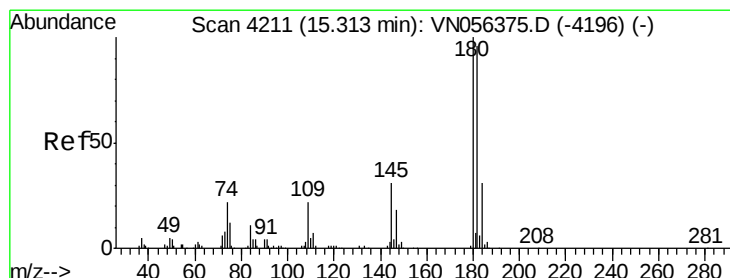
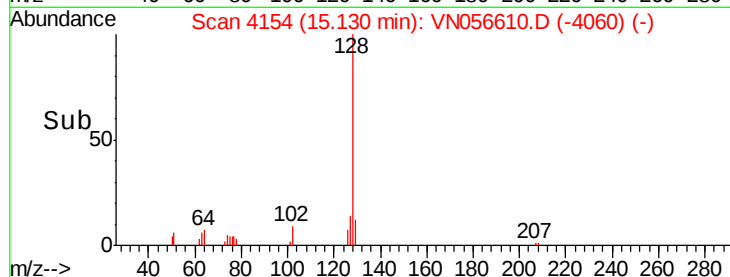
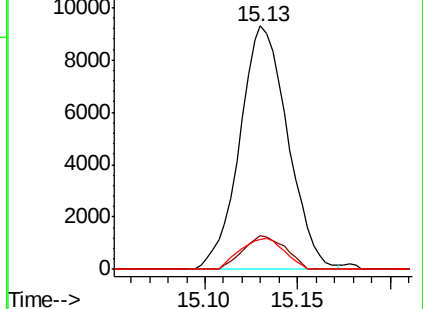
129 11.7 8.6 12.8



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: 4.602 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN056610.D

Acq: 8 Jul 2019 15:31

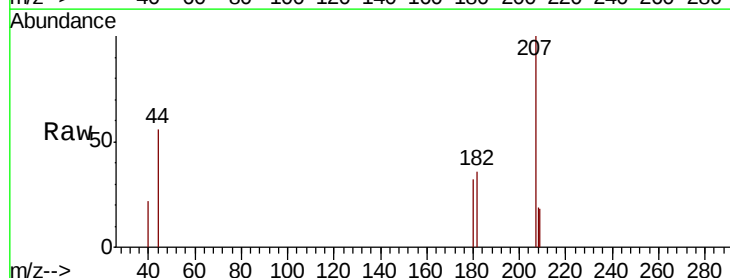
Tgt Ion:180 Resp: 537

Ion Ratio Lower Upper

180 100

182 80.8 48.3 144.8

145 5.4 15.4 46.1#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

