

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092619\
 Data File : VN058387.D
 Acq On : 26 Sep 2019 15:42
 Operator : JC/SP
 Sample : K5049-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-8

Quant Time: Sep 27 02:36:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	516401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	828632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	659659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	261532	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	364017	50.61	ug/l	0.00
Spiked Amount			Recovery	=	101.22%	
35) Dibromofluoromethane	7.57	113	241011	47.84	ug/l	0.00
Spiked Amount			Recovery	=	95.68%	
50) Toluene-d8	10.08	98	1019398	51.94	ug/l	0.00
Spiked Amount			Recovery	=	103.88%	
62) 4-Bromofluorobenzene	12.41	95	303495	41.63	ug/l	0.00
Spiked Amount			Recovery	=	83.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	391564	92.304	ug/l	98
3) Chloromethane	2.00	50	55508	16.278	ug/l #	43
4) Vinyl Chloride	2.00	62	16387	3.745	ug/l #	1
5) Bromomethane	2.55	94	336	0.897	ug/l #	10
6) Chloroethane	2.67	64	600	Below Cal		93
11) Tert butyl alcohol	4.69	59	1904	2.225	ug/l #	71
15) Acrylonitrile	5.01	53	2730	1.198	ug/l #	17
16) Acetone	3.81	43	15432	6.321	ug/l	98
17) Carbon Disulfide	3.99	76	4816	1.345	ug/l	99
18) Methyl Acetate	4.31	43	3465	0.539	ug/l #	86
19) Methyl tert-butyl Ether	5.02	73	435125	27.634	ug/l	99
20) Methylene Chloride	4.54	84	30	Below Cal	#	3
29) Tetrahydrofuran	7.20	42	8166	3.986	ug/l	92
31) Cyclohexane	7.64	56	13766	Below Cal	#	1
36) 1,1-Dichloropropene	7.64	75	45783	7.662	ug/l #	50
38) Carbon Tetrachloride	7.64	117	52188	8.688	ug/l #	15
40) Benzene	8.02	78	11979	0.656	ug/l	93
41) Methacrylonitrile	7.16	41	166	0.963	ug/l #	100
43) Isopropyl Acetate	8.17	43	42093	3.634	ug/l #	58
49) 1,4-Dioxane	9.22	88	326	3.776	ug/l #	26
51) 4-Methyl-2-Pentanone	9.99	43	1282	0.208	ug/l #	37
52) Toluene	10.15	92	13003	1.137	ug/l	98
67) Ethyl Benzene	11.51	91	20878	1.050	ug/l	100
68) m/p-Xylenes	11.62	106	10584	1.413	ug/l	93
69) o-Xylene	11.95	106	6495	0.882	ug/l	90
70) Styrene	11.97	104	12009	0.947	ug/l	98
71) Bromoform	12.40	173	1148	3.937	ug/l #	1
76) 1,2,3-Trichloropropane	12.41	75	166171	35.502	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	3452	0.249	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.41	75	166171	99.229	ug/l #	5
84) 1,2,4-Trimethylbenzene	13.05	105	9999	0.726	ug/l	93
90) Hexachloroethane	13.95	117	205	2.900	ug/l #	12
95) Naphthalene	15.14	128	43467	3.479	ug/l	100

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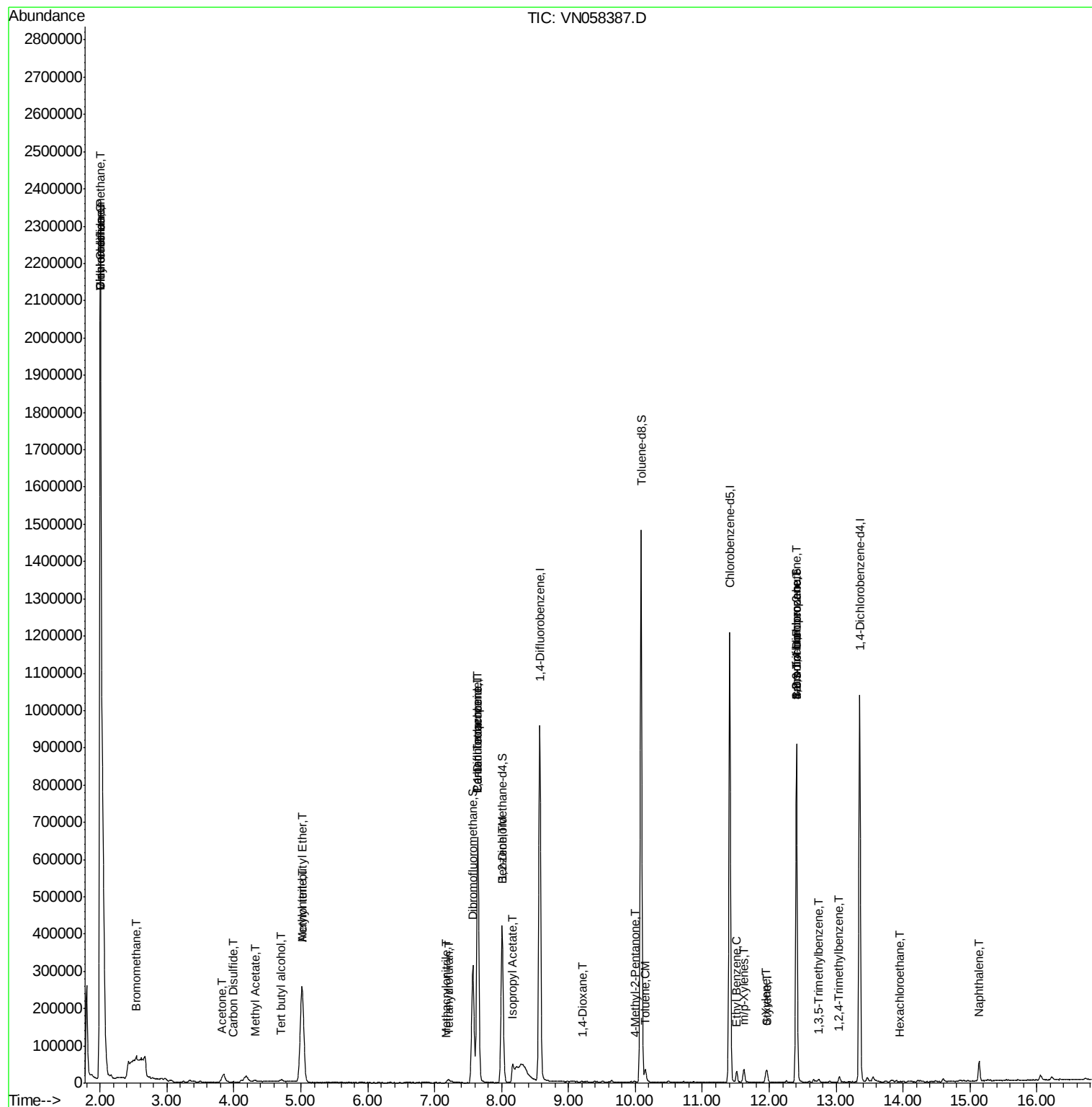
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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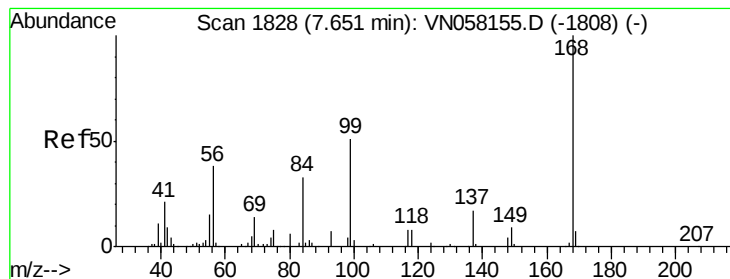
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092619\
Data File : VN058387.D
Acq On : 26 Sep 2019 15:42
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Sample : K5049-07
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.01 min

Lab File: VN058387.D

Acq: 26 Sep 2019 15:42

Instrument :

MSVOA_N

ClientSampled :

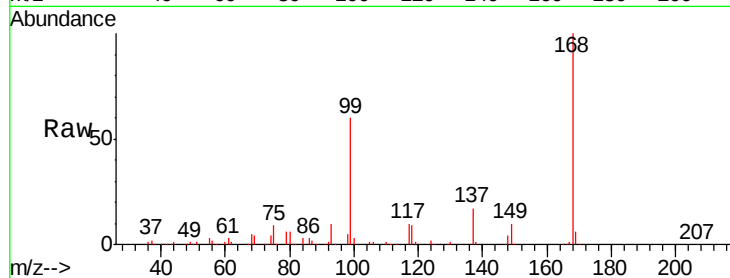
MW-8

Tgt Ion:168 Resp: 516401

Ion Ratio Lower Upper

168 100

99 60.2 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): VN058155.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN058155.D (-1808) (-)

7.64

250000

200000

150000

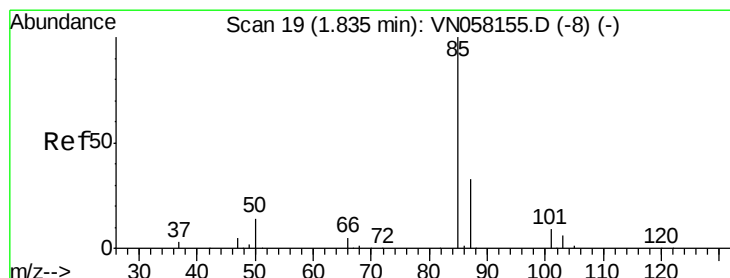
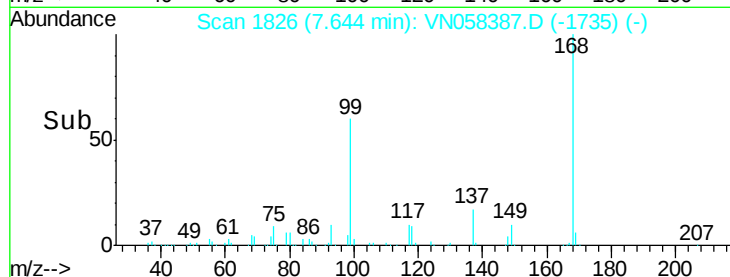
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 92.304 ug/l

RT: 2.00 min Scan# 72

Delta R.T. 0.17 min

Lab File: VN058387.D

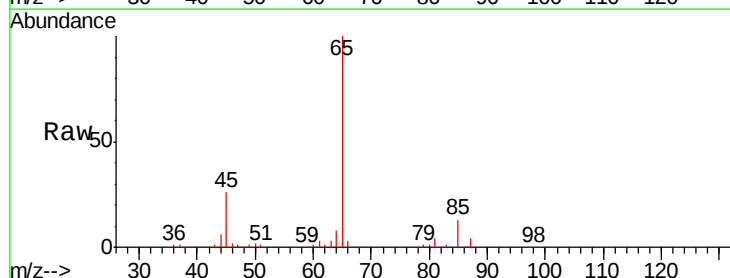
Acq: 26 Sep 2019 15:42

Tgt Ion: 85 Resp: 391564

Ion Ratio Lower Upper

85 100

87 31.7 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN058155.D (-8) (-)

Ion 86.90 (86.60 to 87.60): VN058155.D (-8) (-)

2.00

200000

150000

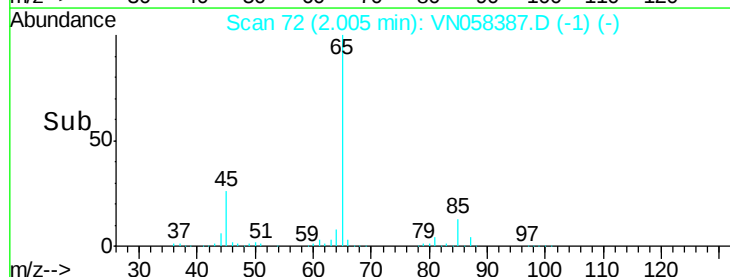
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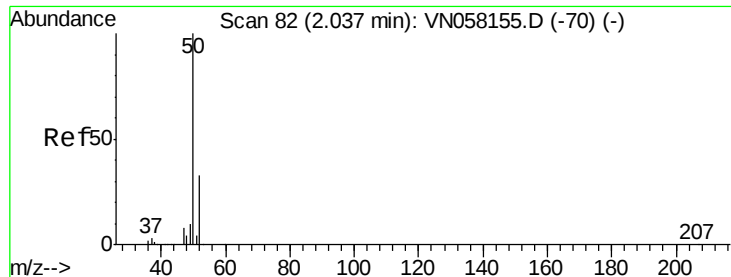
50000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 16.278 ug/l

RT: 2.00 min Scan# 71

Delta R.T. -0.04 min

Lab File: VN058387.D

Acq: 26 Sep 2019 15:42

Instrument :

MSVOA_N

ClientSampled :

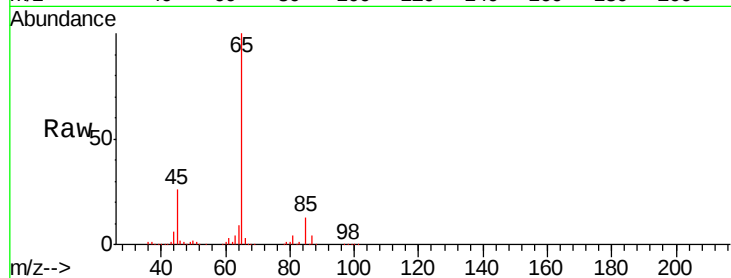
MW-8

Tgt Ion: 50 Resp: 55508

Ion Ratio Lower Upper

50 100

52 0.7 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.00

25000

20000

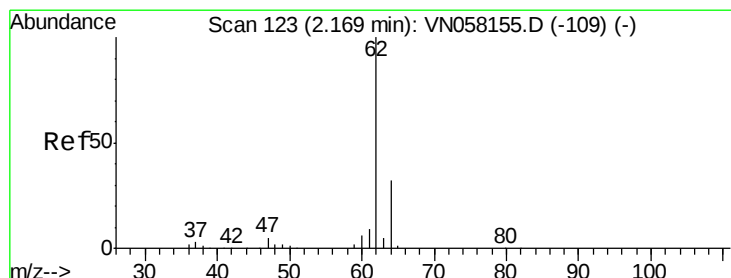
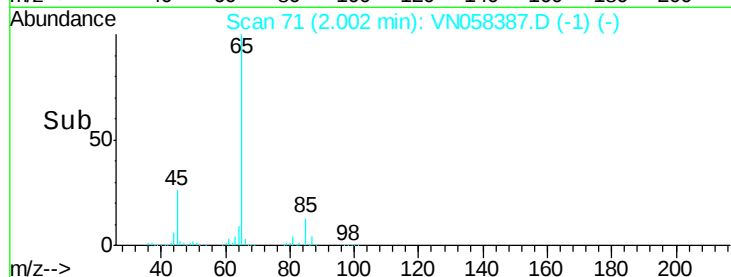
15000

10000

5000

0

Time-->



#4

Vinyl Chloride

Concen: 3.745 ug/l

RT: 2.00 min Scan# 71

Delta R.T. -0.17 min

Lab File: VN058387.D

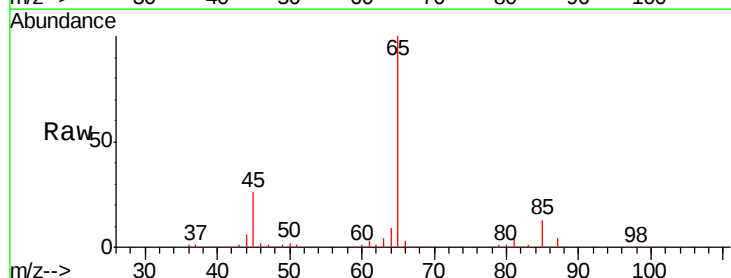
Acq: 26 Sep 2019 15:42

Tgt Ion: 62 Resp: 16387

Ion Ratio Lower Upper

62 100

64 1561.4 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

120000

100000

80000

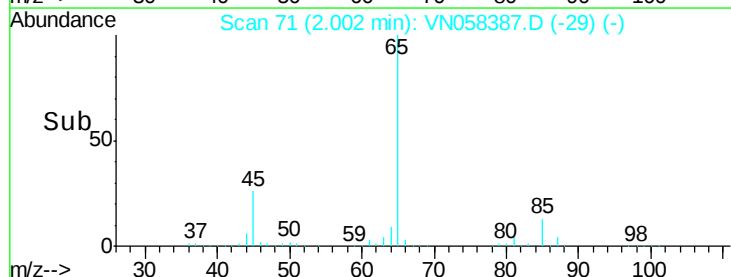
60000

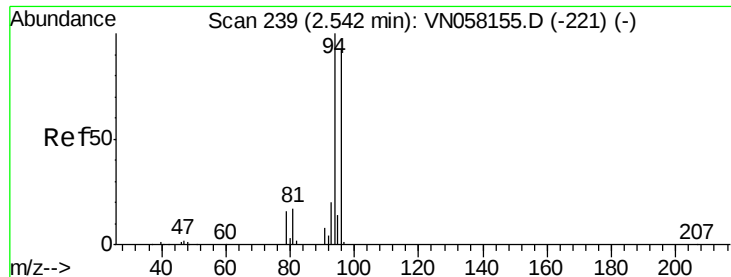
40000

20000

0

Time-->





#5

Bromomethane

Concen: 0.897 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.01 min

Lab File: VN058387.D

Acq: 26 Sep 2019 15:42

Instrument :

MSVOA_N

ClientSampled :

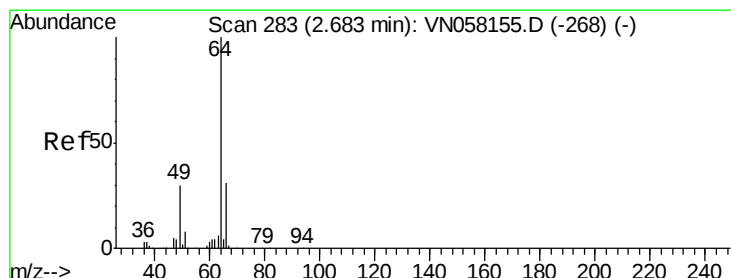
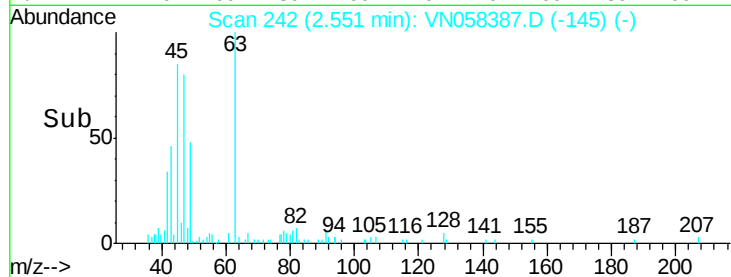
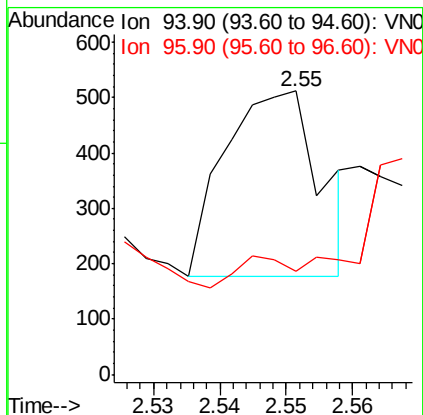
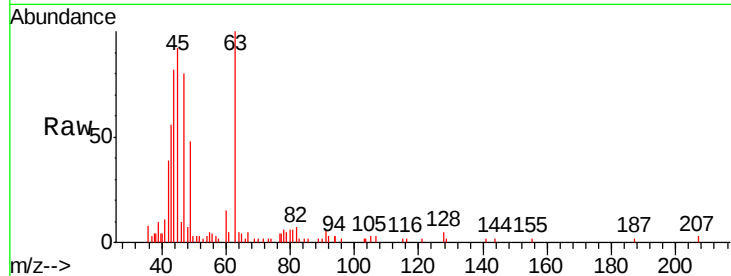
MW-8

Tgt Ion: 94 Resp: 336

Ion Ratio Lower Upper

94 100

96 5.7 73.3 109.9#



#6

Chloroethane

Concen: Below Cal

RT: 2.67 min Scan# 279

Delta R.T. -0.01 min

Lab File: VN058387.D

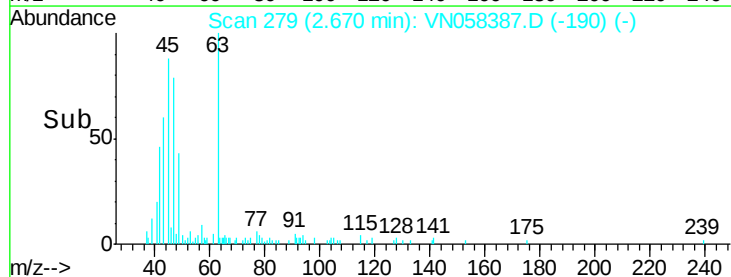
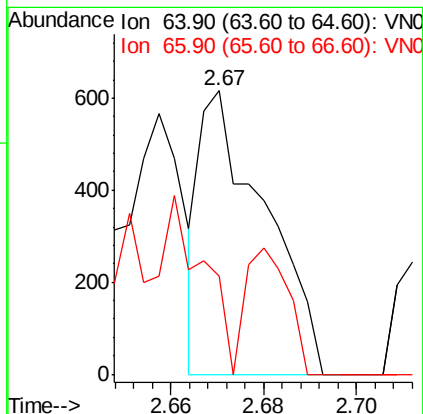
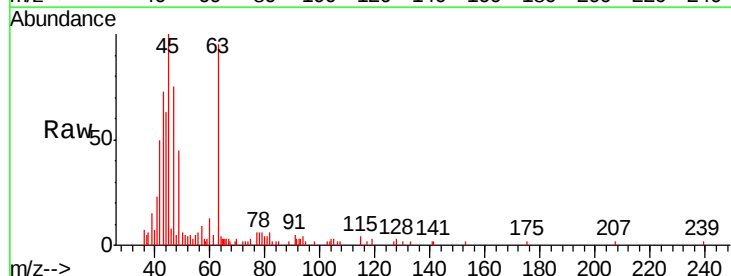
Acq: 26 Sep 2019 15:42

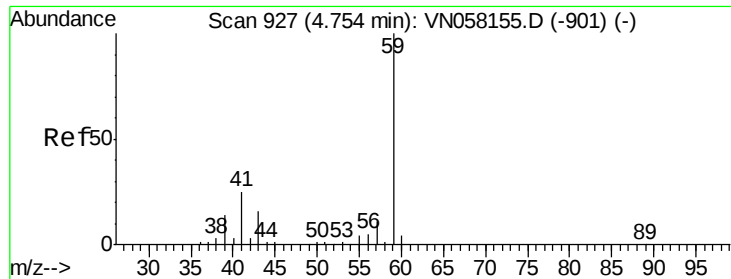
Tgt Ion: 64 Resp: 600

Ion Ratio Lower Upper

64 100

66 34.4 24.6 37.0

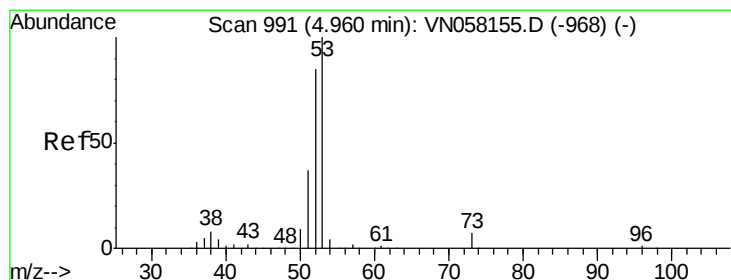
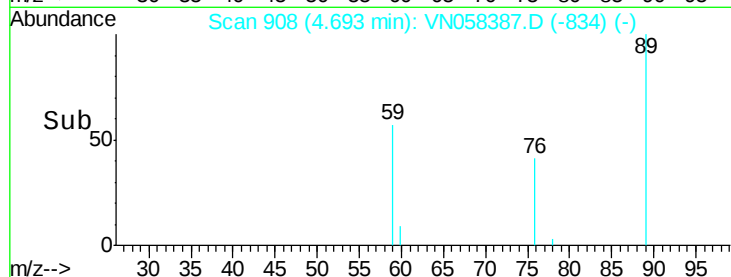
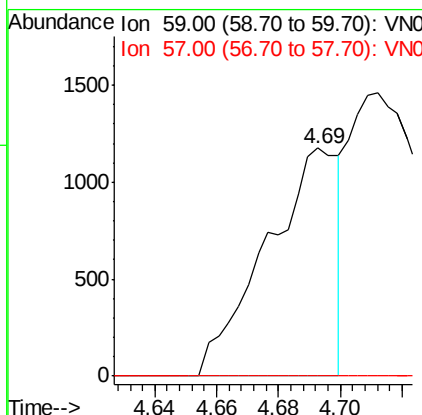
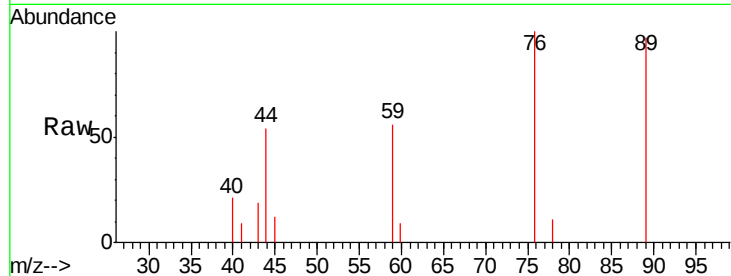




#11
Tert butyl alcohol
Concen: 2.225 ug/l
RT: 4.69 min Scan# 908
Delta R.T. -0.06 min
Lab File: VN058387.D
Acq: 26 Sep 2019 15:42

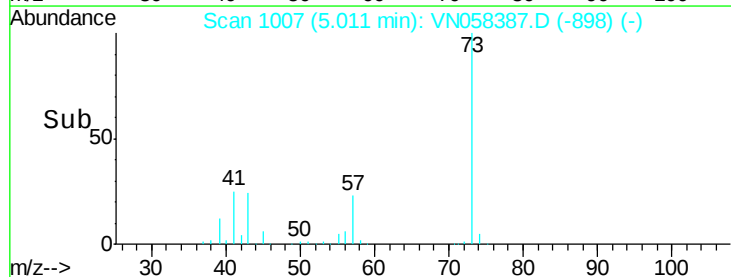
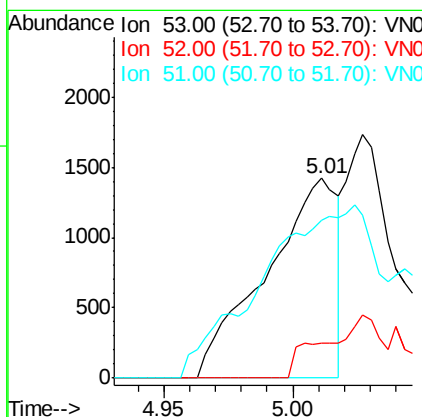
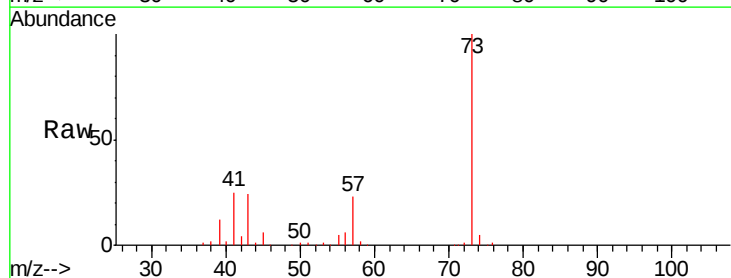
Instrument :
MSVOA_N
ClientSampleId :
MW-8

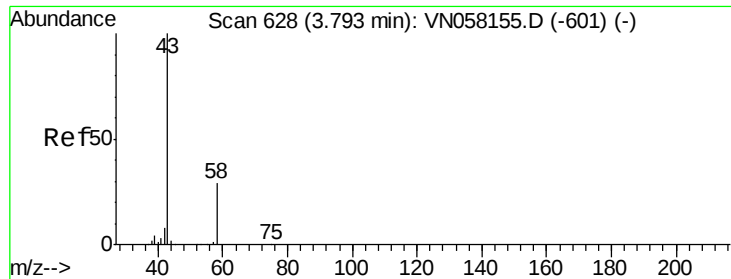
Tgt Ion: 59 Resp: 1904
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#15
Acrylonitrile
Concen: 1.198 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.05 min
Lab File: VN058387.D
Acq: 26 Sep 2019 15:42

Tgt Ion: 53 Resp: 2730
Ion Ratio Lower Upper
53 100
52 0.0 66.6 100.0#
51 0.0 29.7 44.5#





#16

Acetone

Concen: 6.321 ug/l

RT: 3.81 min Scan# 635

Delta R.T. 0.02 min

Lab File: VN058387.D

Acq: 26 Sep 2019 15:42

Instrument :

MSVOA_N

ClientSampled :

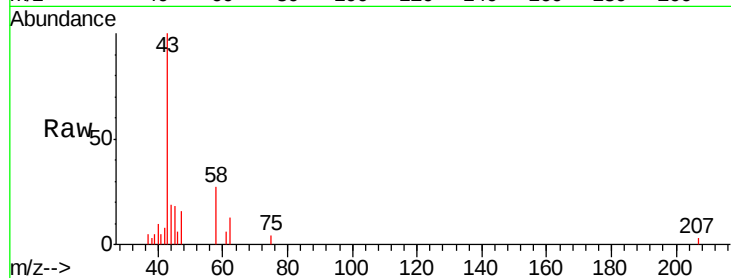
MW-8

Tgt Ion: 43 Resp: 15432

Ion Ratio Lower Upper

43 100

58 28.5 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.81

6000

5000

4000

3000

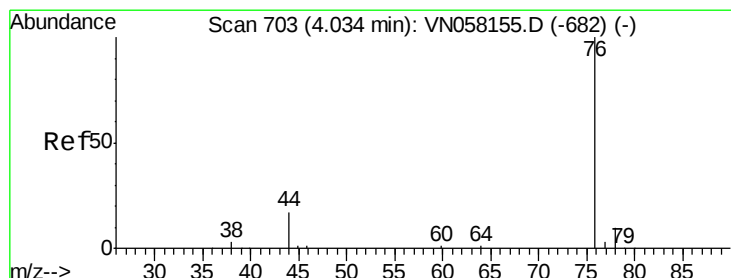
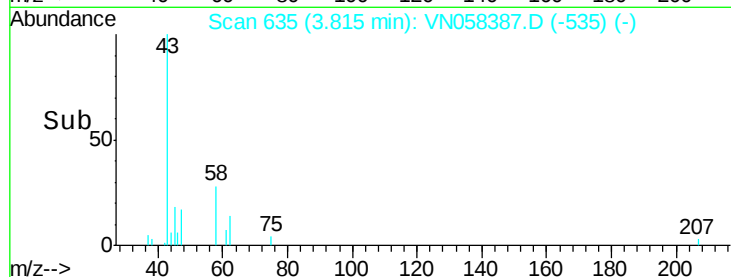
2000

1000

0

Time-->

3.75 3.80 3.85 3.90



#17

Carbon Disulfide

Concen: 1.345 ug/l

RT: 3.99 min Scan# 690

Delta R.T. -0.04 min

Lab File: VN058387.D

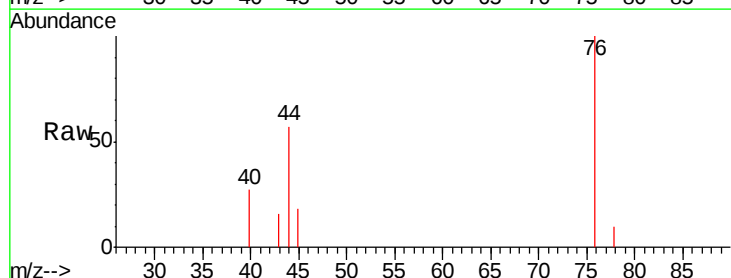
Acq: 26 Sep 2019 15:42

Tgt Ion: 76 Resp: 4816

Ion Ratio Lower Upper

76 100

78 9.9 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

3.99

2000

1500

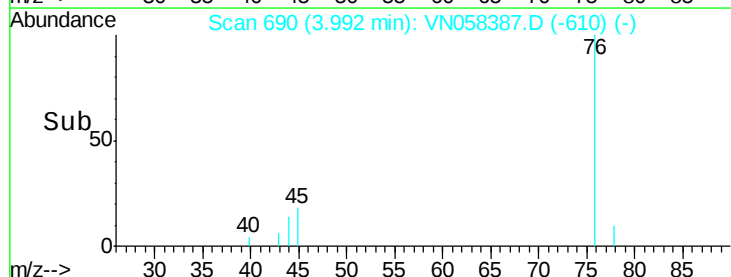
1000

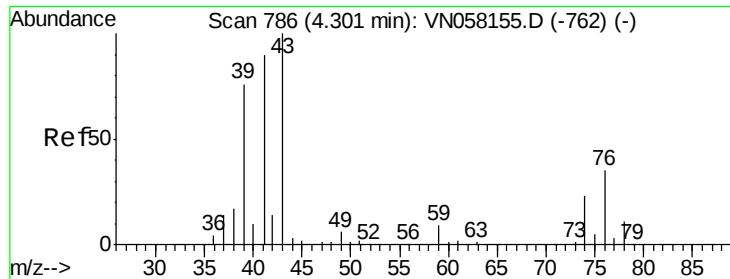
500

0

Time-->

3.95 4.00 4.05

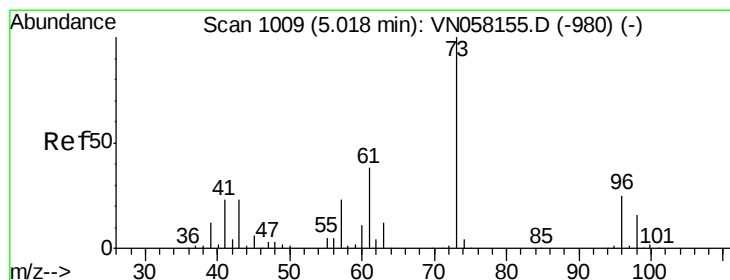
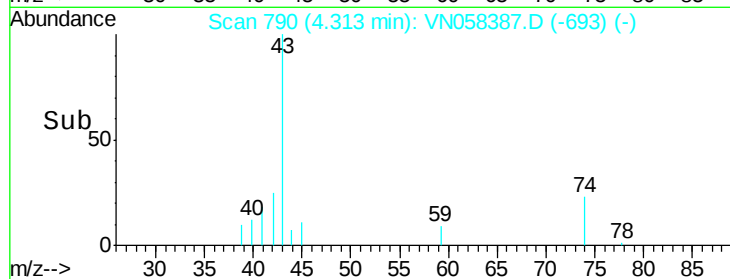
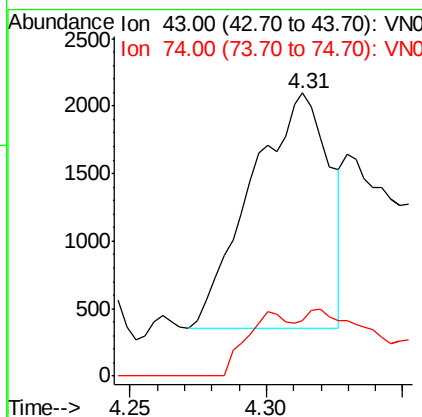
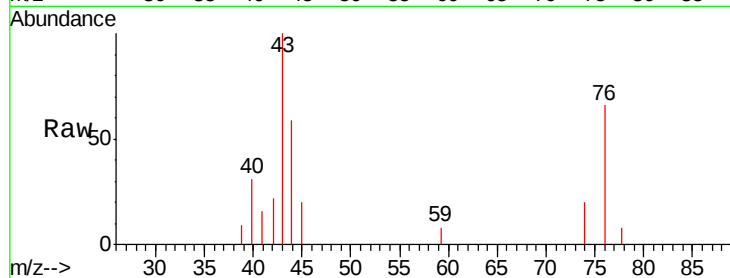




#18
Methyl Acetate
Concen: 0.539 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.01 min
Lab File: VN058387.D
Acq: 26 Sep 2019 15:42

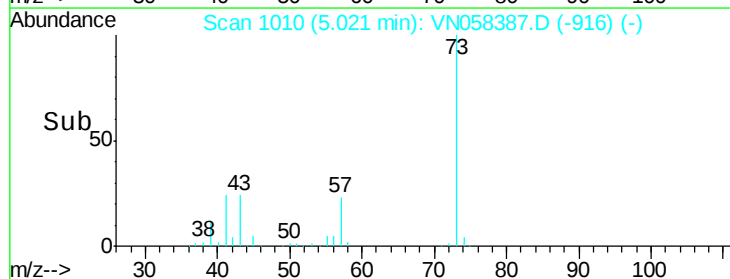
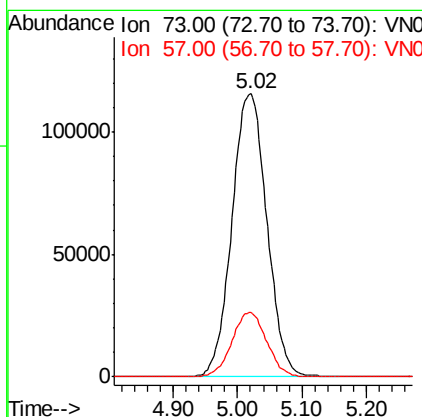
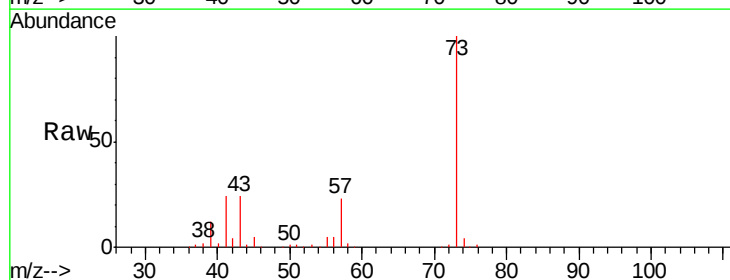
Instrument :
MSVOA_N
ClientSampled :
MW-8

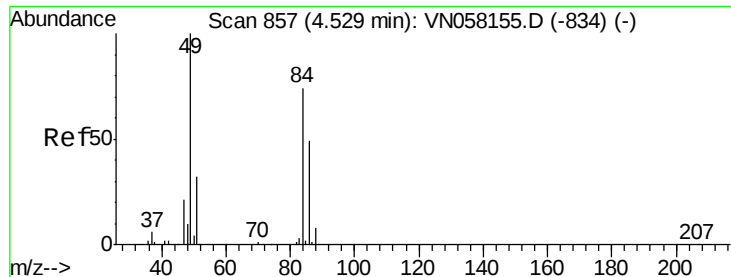
Tgt Ion: 43 Resp: 3465
Ion Ratio Lower Upper
43 100
74 15.9 18.0 27.0#



#19
Methyl tert-butyl Ether
Concen: 27.634 ug/l
RT: 5.02 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN058387.D
Acq: 26 Sep 2019 15:42

Tgt Ion: 73 Resp: 435125
Ion Ratio Lower Upper
73 100
57 23.0 18.1 27.1





#20

Methylene Chloride

Concen: Below Cal

RT: 4.54 min Scan# 860

Delta R.T. 0.01 min

Lab File: VN058387.D

Acq: 26 Sep 2019 15:42

Instrument :

MSVOA_N

ClientSampled :

MW-8

Tgt Ion: 84 Resp: 30

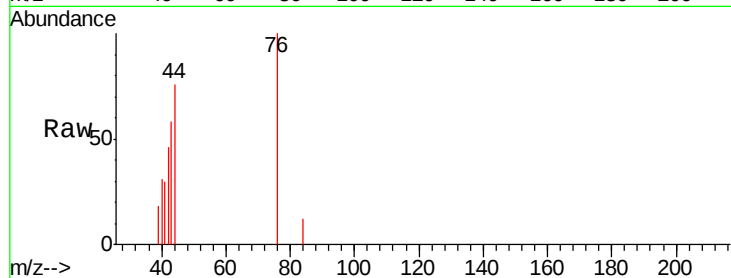
Ion Ratio Lower Upper

84 100

49 0.0 107.5 161.3#

51 0.0 33.9 50.9#

86 0.0 52.4 78.6#



Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0

250

200

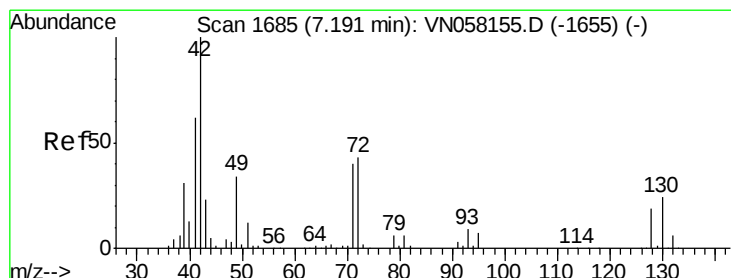
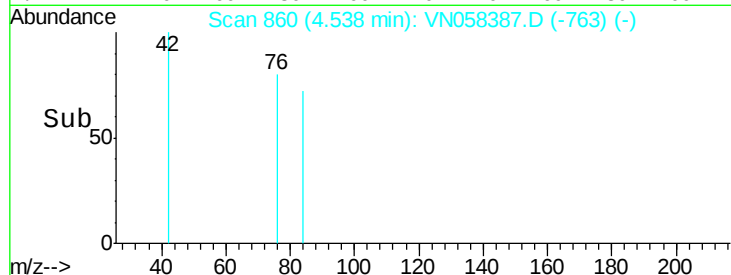
150

100

50

0

Time-->



#29

Tetrahydrofuran

Concen: 3.986 ug/l

RT: 7.20 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VN058387.D

Acq: 26 Sep 2019 15:42

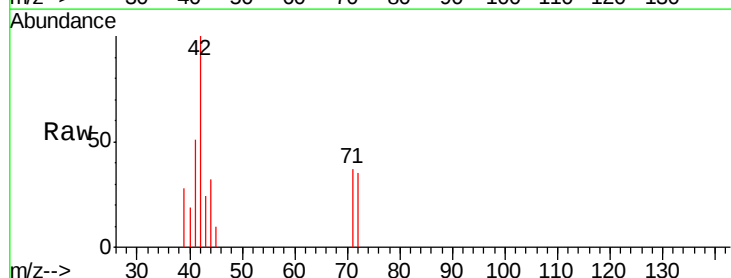
Tgt Ion: 42 Resp: 8166

Ion Ratio Lower Upper

42 100

72 38.5 33.8 50.6

71 32.4 31.4 47.0



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

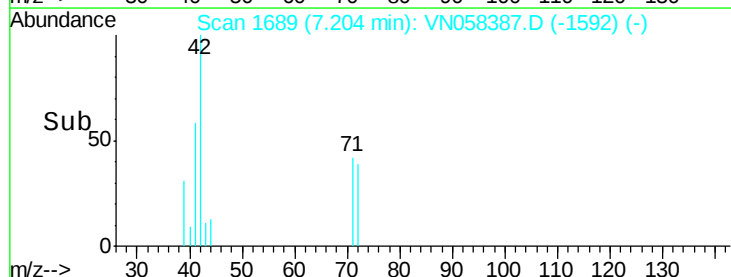
3000

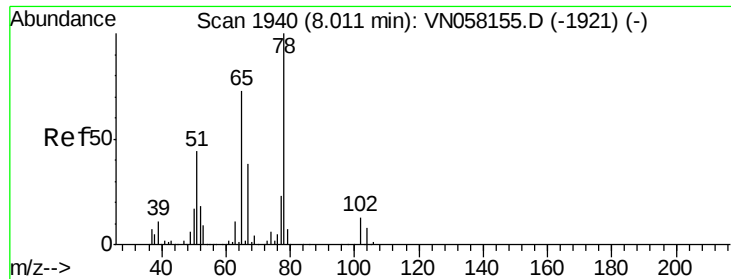
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.611 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. -0.00 min

Lab File: VN058387.D

Acq: 26 Sep 2019 15:42

Instrument :

MSVOA_N

ClientSampleId :

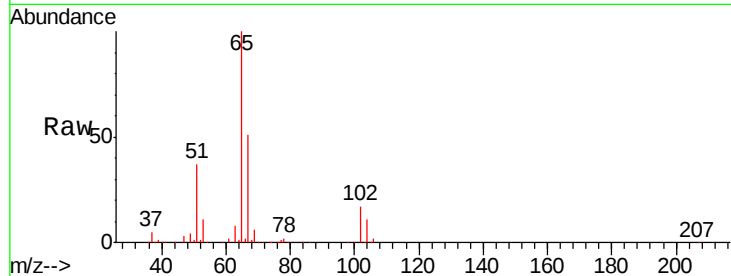
MW-8

Tgt Ion: 65 Resp: 364017

Ion Ratio Lower Upper

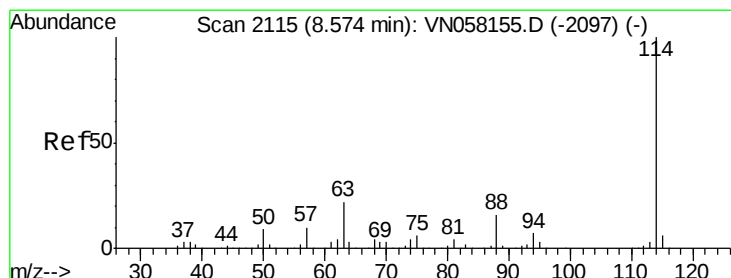
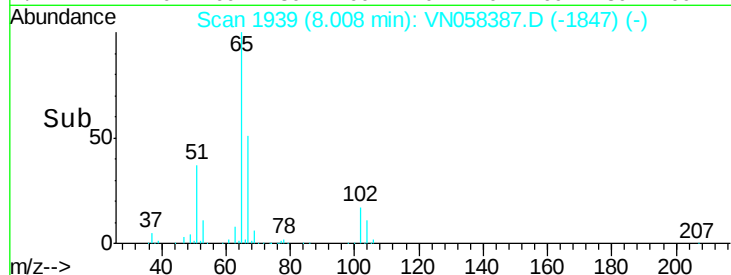
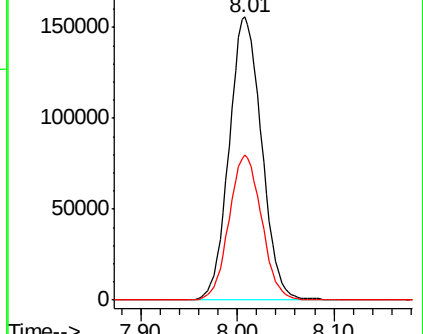
65 100

67 51.3 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VN058387.D

Acq: 26 Sep 2019 15:42

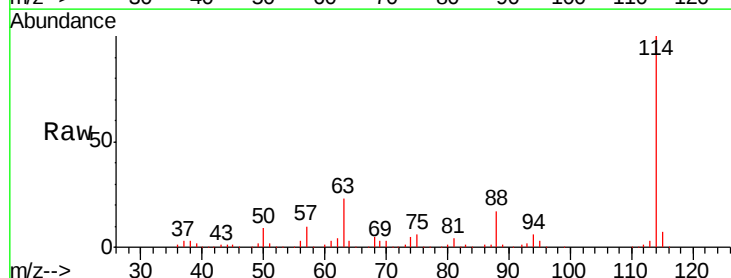
Tgt Ion: 114 Resp: 828632

Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.2

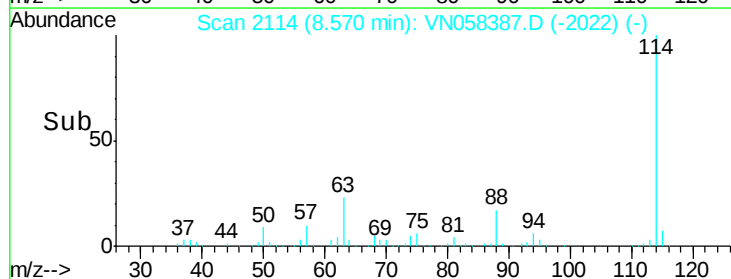
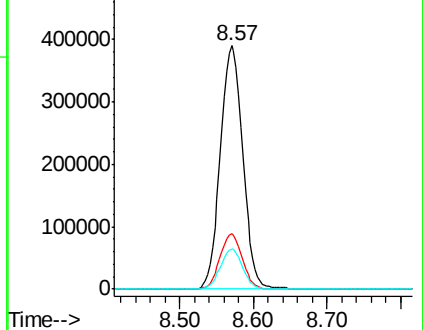
88 16.5 0.0 31.6

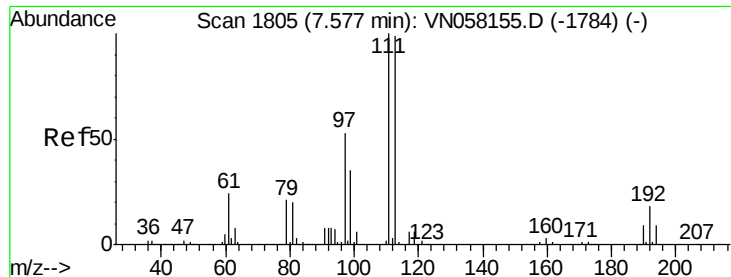


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

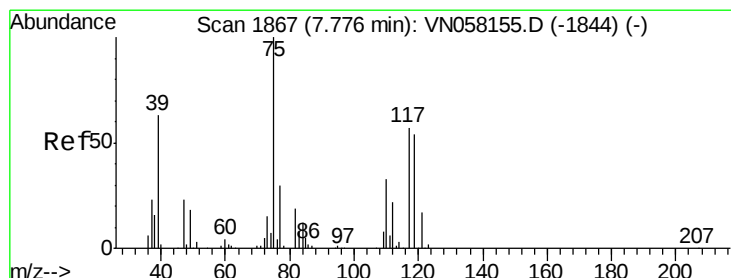
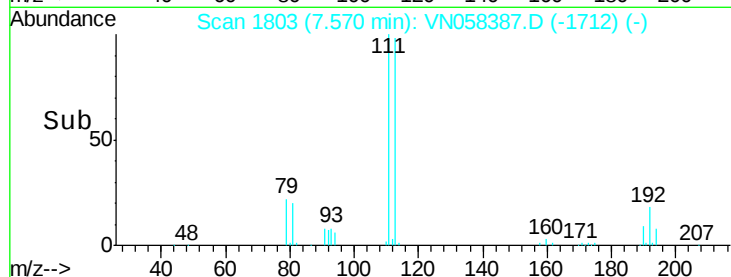
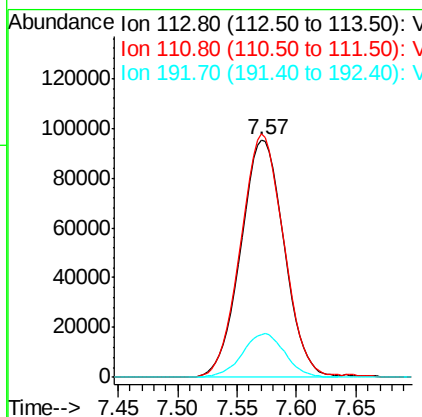
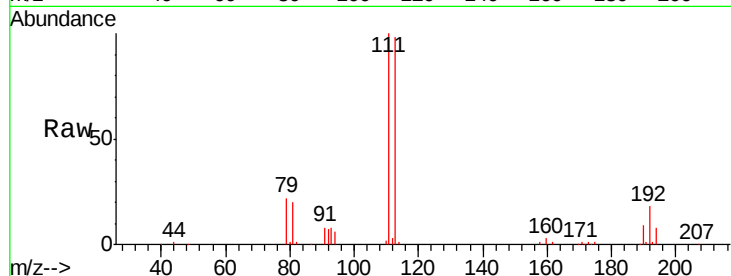




#35
 Dibromofluoromethane
 Concen: 47.844 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VN058387.D
 Acq: 26 Sep 2019 15:42

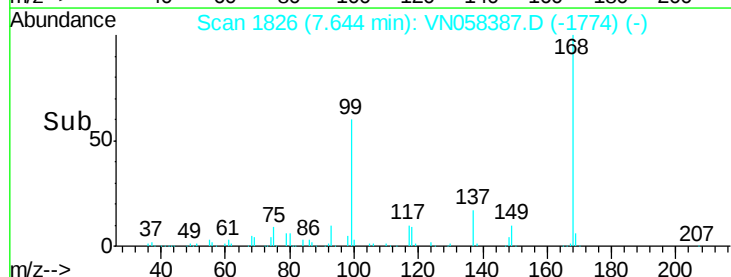
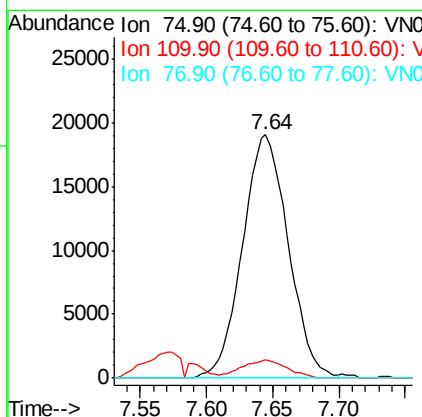
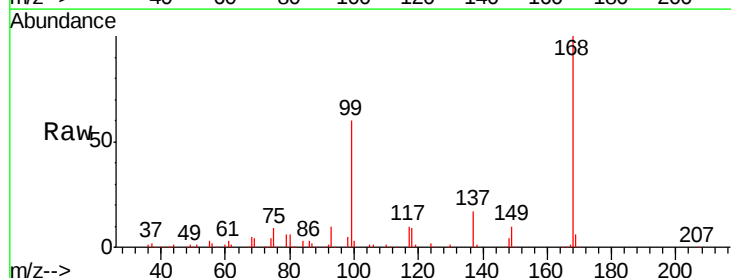
Instrument :
 MSVOA_N
 ClientSampled :
 MW-8

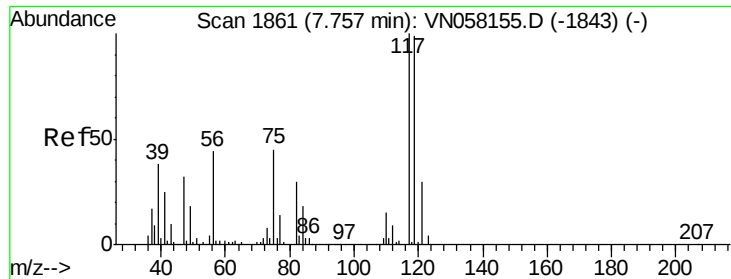
Tgt Ion:113 Resp: 241011
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.8 122.6
 192 18.2 14.5 21.7



#36
 1,1-Dichloropropene
 Concen: 7.662 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN058387.D
 Acq: 26 Sep 2019 15:42

Tgt Ion: 75 Resp: 45783
 Ion Ratio Lower Upper
 75 100
 110 7.4 16.6 49.7#
 77 0.0 24.3 36.5#

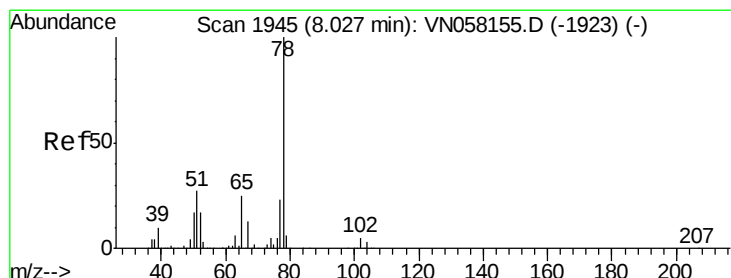
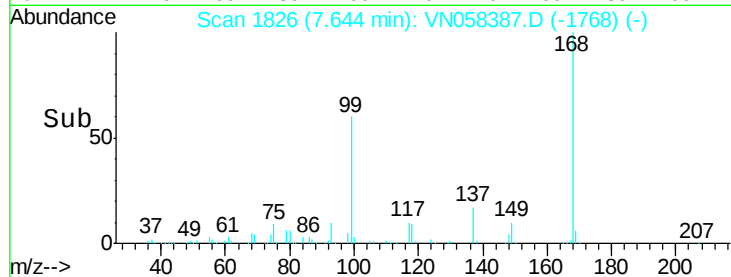
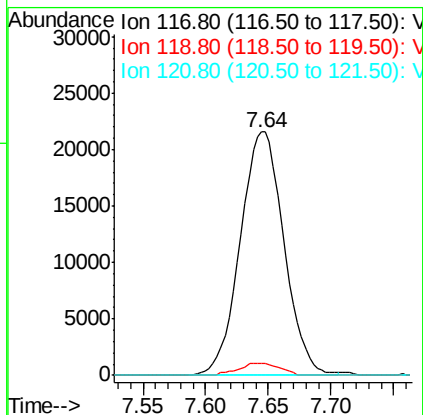
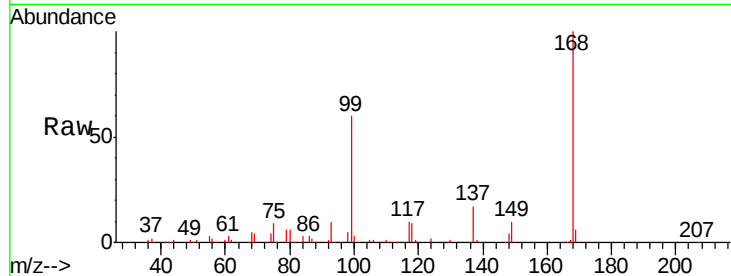




#38
Carbon Tetrachloride
Concen: 8.688 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.11 min
Lab File: VN058387.D
Acq: 26 Sep 2019 15:42

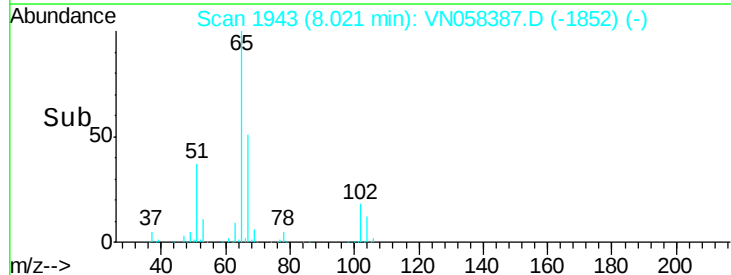
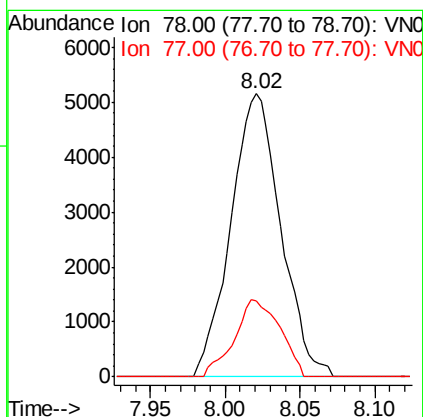
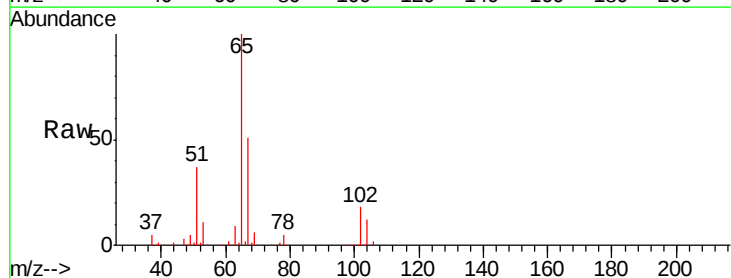
Instrument :
MSVOA_N
ClientSampled :
MW-8

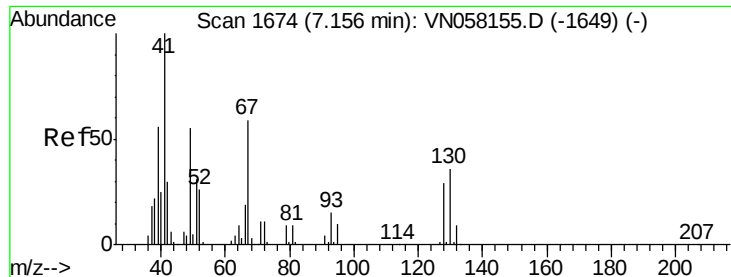
Tgt Ion:117 Resp: 52188
Ion Ratio Lower Upper
117 100
119 5.1 78.6 117.8#
121 0.0 24.1 36.1#



#40
Benzene
Concen: 0.656 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.01 min
Lab File: VN058387.D
Acq: 26 Sep 2019 15:42

Tgt Ion: 78 Resp: 11979
Ion Ratio Lower Upper
78 100
77 27.0 18.8 28.2

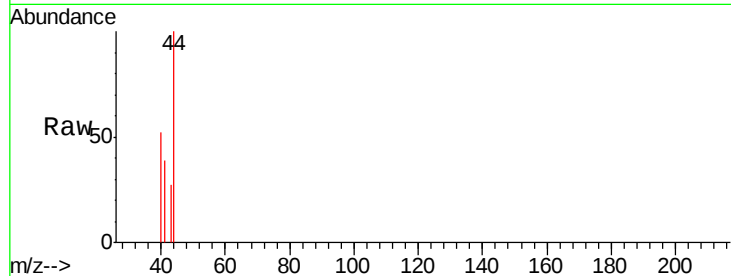




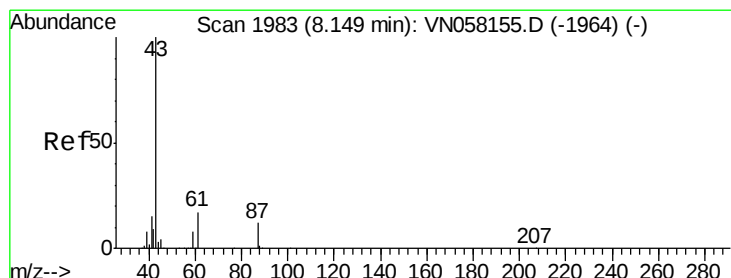
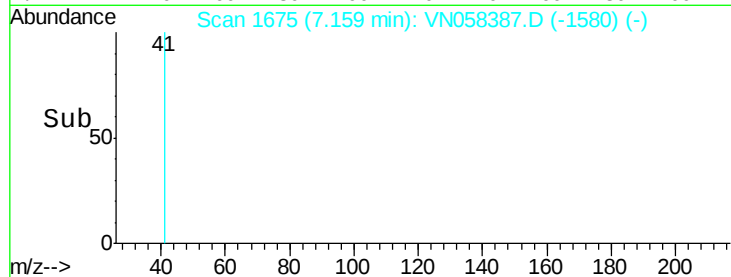
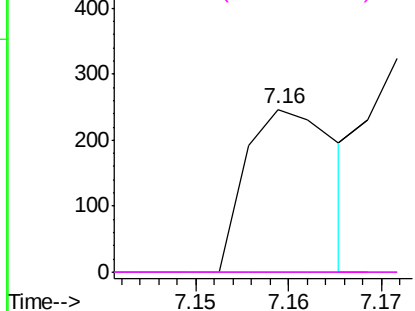
#41
Methacrylonitrile
Concen: 0.963 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN058387.D
Acq: 26 Sep 2019 15:42

Instrument :
MSVOA_N
ClientSampled :
MW-8

Tgt Ion:	41	Resp:	166
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

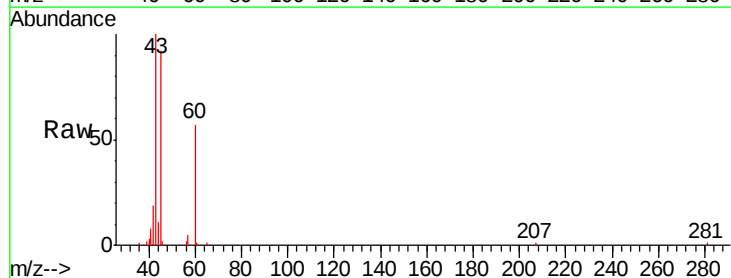


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

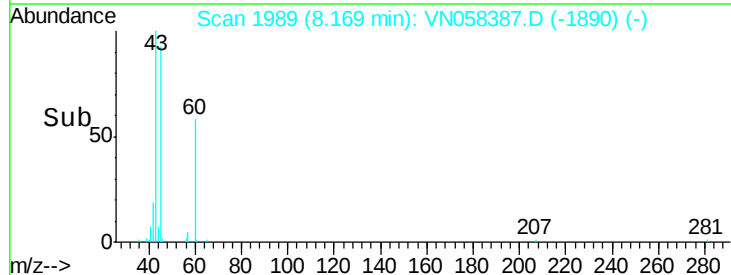
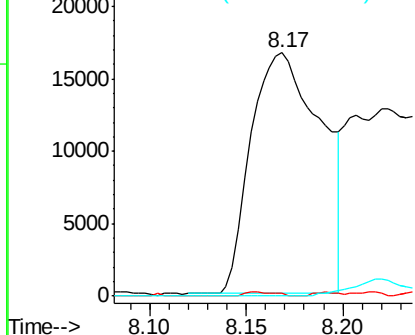


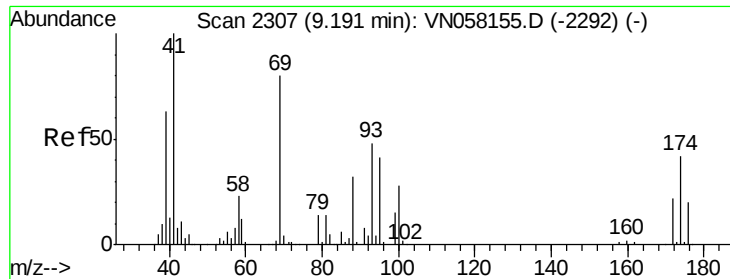
#43
Isopropyl Acetate
Concen: 3.634 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.02 min
Lab File: VN058387.D
Acq: 26 Sep 2019 15:42

Tgt Ion:	43	Resp:	42093
Ion	Ratio	Lower	Upper
43	100		
61	0.7	19.7	29.5#
87	0.0	9.4	14.2#



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

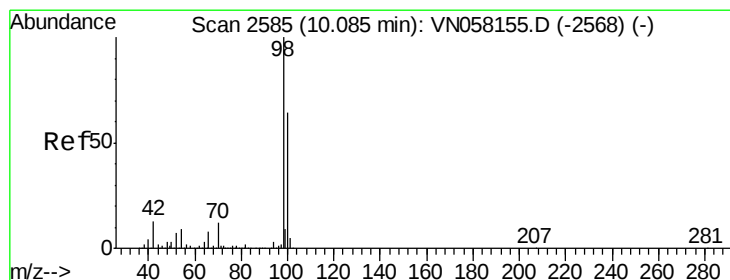
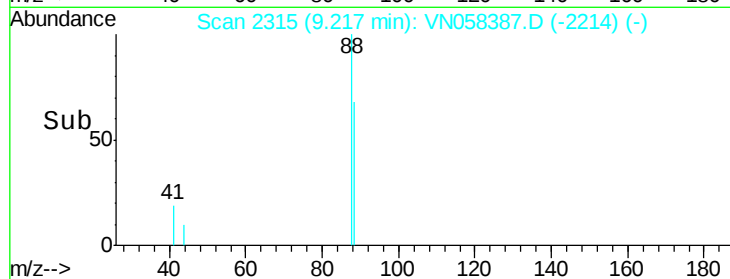
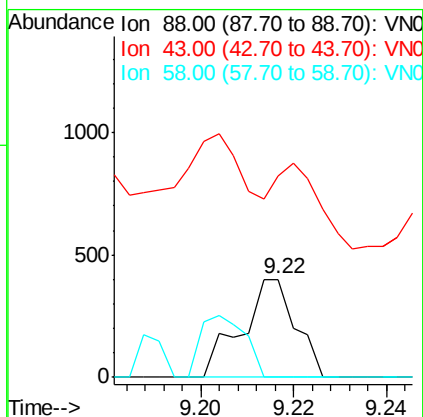
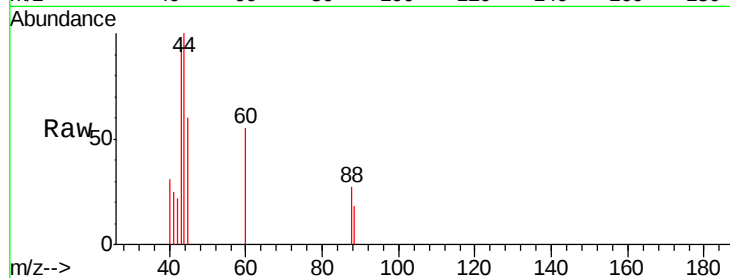




#49
 1,4-Dioxane
 Concen: 3.776 ug/l
 RT: 9.22 min Scan# 2315
 Delta R.T. 0.03 min
 Lab File: VN058387.D
 Acq: 26 Sep 2019 15:42

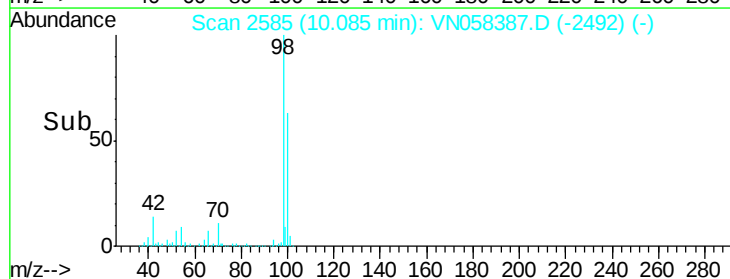
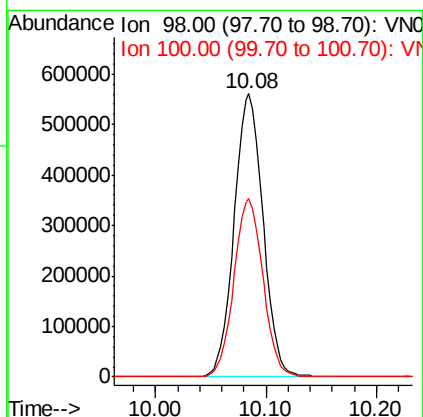
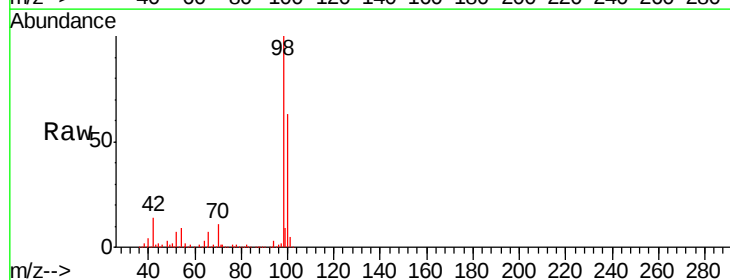
Instrument :
 MSVOA_N
 ClientSampled :
 MW-8

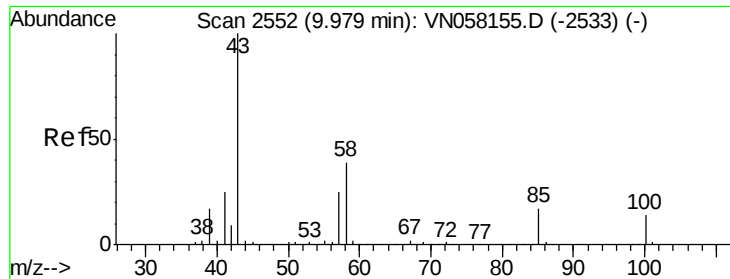
Tgt Ion: 88 Resp: 326
 Ion Ratio Lower Upper
 88 100
 43 64.7 27.8 41.8#
 58 0.0 55.0 82.4#



#50
 Toluene-d8
 Concen: 51.939 ug/l
 RT: 10.08 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: VN058387.D
 Acq: 26 Sep 2019 15:42

Tgt Ion: 98 Resp: 1019398
 Ion Ratio Lower Upper
 98 100
 100 63.3 51.1 76.7

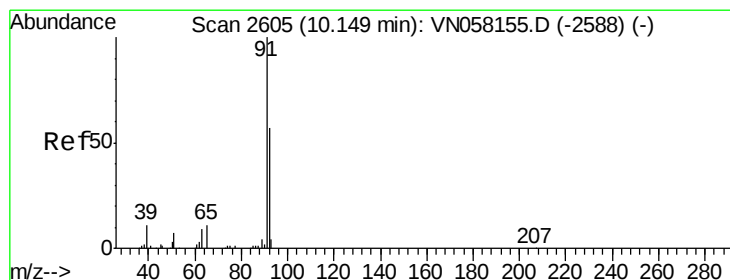
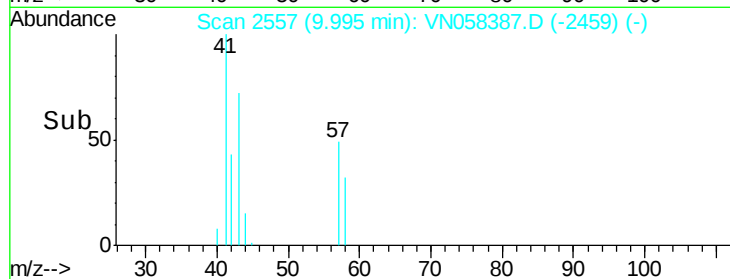
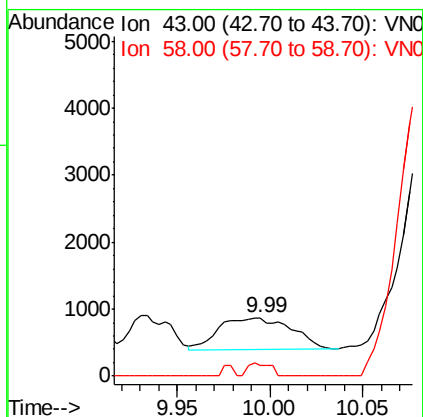
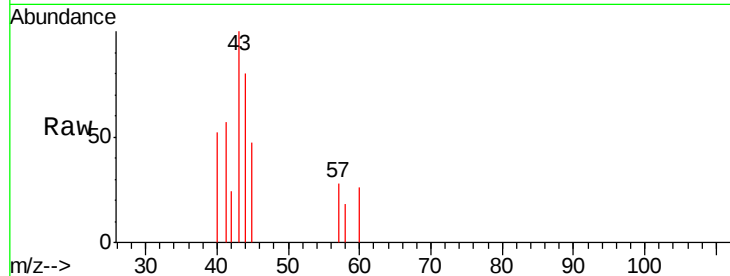




#51
 4-Methyl-2-Pentanone
 Concen: 0.208 ug/l
 RT: 9.99 min Scan# 2557
 Delta R.T. 0.02 min
 Lab File: VN058387.D
 Acq: 26 Sep 2019 15:42

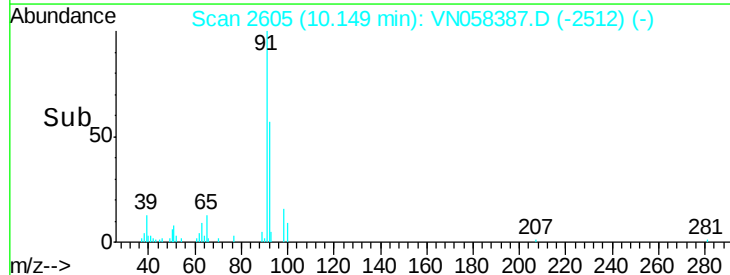
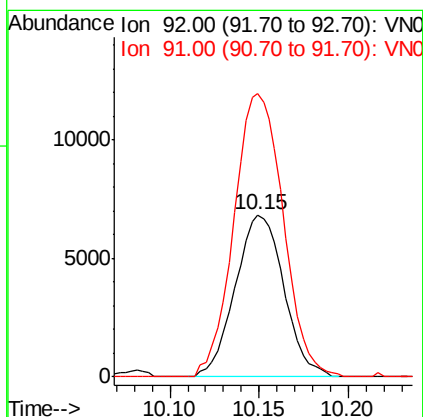
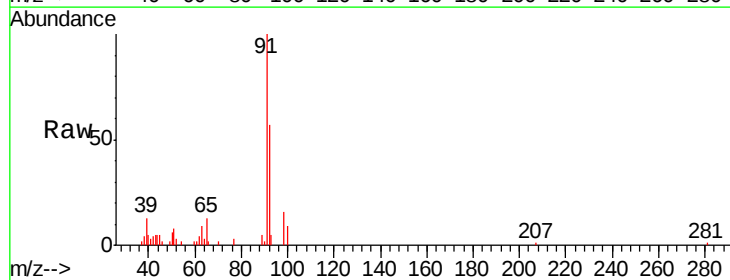
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-8

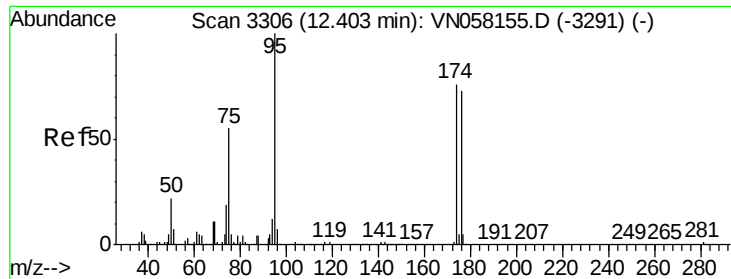
Tgt Ion: 43 Resp: 1282
 Ion Ratio Lower Upper
 43 100
 58 0.0 30.2 45.4#



#52
 Toluene
 Concen: 1.137 ug/l
 RT: 10.15 min Scan# 2605
 Delta R.T. -0.00 min
 Lab File: VN058387.D
 Acq: 26 Sep 2019 15:42

Tgt Ion: 92 Resp: 13003
 Ion Ratio Lower Upper
 92 100
 91 177.4 140.2 210.2





#62

4-Bromofluorobenzene

Concen: 41.628 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058387.D

Acq: 26 Sep 2019 15:42

Instrument :

MSVOA_N

ClientSampleId :

MW-8

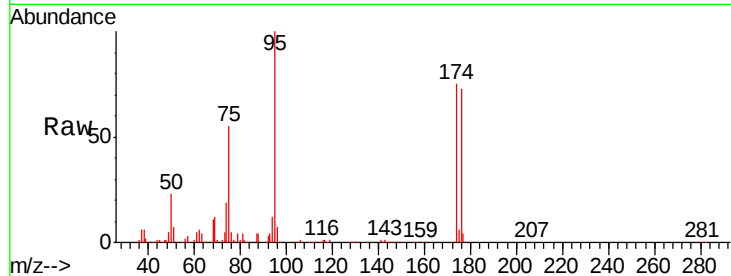
Tgt Ion: 95 Resp: 303495

Ion Ratio Lower Upper

95 100

174 74.4 0.0 152.2

176 71.8 0.0 148.0

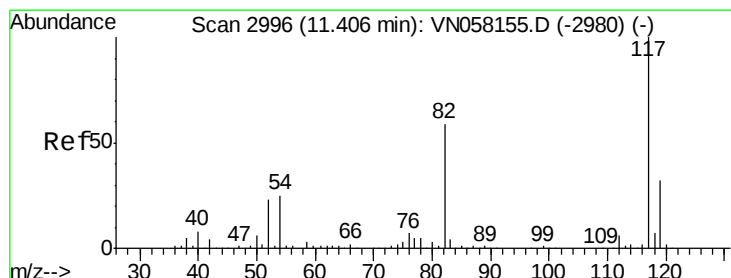
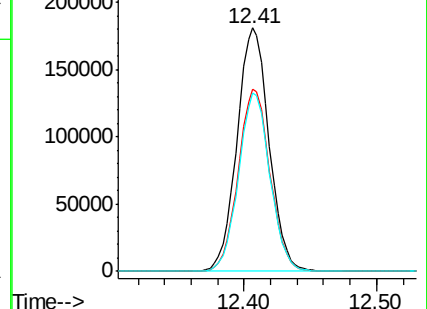
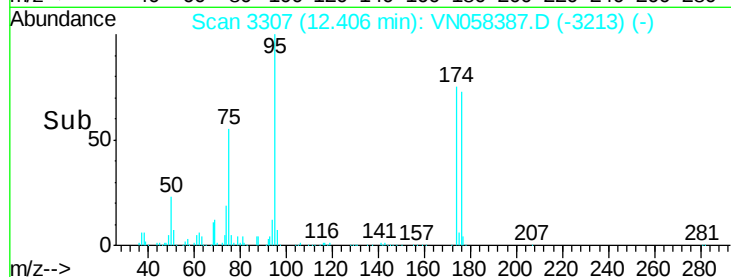


Abundance Ion 94.90 (94.60 to 95.60): VN058155.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN058155.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN058155.D (-3291) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058387.D

Acq: 26 Sep 2019 15:42

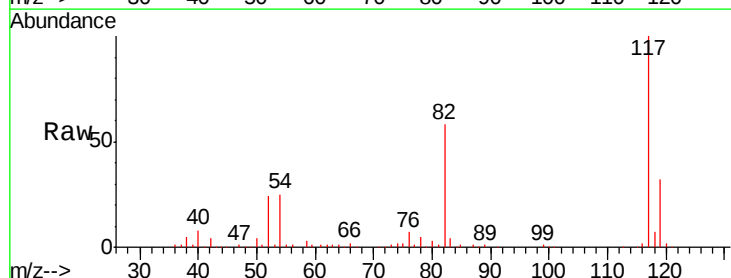
Tgt Ion: 117 Resp: 659659

Ion Ratio Lower Upper

117 100

82 58.3 46.9 70.3

119 31.8 25.3 37.9

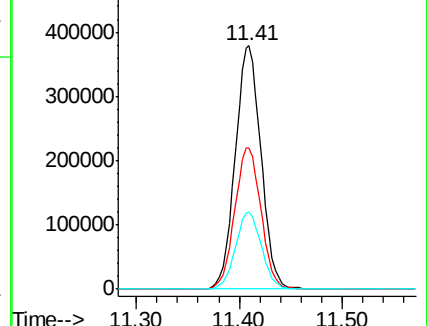
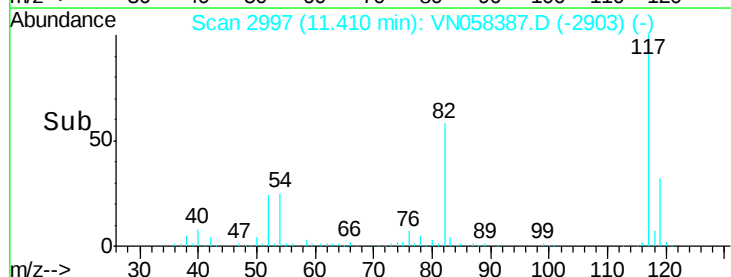


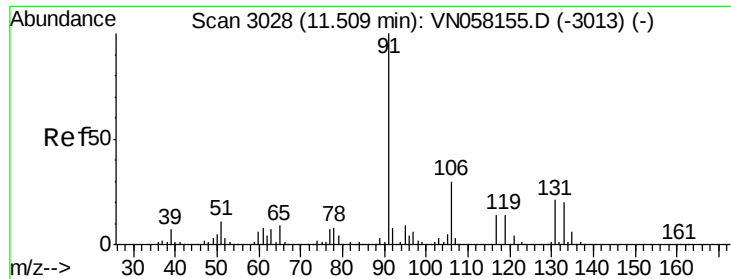
Abundance Ion 116.90 (116.60 to 117.60): VN058155.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN058155.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN058155.D (-2980) (-)

Time-->

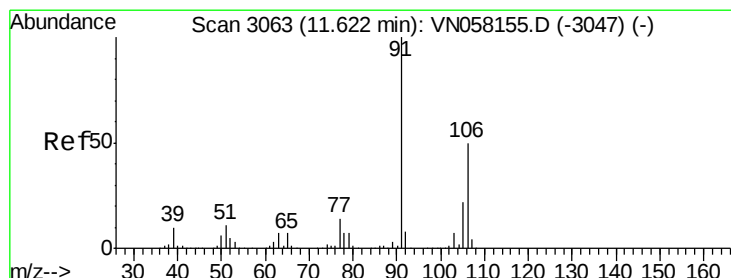
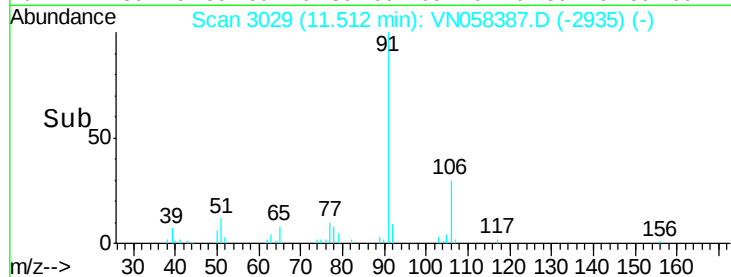
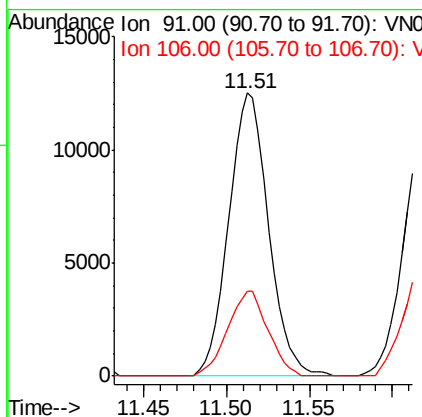
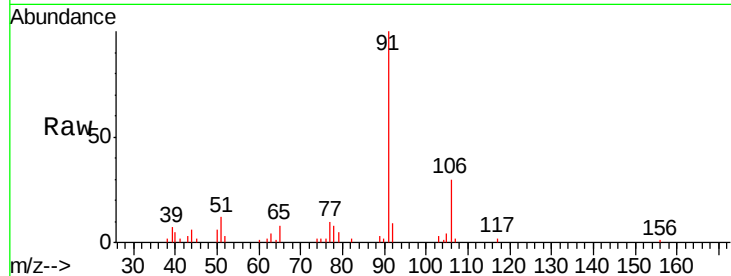




#67
Ethyl Benzene
Concen: 1.050 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN058387.D
Acq: 26 Sep 2019 15:42

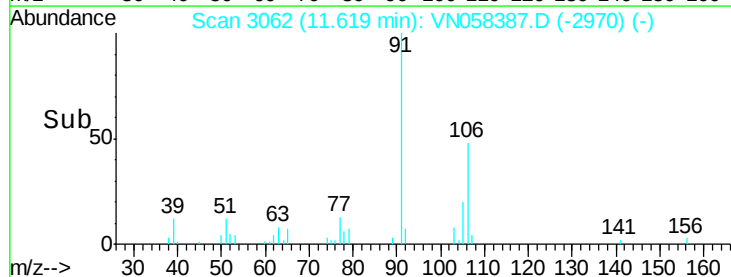
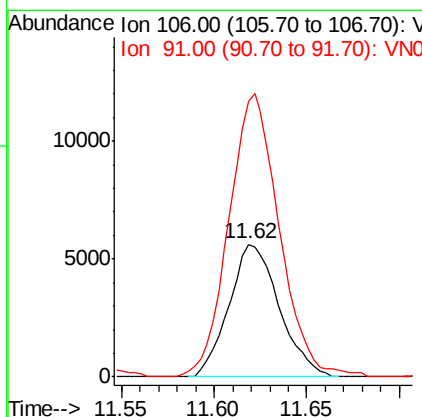
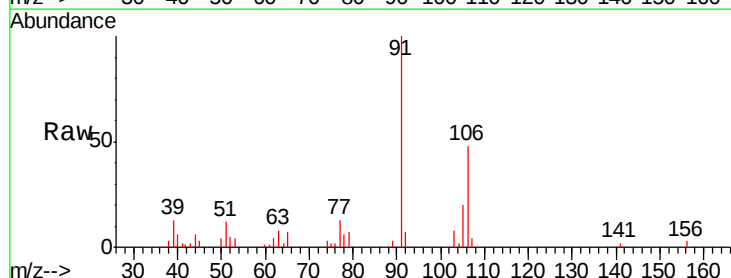
Instrument :
MSVOA_N
ClientSampled :
MW-8

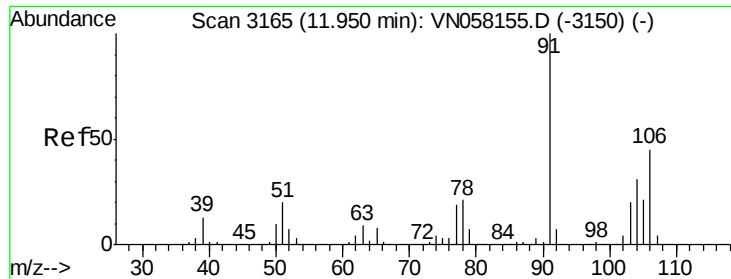
Tgt Ion: 91 Resp: 20878
Ion Ratio Lower Upper
91 100
106 30.1 24.0 36.0



#68
m/p-Xylenes
Concen: 1.413 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058387.D
Acq: 26 Sep 2019 15:42

Tgt Ion: 106 Resp: 10584
Ion Ratio Lower Upper
106 100
91 215.0 163.6 245.4

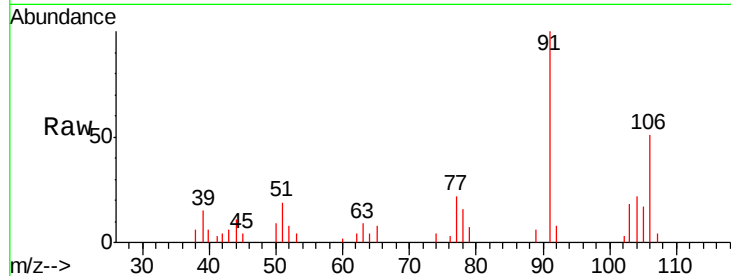




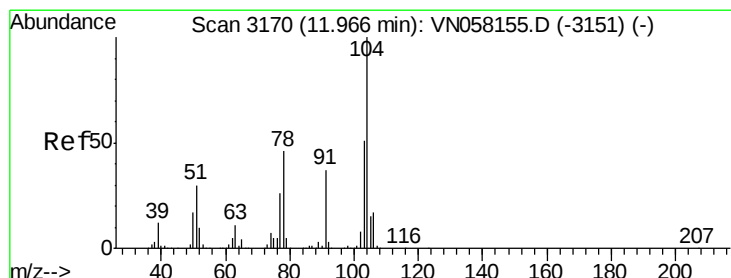
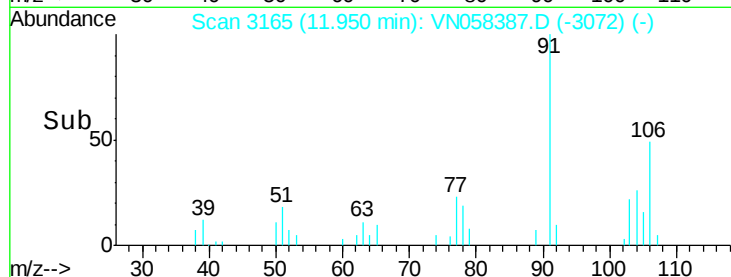
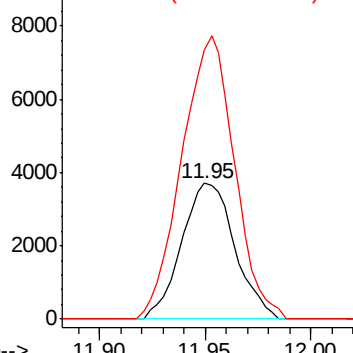
#69
o-Xylene
Concen: 0.882 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN058387.D
Acq: 26 Sep 2019 15:42

Instrument :
MSVOA_N
ClientSampled :
MW-8

Tgt Ion:106 Resp: 6495
Ion Ratio Lower Upper
106 100
91 207.1 111.8 335.3

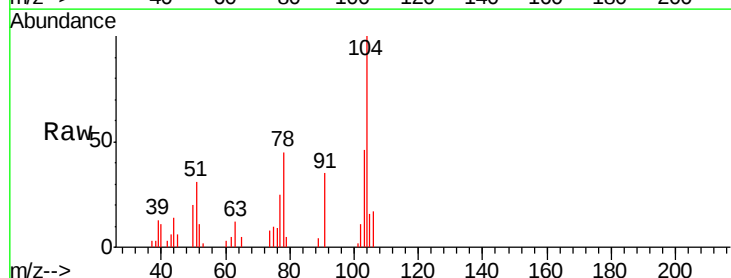


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

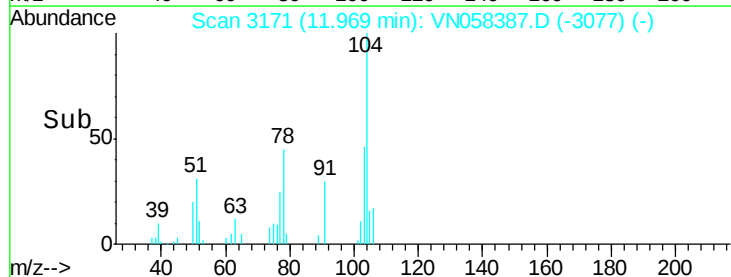
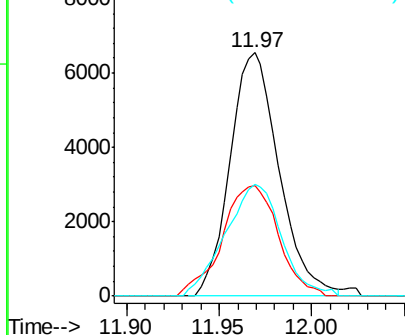


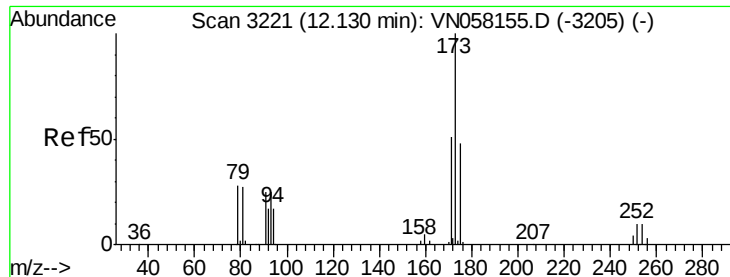
#70
Styrene
Concen: 0.947 ug/l
RT: 11.97 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN058387.D
Acq: 26 Sep 2019 15:42

Tgt Ion:104 Resp: 12009
Ion Ratio Lower Upper
104 100
78 51.9 41.8 62.8
103 52.7 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 3.937 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.27 min

Lab File: VN058387.D

Acq: 26 Sep 2019 15:42

Instrument :

MSVOA_N

ClientSampleId :

MW-8

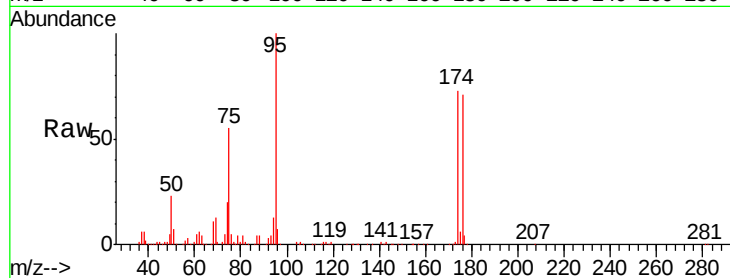
Tgt Ion:173 Resp: 1148

Ion Ratio Lower Upper

173 100

175 1255.5 24.2 72.6#

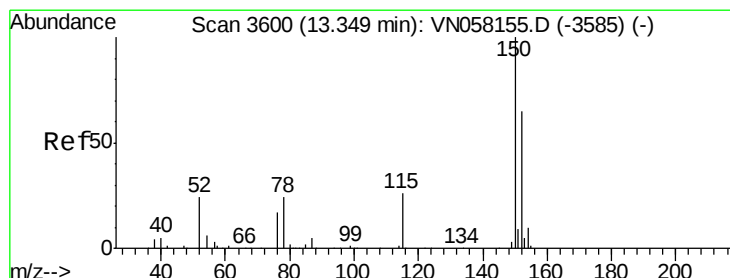
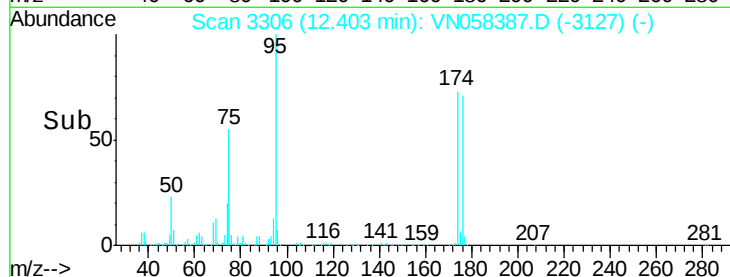
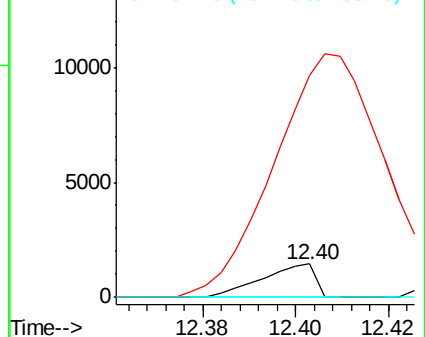
254 0.0 0.1 0.1#



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# 3601

Delta R.T. 0.00 min

Lab File: VN058387.D

Acq: 26 Sep 2019 15:42

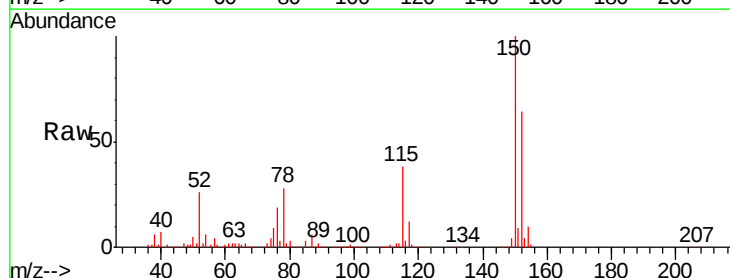
Tgt Ion:152 Resp: 261532

Ion Ratio Lower Upper

152 100

115 60.3 30.1 90.3

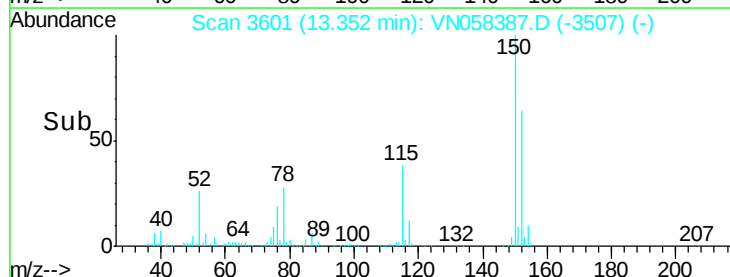
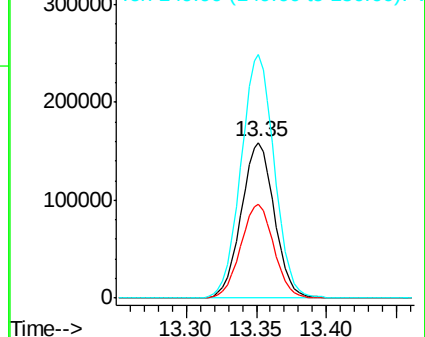
150 157.4 0.0 346.4

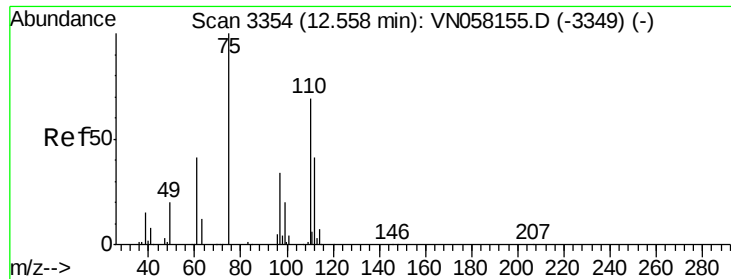


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

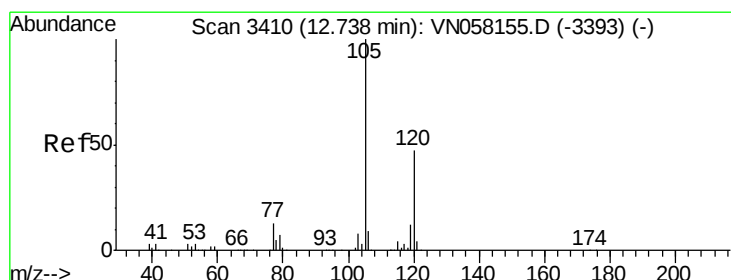
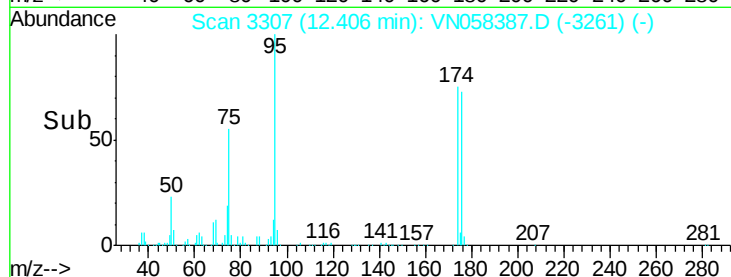
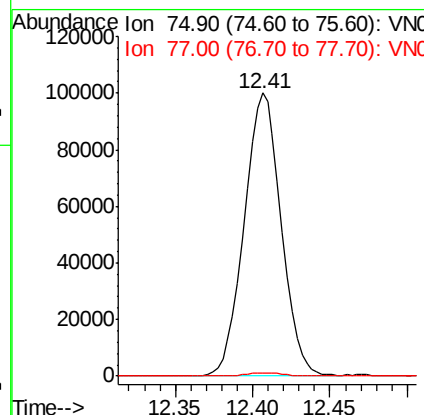
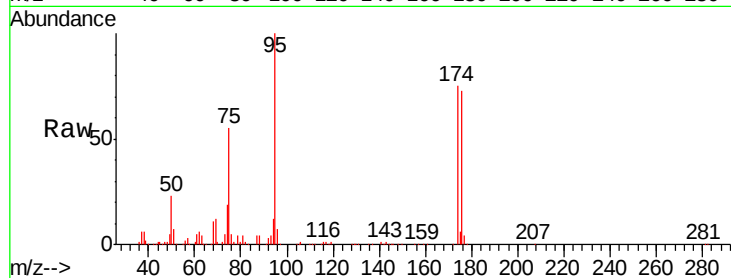




#76
 1,2,3-Trichloropropane
 Concen: 35.502 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. -0.15 min
 Lab File: VN058387.D
 Acq: 26 Sep 2019 15:42

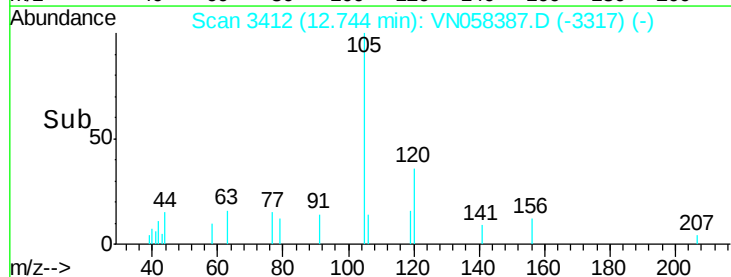
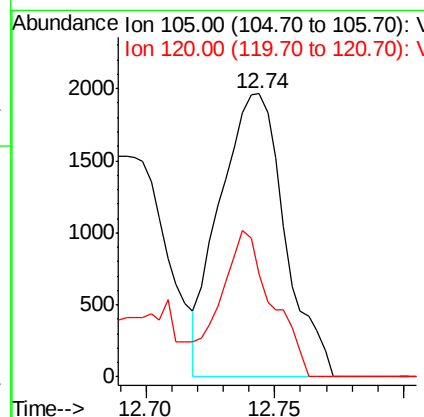
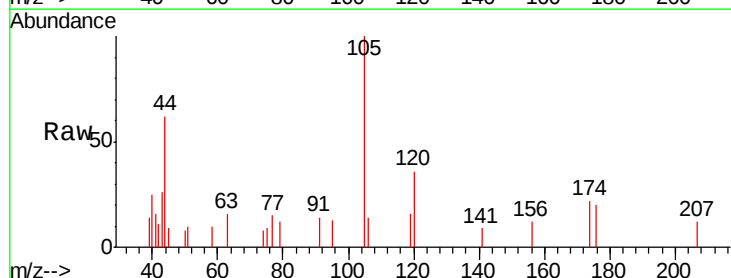
Instrument :
 MSVOA_N
 ClientSampled :
 MW-8

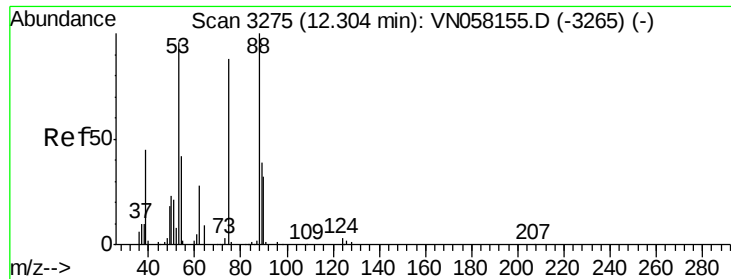
Tgt Ion: 75 Resp: 166171
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.249 ug/l
 RT: 12.74 min Scan# 3412
 Delta R.T. 0.01 min
 Lab File: VN058387.D
 Acq: 26 Sep 2019 15:42

Tgt Ion: 105 Resp: 3452
 Ion Ratio Lower Upper
 105 100
 120 40.8 23.4 70.0

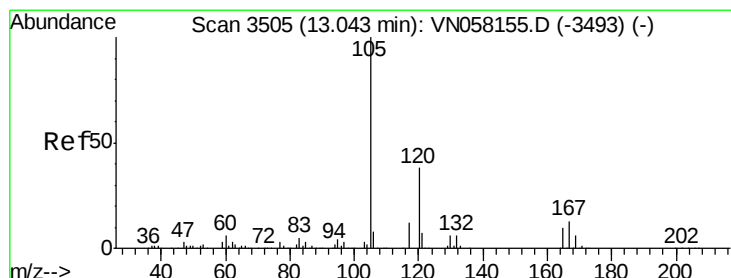
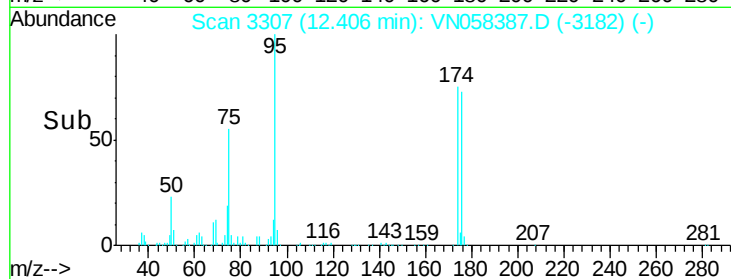
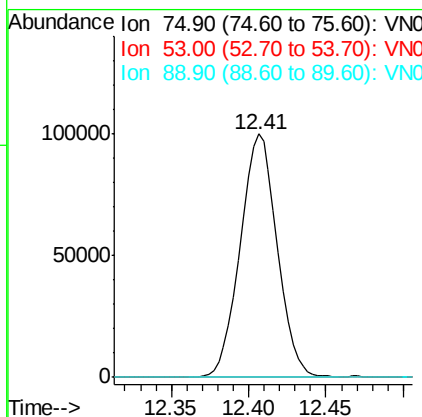
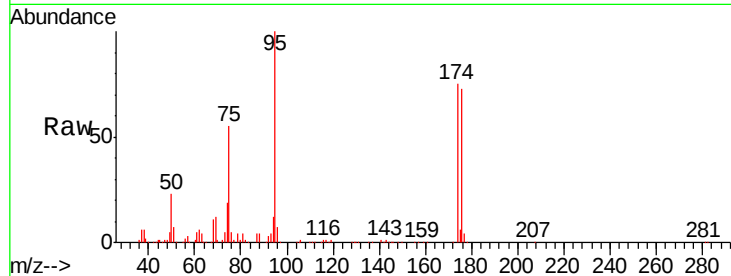




#81
trans-1,4-Dichloro-2-butene
Concen: 99.229 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.10 min
Lab File: VN058387.D
Acq: 26 Sep 2019 15:42

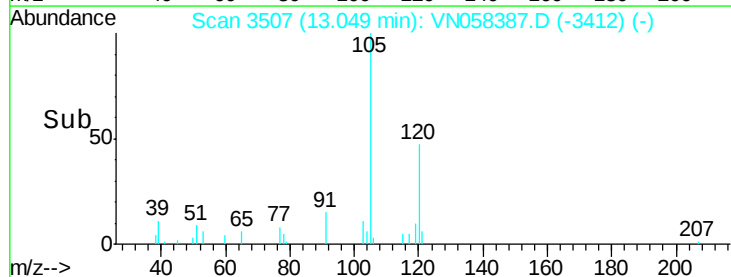
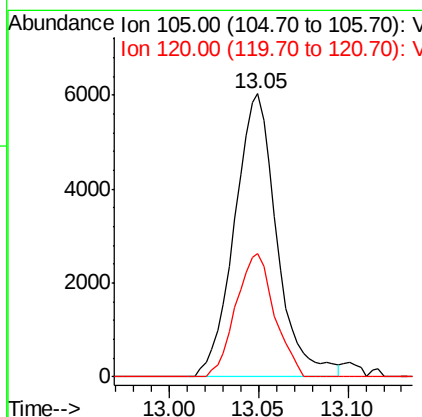
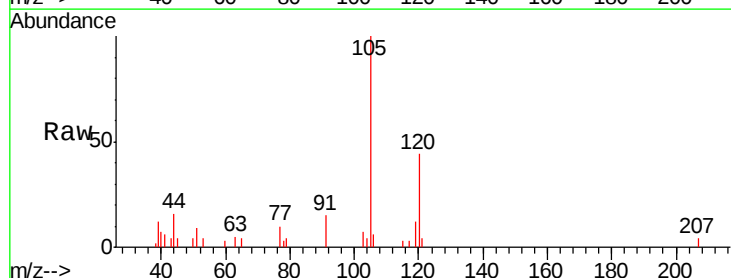
Instrument :
MSVOA_N
ClientSampled :
MW-8

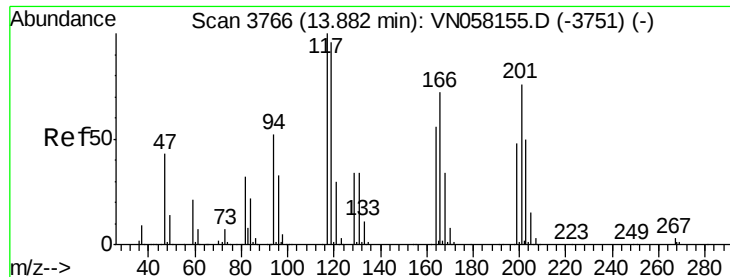
Tgt Ion: 75 Resp: 166171
Ion Ratio Lower Upper
75 100
53 0.0 90.1 135.1#
89 0.0 36.2 54.2#



#84
1,2,4-Trimethylbenzene
Concen: 0.726 ug/l
RT: 13.05 min Scan# 3507
Delta R.T. 0.01 min
Lab File: VN058387.D
Acq: 26 Sep 2019 15:42

Tgt Ion: 105 Resp: 9999
Ion Ratio Lower Upper
105 100
120 39.5 22.1 66.5





#90

Hexachloroethane

Concen: 2.900 ug/l

RT: 13.95 min Scan# 3787

Delta R.T. 0.07 min

Lab File: VN058387.D

Acq: 26 Sep 2019 15:42

Instrument :

MSVOA_N

ClientSampled :

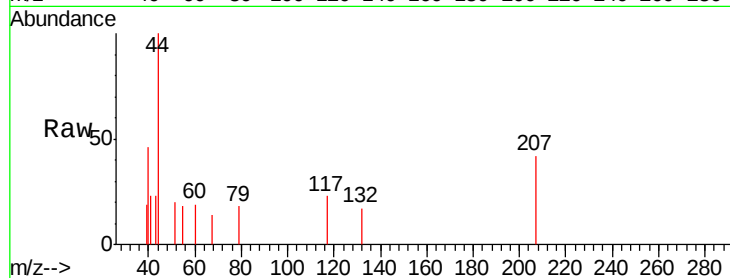
MW-8

Tgt Ion:117 Resp: 205

Ion Ratio Lower Upper

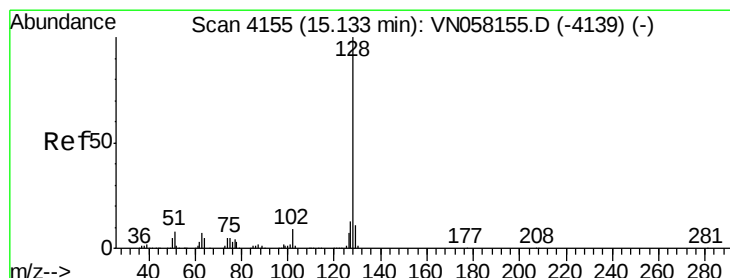
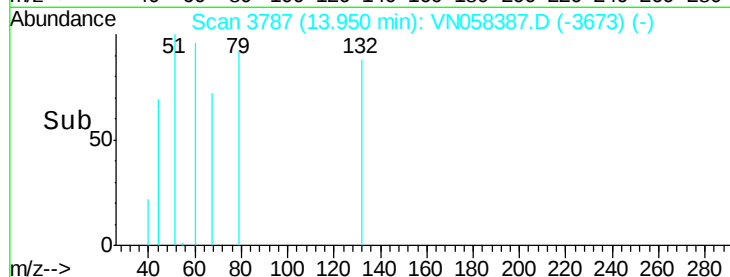
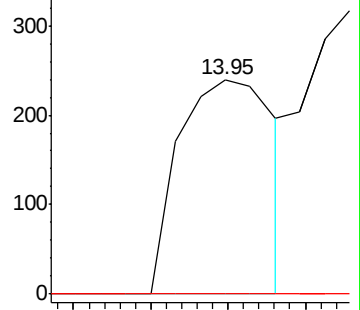
117 100

201 0.0 37.5 112.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 3.479 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058387.D

Acq: 26 Sep 2019 15:42

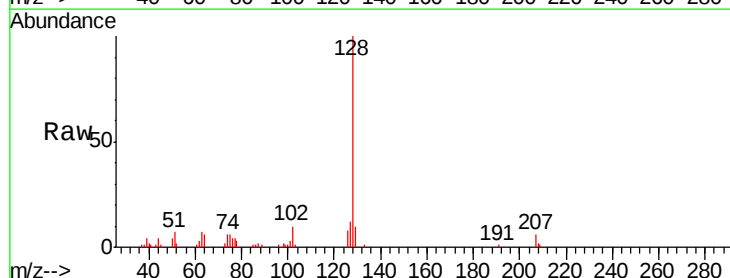
Tgt Ion:128 Resp: 43467

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.9 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

