

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052819\
 Data File : VN055851.D
 Acq On : 28 May 2019 14:31
 Operator : JC/SP
 Sample : K3037-05DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW5-R1-1DL

Quant Time: May 28 17:38:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

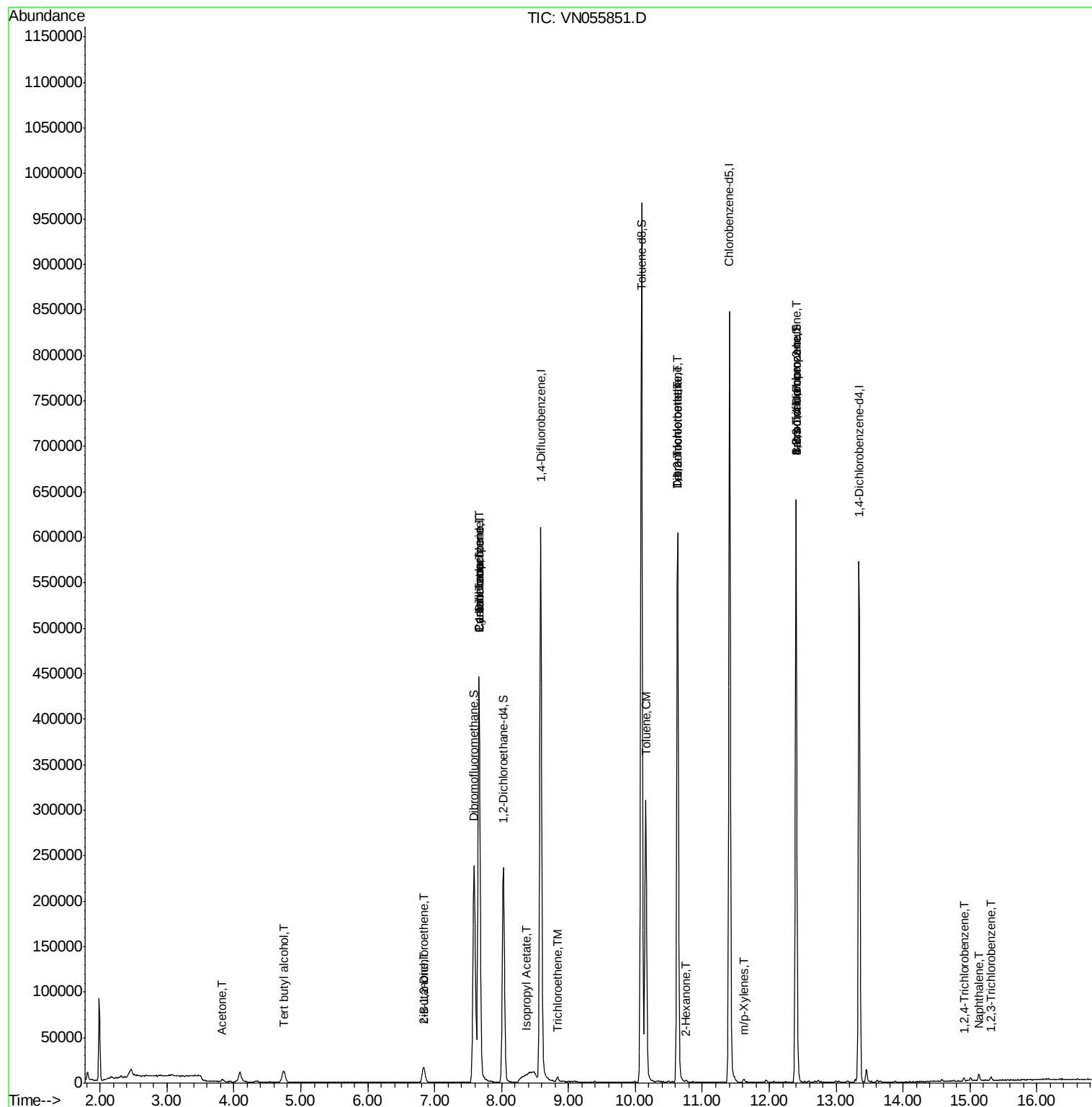
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	426855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	606996	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	539870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	175949	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	199499	45.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.52%	
35) Dibromofluoromethane	7.59	113	181326	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
50) Toluene-d8	10.09	98	720599	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
62) 4-Bromofluorobenzene	12.40	95	222324	44.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.10%	
Target Compounds				Qvalue		
11) Tert butyl alcohol	4.74	59	12010	14.259	ug/l #	74
16) Acetone	3.82	43	4688	2.419	ug/l	89
18) Methyl Acetate	4.34	43	3093	Below Cal	#	80
25) 2-Butanone	6.85	43	1196	0.442	ug/l #	47
27) cis-1,2-Dichloroethene	6.83	96	6591	1.449	ug/l	95
31) Cyclohexane	7.66	56	6039	0.913	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	24307	4.595	ug/l #	48
38) Carbon Tetrachloride	7.66	117	35083	6.367	ug/l #	15
43) Isopropyl Acetate	8.36	43	15490	1.803	ug/l #	53
44) Trichloroethene	8.83	130	2183	0.491	ug/l	93
52) Toluene	10.16	92	141692	14.132	ug/l	100
55) 1,1,2-Trichloroethane	10.63	97	1128	0.281	ug/l #	1
59) 2-Hexanone	10.76	43	1831	0.509	ug/l	78
60) Dibromochloromethane	10.63	129	129783	27.736	ug/l #	11
64) Tetrachloroethene	10.63	164	162089	35.598	ug/l	99
68) m/p-Xylenes	11.63	106	1526	0.208	ug/l	95
71) Bromoform	12.40	173	1491	0.406	ug/l #	1
73) Isopropylbenzene	12.25	105	957	Below Cal	#	54
74) N-amyl acetate	12.07	43	1359	Below Cal	#	53
76) 1,2,3-Trichloropropane	12.40	75	102437	32.723	ug/l #	100
79) 2-Chlorotoluene	12.77	91	1038	Below Cal		83
80) 1,3,5-Trimethylbenzene	12.73	105	1079	Below Cal		91
81) trans-1,4-Dichloro-2-buten	12.40	75	102437	78.333	ug/l #	15
83) tert-Butylbenzene	12.99	119	931	Below Cal	#	54
84) 1,2,4-Trimethylbenzene	13.04	105	1342	Below Cal		78
85) sec-Butylbenzene	13.17	105	1496	Below Cal		81
93) 1,2,4-Trichlorobenzene	14.90	180	1604	4.073	ug/l #	86
94) Hexachlorobutadiene	15.01	225	536	Below Cal		87
95) Naphthalene	15.14	128	7535	0.926	ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	2003	0.639	ug/l	89

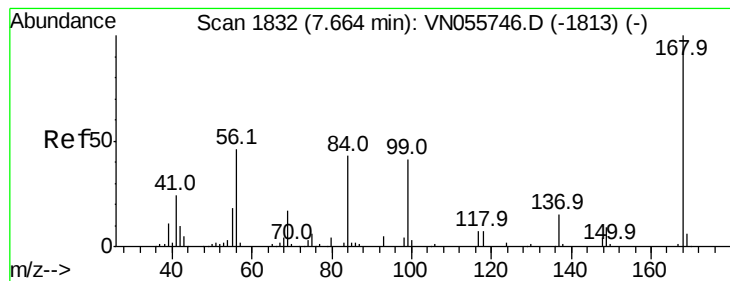
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055851.D

Acq: 28 May 2019 14:31

Instrument :

MSVOA_N

ClientSampleId :

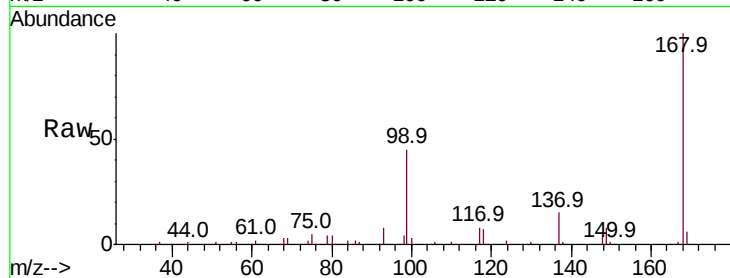
MW5-R1-1DL

Tot Ion:168 Resp: 426855

Ion Ratio Lower Upper

168 100

99 45.5 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055851.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN055851.D (-1739) (-)

7.66

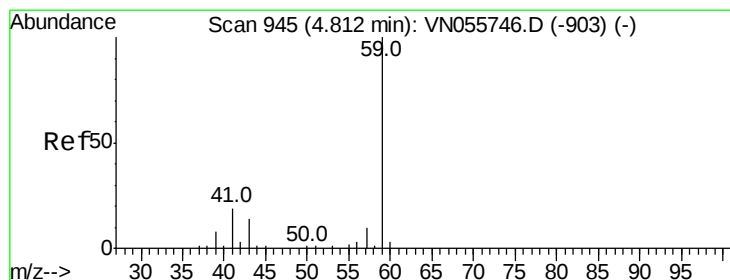
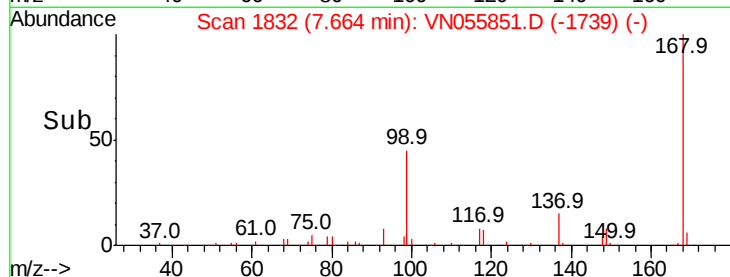
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 14.259 ug/l

RT: 4.74 min Scan# 924

Delta R.T. -0.07 min

Lab File: VN055851.D

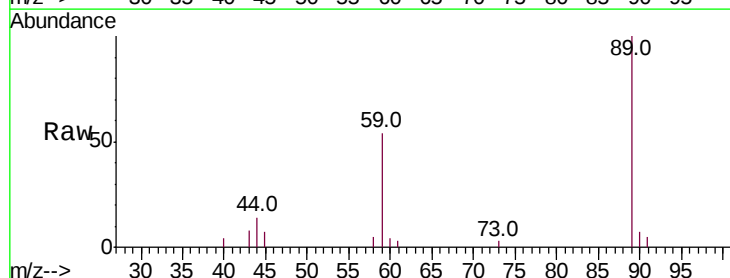
Acq: 28 May 2019 14:31

Tgt Ion: 59 Resp: 12010

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN055851.D (-852) (-)

Ion 57.00 (56.70 to 57.70): VN055851.D (-852) (-)

4.74

4000

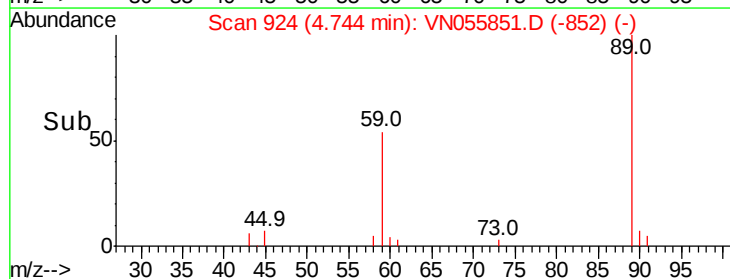
3000

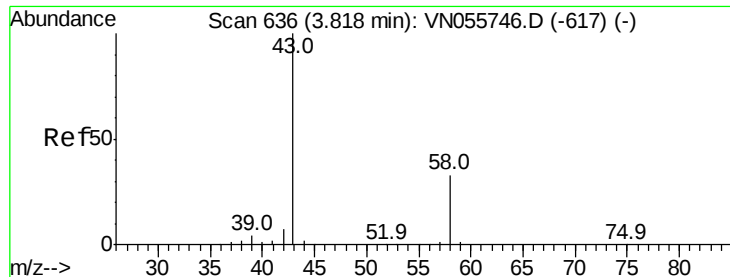
2000

1000

0

Time--> 4.70 4.80





#16

Acetone

Concen: 2.419 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055851.D

Acq: 28 May 2019 14:31

Instrument :

MSVOA_N

ClientSampleId :

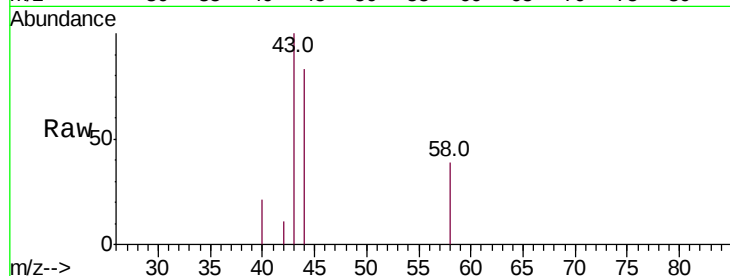
MW5-R1-1DL

Tot Ion: 43 Resp: 4688

Ion Ratio Lower Upper

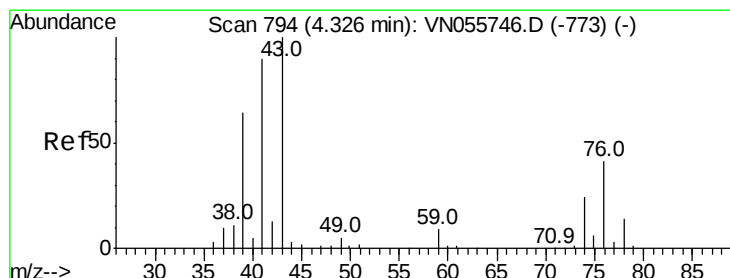
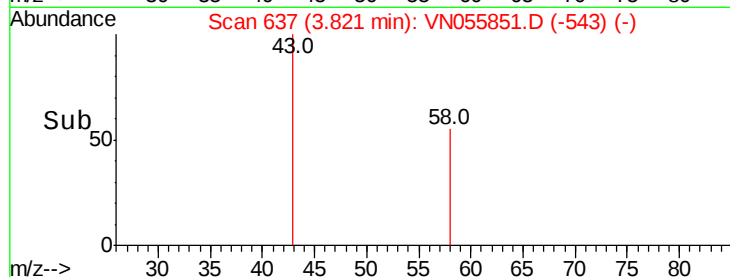
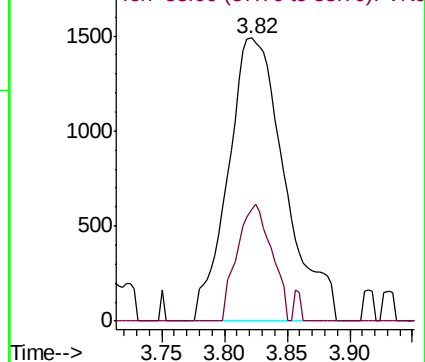
43 100

58 39.4 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN055851.D

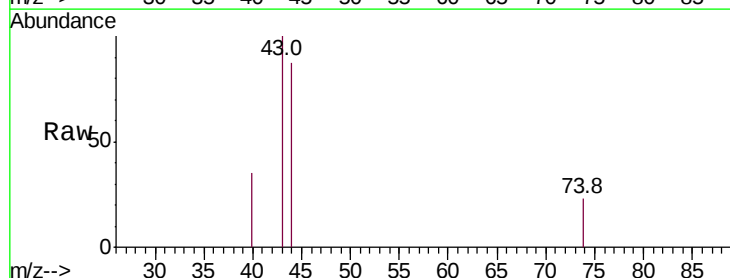
Acq: 28 May 2019 14:31

Tgt Ion: 43 Resp: 3093

Ion Ratio Lower Upper

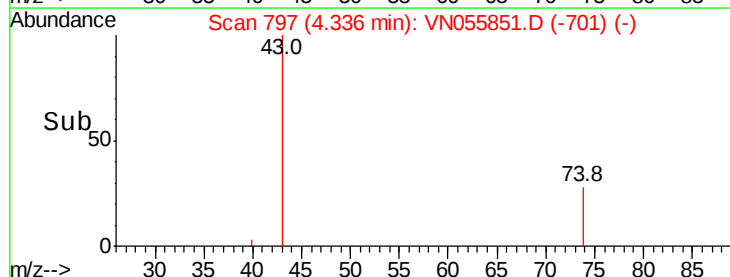
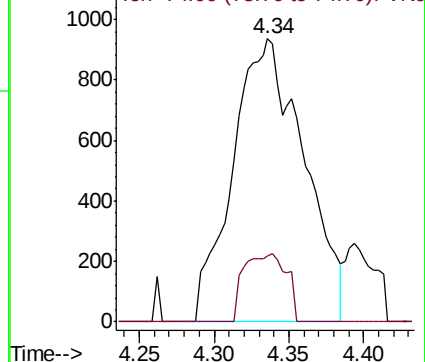
43 100

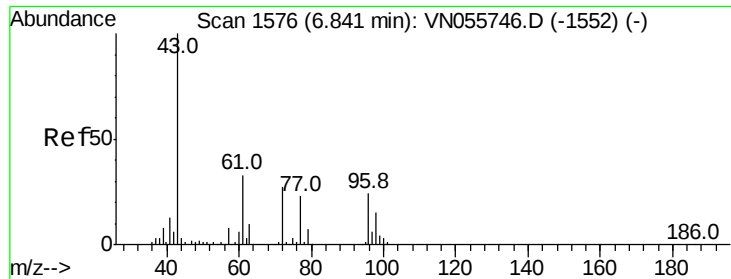
74 14.4 19.3 28.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#25

2-Butanone

Concen: 0.442 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VN055851.D

Acq: 28 May 2019 14:31

Instrument :

MSVOA_N

ClientSampleId :

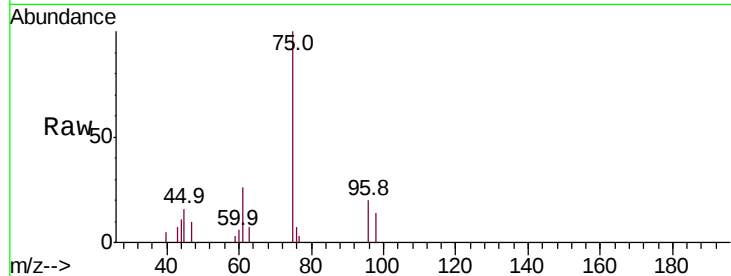
MW5-R1-1DL

Tot Ion: 43 Resp: 1196

Ion Ratio Lower Upper

43 100

72 0.0 21.9 32.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.85

400

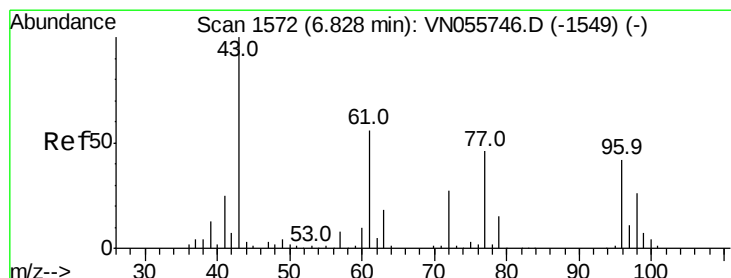
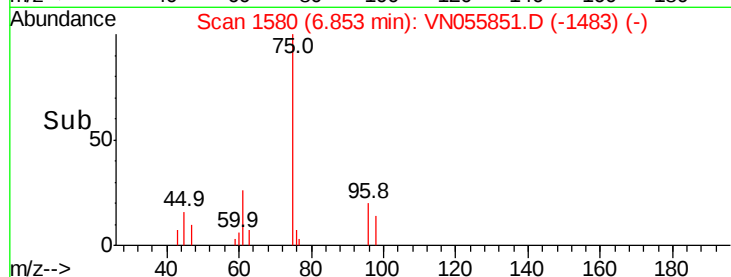
300

200

100

0

Time--> 6.80 6.85 6.90



#27

cis-1,2-Dichloroethene

Concen: 1.449 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN055851.D

Acq: 28 May 2019 14:31

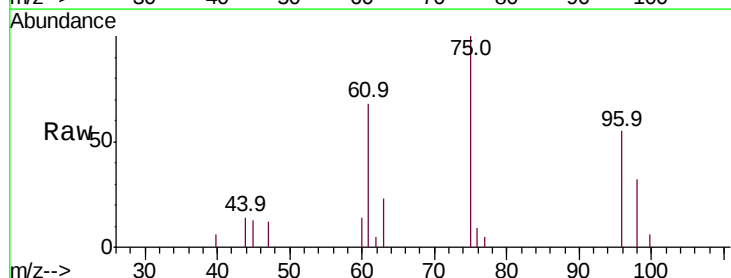
Tgt Ion: 96 Resp: 6591

Ion Ratio Lower Upper

96 100

61 131.0 0.0 275.8

98 65.8 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

4000

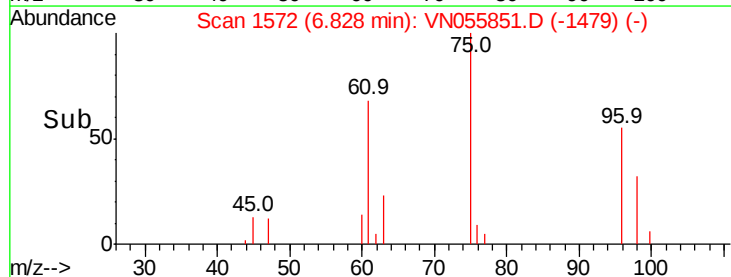
3000

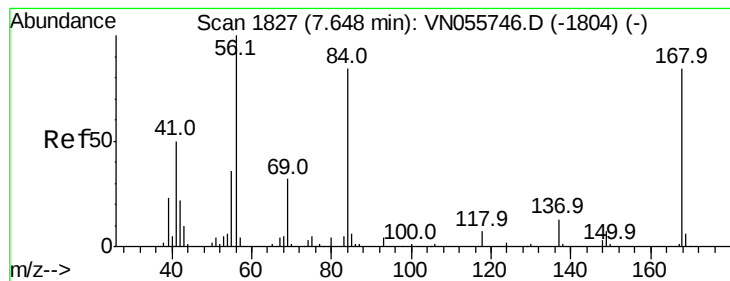
2000

1000

0

Time--> 6.75 6.80 6.85 6.90





#31

Cyclohexane

Concen: 0.913 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.02 min

Lab File: VN055851.D

Acq: 28 May 2019 14:31

Instrument :

MSVOA_N

ClientSampleId :

MW5-R1-1DL

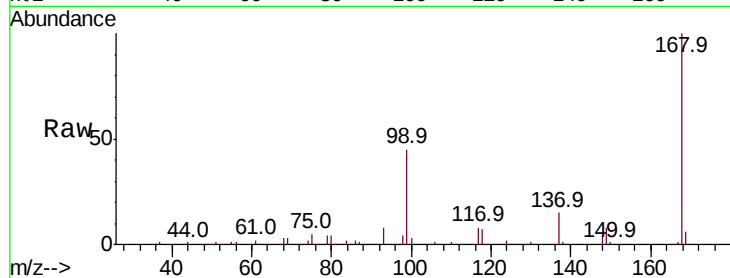
Tot Ion: 56 Resp: 6039

Ion Ratio Lower Upper

56 100

69 213.3 25.6 38.4#

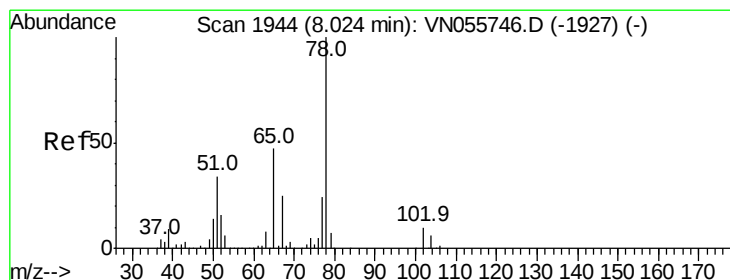
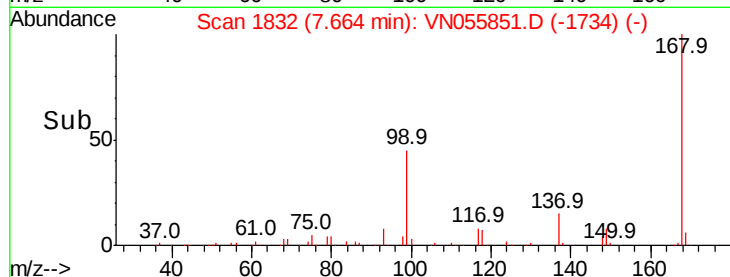
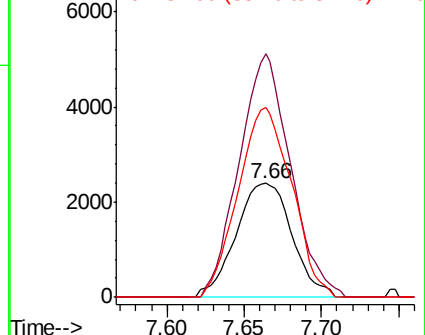
84 166.3 67.4 101.0#



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: 45.256 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055851.D

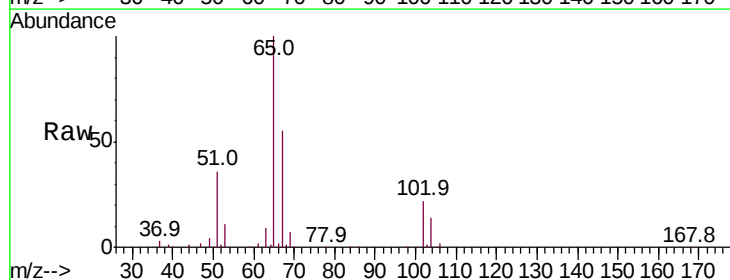
Acq: 28 May 2019 14:31

Tgt Ion: 65 Resp: 199499

Ion Ratio Lower Upper

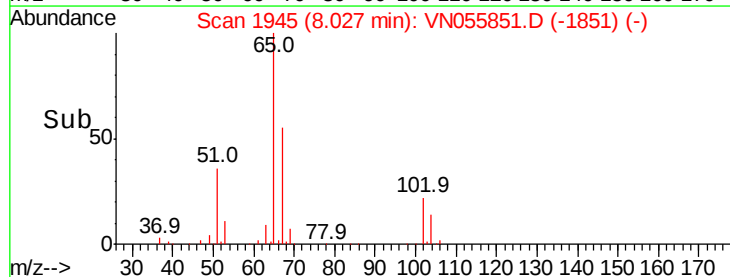
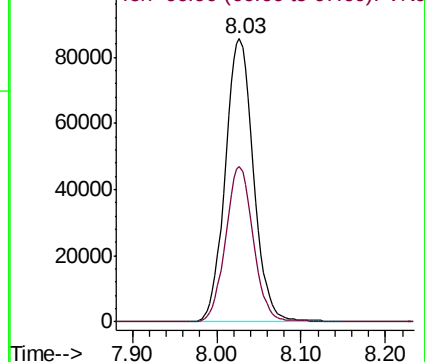
65 100

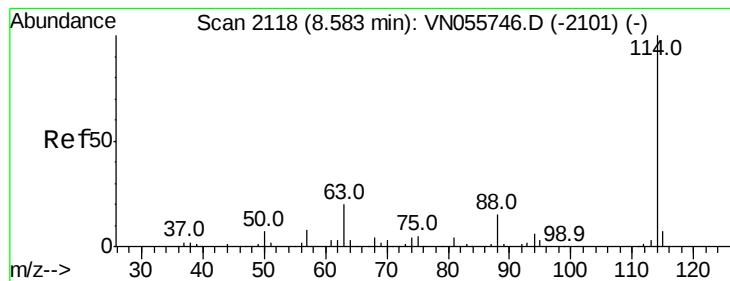
67 53.4 0.0 109.2



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: VN055851.D

Acq: 28 May 2019 14:31

Instrument :

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ClientSampleId :

MW5-R1-1DL

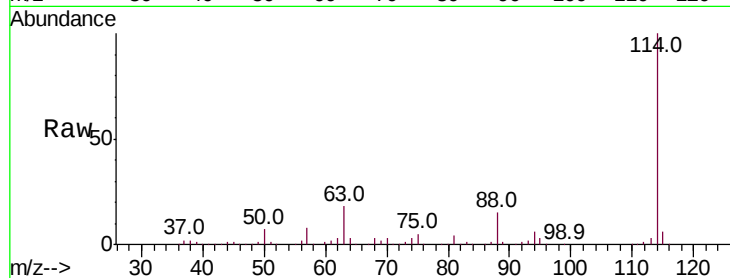
Tot Ion:114 Resp: 606996

Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.2

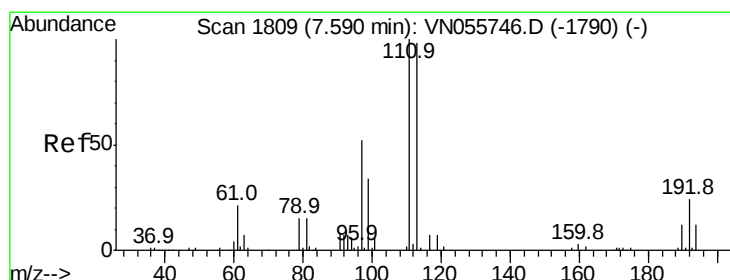
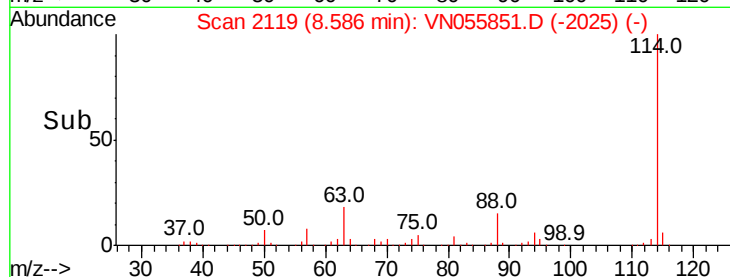
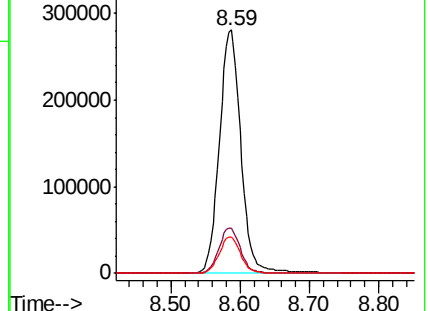
88 15.1 0.0 31.0



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: 47.249 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055851.D

Acq: 28 May 2019 14:31

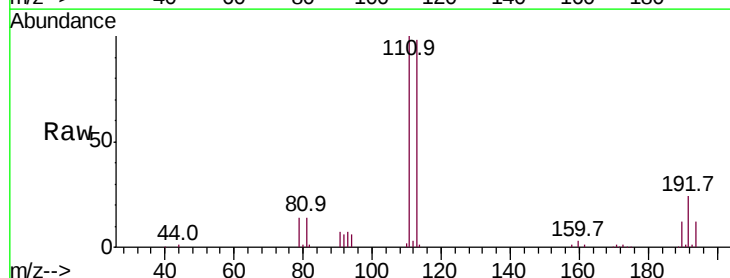
Tgt Ion:113 Resp: 181326

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

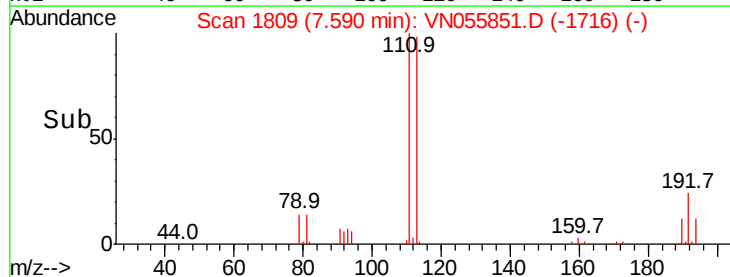
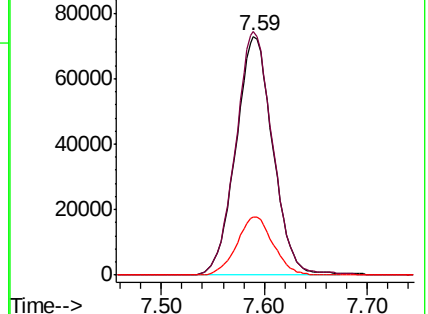
192 24.2 19.5 29.3

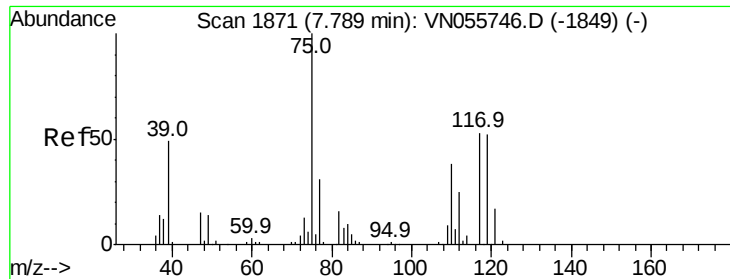


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

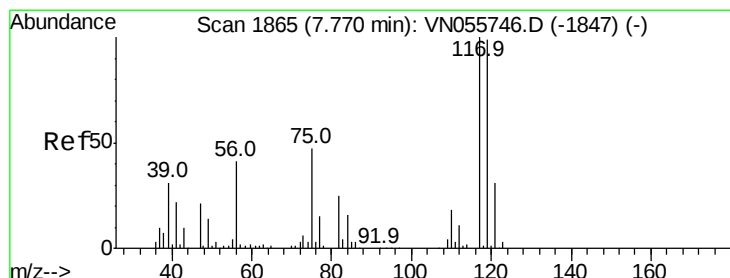
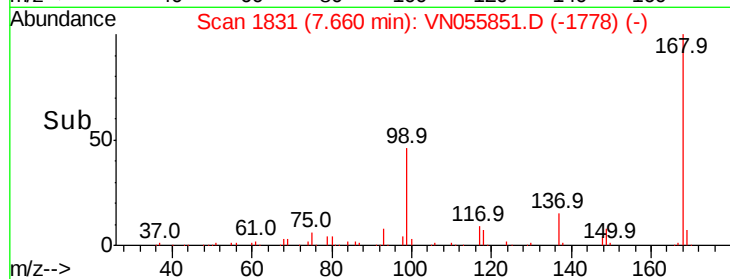
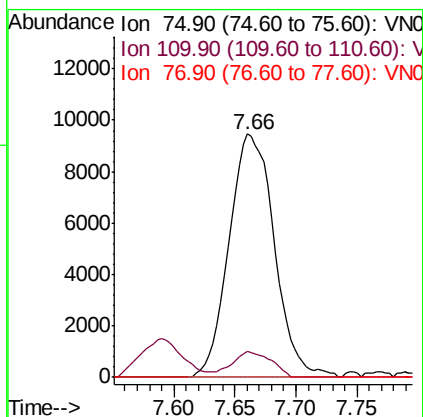
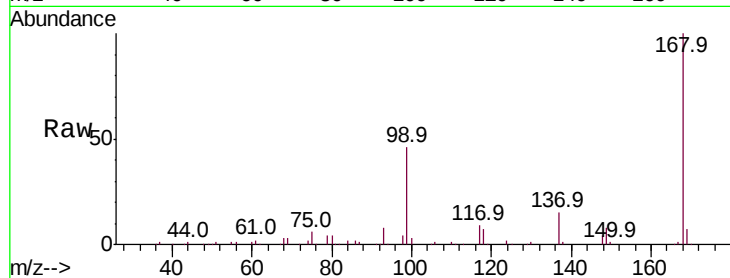




#36
 1,1-Dichloropropene
 Concen: 4.595 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN055851.D
 Acq: 28 May 2019 14:31

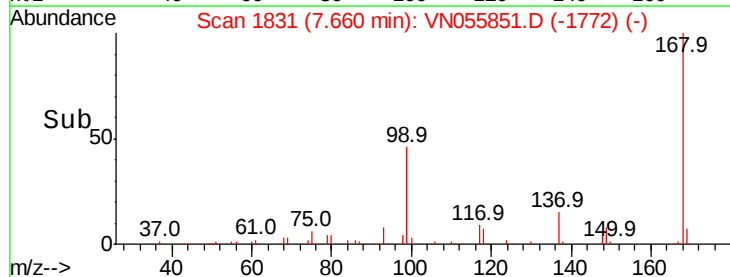
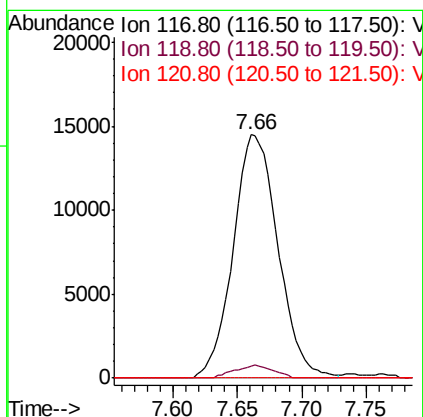
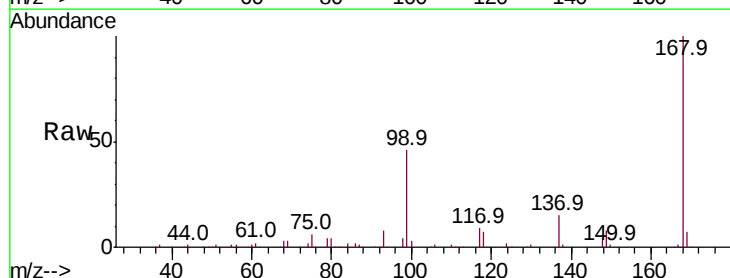
Instrument :
 MSVOA_N
 ClientSampleId :
 MW5-R1-1DL

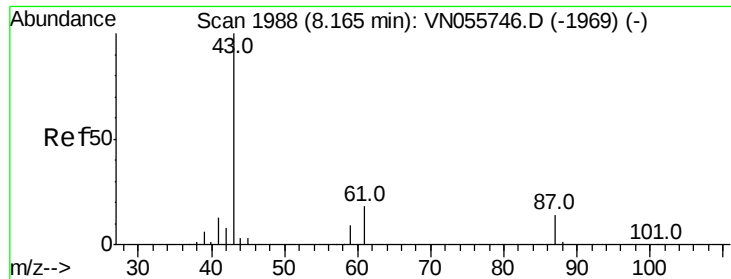
Tot Ion: 75 Resp: 24307
 Ion Ratio Lower Upper
 75 100
 110 9.1 19.0 57.0#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.367 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.11 min
 Lab File: VN055851.D
 Acq: 28 May 2019 14:31

Tgt Ion: 117 Resp: 35083
 Ion Ratio Lower Upper
 117 100
 119 5.1 79.0 118.6#
 121 0.0 24.7 37.1#





#43

Isopropyl Acetate

Concen: 1.803 ug/l

RT: 8.36 min Scan# 2049

Delta R.T. 0.20 min

Lab File: VN055851.D

Acq: 28 May 2019 14:31

Instrument :

MSVOA_N

ClientSampled :

MW5-R1-1DL

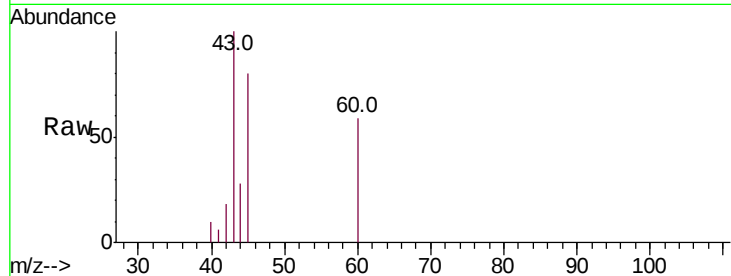
Tot Ion: 43 Resp: 15490

Ion Ratio Lower Upper

43 100

61 0.0 22.2 33.4#

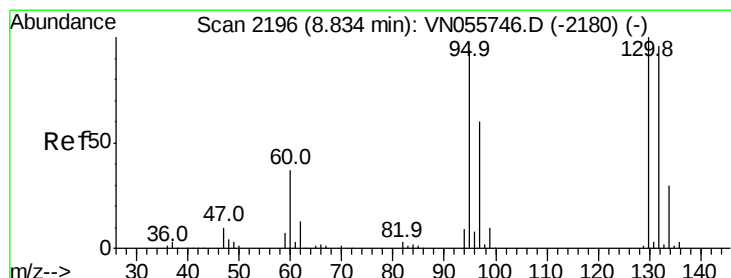
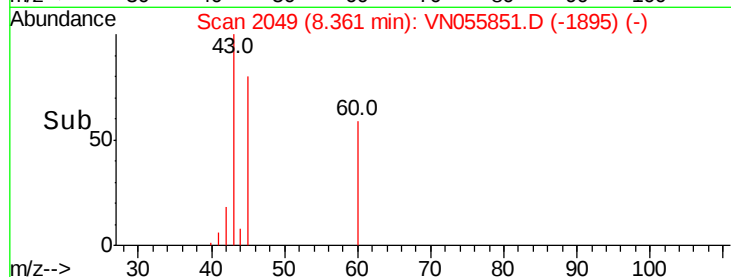
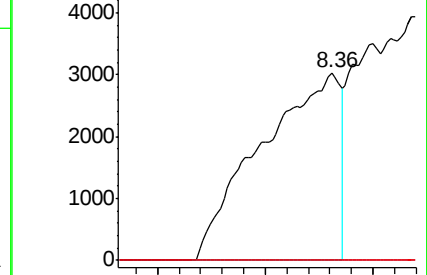
87 0.0 11.4 17.2#



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



#44

Trichloroethene

Concen: 0.491 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055851.D

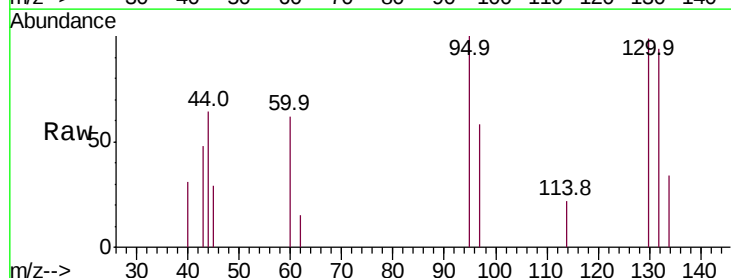
Acq: 28 May 2019 14:31

Tgt Ion: 130 Resp: 2183

Ion Ratio Lower Upper

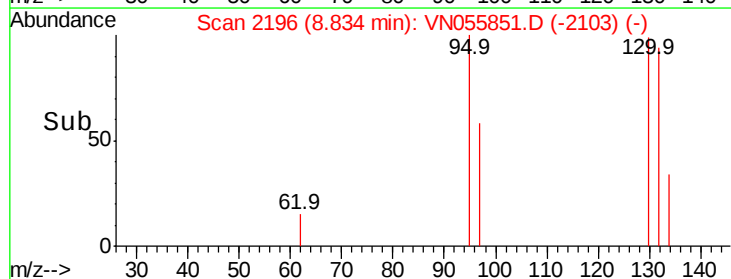
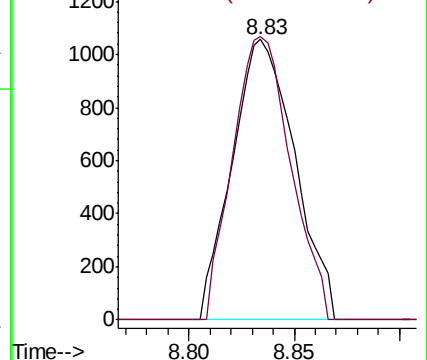
130 100

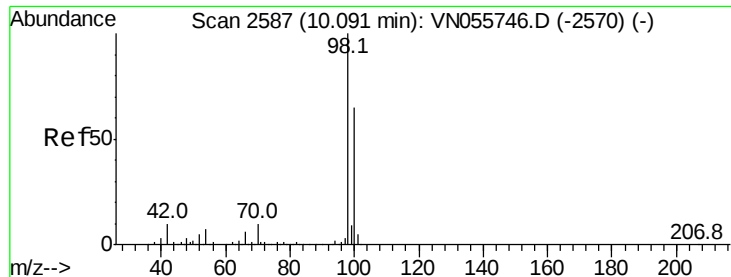
95 101.0 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#50

Toluene-d8

Concen: 48.951 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055851.D

Acq: 28 May 2019 14:31

Instrument :

MSVOA_N

ClientSampleId :

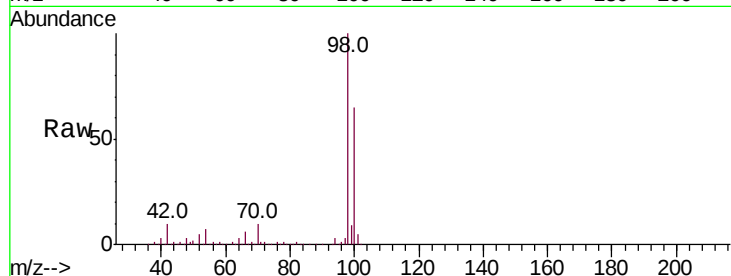
MW5-R1-1DL

Tot Ion: 98 Resp: 720599

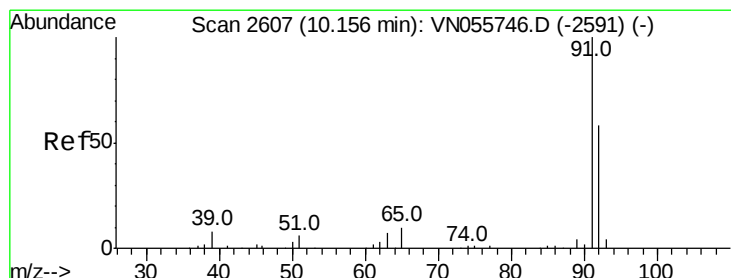
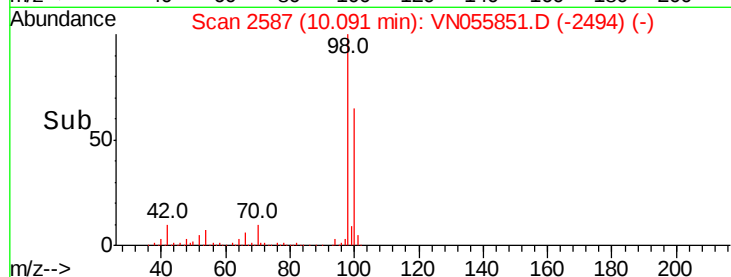
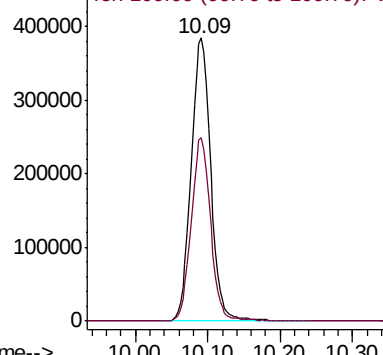
Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055746.D (-2570) (-)



#52

Toluene

Concen: 14.132 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055851.D

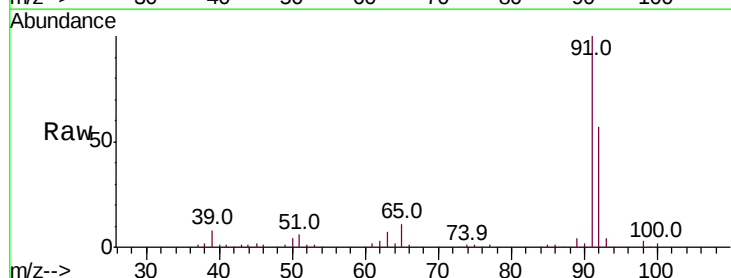
Acq: 28 May 2019 14:31

Tgt Ion: 92 Resp: 141692

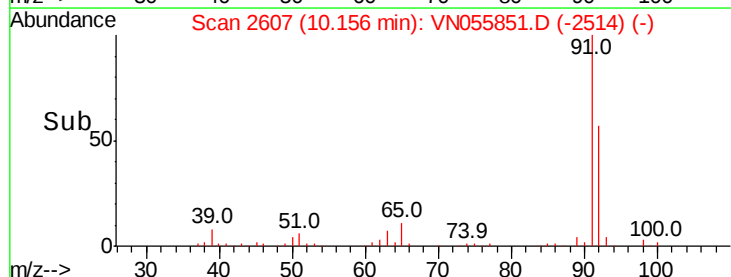
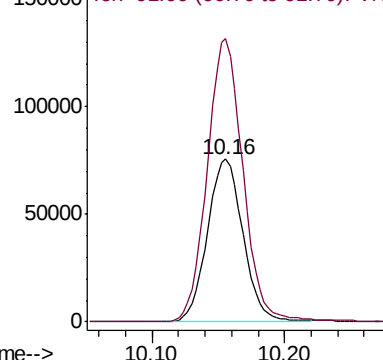
Ion Ratio Lower Upper

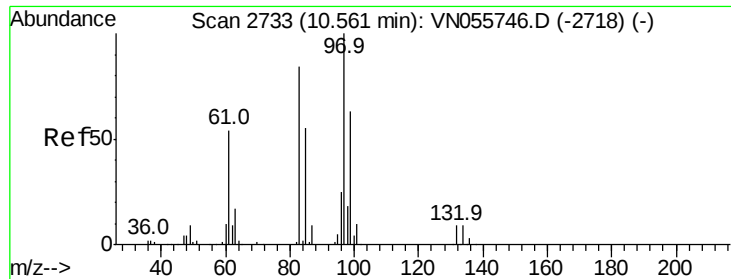
92 100

91 174.5 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN055746.D (-2591) (-)

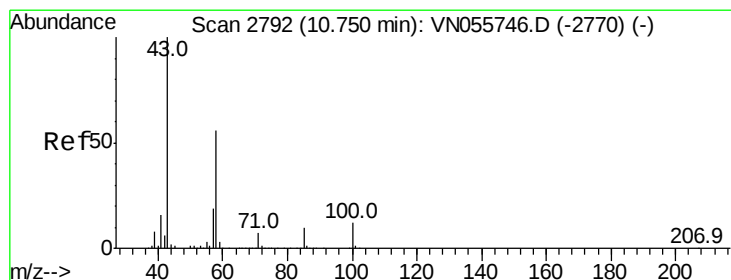
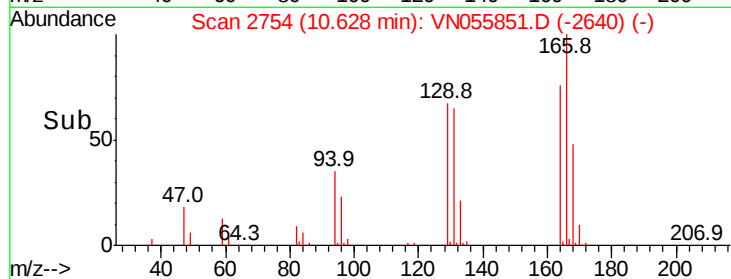
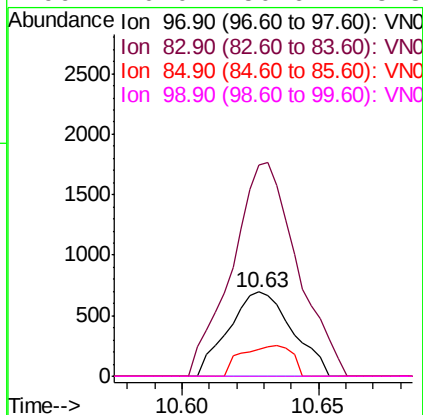
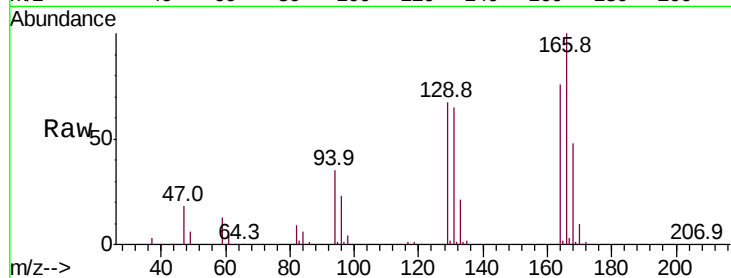




#55
 1,1,2-Trichloroethane
 Concen: 0.281 ug/l
 RT: 10.63 min Scan# 2754
 Delta R.T. 0.07 min
 Lab File: VN055851.D
 Acq: 28 May 2019 14:31

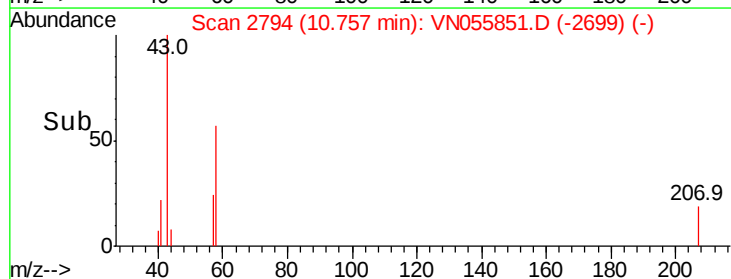
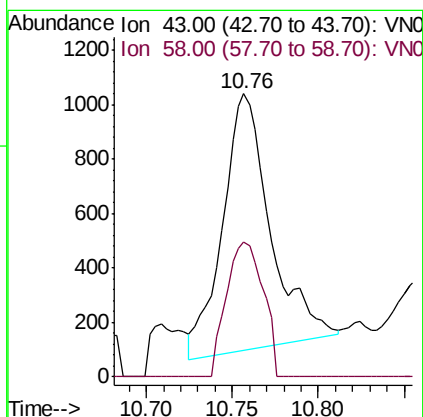
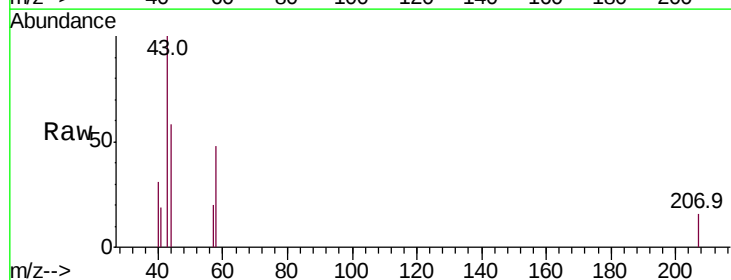
Instrument :
 MSVOA_N
 ClientSampled :
 MW5-R1-1DL

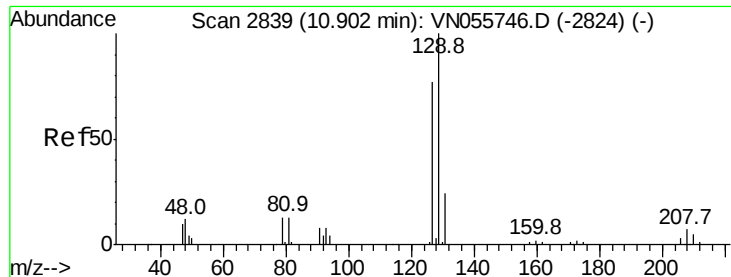
Tot Ion: 97 Resp: 1128
 Ion Ratio Lower Upper
 97 100
 83 250.8 67.0 100.6#
 85 31.9 44.0 66.0#
 99 0.0 50.6 75.8#



#59
 2-Hexanone
 Concen: 0.509 ug/l
 RT: 10.76 min Scan# 2794
 Delta R.T. 0.01 min
 Lab File: VN055851.D
 Acq: 28 May 2019 14:31

Tgt Ion: 43 Resp: 1831
 Ion Ratio Lower Upper
 43 100
 58 40.7 28.2 84.7





#60

Dibromochloromethane

Concen: 27.736 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.27 min

Lab File: VN055851.D

Acq: 28 May 2019 14:31

Instrument :

MSVOA_N

ClientSampleId :

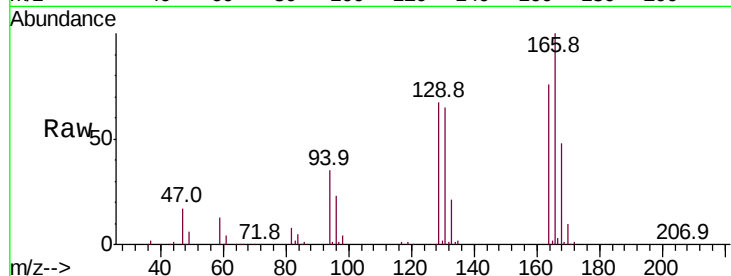
MW5-R1-1DL

Tot Ion:129 Resp: 129783

Ion Ratio Lower Upper

129 100

127 0.0 38.1 114.3#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

80000

60000

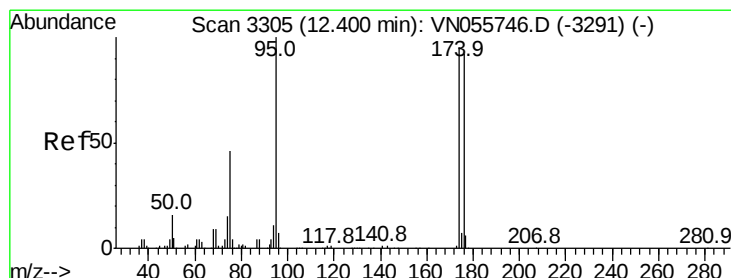
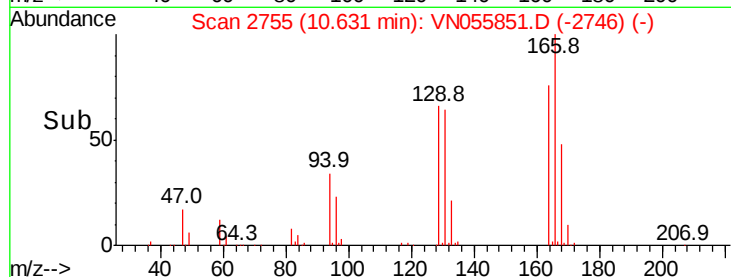
40000

20000

0

10.60 10.63 10.70

Time-->



#62

4-Bromofluorobenzene

Concen: 44.045 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055851.D

Acq: 28 May 2019 14:31

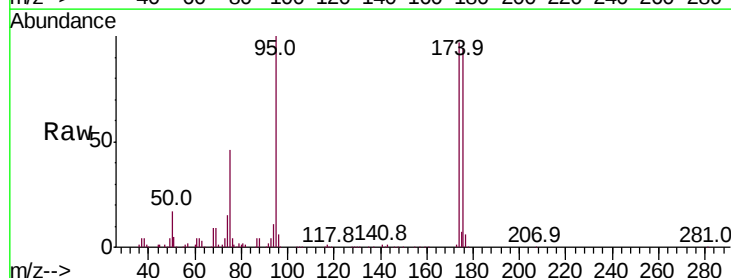
Tgt Ion: 95 Resp: 222324

Ion Ratio Lower Upper

95 100

174 96.6 0.0 191.0

176 93.3 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

150000

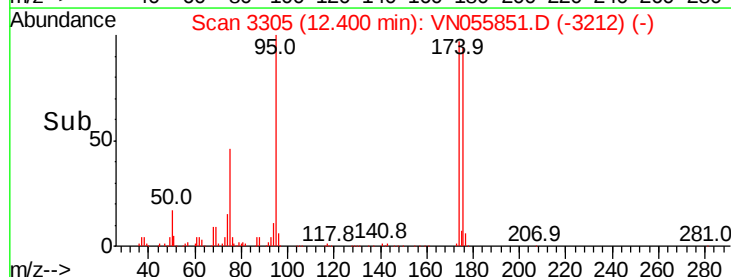
100000

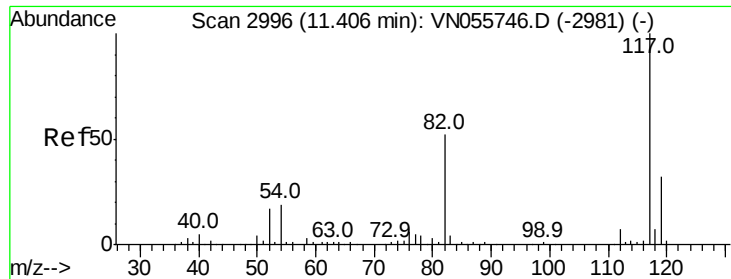
50000

0

12.30 12.40 12.50

Time-->

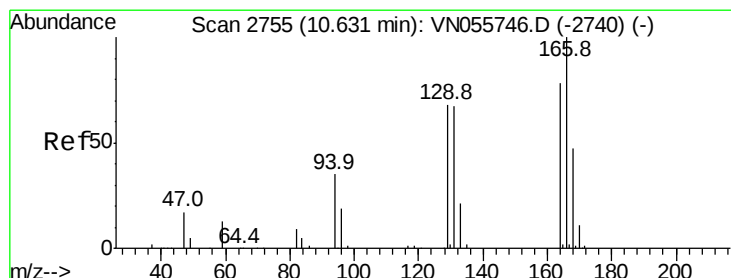
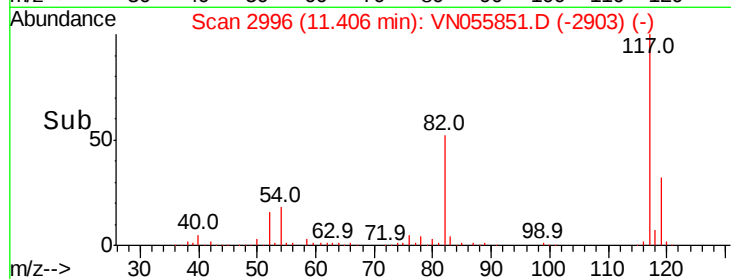
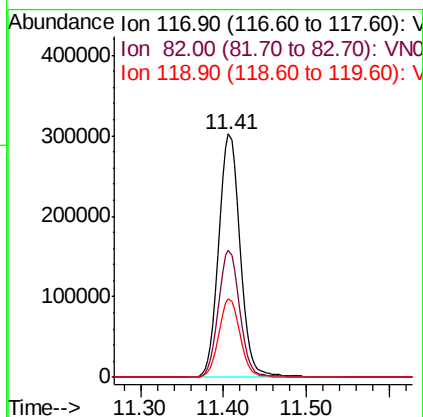
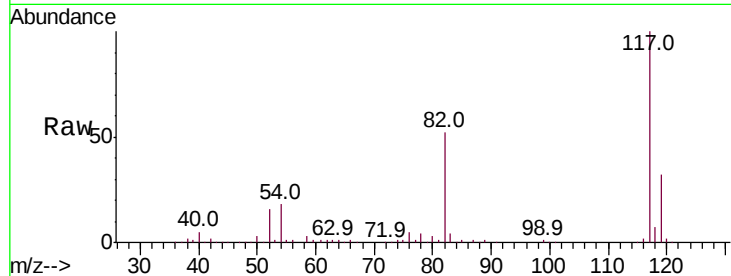




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055851.D
Acq: 28 May 2019 14:31

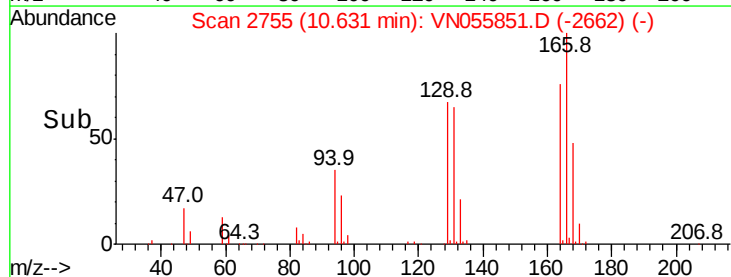
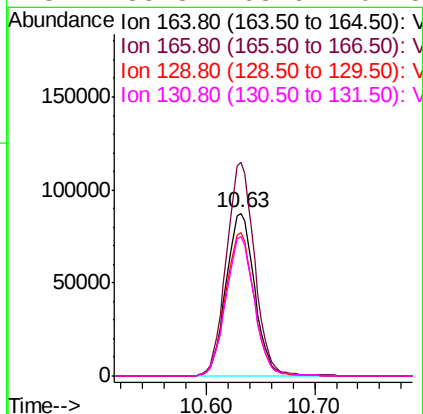
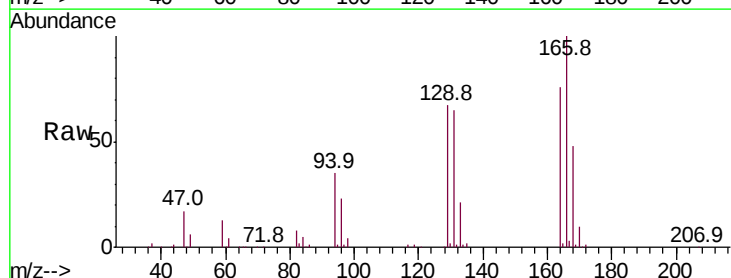
Instrument :
MSVOA_N
ClientSampled :
MW5-R1-1DL

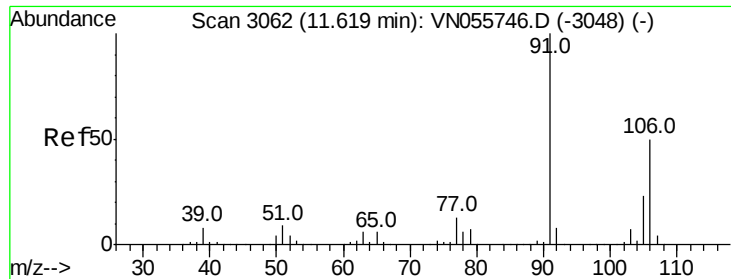
Tot Ion:117 Resp: 539870
Ion Ratio Lower Upper
117 100
82 52.3 41.8 62.8
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 35.598 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055851.D
Acq: 28 May 2019 14:31

Tgt Ion:164 Resp: 162089
Ion Ratio Lower Upper
164 100
166 130.9 103.0 154.6
129 87.6 70.6 105.8
131 85.3 68.6 102.8

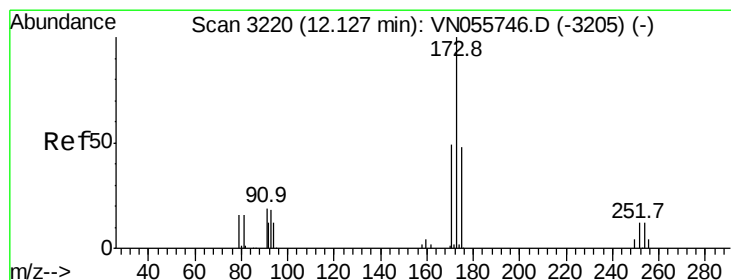
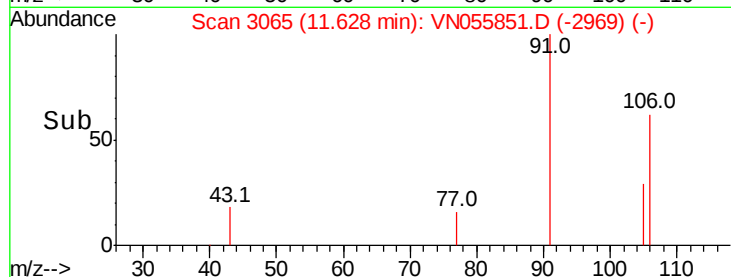
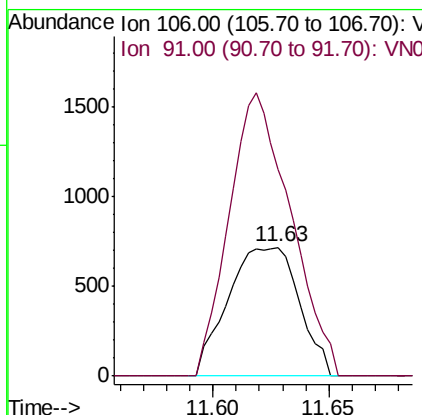
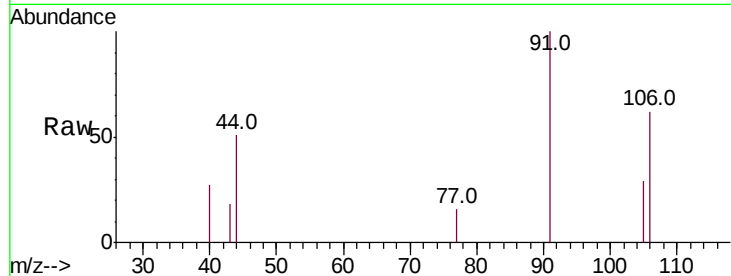




#68
m/p-Xvlenes
Concen: 0.208 ug/l
RT: 11.63 min Scan# 3065
Delta R.T. 0.01 min
Lab File: VN055851.D
Acq: 28 May 2019 14:31

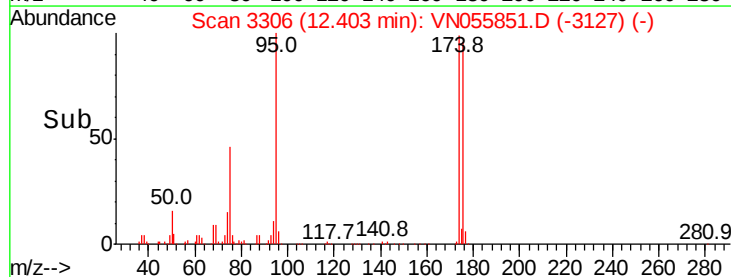
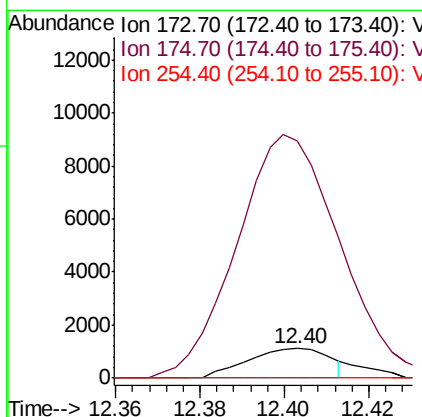
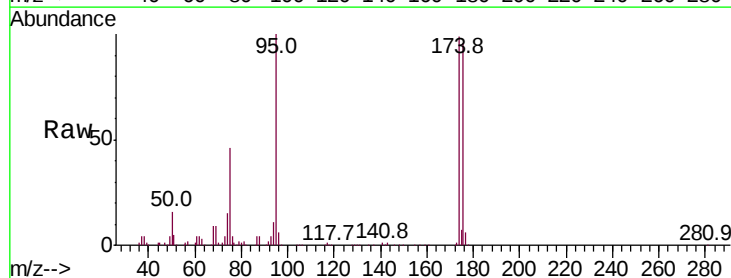
Instrument :
MSVOA_N
ClientSampleId :
MW5-R1-1DL

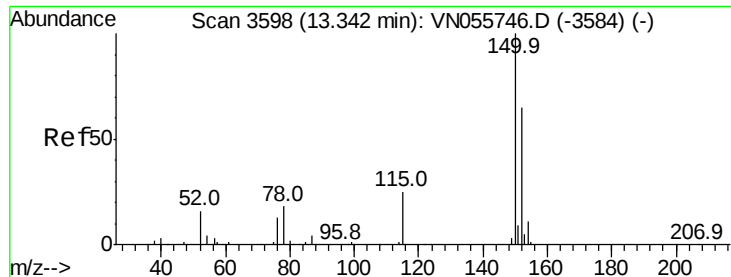
Tot Ion:106 Resp: 1526
Ion Ratio Lower Upper
106 100
91 190.8 159.3 238.9



#71
Bromoform
Concen: 0.406 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN055851.D
Acq: 28 May 2019 14:31

Tgt Ion:173 Resp: 1491
Ion Ratio Lower Upper
173 100
175 910.0 24.3 72.8#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055851.D

Acq: 28 May 2019 14:31

Instrument :

MSVOA_N

ClientSampleId :

MW5-R1-1DL

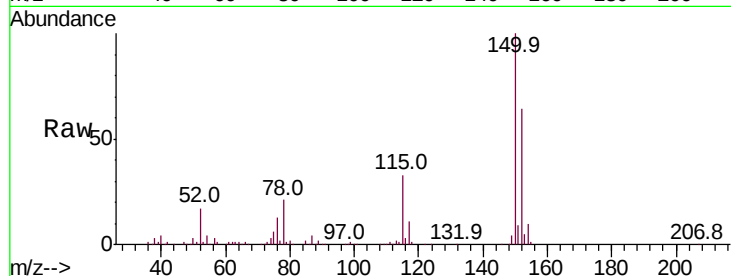
Tot Ion:152 Resp: 175949

Ion Ratio Lower Upper

152 100

115 52.7 27.0 81.0

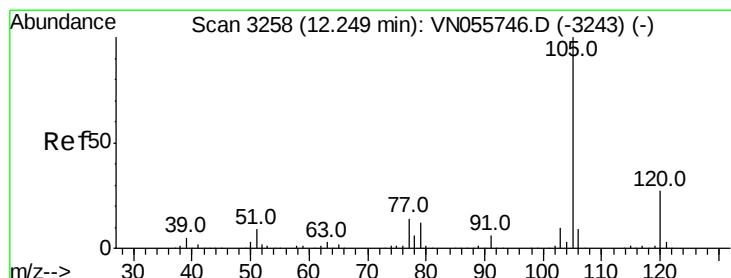
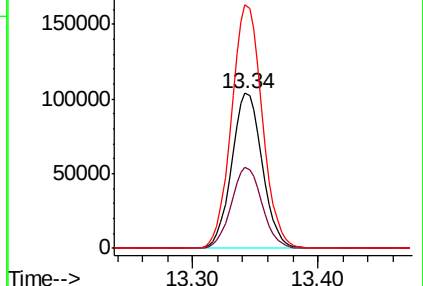
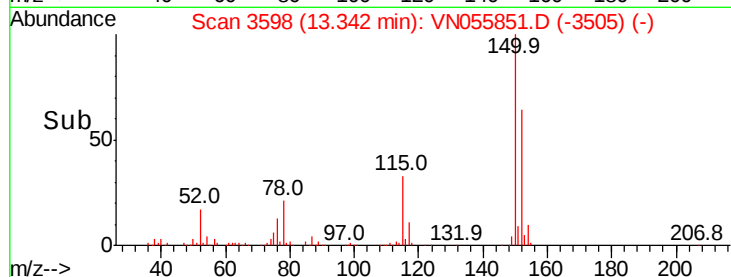
150 157.7 0.0 343.2



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: VN055851.D

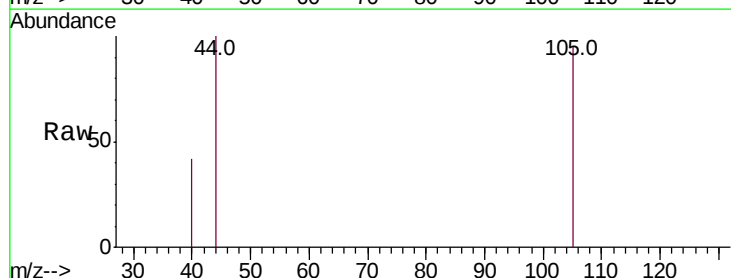
Acq: 28 May 2019 14:31

Tgt Ion:105 Resp: 957

Ion Ratio Lower Upper

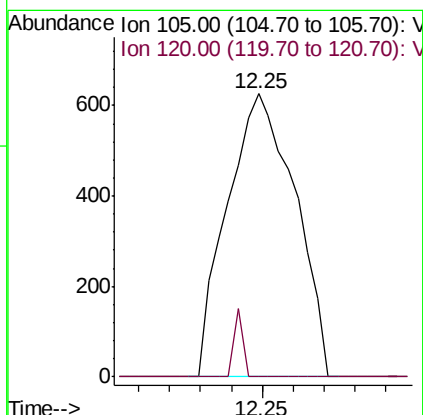
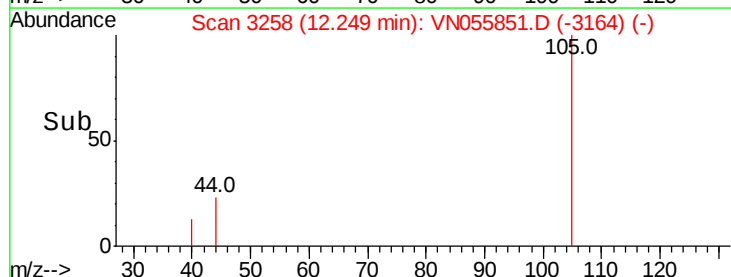
105 100

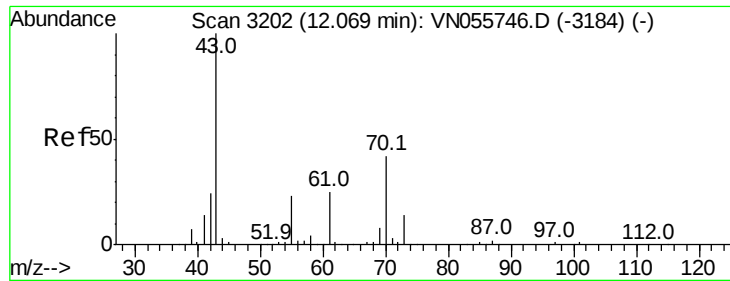
120 3.0 13.6 40.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: Below Cal

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN055851.D

Acq: 28 May 2019 14:31

Instrument :

MSVOA_N

ClientSampled :

MW5-R1-1DL

Tot Ion: 43 Resp: 1359

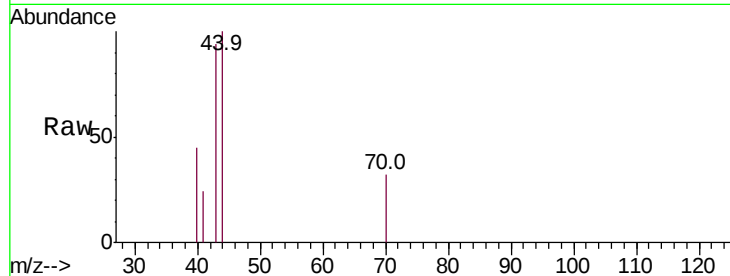
Ion Ratio Lower Upper

43 100

70 10.3 34.0 51.0#

55 4.7 18.6 28.0#

61 0.0 20.0 30.0#

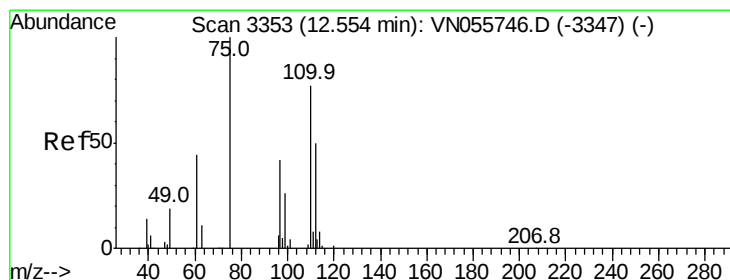
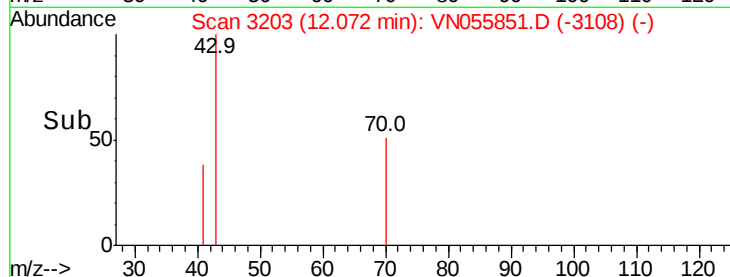
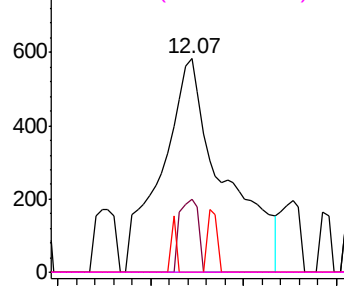


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#76

1,2,3-Trichloropropane

Concen: 32.723 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055851.D

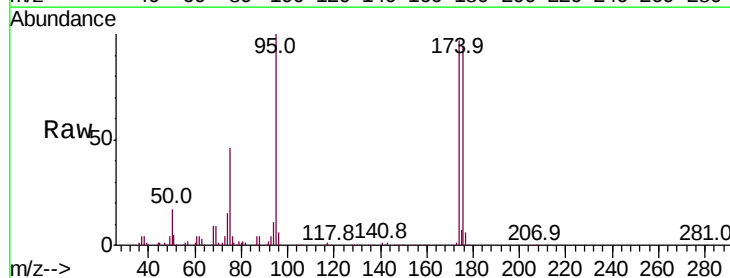
Acq: 28 May 2019 14:31

Tgt Ion: 75 Resp: 102437

Ion Ratio Lower Upper

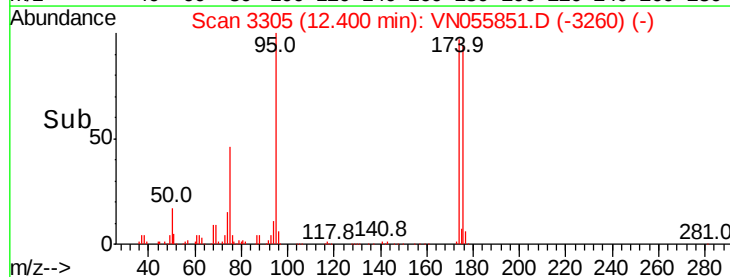
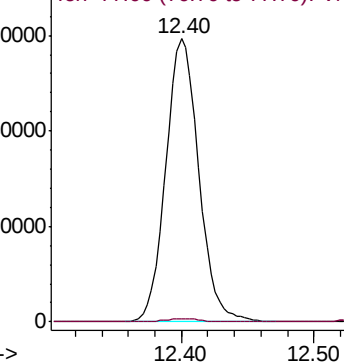
75 100

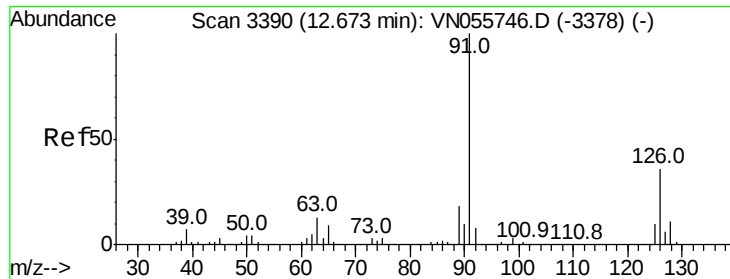
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

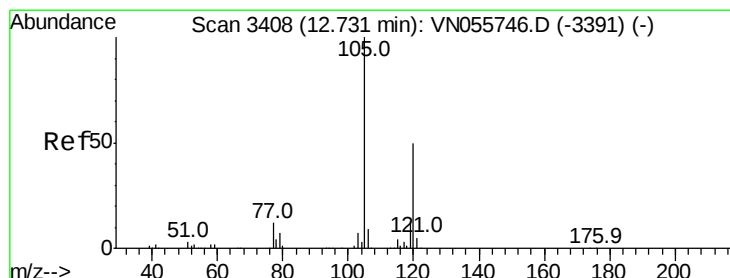
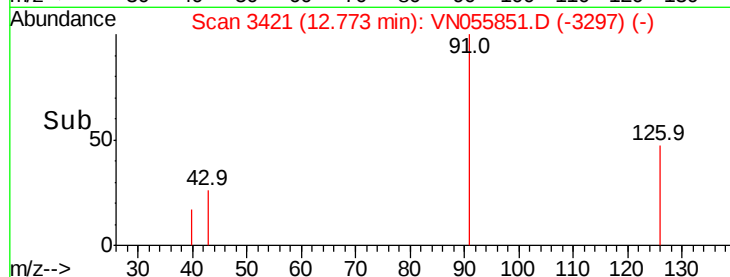
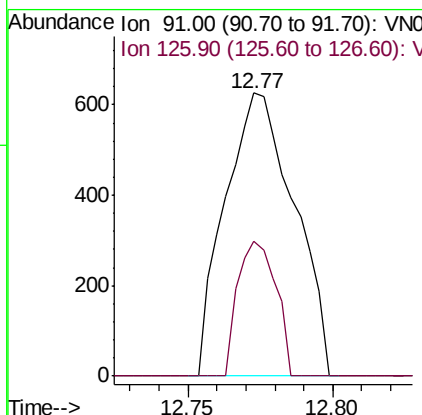
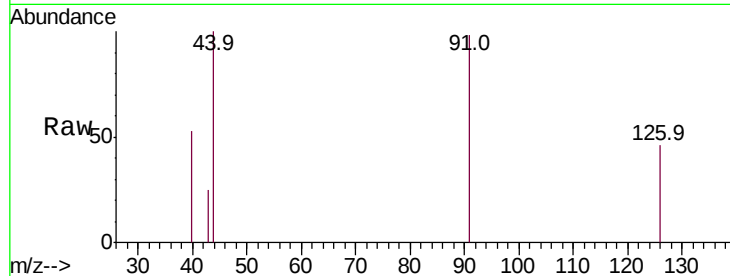




#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.77 min Scan# 3421
 Delta R.T. 0.10 min
 Lab File: VN055851.D
 Acq: 28 May 2019 14:31

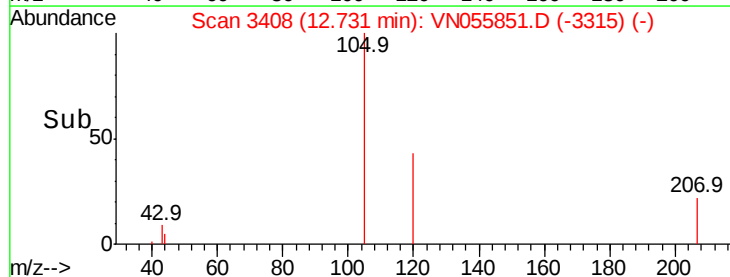
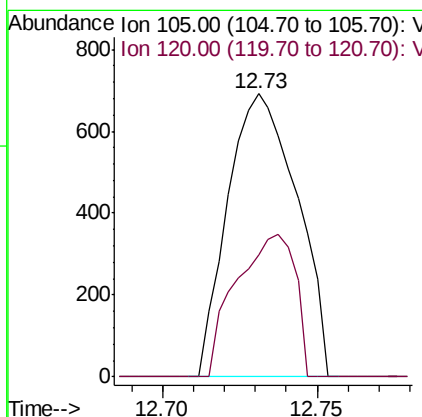
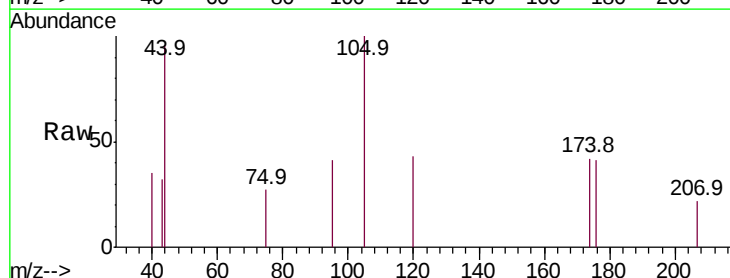
Instrument :
 MSVOA_N
 ClientSampleId :
 MW5-R1-1DL

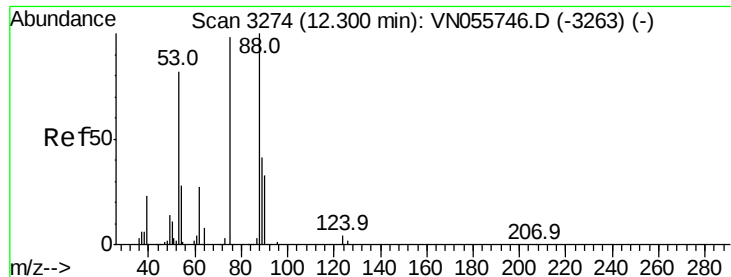
Tot Ion: 91 Resp: 1038
 Ion Ratio Lower Upper
 91 100
 126 26.2 18.1 54.4



#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055851.D
 Acq: 28 May 2019 14:31

Tgt Ion:105 Resp: 1079
 Ion Ratio Lower Upper
 105 100
 120 43.0 24.7 74.1

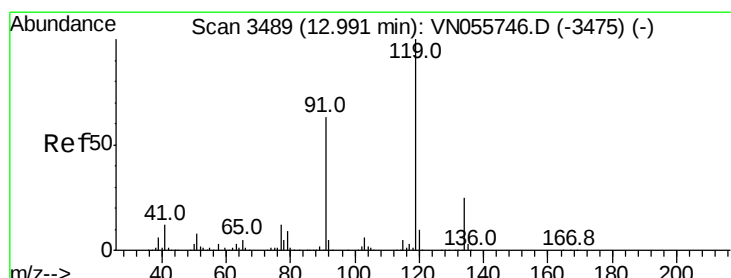
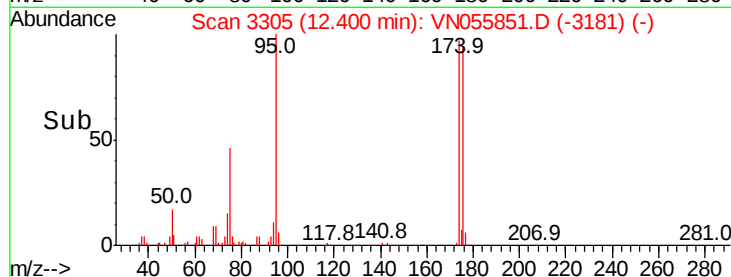
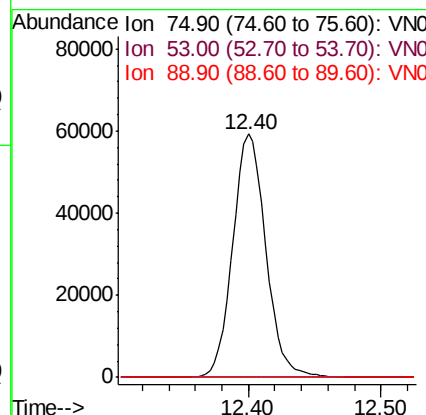
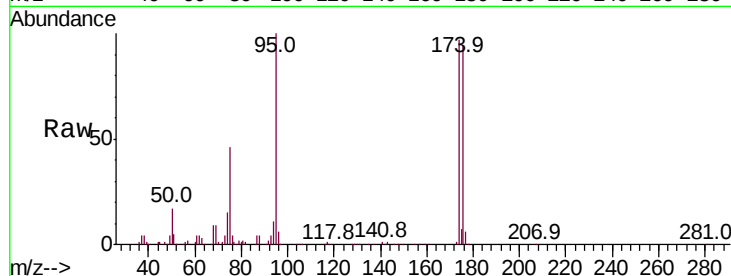




#81
trans-1,4-Dichloro-2-butene
Concen: 78.333 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN055851.D
Acq: 28 May 2019 14:31

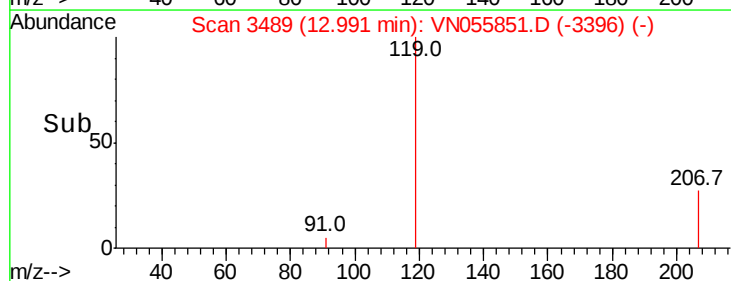
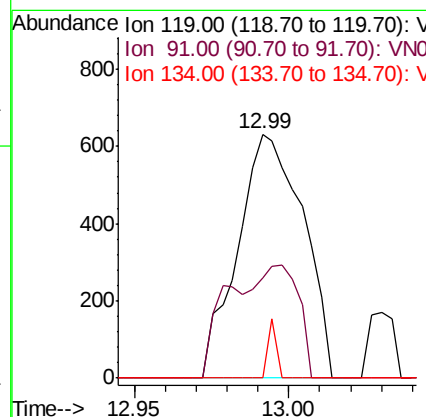
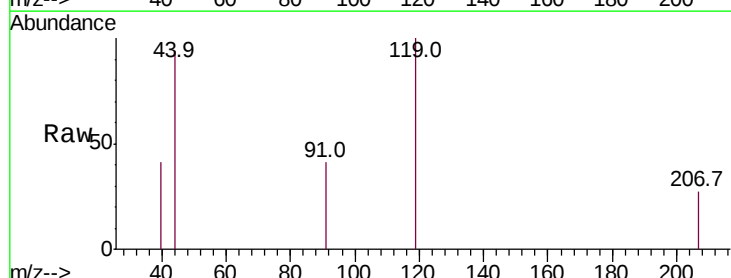
Instrument :
MSVOA_N
ClientSampleId :
MW5-R1-1DL

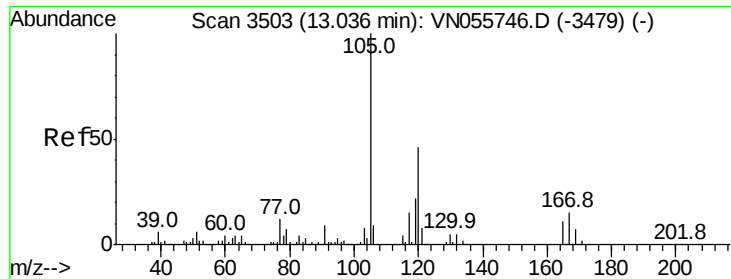
Tot Ion: 75 Resp: 102437
Ion Ratio Lower Upper
75 100
53 0.0 68.1 102.1#
89 0.0 36.9 55.3#



#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055851.D
Acq: 28 May 2019 14:31

Tgt Ion: 119 Resp: 931
Ion Ratio Lower Upper
119 100
91 26.7 30.9 92.8#
134 3.1 13.3 39.8#

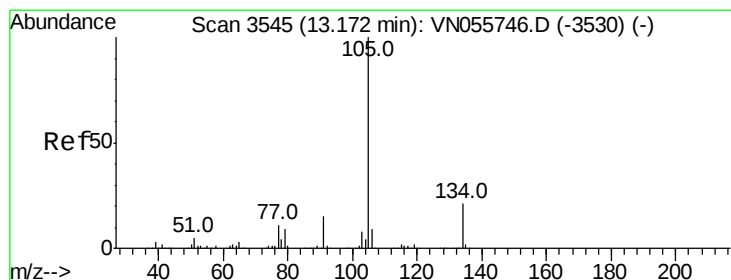
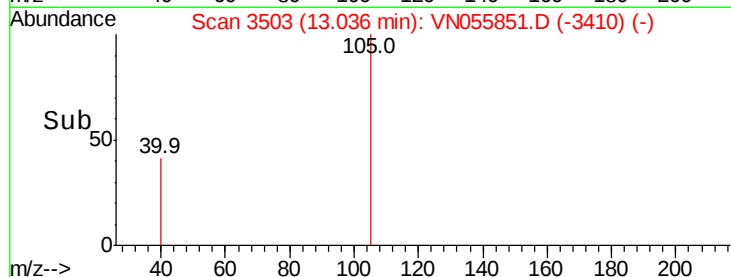
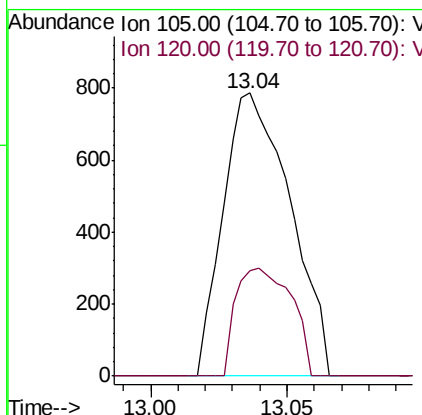
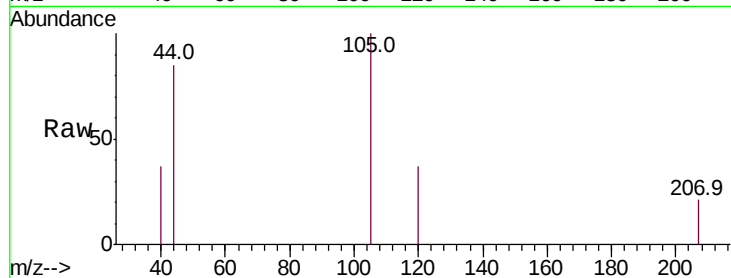




#84
 1,2,4-Trimethylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN055851.D
 Acq: 28 May 2019 14:31

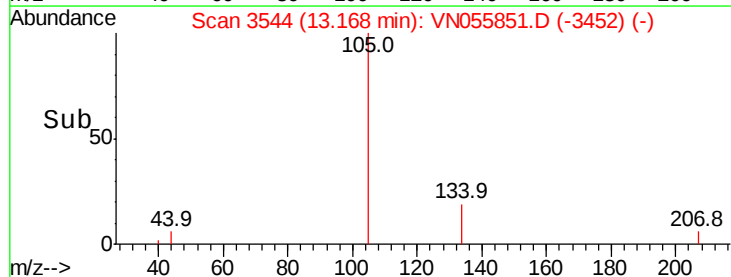
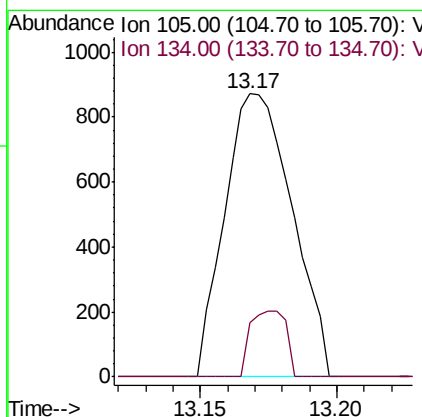
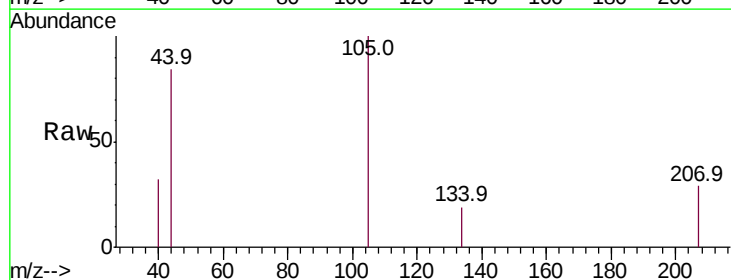
Instrument :
 MSVOA_N
 ClientSampled :
 MW5-R1-1DL

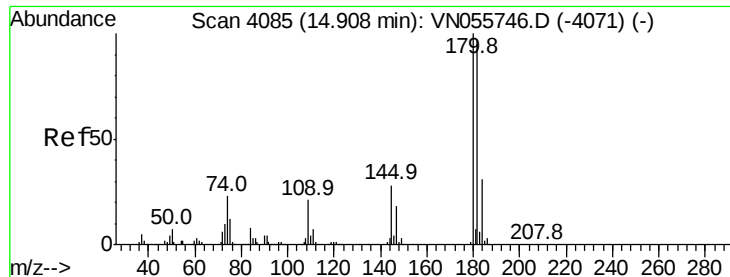
Tot Ion:105 Resp: 1342
 Ion Ratio Lower Upper
 105 100
 120 31.7 23.0 69.0



#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN055851.D
 Acq: 28 May 2019 14:31

Tgt Ion:105 Resp: 1496
 Ion Ratio Lower Upper
 105 100
 134 12.2 10.4 31.2

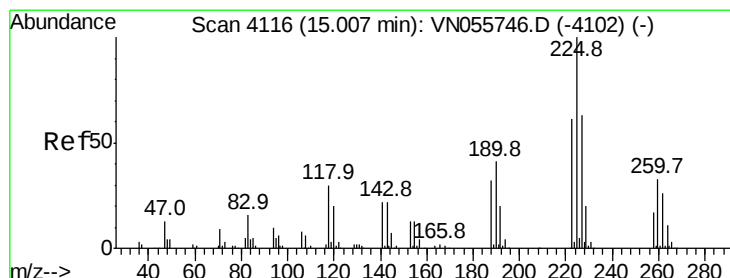
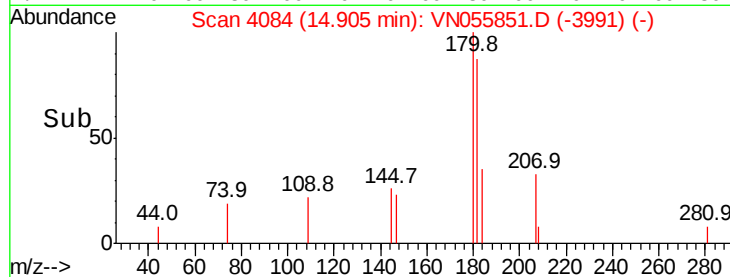
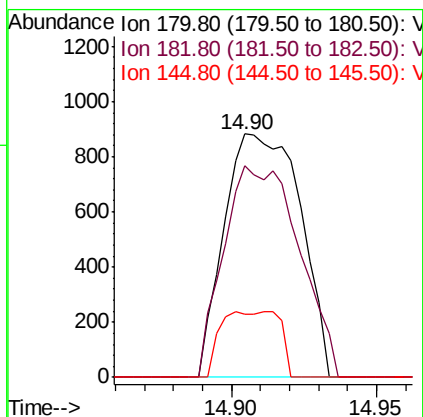
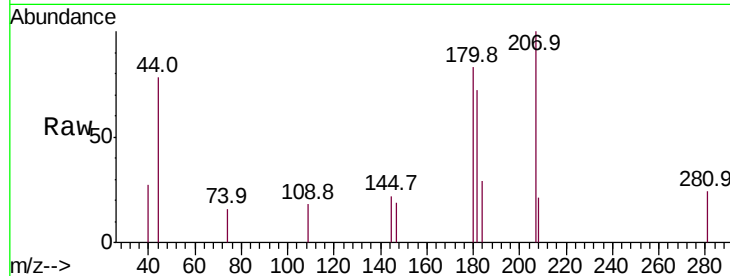




#93
 1,2,4-Trichlorobenzene
 Concen: 4.073 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN055851.D
 Acq: 28 May 2019 14:31

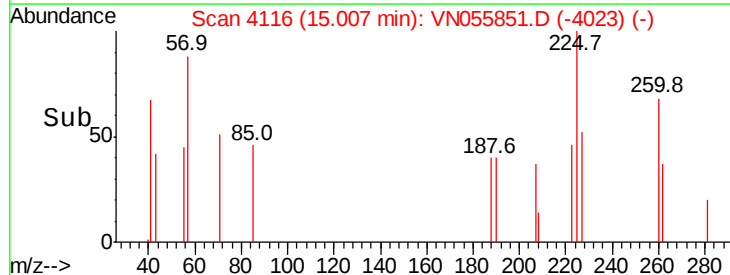
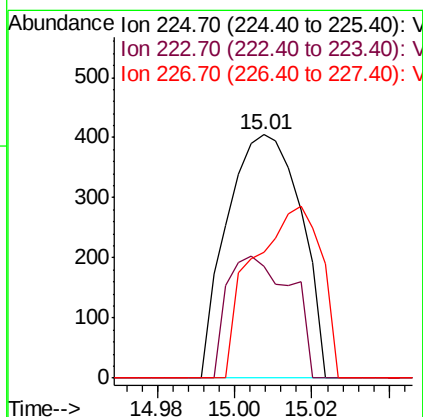
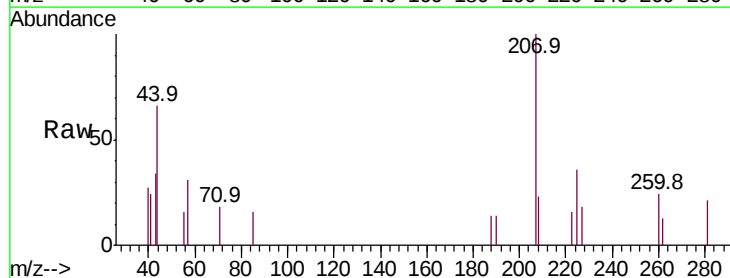
Instrument :
 MSVOA_N
 ClientSampleId :
 MW5-R1-1DL

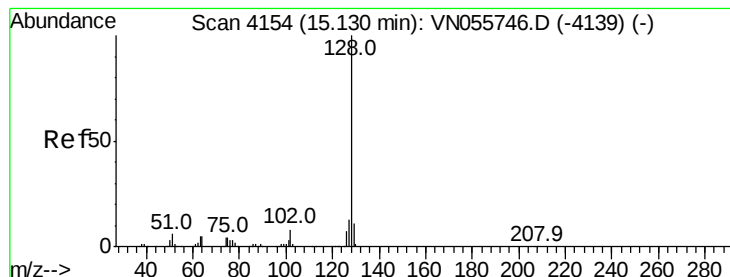
Tot Ion:180 Resp: 1604
 Ion Ratio Lower Upper
 180 100
 182 86.5 48.3 144.9
 145 13.0 14.0 41.9#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055851.D
 Acq: 28 May 2019 14:31

Tgt Ion:225 Resp: 536
 Ion Ratio Lower Upper
 225 100
 223 43.5 30.9 92.7
 227 65.3 31.6 94.7





#95

Naphthalene

Concen: 0.926 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055851.D

Acq: 28 May 2019 14:31

Instrument :

MSVOA_N

ClientSampled :

MW5-R1-1DL

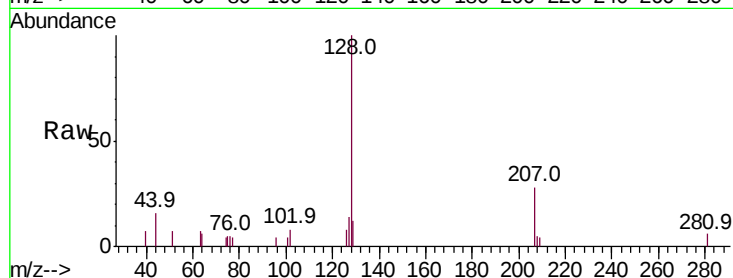
Tot Ion:128 Resp: 7535

Ion Ratio Lower Upper

128 100

127 11.2 10.3 15.5

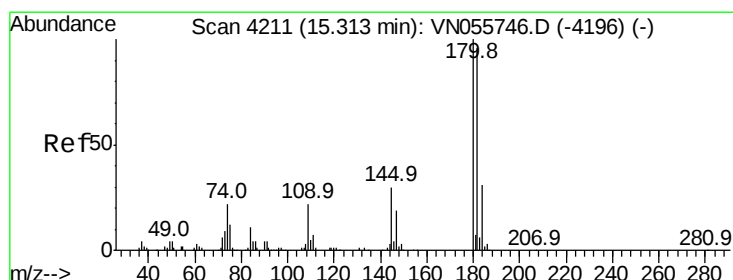
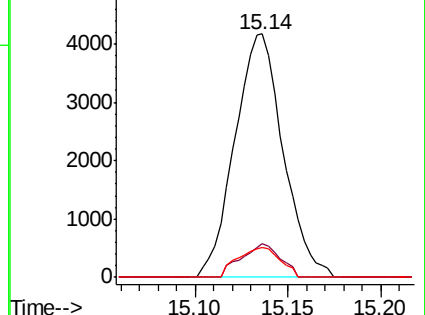
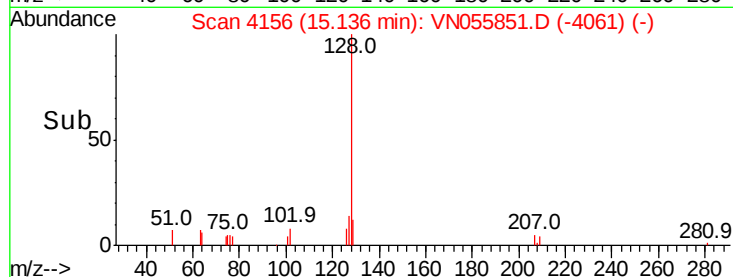
129 10.8 8.7 13.1



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: 0.639 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055851.D

Acq: 28 May 2019 14:31

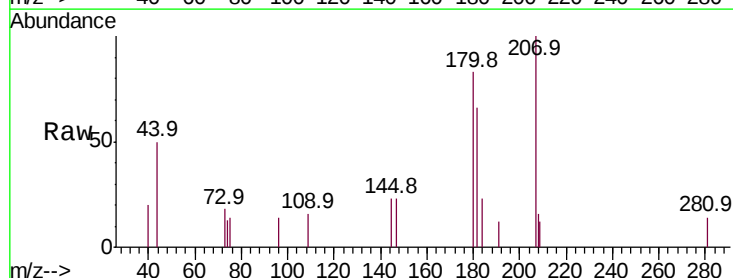
Tgt Ion:180 Resp: 2003

Ion Ratio Lower Upper

180 100

182 86.3 47.9 143.7

145 22.6 14.9 44.7



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

