

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
 Data File : VN058055.D
 Acq On : 14 Sep 2019 6:44
 Operator : JC/SP
 Sample : K4663-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 16 01:55:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	332851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	586139	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	537576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	279584	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	389053	57.71	ug/l	0.00
Spiked Amount			Recovery	=	115.42%	
35) Dibromofluoromethane	7.58	113	265068	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	
50) Toluene-d8	10.08	98	1061618	50.54	ug/l	0.00
Spiked Amount			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	12.41	95	350240	43.76	ug/l	0.00
Spiked Amount			Recovery	=	87.52%	

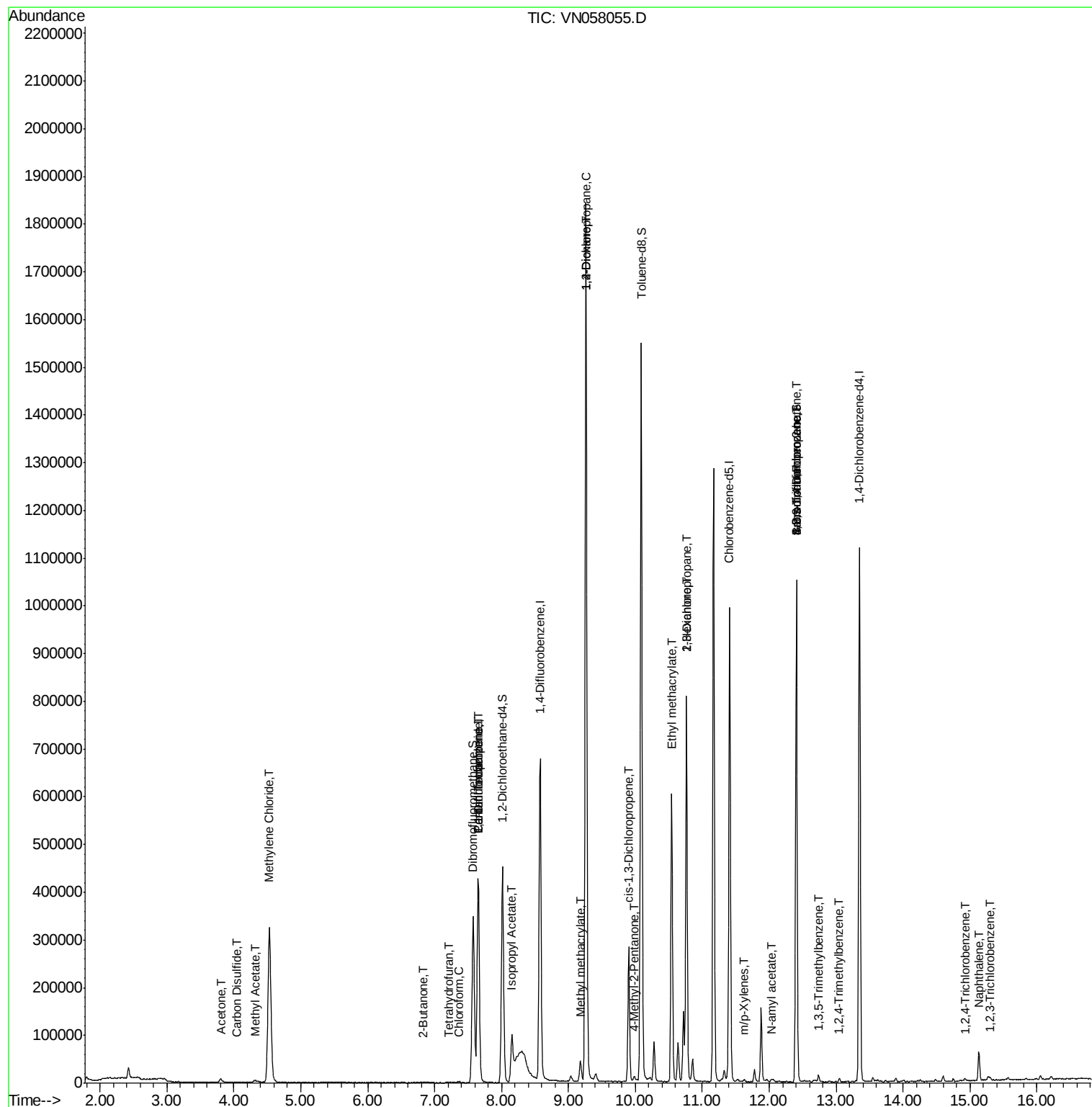
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.55	94	725	Below Cal		83
16) Acetone	3.80	43	11981	5.421	ug/l #	88
17) Carbon Disulfide	4.04	76	765	0.297	ug/l #	75
18) Methyl Acetate	4.30	43	5228	0.887	ug/l #	89
20) Methylene Chloride	4.53	84	235421	56.106	ug/l	97
25) 2-Butanone	6.81	43	677	0.212	ug/l #	49
29) Tetrahydrofuran	7.22	42	1476	0.749	ug/l #	51
30) Chloroform	7.36	83	2573	0.277	ug/l #	79
31) Cyclohexane	7.66	56	8688	Below Cal	#	21
36) 1,1-Dichloropropene	7.65	75	28680	4.219	ug/l #	51
38) Carbon Tetrachloride	7.65	117	34862	5.617	ug/l #	15
43) Isopropyl Acetate	8.16	43	138610	11.736	ug/l #	84
45) 1,2-Dichloropropane	9.26	63	2092	0.351	ug/l #	44
48) Methyl methacrylate	9.18	41	6869	1.147	ug/l #	13
49) 1,4-Dioxane	9.25	88	128	1.263	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	8172	1.169	ug/l	99
54) cis-1,3-Dichloropropene	9.90	75	48407	5.794	ug/l #	66
56) Ethyl methacrylate	10.54	69	2109	0.257	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	7415	0.788	ug/l #	43
59) 2-Hexanone	10.76	43	123085	23.495	ug/l #	53
68) m/p-Xylenes	11.62	106	1880	0.208	ug/l	90
71) Bromoform	12.40	173	1349	0.443	ug/l #	1
74) N-ethyl acetate	12.04	43	6886	0.729	ug/l #	49
76) 1,2,3-Trichloropropane	12.41	75	192041	30.364	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	6293	0.343	ug/l	88
81) trans-1,4-Dichloro-2-buten	12.41	75	192041	106.851	ug/l #	6
84) 1,2,4-Trimethylbenzene	13.05	105	4866	0.261	ug/l	97
93) 1,2,4-Trichlorobenzene	14.92	180	1884	0.291	ug/l	91
95) Naphthalene	15.13	128	47827	1.395	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	2115	1.364	ug/l	83

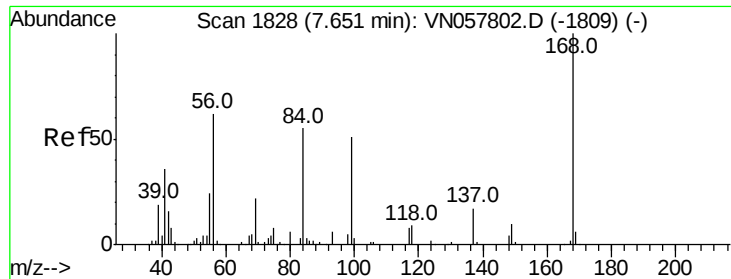
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN058055.D

Acq: 14 Sep 2019 6:44

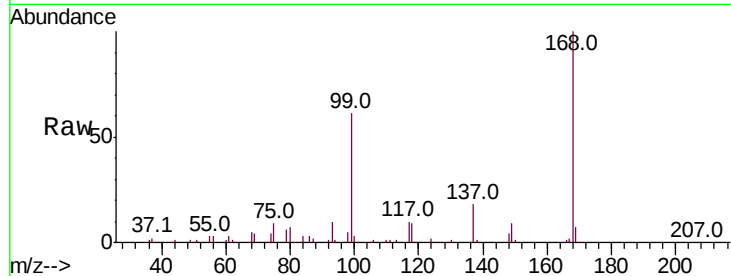
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 332851

Ion Ratio Lower Upper

168 100

99 60.8 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

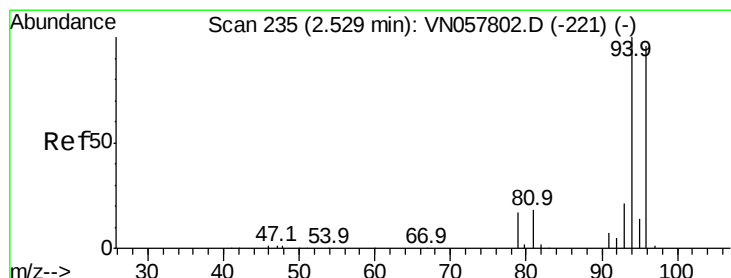
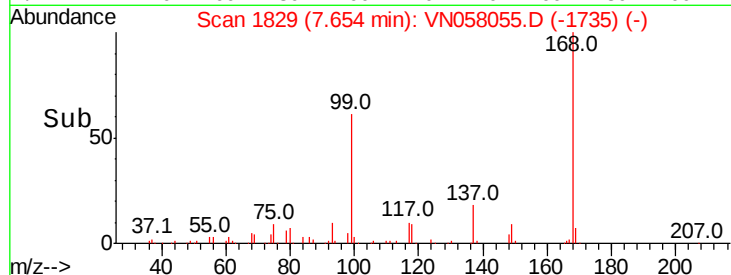
100000

50000

0

Time-->

7.55 7.60 7.65 7.70 7.75



#5

Bromomethane

Concen: Below Cal

RT: 2.55 min Scan# 242

Delta R.T. 0.02 min

Lab File: VN058055.D

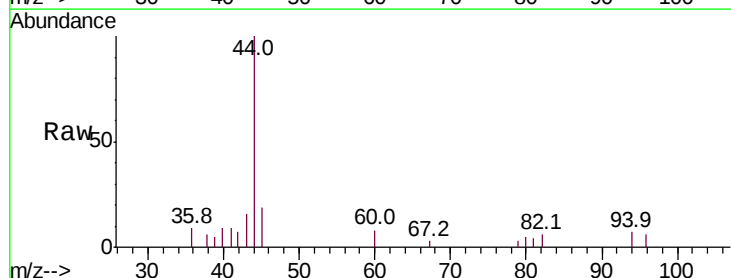
Acq: 14 Sep 2019 6:44

Tgt Ion: 94 Resp: 725

Ion Ratio Lower Upper

94 100

96 79.6 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.55

500

400

300

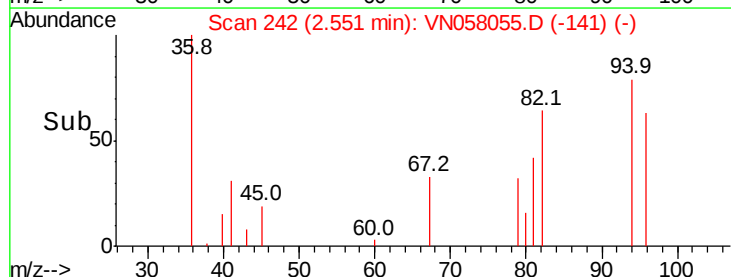
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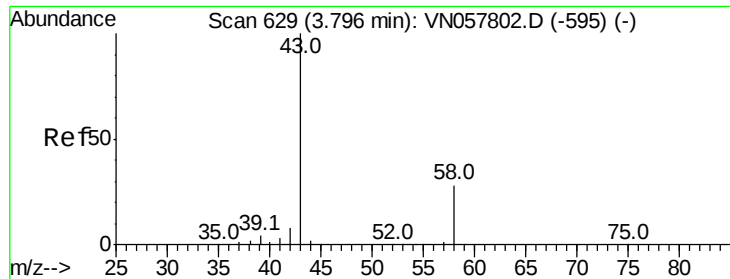
100

0

Time-->

2.52 2.54 2.56 2.58





#16

Acetone

Concen: 5.421 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058055.D

Acq: 14 Sep 2019 6:44

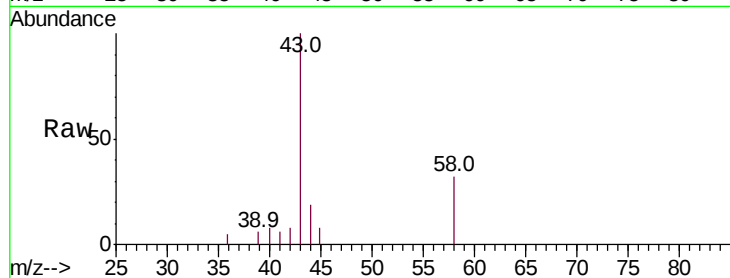
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 11981

Ion Ratio Lower Upper

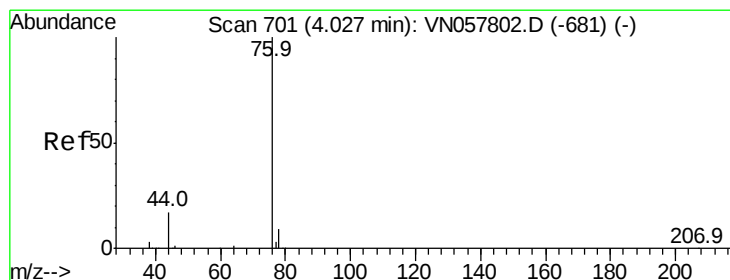
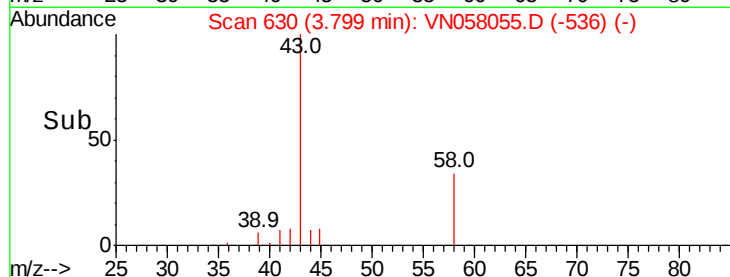
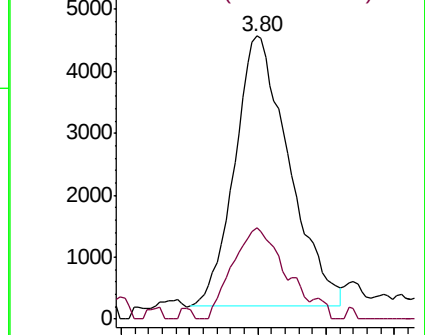
43 100

58 33.8 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VN058055.D (-536) (-)

Ion 58.00 (57.70 to 58.70): VN058055.D (-536) (-)



#17

Carbon Disulfide

Concen: 0.297 ug/l

RT: 4.04 min Scan# 706

Delta R.T. 0.02 min

Lab File: VN058055.D

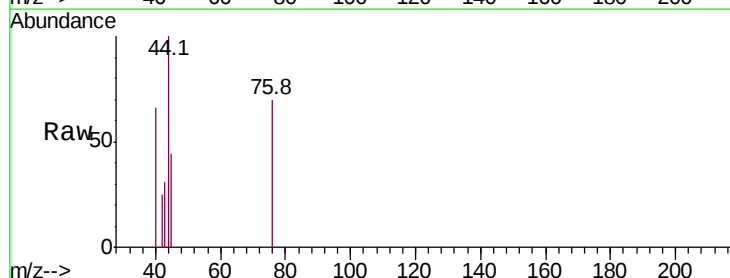
Acq: 14 Sep 2019 6:44

Tgt Ion: 76 Resp: 765

Ion Ratio Lower Upper

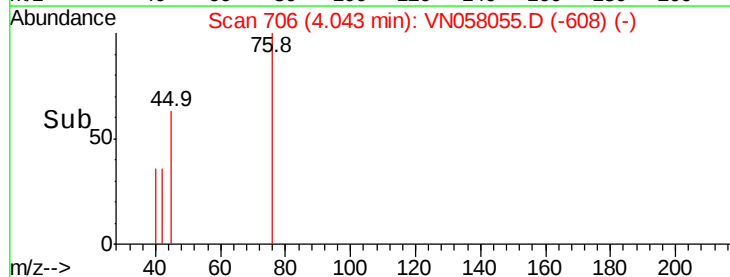
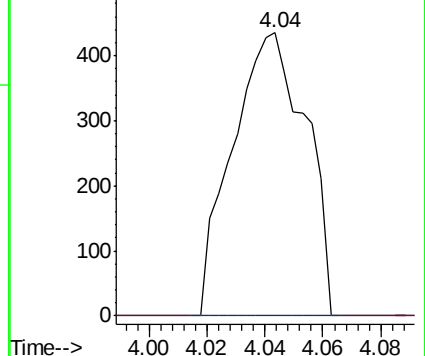
76 100

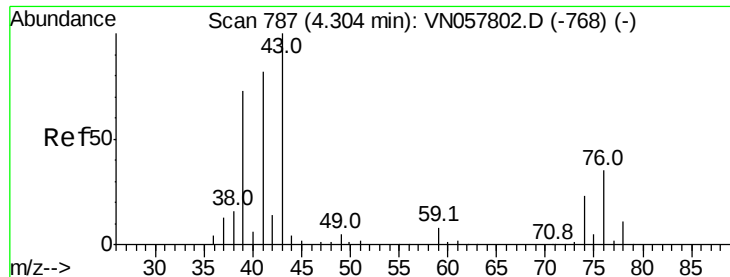
78 0.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VN058055.D (-608) (-)

Ion 77.90 (77.60 to 78.60): VN058055.D (-608) (-)

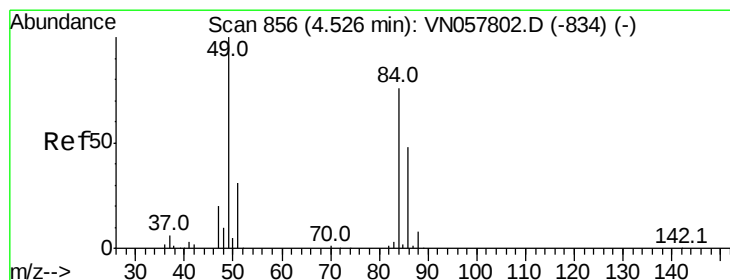
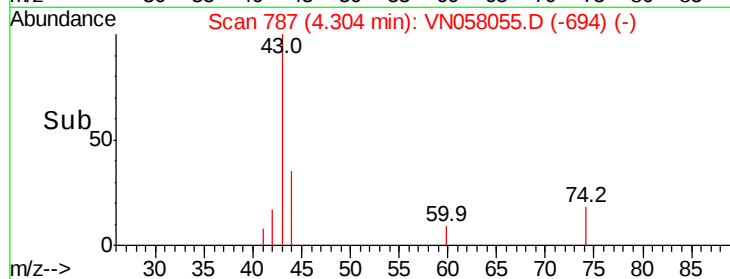
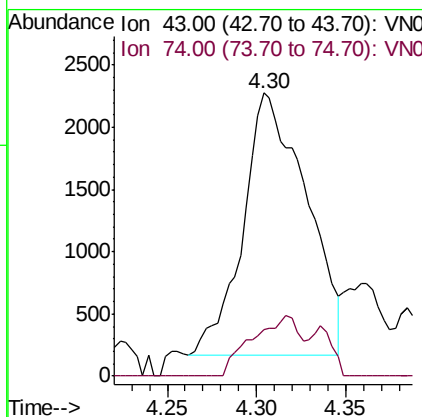
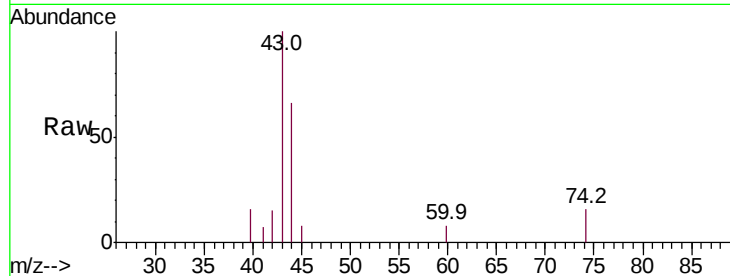




#18
Methyl Acetate
Concen: 0.887 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.00 min
Lab File: VN058055.D
Acq: 14 Sep 2019 6:44

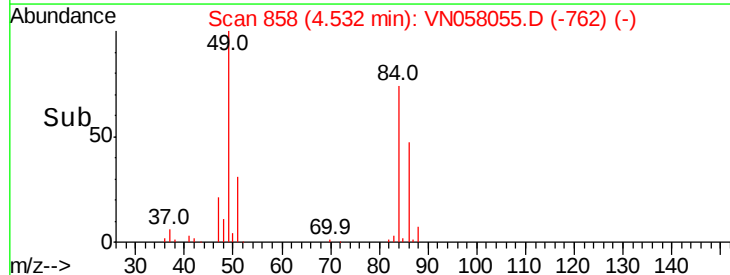
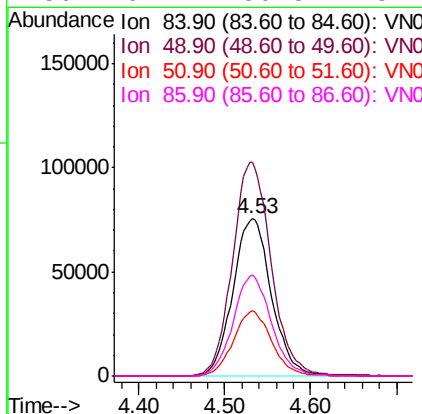
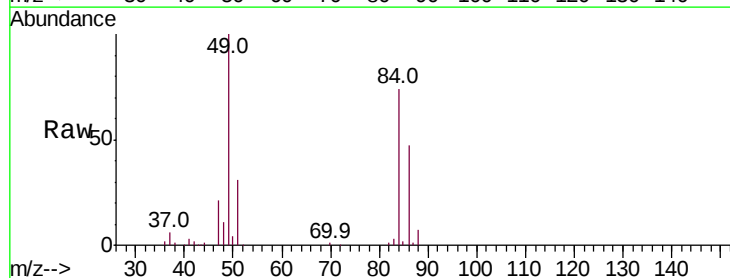
Instrument :
MSVOA_N
ClientSampled :

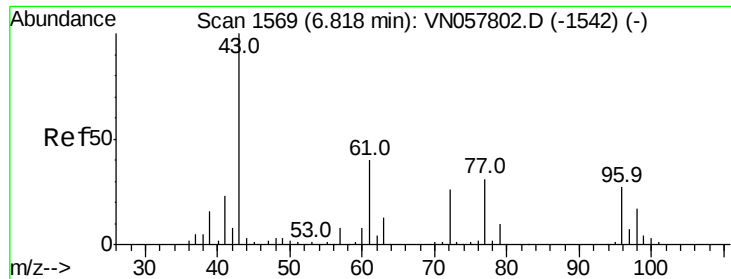
Tot Ion: 43 Resp: 5228
Ion Ratio Lower Upper
43 100
74 17.2 17.9 26.9#



#20
Methylene Chloride
Concen: 56.106 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN058055.D
Acq: 14 Sep 2019 6:44

Tgt Ion: 84 Resp: 235421
Ion Ratio Lower Upper
84 100
49 135.8 104.8 157.2
51 41.6 33.0 49.4
86 64.2 50.5 75.7

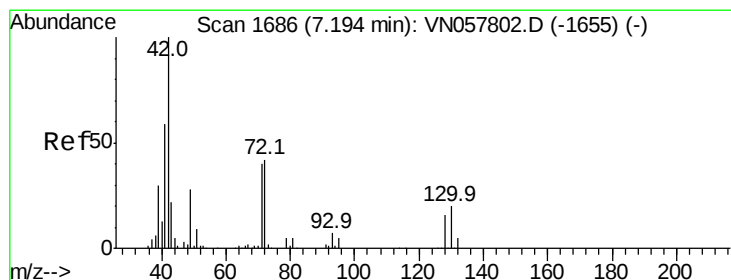
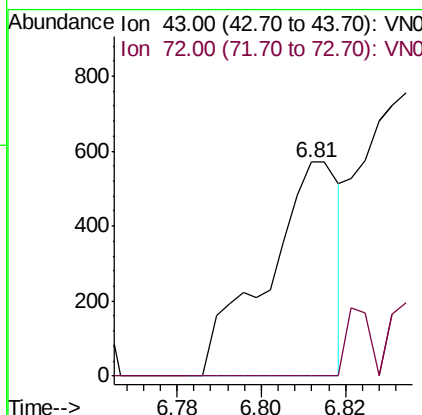
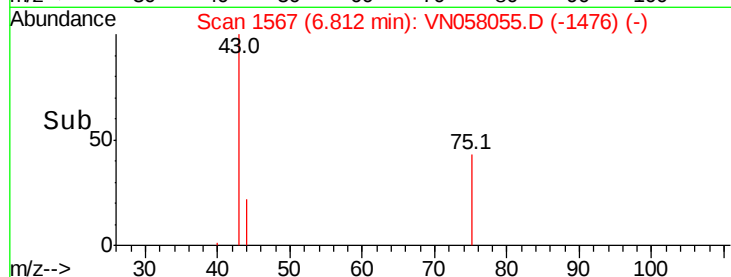
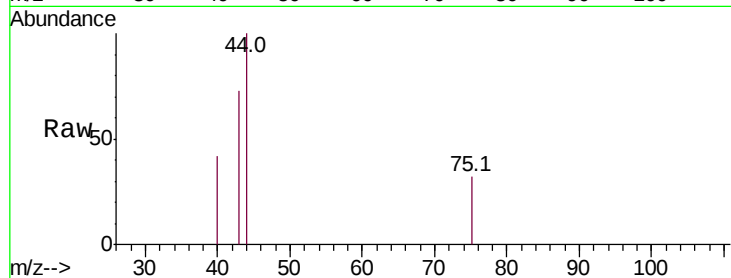




#25
2-Butanone
Concen: 0.212 ug/l
RT: 6.81 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VN058055.D
Acq: 14 Sep 2019 6:44

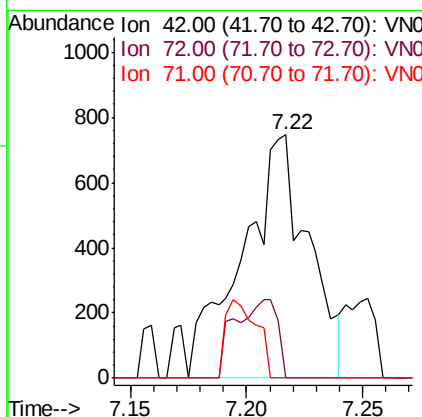
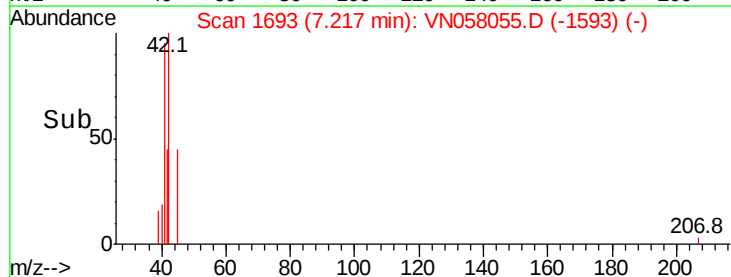
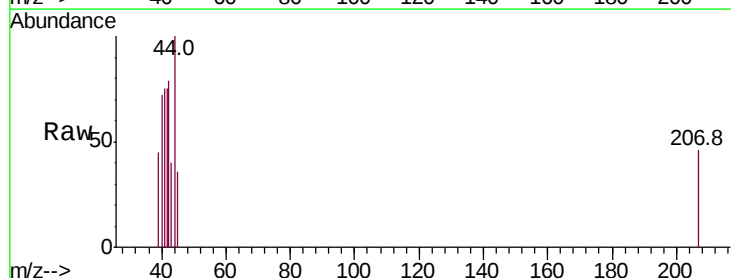
Instrument :
MSVOA_N
ClientSampleId :

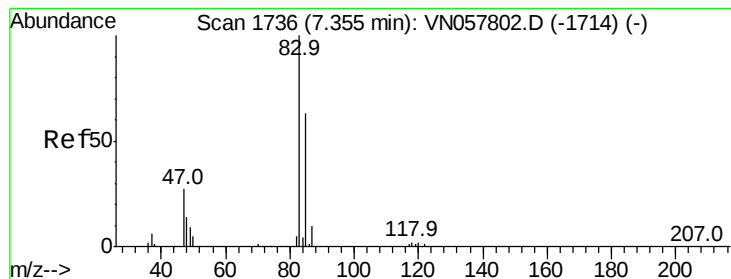
Tot Ion: 43 Resp: 677
Ion Ratio Lower Upper
43 100
72 0.0 20.6 30.8#



#29
Tetrahydrofuran
Concen: 0.749 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.02 min
Lab File: VN058055.D
Acq: 14 Sep 2019 6:44

Tgt Ion: 42 Resp: 1476
Ion Ratio Lower Upper
42 100
72 20.8 33.7 50.5#
71 0.0 31.9 47.9#





#30

Chloroform

Concen: 0.277 ug/l

RT: 7.36 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VN058055.D

Acq: 14 Sep 2019 6:44

Instrument :

MSVOA_N

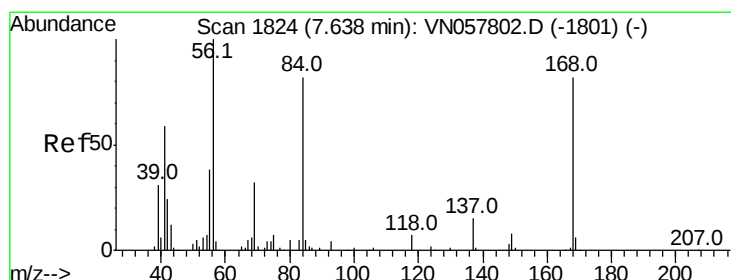
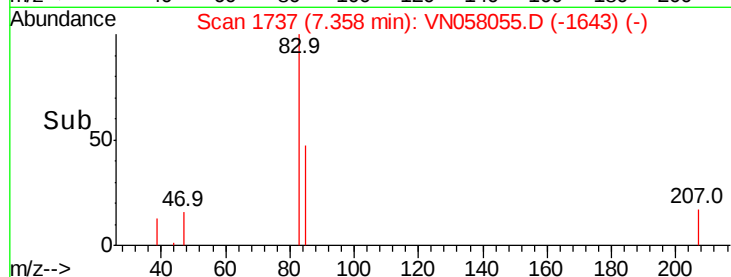
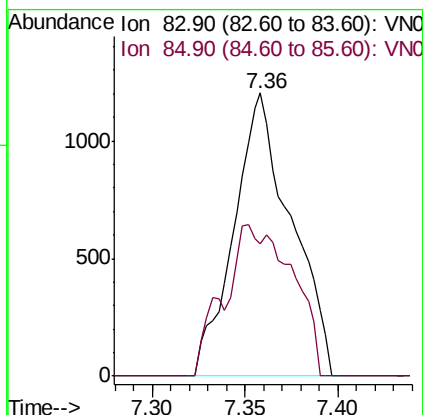
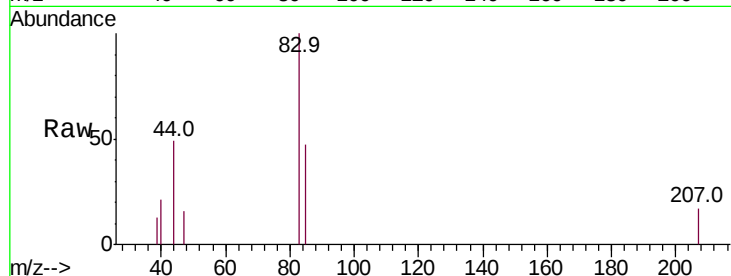
ClientSampleId :

Tot Ion: 83 Resp: 2573

Ion Ratio Lower Upper

83 100

85 47.0 50.6 75.8#



#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1830

Delta R.T. 0.02 min

Lab File: VN058055.D

Acq: 14 Sep 2019 6:44

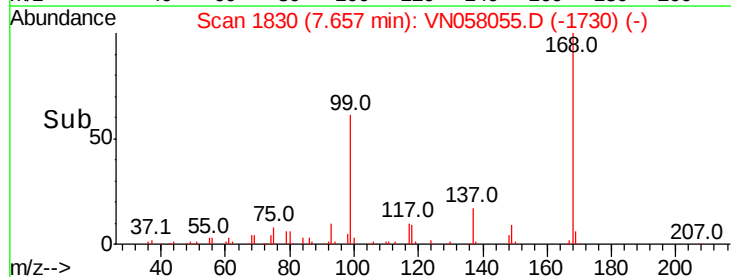
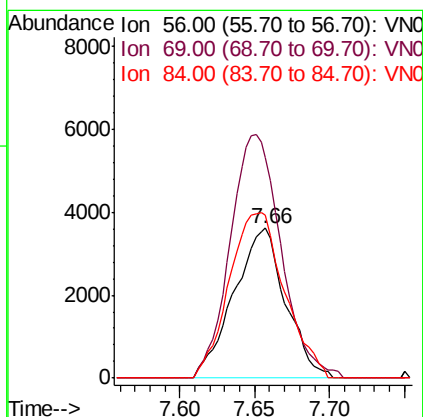
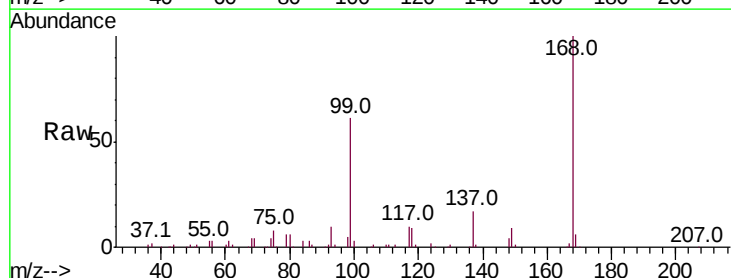
Tgt Ion: 56 Resp: 8688

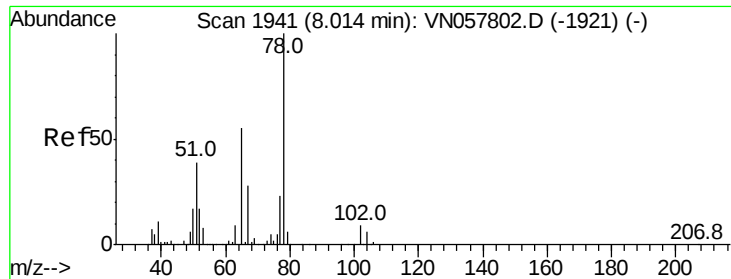
Ion Ratio Lower Upper

56 100

69 147.1 25.9 38.9#

84 108.3 65.6 98.4#





#33

1,2-Dichloroethane-d4

Concen: 57.709 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058055.D

Acq: 14 Sep 2019 6:44

Instrument :

MSVOA_N

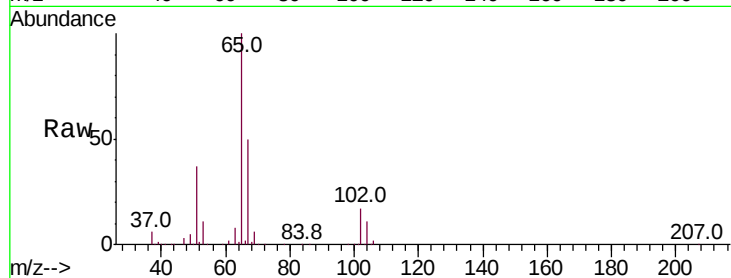
ClientSampleId :

Tot Ion: 65 Resp: 389053

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN057802.D (-1921) (-)

Ion 66.90 (66.60 to 67.60): VN057802.D (-1921) (-)

8.01

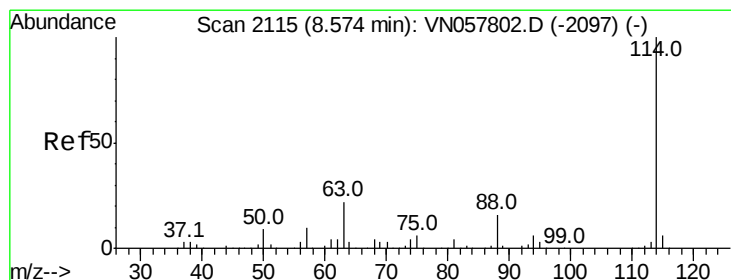
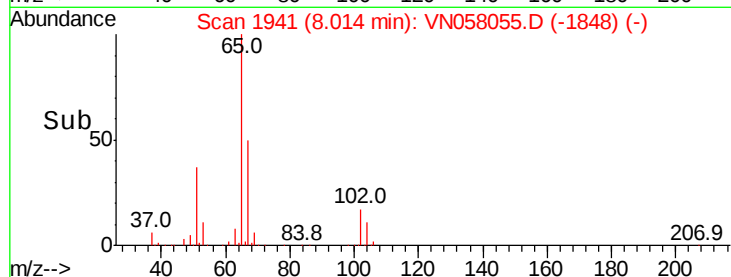
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN058055.D

Acq: 14 Sep 2019 6:44

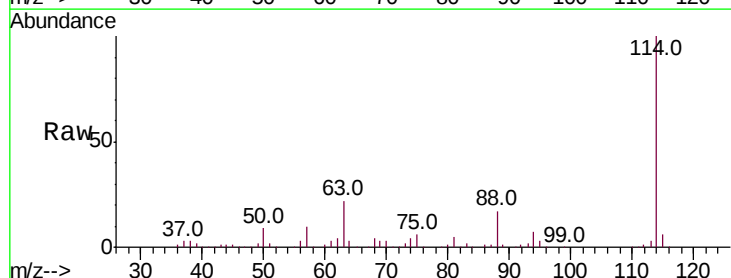
Tgt Ion: 114 Resp: 586139

Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.0

88 16.6 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN057802.D (-2097) (-)

Ion 63.00 (62.70 to 63.70): VN057802.D (-2097) (-)

Ion 87.90 (87.60 to 88.60): VN057802.D (-2097) (-)

8.58

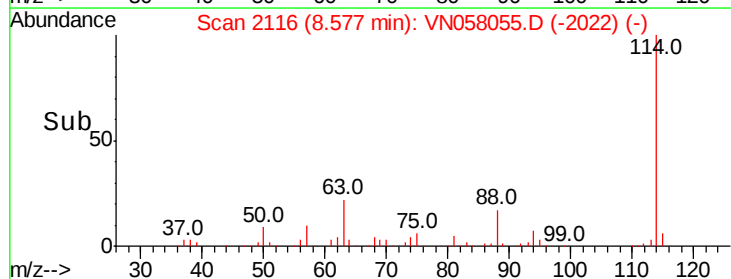
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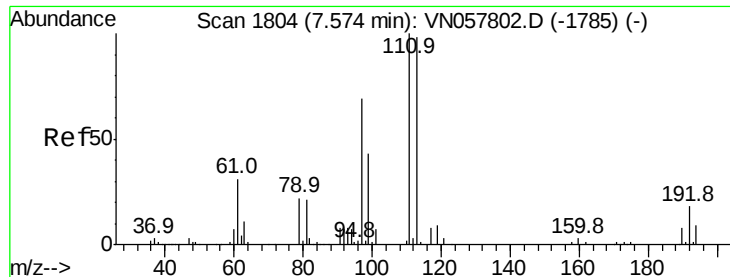
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 48.997 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN058055.D

Acq: 14 Sep 2019 6:44

Instrument :
MSVOA_N
ClientSampled :

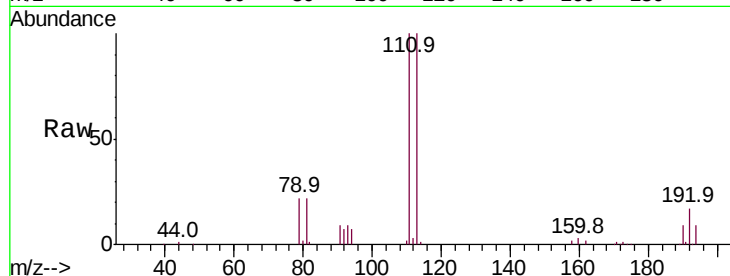
Tot Ion:113 Resp: 265068

Ion Ratio Lower Upper

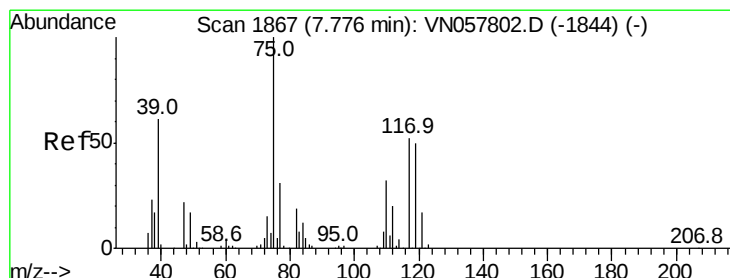
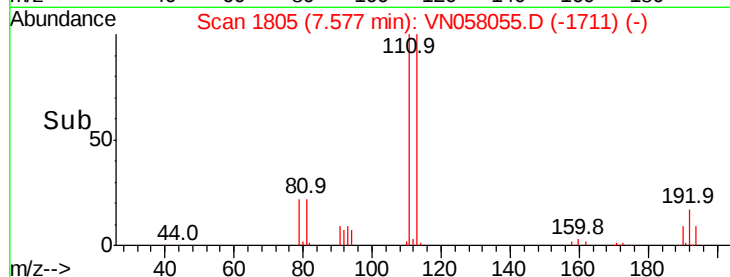
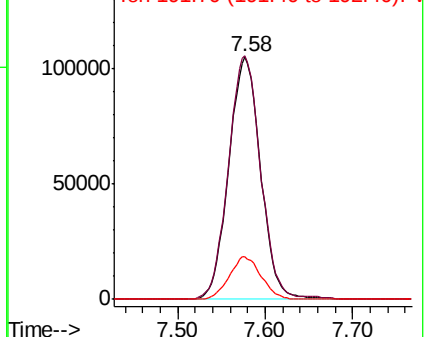
113 100

111 101.8 81.3 121.9

192 17.8 14.6 22.0



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: 4.219 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.13 min

Lab File: VN058055.D

Acq: 14 Sep 2019 6:44

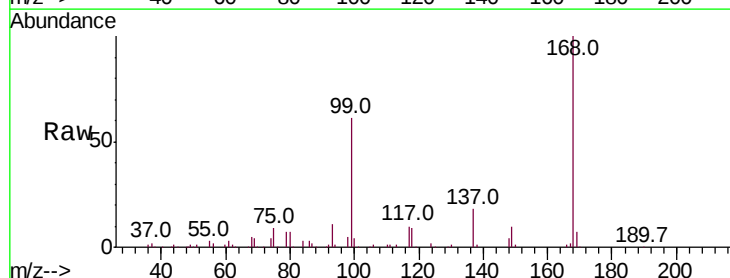
Tgt Ion: 75 Resp: 28680

Ion Ratio Lower Upper

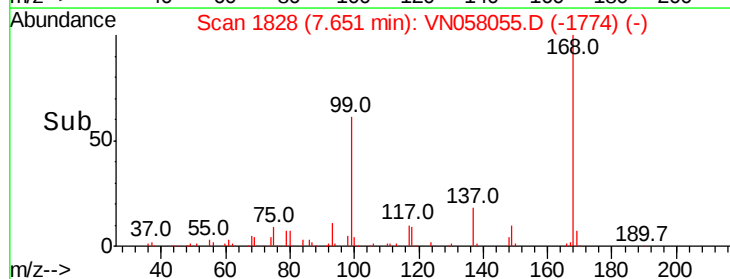
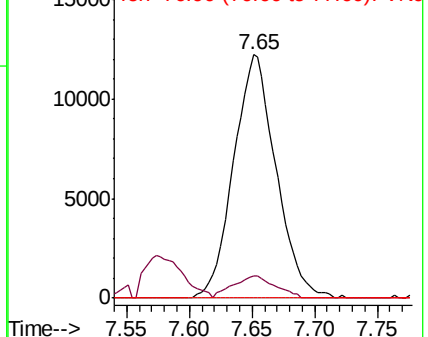
75 100

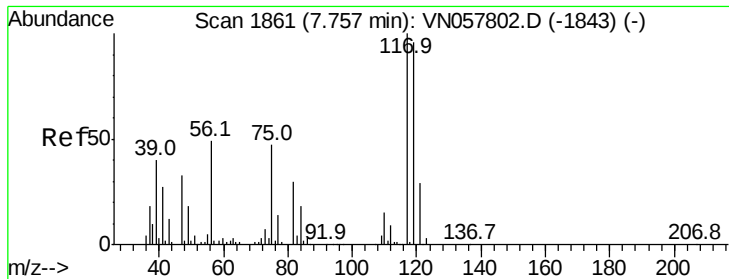
110 9.0 16.3 48.9#

77 0.0 25.0 37.4#



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





#38

Carbon Tetrachloride

Concen: 5.617 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN058055.D

Acq: 14 Sep 2019 6:44

Instrument :

MSVOA_N

ClientSampled :

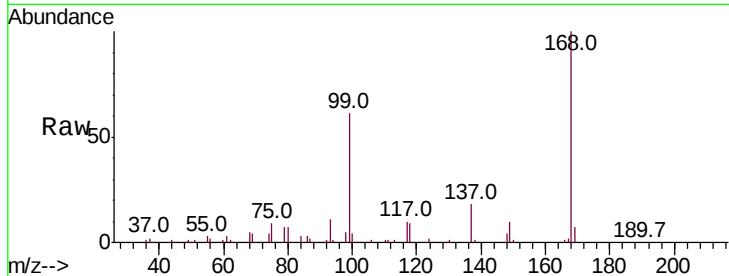
Tot Ion:117 Resp: 34862

Ion Ratio Lower Upper

117 100

119 4.0 76.9 115.3#

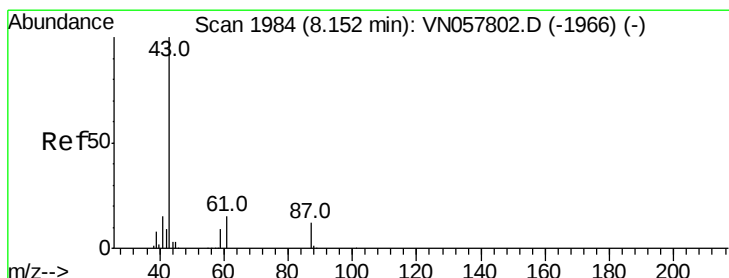
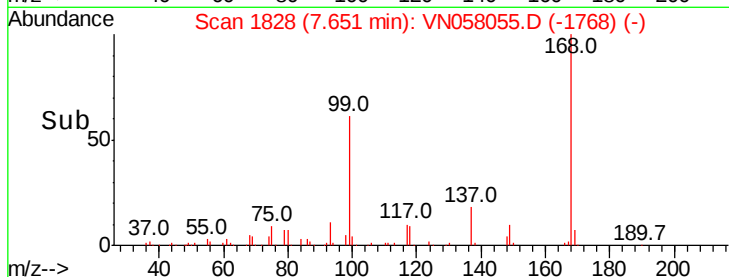
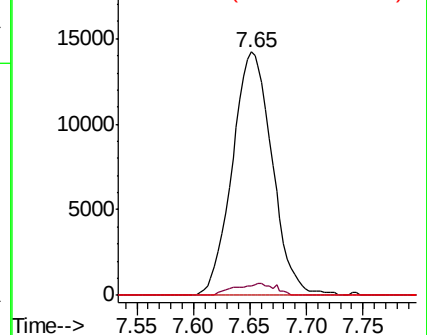
121 0.0 23.4 35.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 11.736 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN058055.D

Acq: 14 Sep 2019 6:44

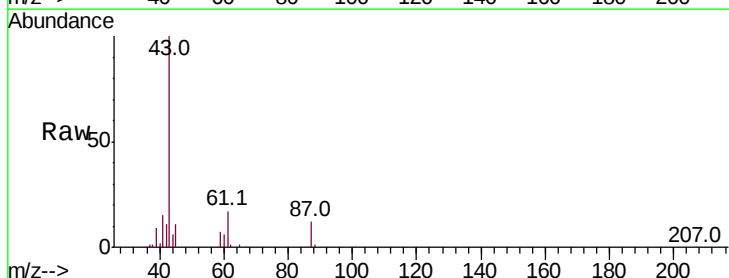
Tgt Ion: 43 Resp: 138610

Ion Ratio Lower Upper

43 100

61 14.8 20.1 30.1#

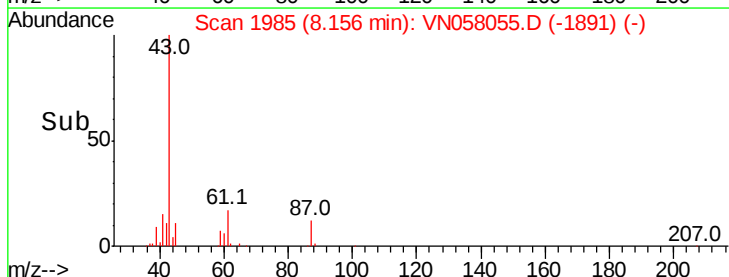
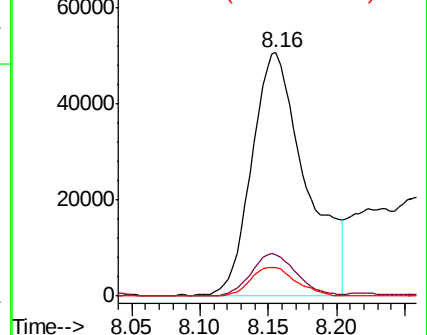
87 9.9 9.5 14.3

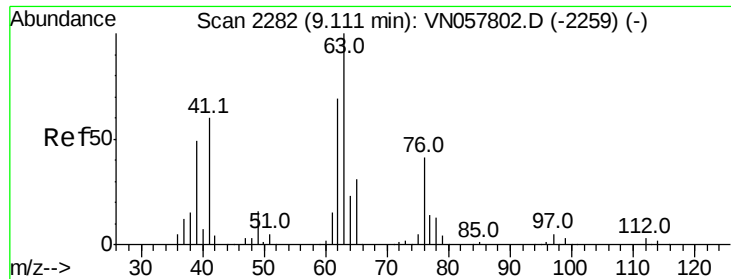


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.351 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.15 min

Lab File: VN058055.D

Acq: 14 Sep 2019 6:44

Instrument :

MSVOA_N

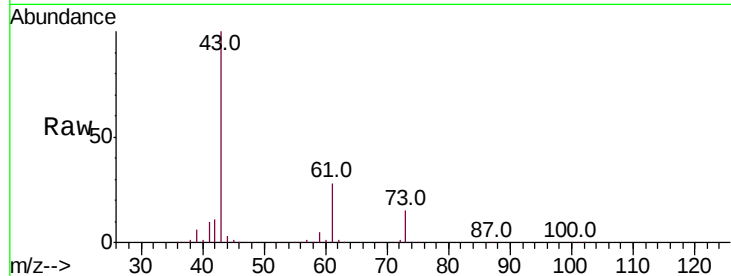
ClientSampled :

Tot Ion: 63 Resp: 2092

Ion Ratio Lower Upper

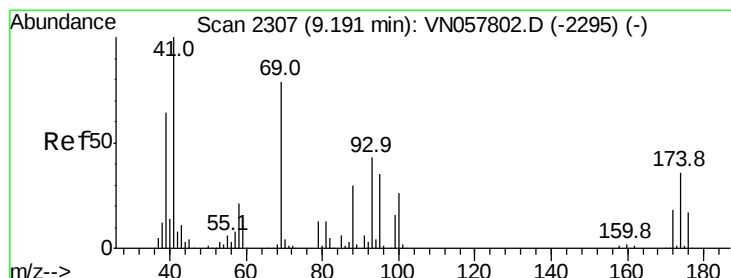
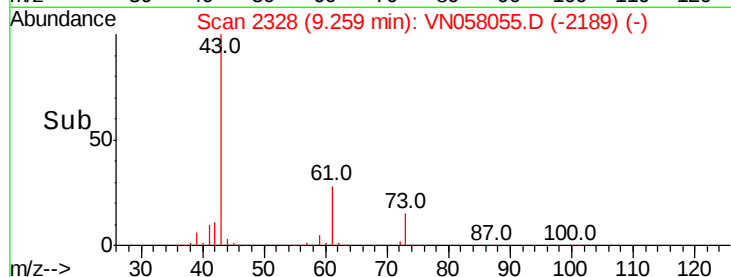
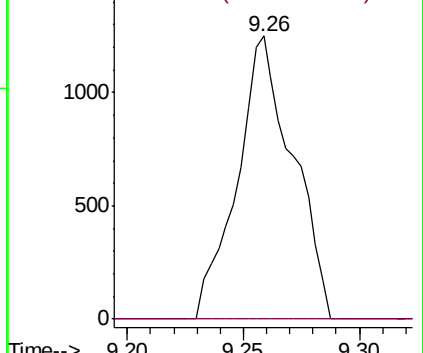
63 100

65 0.0 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#48

Methyl methacrylate

Concen: 1.147 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.02 min

Lab File: VN058055.D

Acq: 14 Sep 2019 6:44

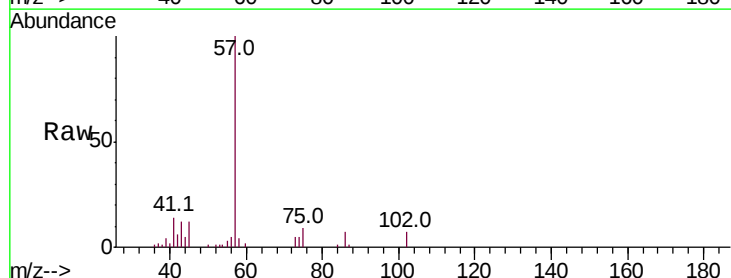
Tgt Ion: 41 Resp: 6869

Ion Ratio Lower Upper

41 100

69 0.0 62.7 94.1#

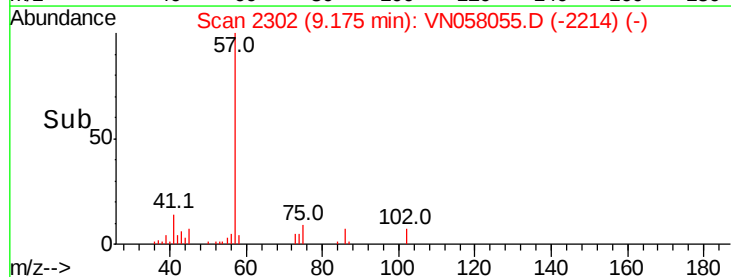
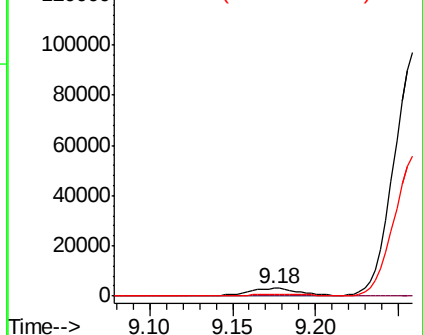
39 0.0 52.7 79.1#

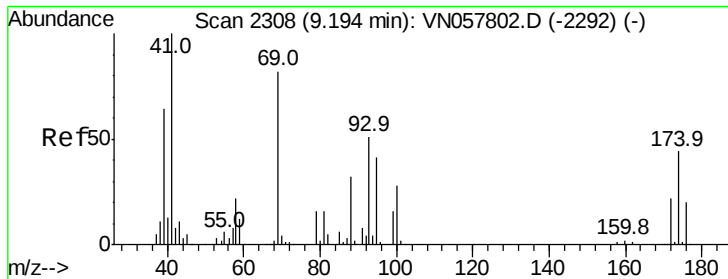


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#49

1,4-Dioxane

Concen: 1.263 ug/l

RT: 9.25 min Scan# 2326

Delta R.T. 0.06 min

Lab File: VN058055.D

Acq: 14 Sep 2019 6:44

Instrument :
MSVOA_N
ClientSampled :

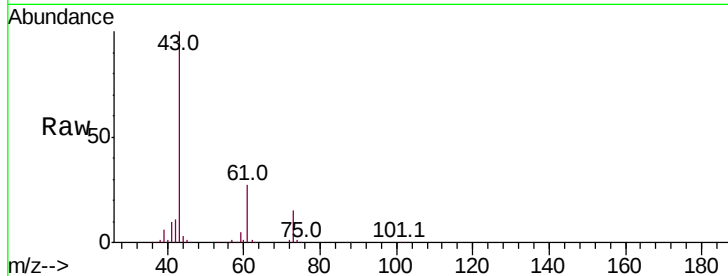
Tot Ion: 88 Resp: 128

Ion Ratio Lower Upper

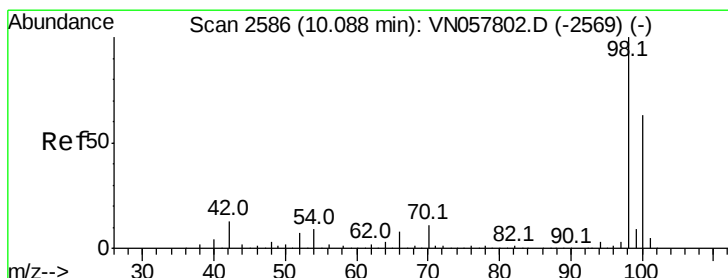
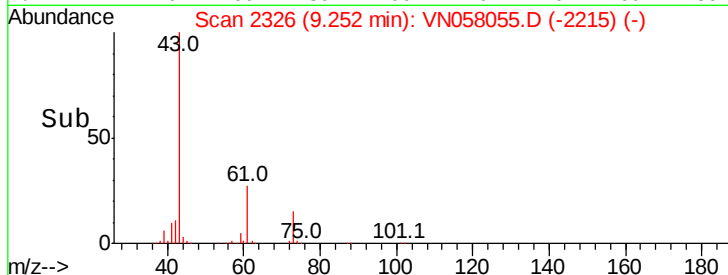
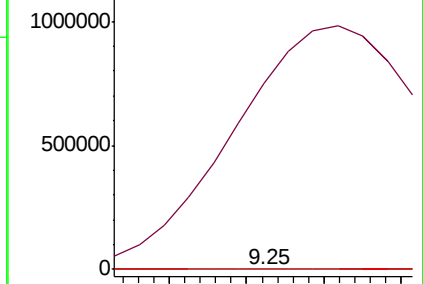
88 100

43 1426578.1 28.5 42.7#

58 6628.1 55.8 83.6#



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.544 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058055.D

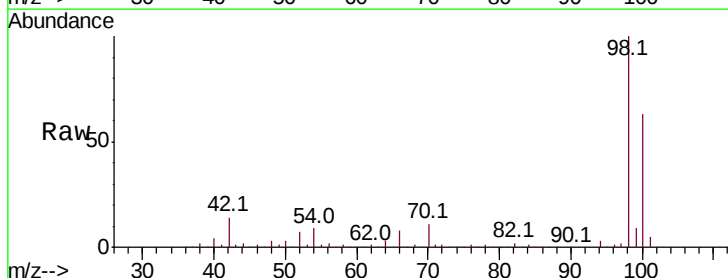
Acq: 14 Sep 2019 6:44

Tgt Ion: 98 Resp: 1061618

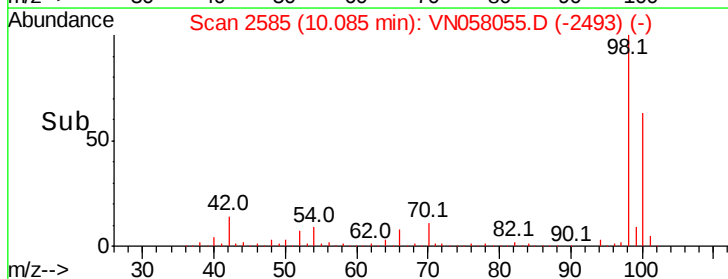
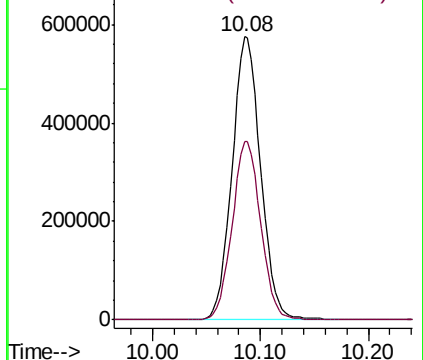
Ion Ratio Lower Upper

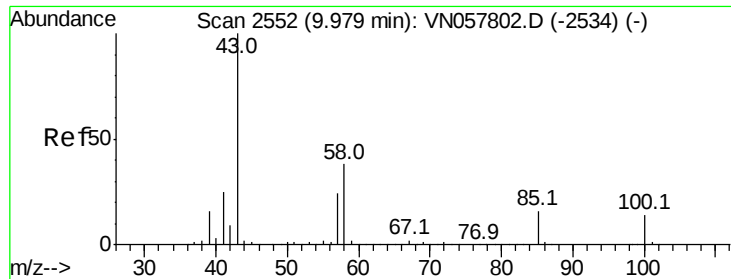
98 100

100 63.1 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

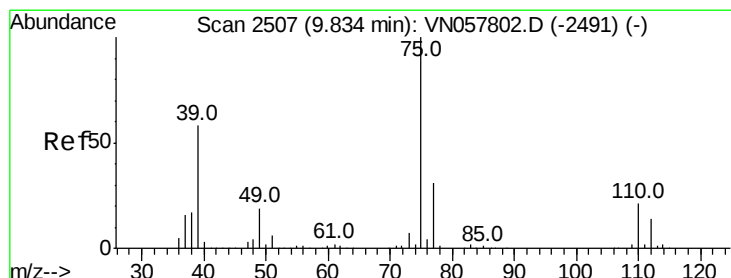
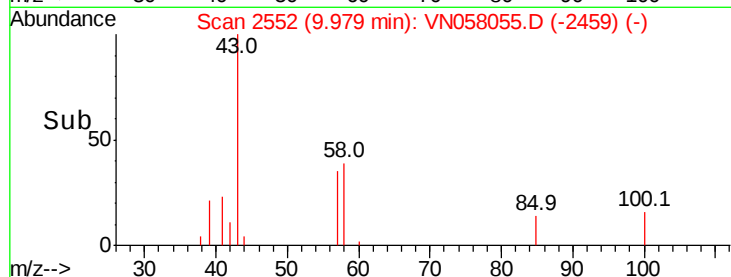
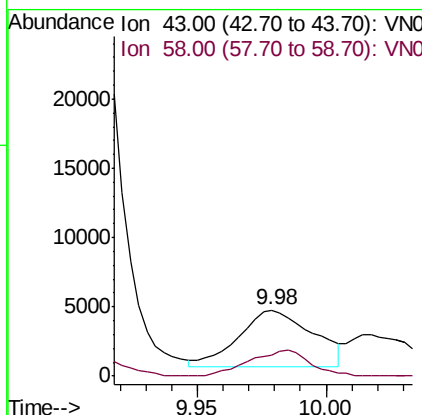
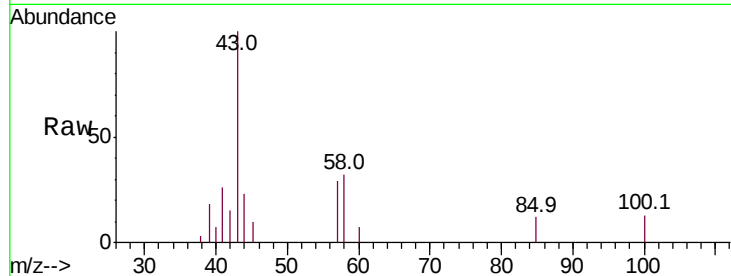




#51
4-Methyl-2-Pentanone
Concen: 1.169 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VN058055.D
Acq: 14 Sep 2019 6:44

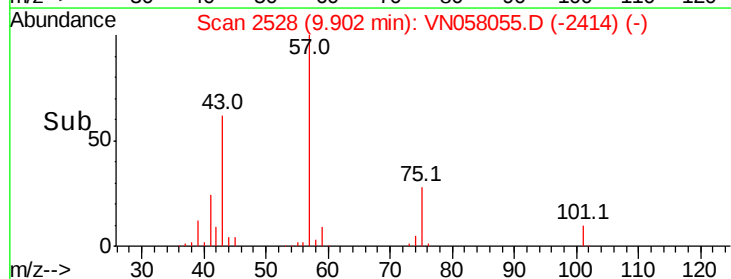
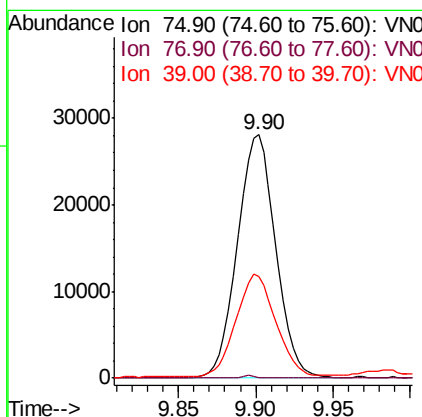
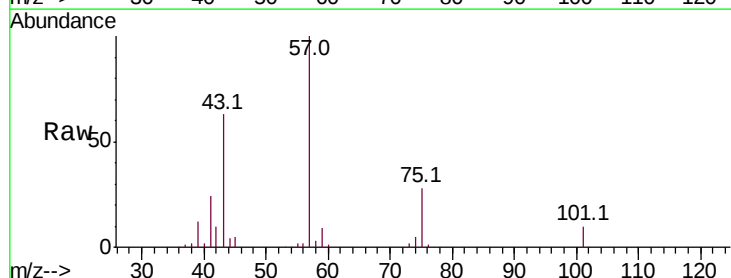
Instrument :
MSVOA_N
ClientSampled :

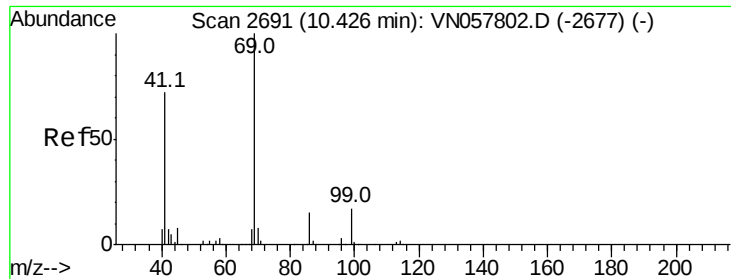
Tot Ion: 43 Resp: 8172
Ion Ratio Lower Upper
43 100
58 37.5 29.8 44.6



#54
cis-1,3-Dichloropropene
Concen: 5.794 ug/l
RT: 9.90 min Scan# 2528
Delta R.T. 0.07 min
Lab File: VN058055.D
Acq: 14 Sep 2019 6:44

Tgt Ion: 75 Resp: 48407
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#
39 41.3 46.2 69.4#





#56

Ethyl methacrylate

Concen: 0.257 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.12 min

Lab File: VN058055.D

Acq: 14 Sep 2019 6:44

Instrument :

MSVOA_N

ClientSampled :

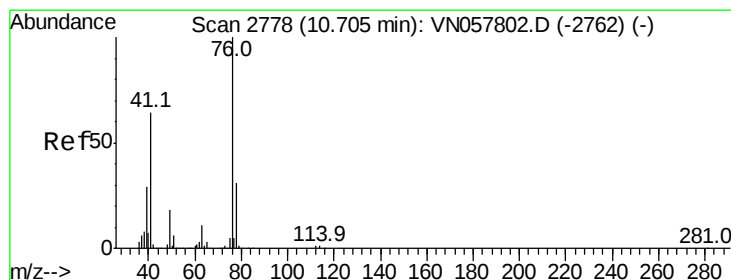
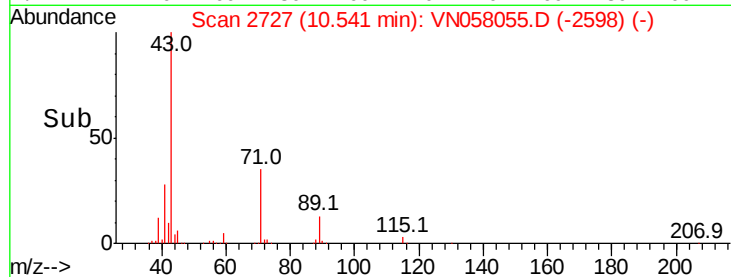
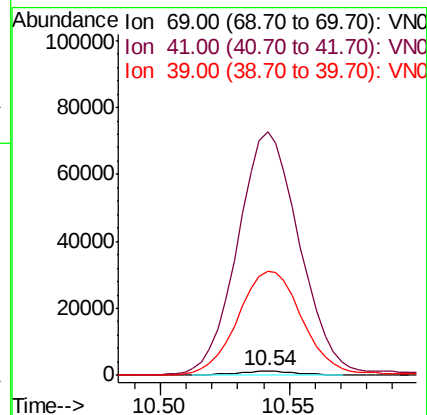
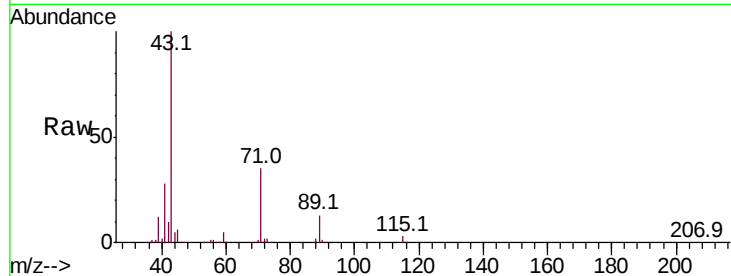
Tot Ion: 69 Resp: 2109

Ion Ratio Lower Upper

69 100

41 5853.8 56.7 85.1#

39 2617.5 36.3 54.5#



#57

1,3-Dichloropropane

Concen: 0.788 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN058055.D

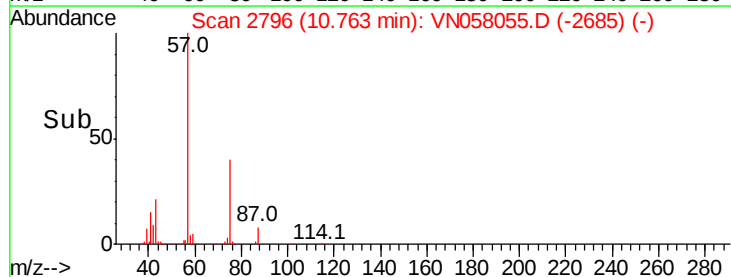
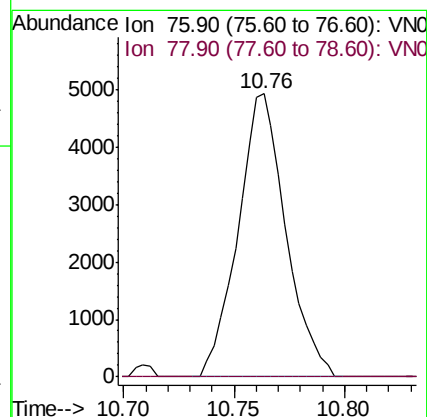
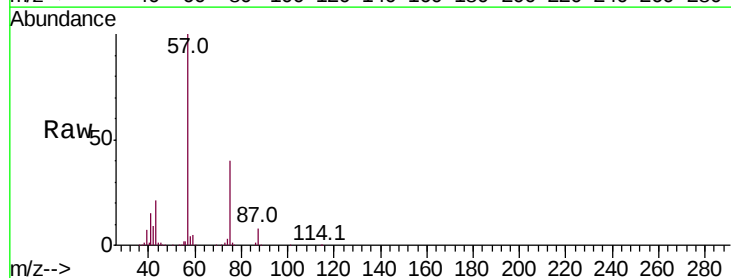
Acq: 14 Sep 2019 6:44

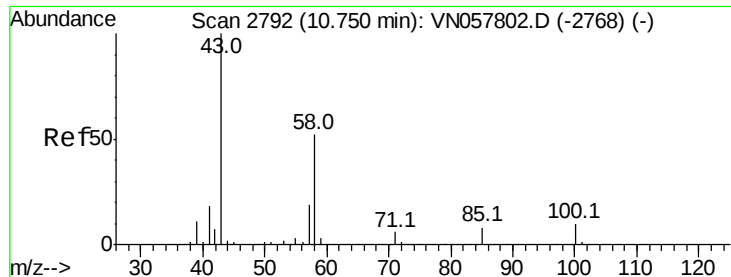
Tgt Ion: 76 Resp: 7415

Ion Ratio Lower Upper

76 100

78 0.0 25.4 38.2#

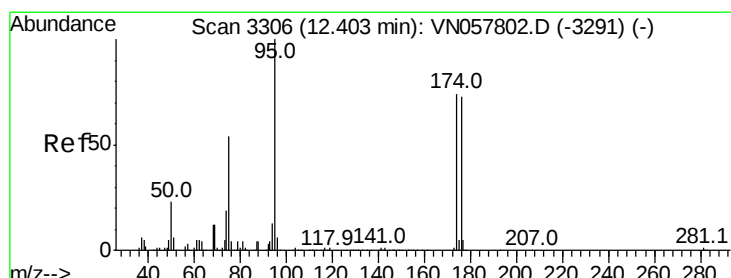
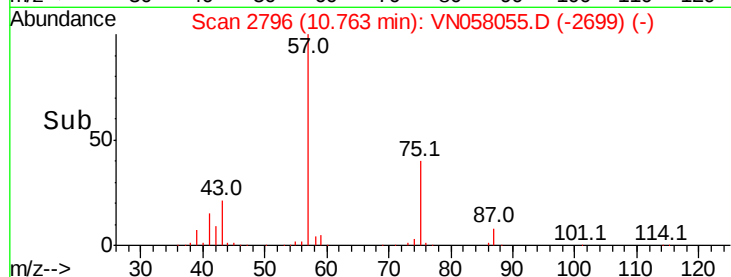
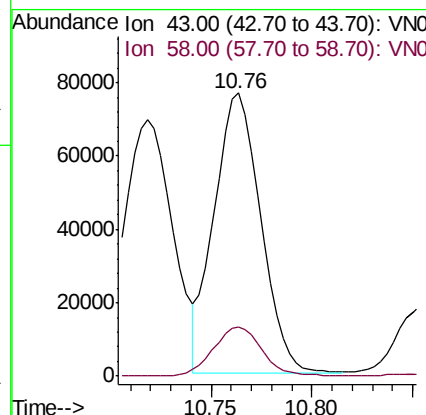
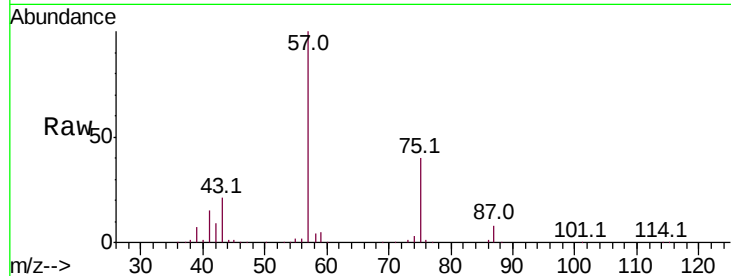




#59
2-Hexanone
Concen: 23.495 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN058055.D
Acq: 14 Sep 2019 6:44

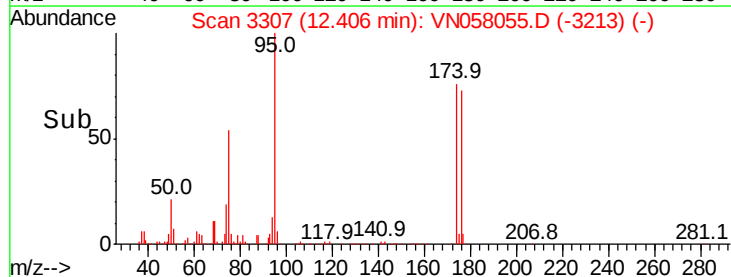
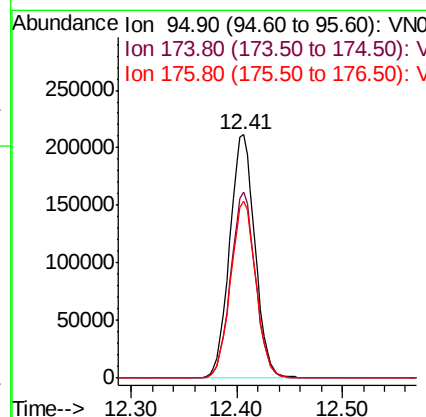
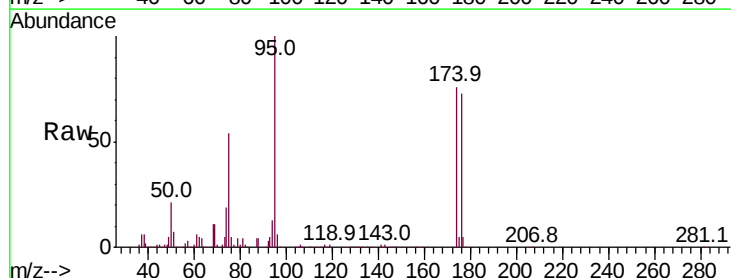
Instrument :
MSVOA_N
ClientSampled :

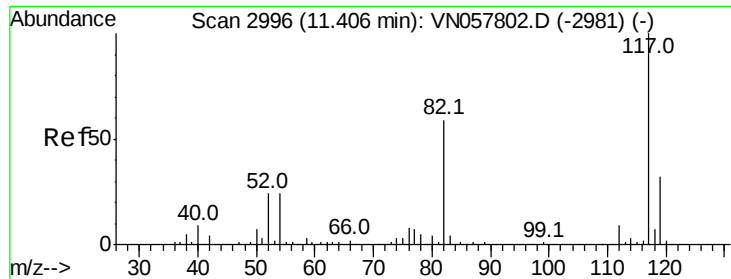
Tot Ion: 43 Resp: 123085
Ion Ratio Lower Upper
43 100
58 18.3 25.6 76.8#



#62
4-Bromofluorobenzene
Concen: 43.756 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058055.D
Acq: 14 Sep 2019 6:44

Tgt Ion: 95 Resp: 350240
Ion Ratio Lower Upper
95 100
174 74.7 0.0 150.2
176 72.4 0.0 146.0

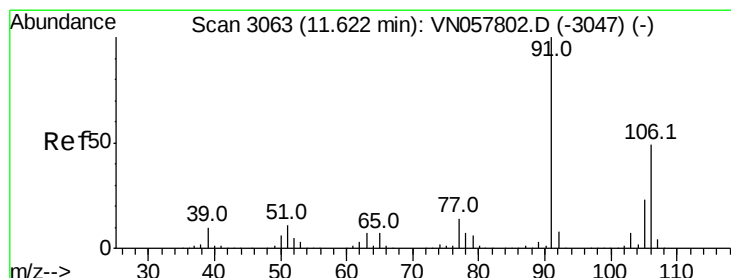
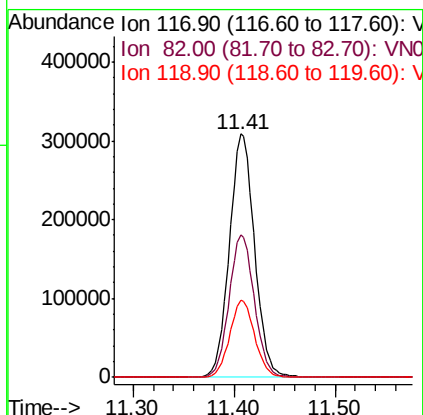
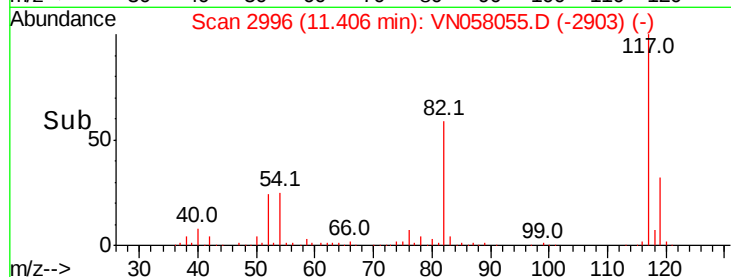
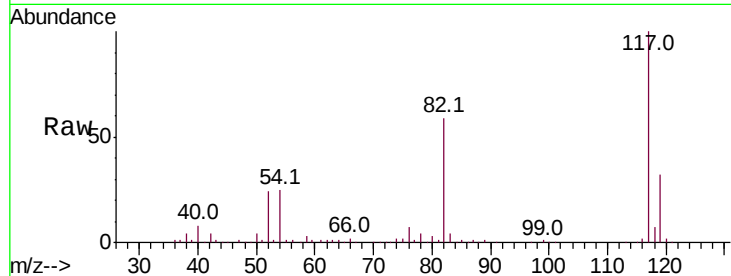




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058055.D
Acq: 14 Sep 2019 6:44

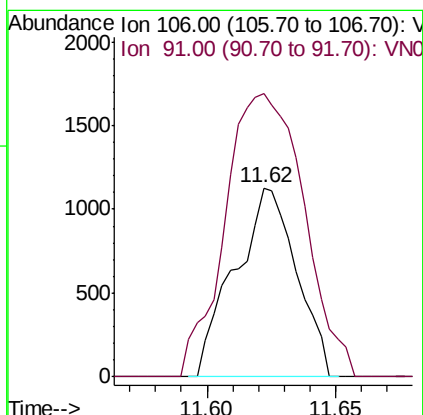
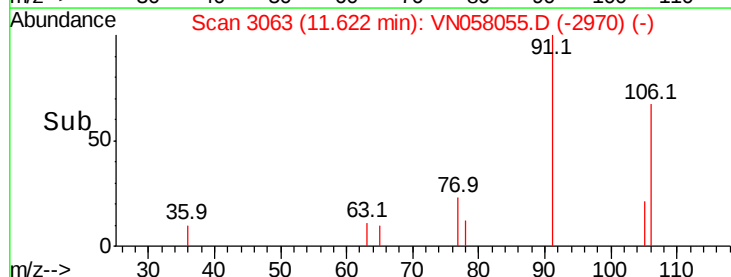
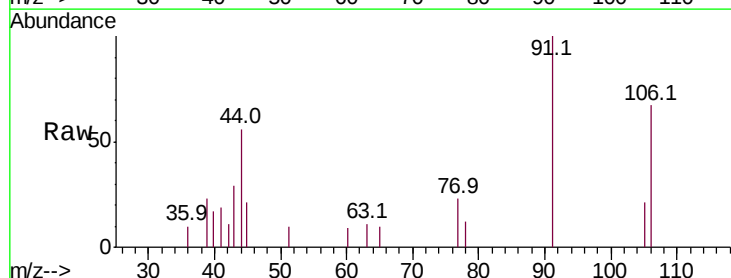
Instrument :
MSVOA_N
ClientSampled :

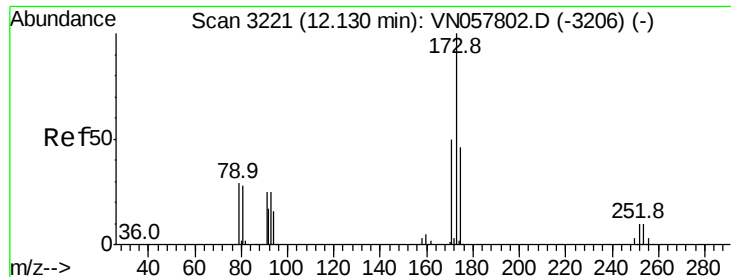
Tot Ion:117 Resp: 537576
Ion Ratio Lower Upper
117 100
82 58.6 47.2 70.8
119 31.5 25.3 37.9



#68
m/p-Xylenes
Concen: 0.208 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN058055.D
Acq: 14 Sep 2019 6:44

Tgt Ion:106 Resp: 1880
Ion Ratio Lower Upper
106 100
91 191.6 165.8 248.6





#71

Bromoform

Concen: 0.443 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.27 min

Lab File: VN058055.D

Acq: 14 Sep 2019 6:44

Instrument :

MSVOA_N

ClientSampled :

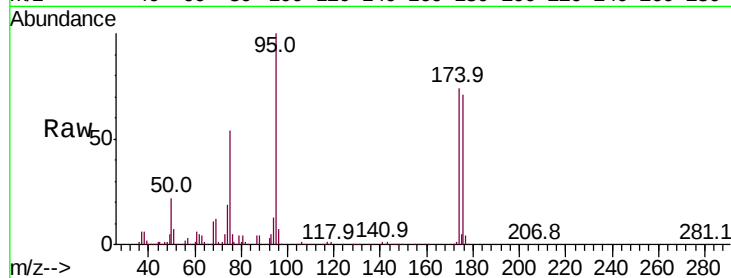
Tot Ion:173 Resp: 1349

Ion Ratio Lower Upper

173 100

175 1227.7 23.5 70.6#

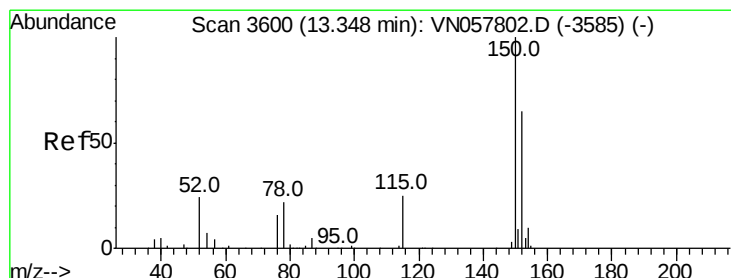
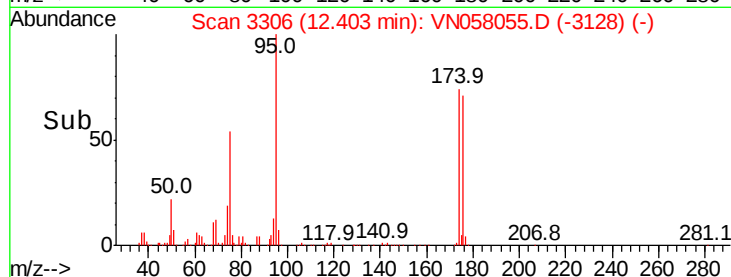
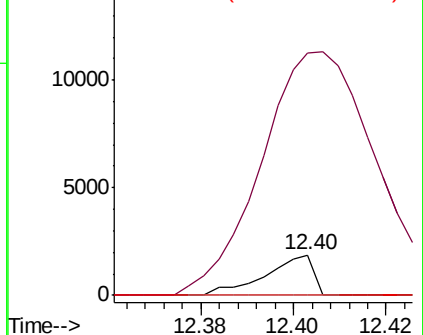
254 0.0 0.1 0.1#



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# 3600

Delta R.T. 0.00 min

Lab File: VN058055.D

Acq: 14 Sep 2019 6:44

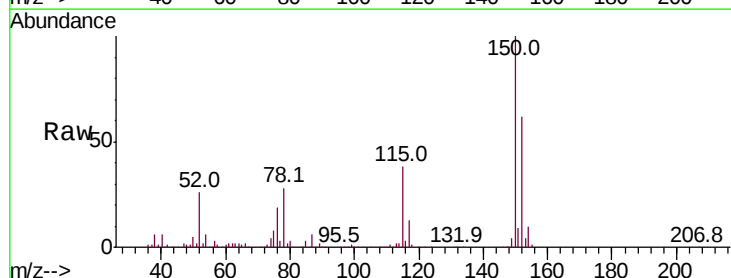
Tgt Ion:152 Resp: 279584

Ion Ratio Lower Upper

152 100

115 61.3 30.3 91.0

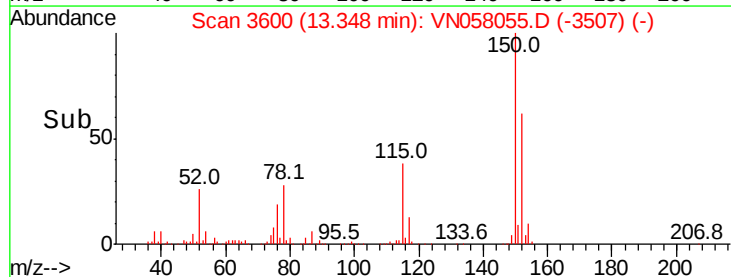
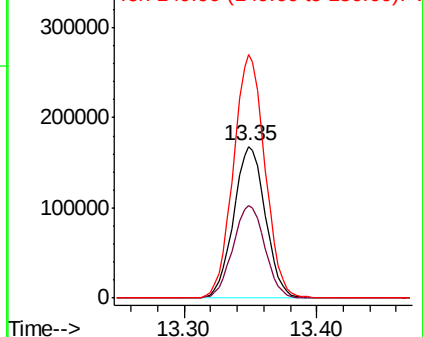
150 159.4 0.0 352.4

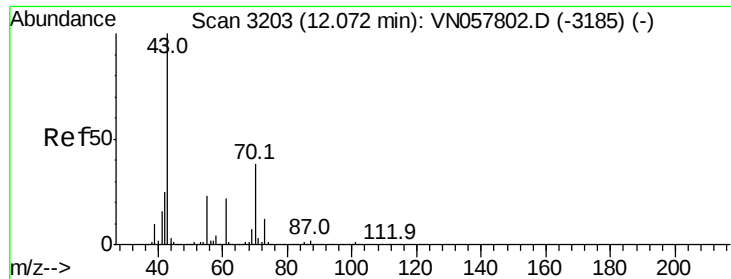


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amyl acetate

Concen: 0.729 ug/l

RT: 12.04 min Scan# 3192

Delta R.T. -0.04 min

Lab File: VN058055.D

Acq: 14 Sep 2019 6:44

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 6886

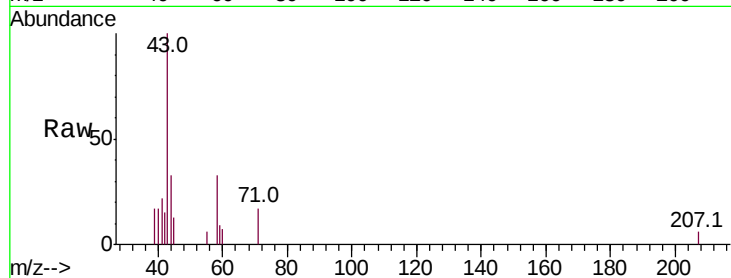
Ion Ratio Lower Upper

43 100

70 0.0 30.6 45.8#

55 5.3 18.6 27.8#

61 0.0 17.4 26.2#

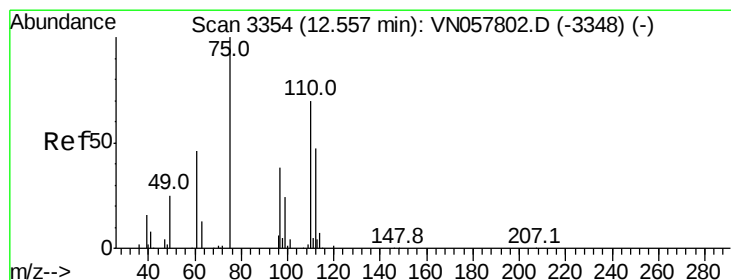
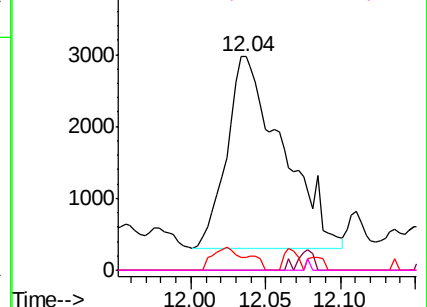
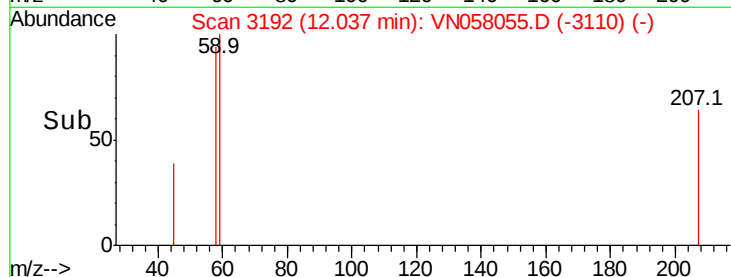


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 30.364 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058055.D

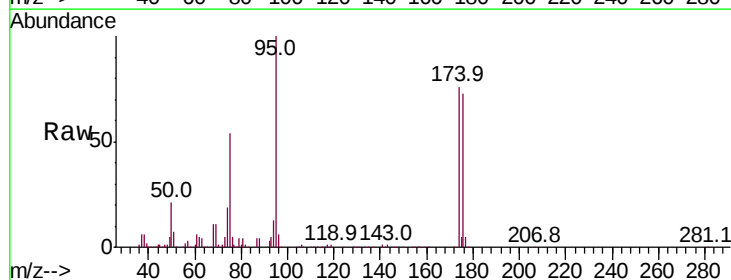
Acq: 14 Sep 2019 6:44

Tgt Ion: 75 Resp: 192041

Ion Ratio Lower Upper

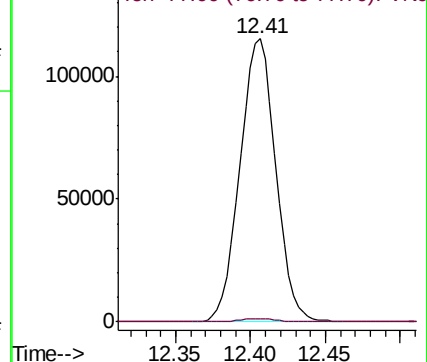
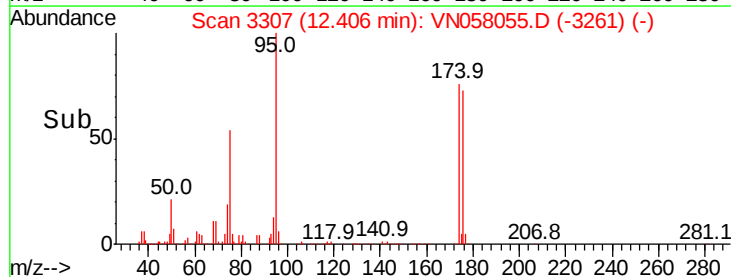
75 100

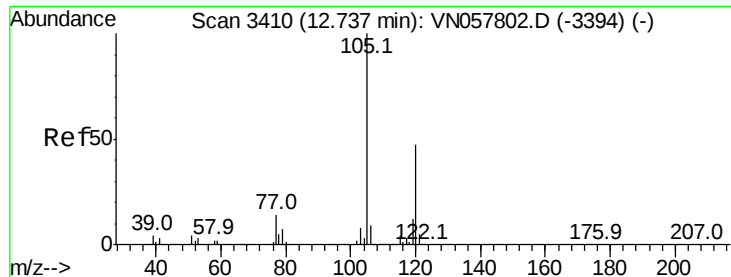
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#80

1,3,5-Trimethylbenzene

Concen: 0.343 ug/l

RT: 12.74 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN058055.D

Acq: 14 Sep 2019 6:44

Instrument :

MSVOA_N

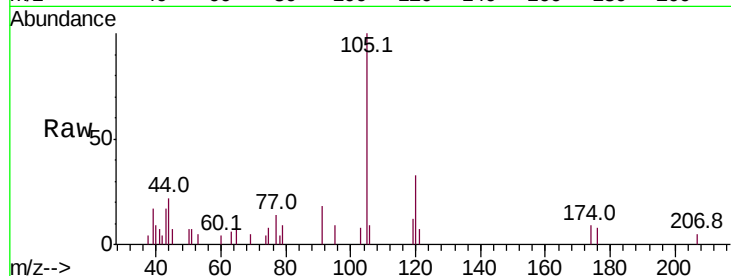
ClientSampleId :

Tot Ion:105 Resp: 6293

Ion Ratio Lower Upper

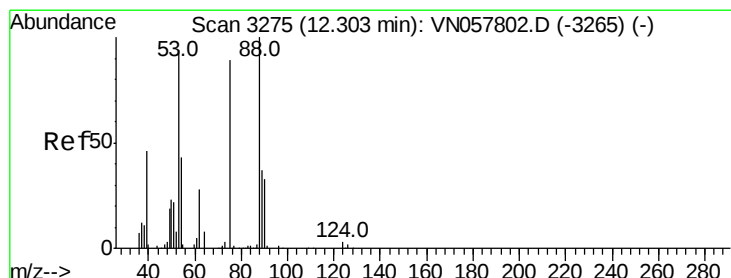
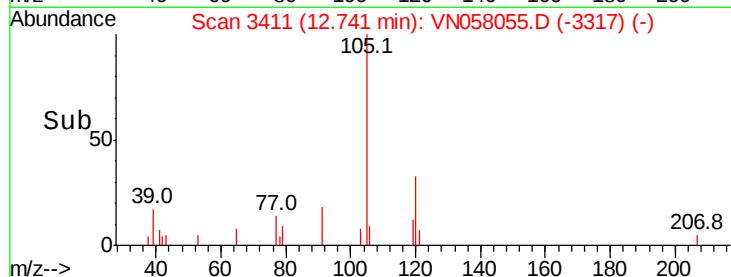
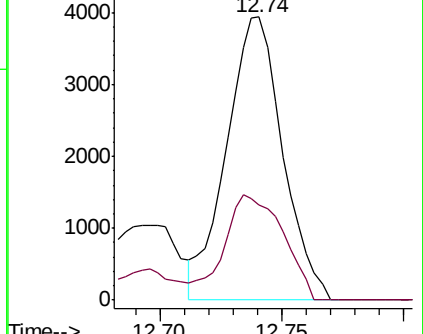
105 100

120 39.3 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 106.851 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058055.D

Acq: 14 Sep 2019 6:44

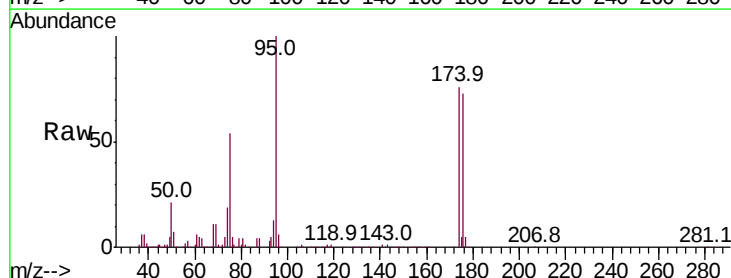
Tgt Ion: 75 Resp: 192041

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

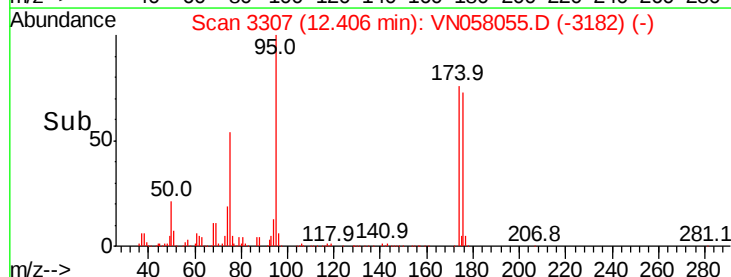
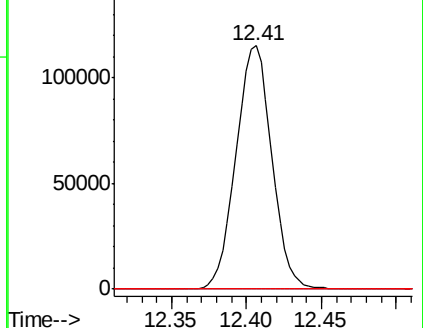
89 0.0 35.3 52.9#

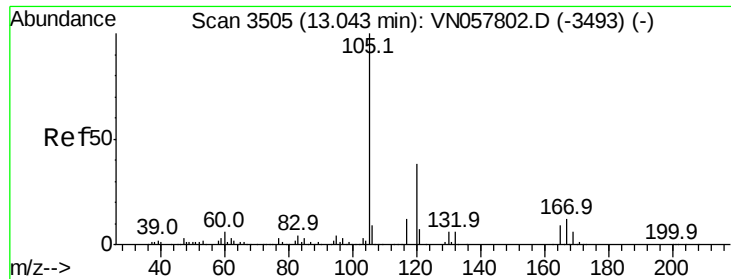


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#84

1,2,4-Trimethylbenzene

Concen: 0.261 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN058055.D

Acq: 14 Sep 2019 6:44

Instrument :

MSVOA_N

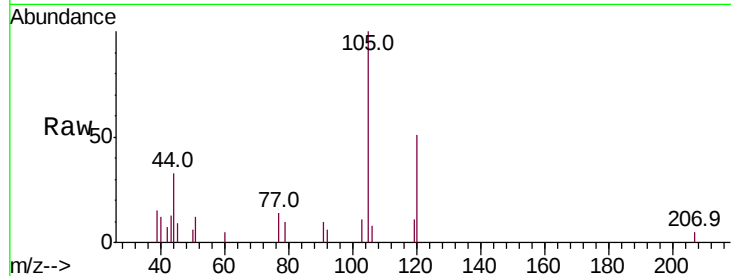
ClientSampled :

Tot Ion:105 Resp: 4866

Ion Ratio Lower Upper

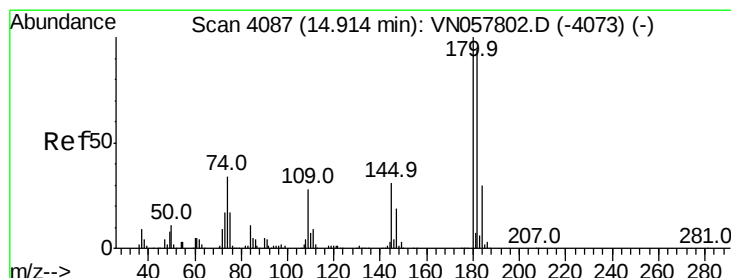
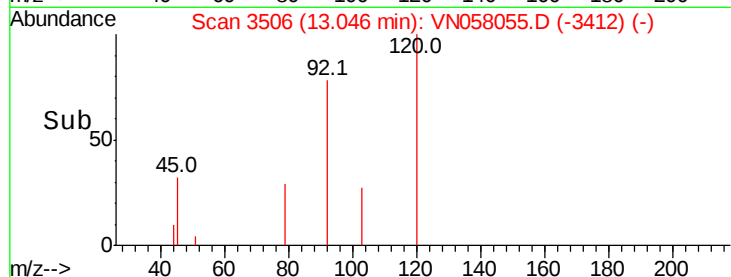
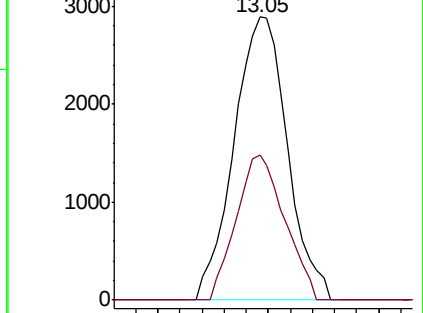
105 100

120 46.4 22.4 67.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#93

1,2,4-Trichlorobenzene

Concen: 0.291 ug/l

RT: 14.92 min Scan# 4089

Delta R.T. 0.01 min

Lab File: VN058055.D

Acq: 14 Sep 2019 6:44

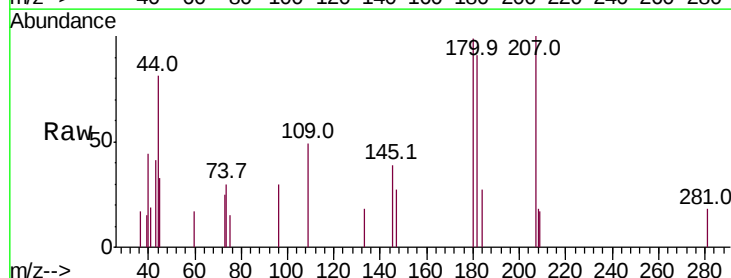
Tgt Ion:180 Resp: 1884

Ion Ratio Lower Upper

180 100

182 87.0 46.9 140.8

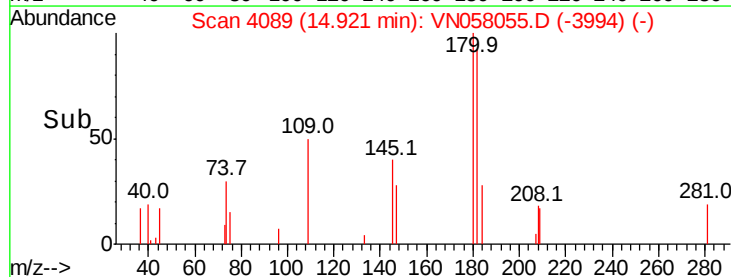
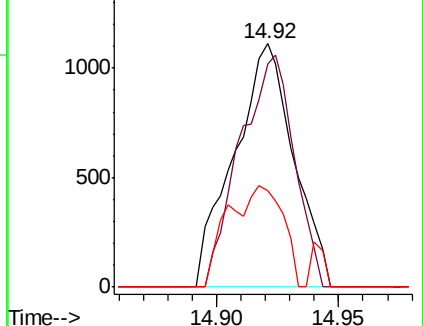
145 38.7 14.9 44.7

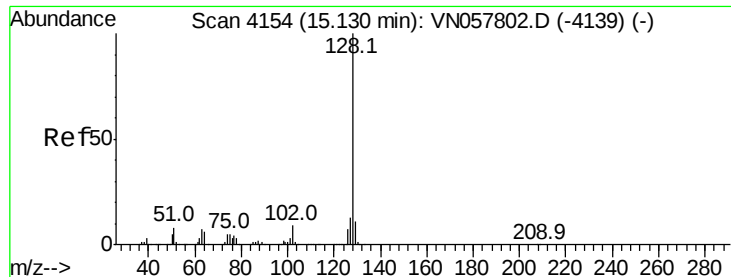


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 1.395 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058055.D

Acq: 14 Sep 2019 6:44

Instrument :

MSVOA_N

ClientSampleId :

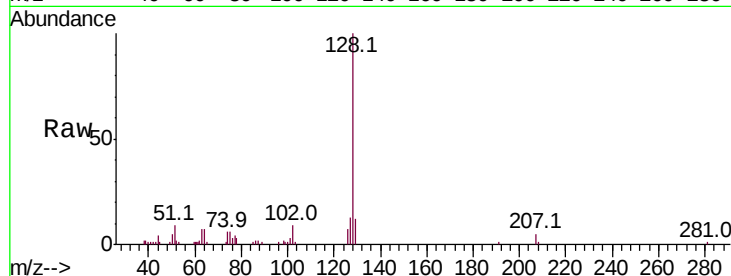
Tot Ion:128 Resp: 47827

Ion Ratio Lower Upper

128 100

127 13.7 10.3 15.5

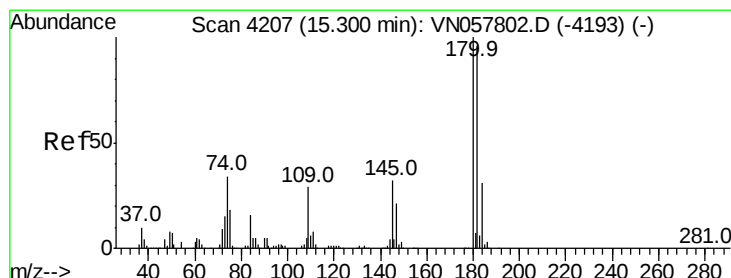
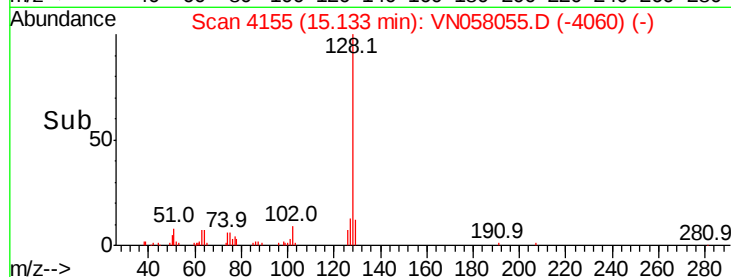
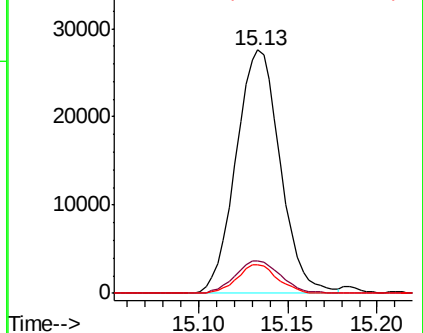
129 10.8 8.6 12.8



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: 1.364 ug/l

RT: 15.30 min Scan# 4208

Delta R.T. 0.00 min

Lab File: VN058055.D

Acq: 14 Sep 2019 6:44

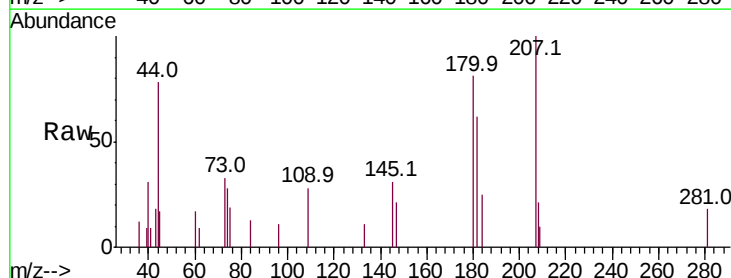
Tgt Ion:180 Resp: 2115

Ion Ratio Lower Upper

180 100

182 82.2 48.3 144.8

145 20.1 16.3 48.8



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

