

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091120\
 Data File : VN063326.D
 Acq On : 11 Sep 2020 19:54
 Operator : JC/MD
 Sample : L3988-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ188I-20200909

Quant Time: Sep 12 00:44:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	371522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	704491	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	681965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	278123	50.00	ug/l	0.00

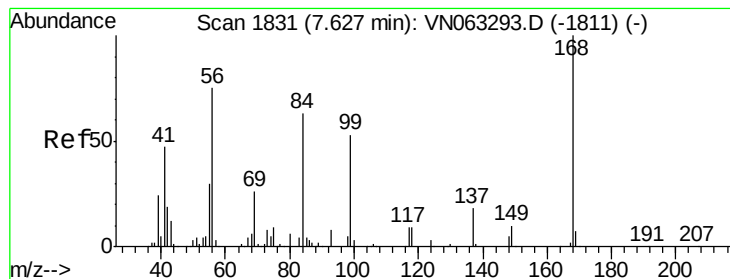
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	290545	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
35) Dibromofluoromethane	7.55	113	223615	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
50) Toluene-d8	10.06	98	905205	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
62) 4-Bromofluorobenzene	12.38	95	332728	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	

Target Compounds

					Qvalue	
3) Chloromethane	2.04	50	2332	Below Cal	#	77
5) Bromomethane	2.55	94	935	0.265	ug/l #	66
6) Chloroethane	2.68	64	1360	0.412	ug/l #	86
11) Tert butyl alcohol	4.71	59	213	0.276	ug/l #	51
12) 1,1-Dichloroethene	3.70	96	4349	1.068	ug/l	95
13) Acrolein	3.57	56	178	32.826	ug/l #	35
16) Acetone	3.79	43	3185	1.580	ug/l	95
17) Carbon Disulfide	4.01	76	663	Below Cal	#	75
20) Methylene Chloride	4.51	84	293	Below Cal	#	79
24) 1,1-Dichloroethane	5.80	63	81622	9.164	ug/l	100
25) 2-Butanone	6.77	43	828	0.278	ug/l #	51
29) Tetrahydrofuran	7.17	42	482	0.249	ug/l #	37
31) Cyclohexane	7.63	56	10290	1.257	ug/l #	15
32) 1,1,1-Trichloroethane	7.53	97	2607	0.335	ug/l #	49
36) 1,1-Dichloropropene	7.62	75	34096	4.708	ug/l #	50
38) Carbon Tetrachloride	7.62	117	40842	5.731	ug/l #	17
49) 1,4-Dioxane	9.17	88	65	0.729	ug/l #	1
55) 1,1,2-Trichloroethane	10.40	97	5427	1.097	ug/l #	22
56) Ethyl methacrylate	10.41	69	1980	0.263	ug/l #	13
76) 1,2,3-Trichloropropane	12.38	75	183231	29.863	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	183231	80.235	ug/l #	9
83) tert-Butylbenzene	12.97	119	3663	0.232	ug/l	94
84) 1,2,4-Trimethylbenzene	13.15	105	15778	0.840	ug/l #	32
85) sec-Butylbenzene	13.15	105	15778	0.785	ug/l	80
88) 1,4-Dichlorobenzene	13.27	146	989	Below Cal		85
91) 1,2-Dichlorobenzene	13.63	146	3326	0.357	ug/l	92
93) 1,2,4-Trichlorobenzene	14.89	180	3177	0.583	ug/l #	52
95) Naphthalene	15.10	128	1101	Below Cal	#	87
96) 1,2,3-Trichlorobenzene	15.30	180	726	Below Cal	#	77

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN063326.D

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ClientSampleId :

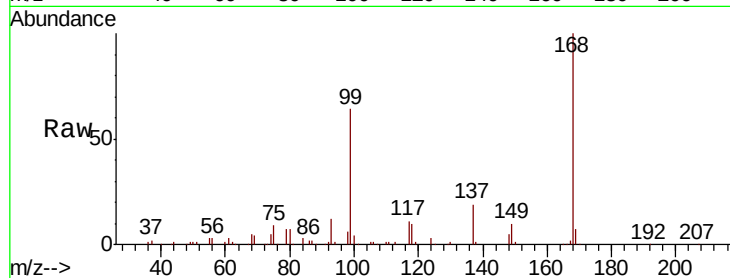
SA-PZ188I-20200909

Tot Ion:168 Resp: 371522

Ion Ratio Lower Upper

168 100

99 63.9 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

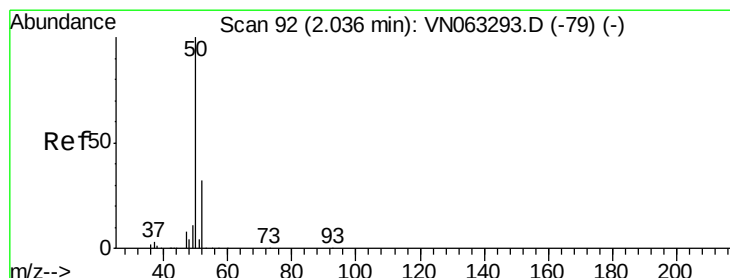
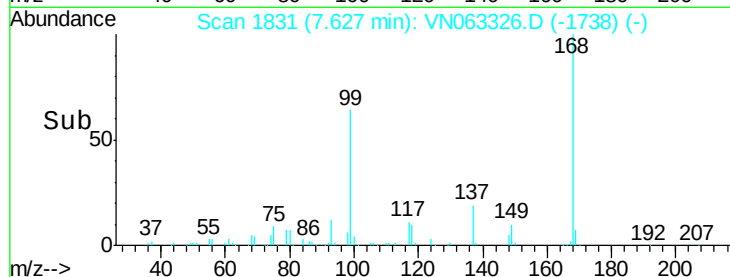
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: Below Cal

RT: 2.04 min Scan# 94

Delta R.T. 0.01 min

Lab File: VN063326.D

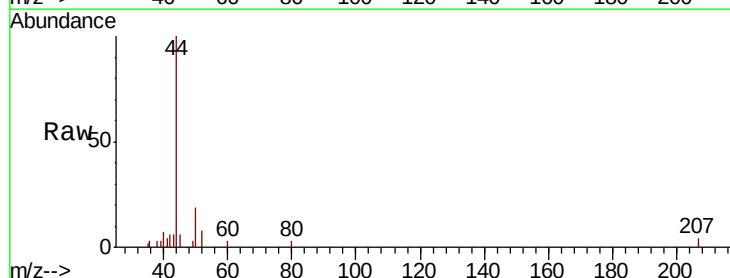
Acq: 11 Sep 2020 19:54

Tgt Ion: 50 Resp: 2332

Ion Ratio Lower Upper

50 100

52 44.3 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

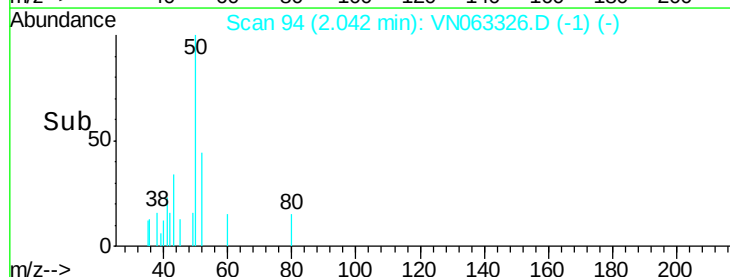
1500

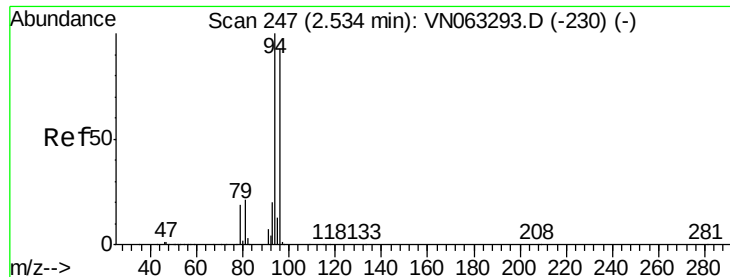
1000

500

0

Time--> 2.00 2.05





#5

Bromomethane

Concen: 0.265 ug/l

RT: 2.55 min Scan# 251

Delta R.T. 0.01 min

Lab File: VN063326.D

Acq: 11 Sep 2020 19:54

Instrument :

MSVOA_N

ClientSampleId :

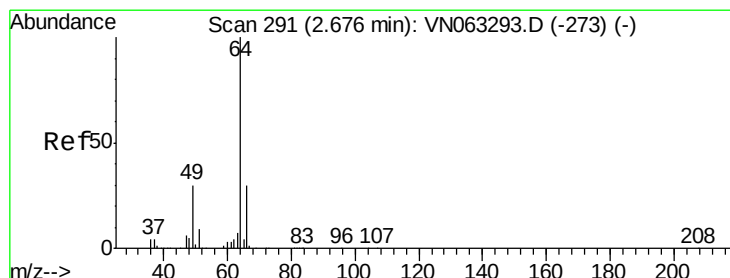
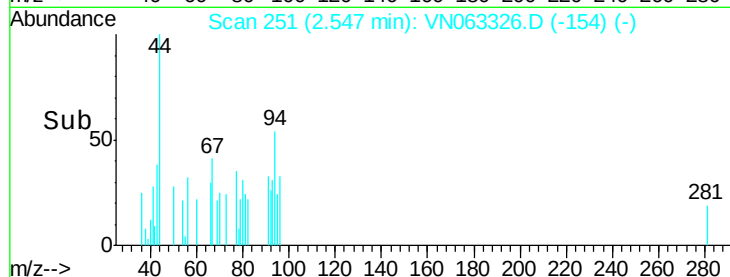
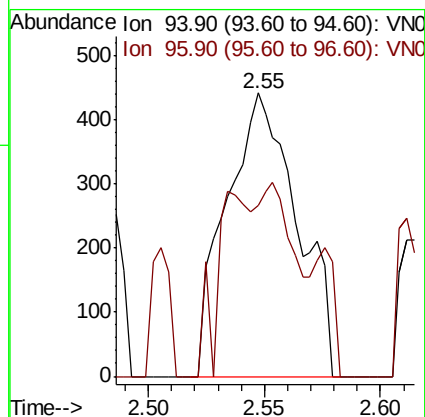
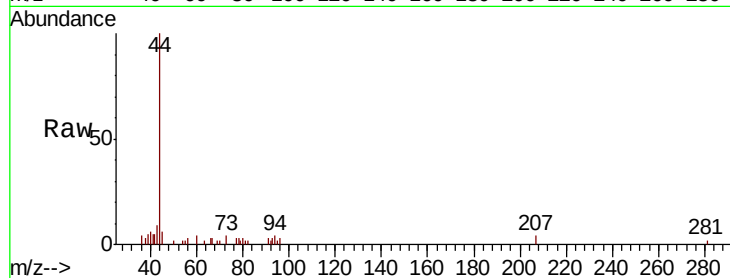
SA-PZ188I-20200909

Tot Ion: 94 Resp: 935

Ion Ratio Lower Upper

94 100

96 60.5 74.3 111.5#



#6

Chloroethane

Concen: 0.412 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN063326.D

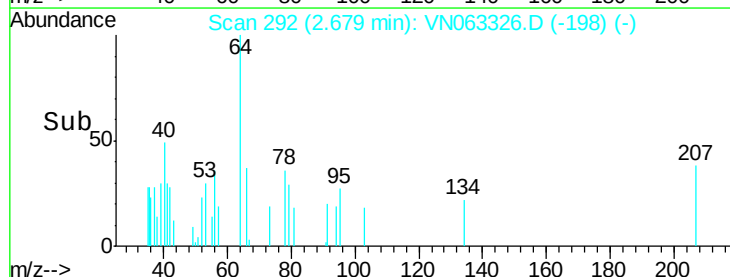
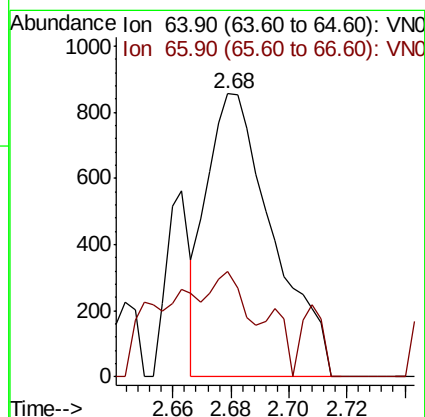
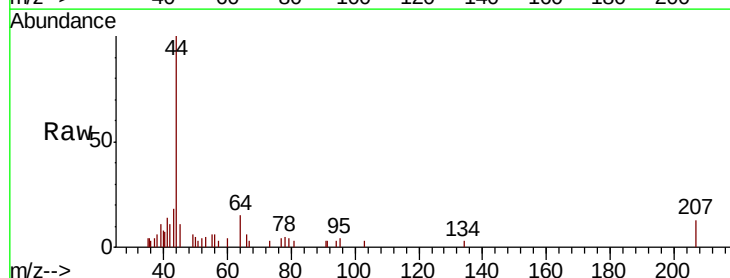
Acq: 11 Sep 2020 19:54

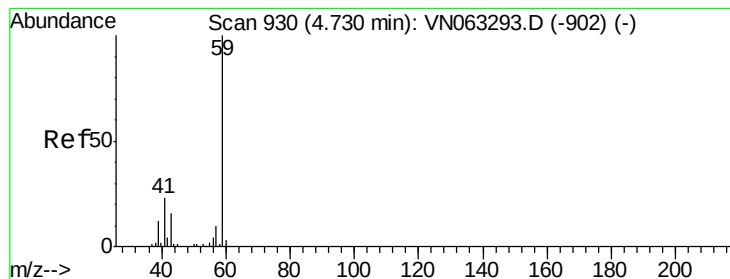
Tgt Ion: 64 Resp: 1360

Ion Ratio Lower Upper

64 100

66 37.1 23.8 35.6#





#11

Tert butyl alcohol

Concen: 0.276 ug/l

RT: 4.71 min Scan# 924

Delta R.T. -0.02 min

Lab File: VN063326.D

Acq: 11 Sep 2020 19:54

Instrument :

MSVOA_N

ClientSampleId :

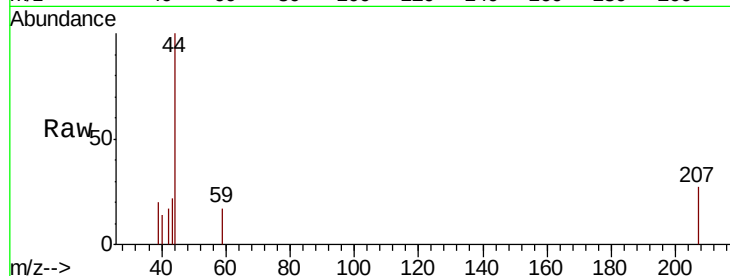
SA-PZ188I-20200909

Tot Ion: 59 Resp: 213

Ion Ratio Lower Upper

59 100

57 28.6 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

250

200

150

100

50

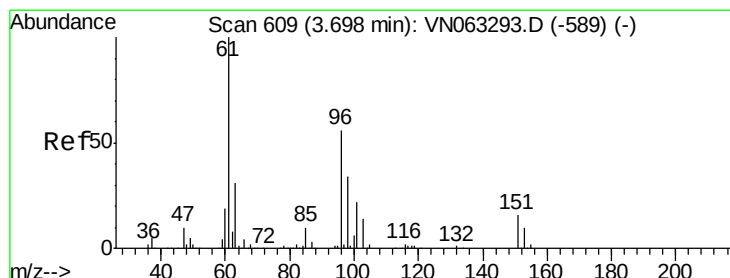
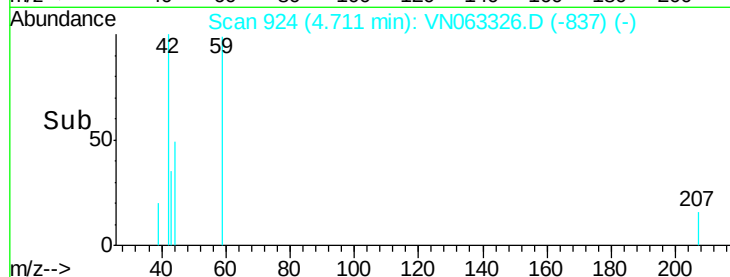
0

4.70

4.71

4.72

Time-->



#12

1,1-Dichloroethene

Concen: 1.068 ug/l

RT: 3.70 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN063326.D

Acq: 11 Sep 2020 19:54

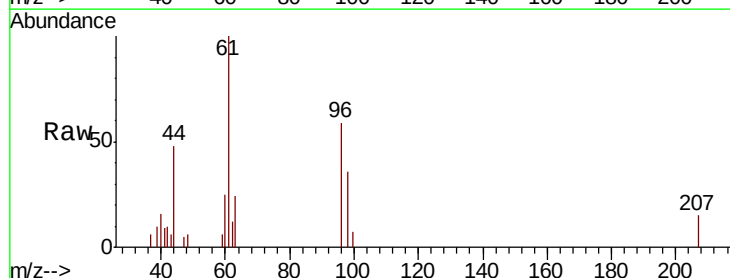
Tgt Ion: 96 Resp: 4349

Ion Ratio Lower Upper

96 100

61 169.0 142.1 213.1

98 60.5 48.8 73.2



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

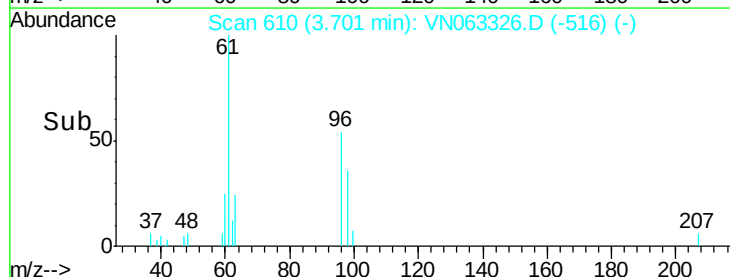
0

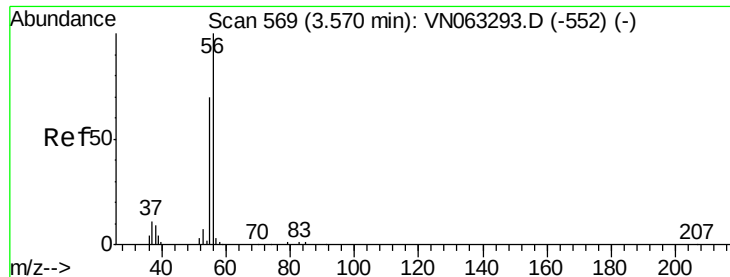
3.65

3.70

3.75

Time-->





#13

Acrolein

Concen: 32.826 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063326.D

Acq: 11 Sep 2020 19:54

Instrument :

MSVOA_N

ClientSampleId :

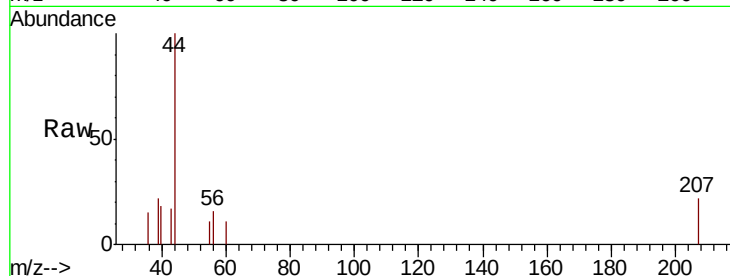
SA-PZ188I-20200909

Tot Ion: 56 Resp: 178

Ion Ratio Lower Upper

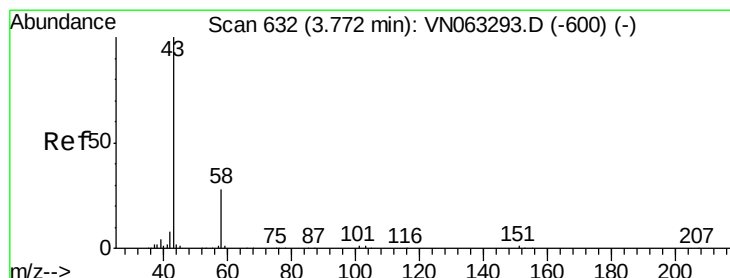
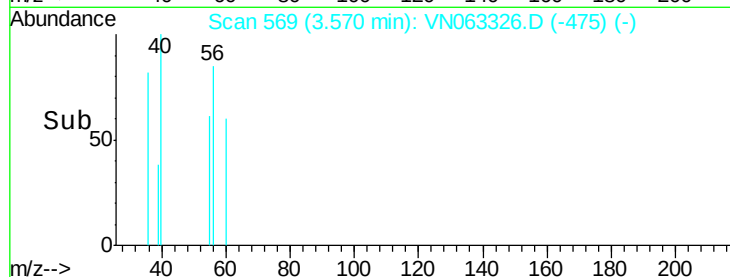
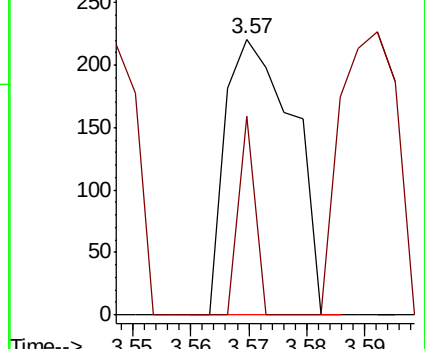
56 100

55 17.4 57.2 85.8#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 1.580 ug/l

RT: 3.79 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN063326.D

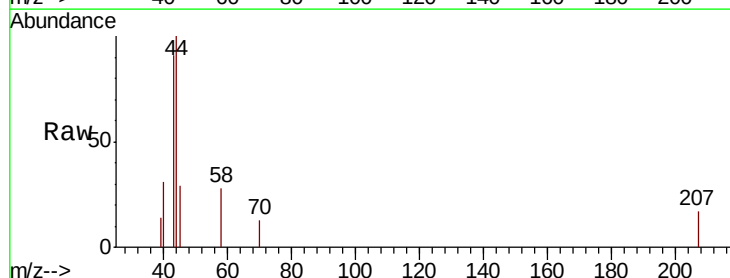
Acq: 11 Sep 2020 19:54

Tgt Ion: 43 Resp: 3185

Ion Ratio Lower Upper

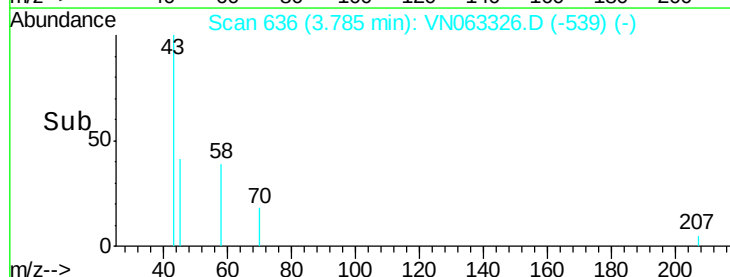
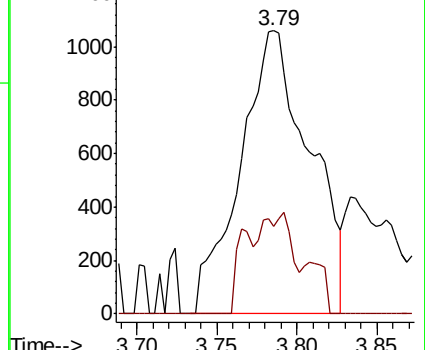
43 100

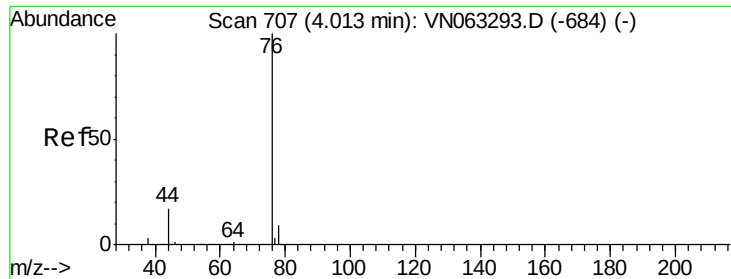
58 31.0 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: Below Cal

RT: 4.01 min Scan# 705

Delta R.T. -0.01 min

Lab File: VN063326.D

Acq: 11 Sep 2020 19:54

Instrument :

MSVOA_N

ClientSampleId :

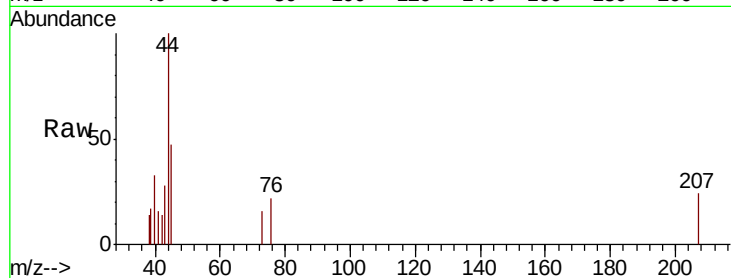
SA-PZ188I-20200909

Tot Ion: 76 Resp: 663

Ion Ratio Lower Upper

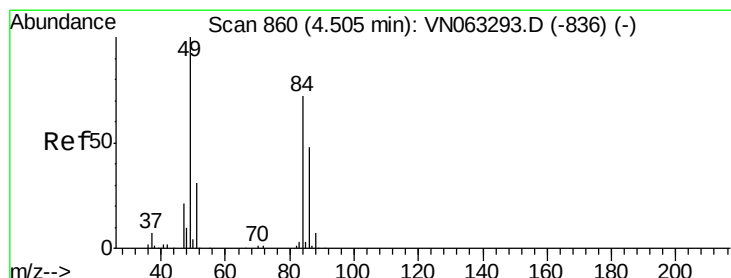
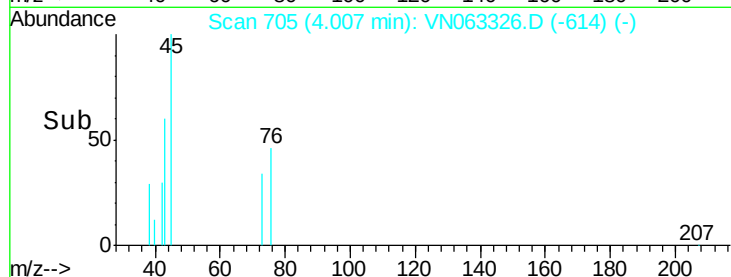
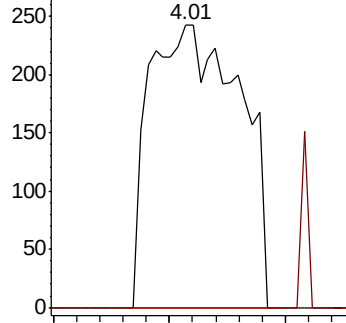
76 100

78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO



#20

Methylene Chloride

Concen: Below Cal

RT: 4.51 min Scan# 863

Delta R.T. 0.01 min

Lab File: VN063326.D

Acq: 11 Sep 2020 19:54

Tgt Ion: 84 Resp: 293

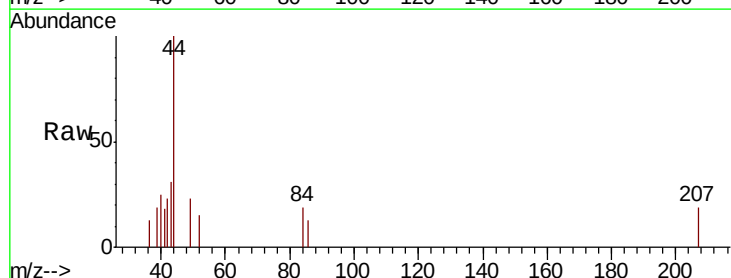
Ion Ratio Lower Upper

84 100

49 121.5 111.1 166.7

51 0.0 34.3 51.5#

86 71.3 52.9 79.3

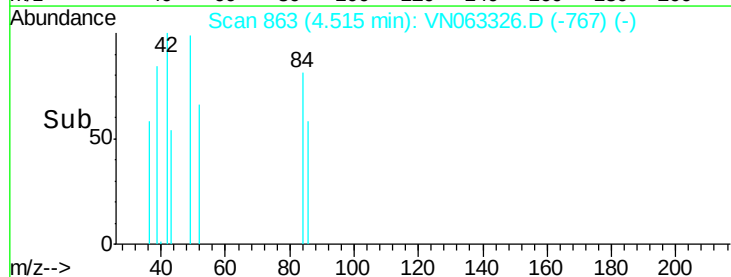
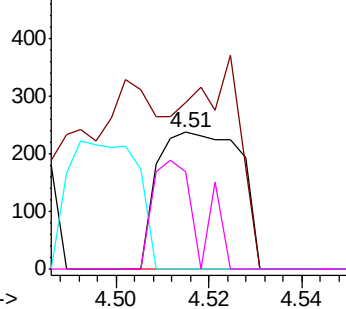


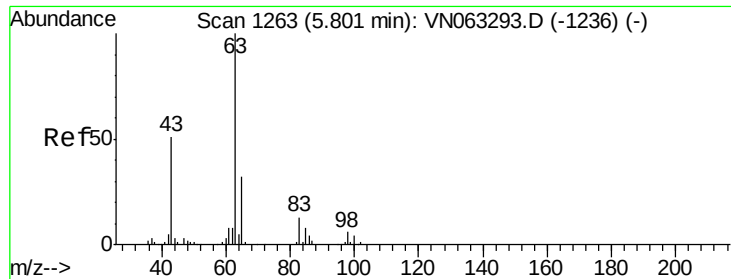
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

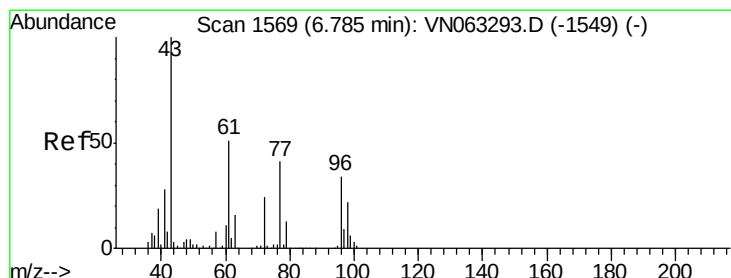
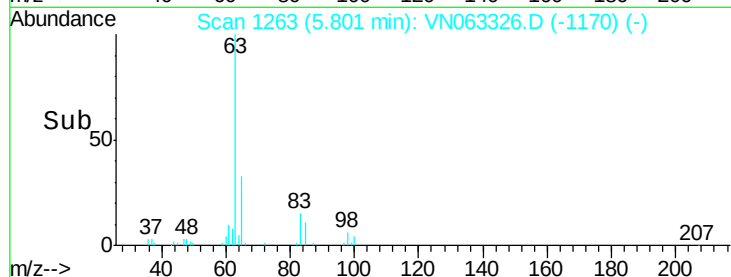
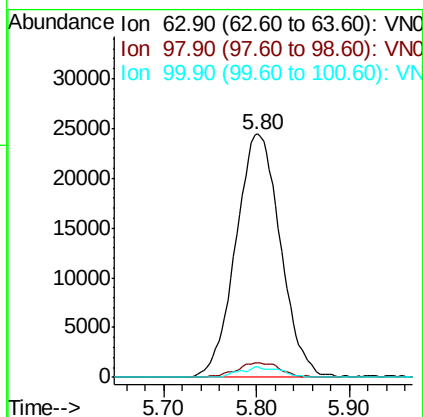
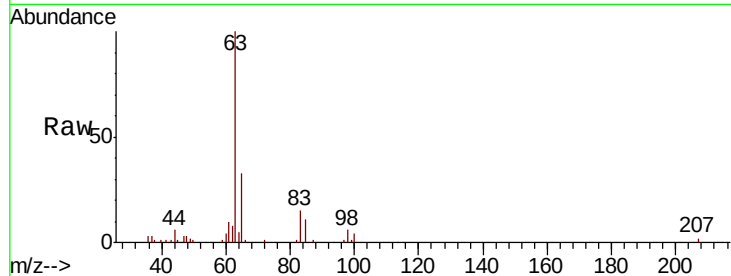




#24
 1,1-Dichloroethane
 Concen: 9.164 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: VN063326.D
 Acq: 11 Sep 2020 19:54

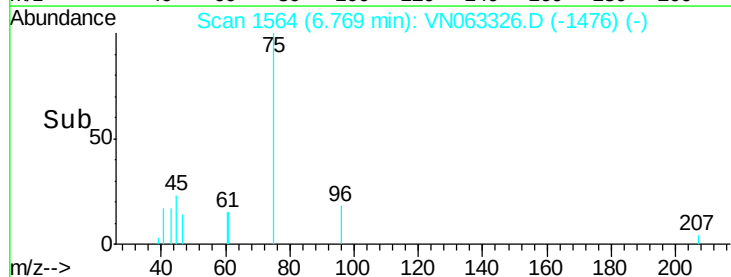
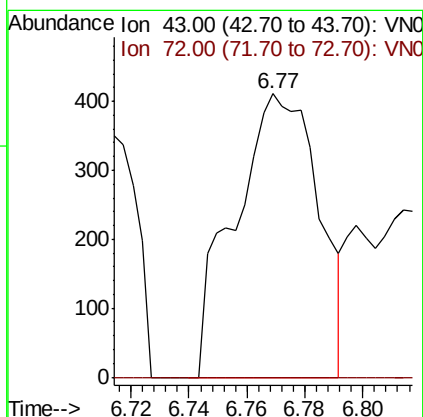
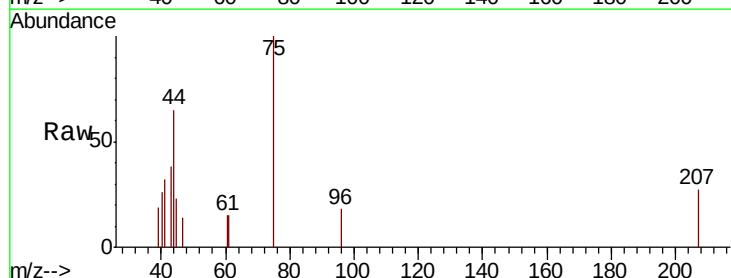
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 SA-PZ188I-20200909

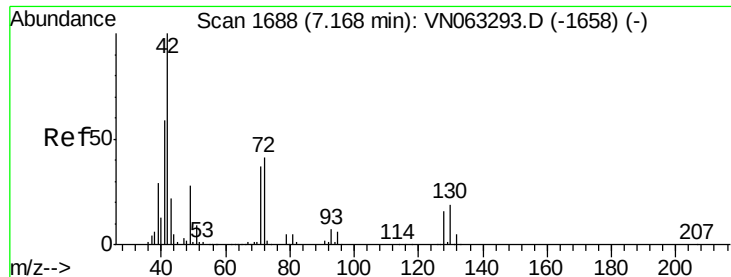
Tot Ion	63	Resp	81622
Ion	Ratio	Lower	Upper
63	100		
98	6.1	3.1	9.3
100	4.2	2.0	6.0



#25
 2-Butanone
 Concen: 0.278 ug/l
 RT: 6.77 min Scan# 1564
 Delta R.T. -0.02 min
 Lab File: VN063326.D
 Acq: 11 Sep 2020 19:54

Tgt Ion	43	Resp	828
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2





#29

Tetrahydrofuran

Concen: 0.249 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VN063326.D

Acq: 11 Sep 2020 19:54

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ188I-20200909

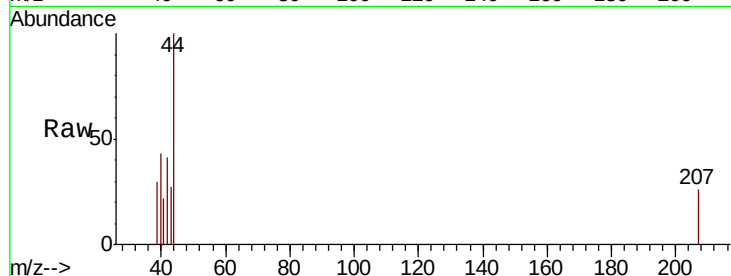
Tot Ion: 42 Resp: 482

Ion Ratio Lower Upper

42 100

72 0.0 31.4 47.2#

71 0.0 30.0 45.0#



Abundance Ion 42.00 (41.70 to 42.70): VN0

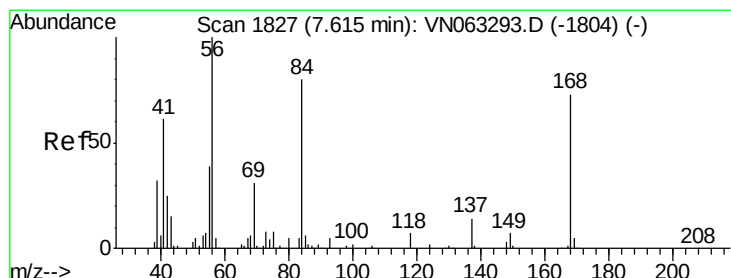
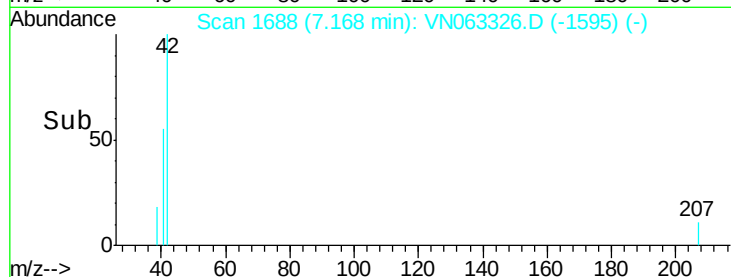
Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

7.17

7.14 7.16 7.18

Time-->



#31

Cyclohexane

Concen: 1.257 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN063326.D

Acq: 11 Sep 2020 19:54

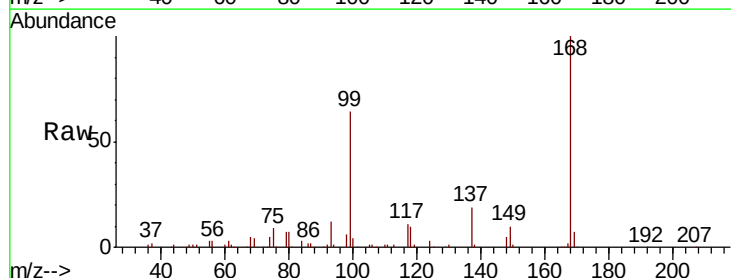
Tgt Ion: 56 Resp: 10290

Ion Ratio Lower Upper

56 100

69 159.6 25.1 37.7#

84 104.7 64.2 96.2#



Abundance Ion 56.00 (55.70 to 56.70): VN0

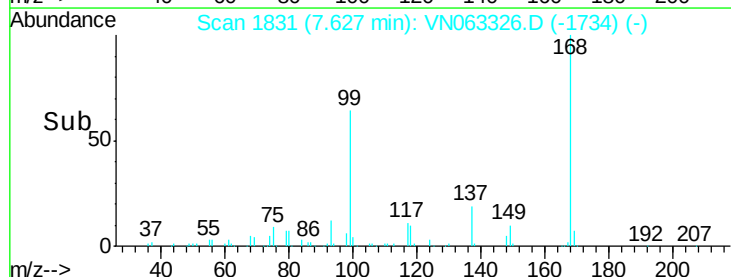
Ion 69.00 (68.70 to 69.70): VN0

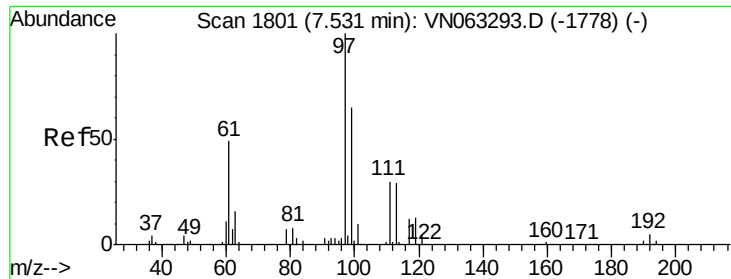
Ion 84.00 (83.70 to 84.70): VN0

7.63

7.55 7.60 7.65 7.70

Time-->





#32

1,1,1-Trichloroethane

Concen: 0.335 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN063326.D

Acq: 11 Sep 2020 19:54

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ188I-20200909

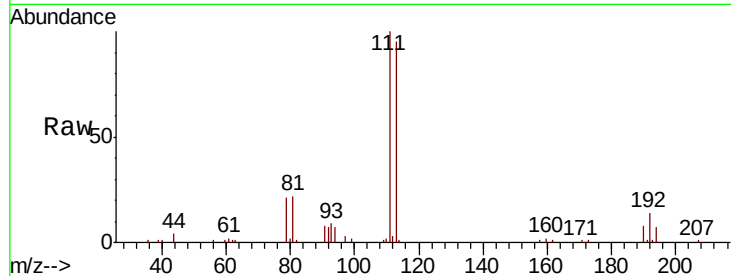
Tot Ion: 97 Resp: 2607

Ion Ratio Lower Upper

97 100

99 0.0 51.4 77.2#

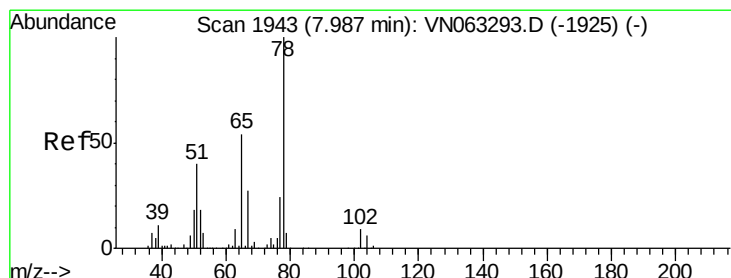
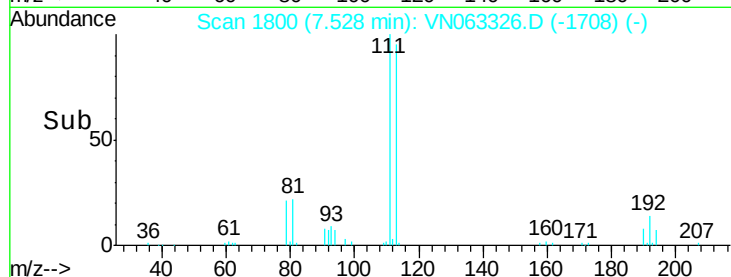
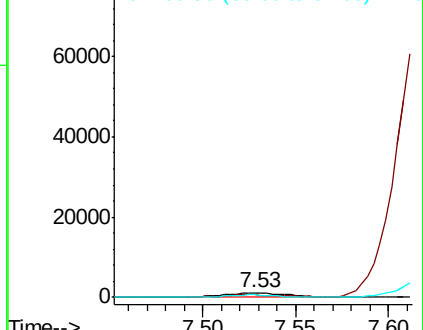
61 41.4 38.9 58.3



Abundance Ion 96.90 (96.60 to 97.60): VN063326.D (-1778) (-)

Ion 98.90 (98.60 to 99.60): VN063326.D (-1778) (-)

Ion 60.90 (60.60 to 61.60): VN063326.D (-1778) (-)



#33

1,2-Dichloroethane-d4

Concen: 49.775 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063326.D

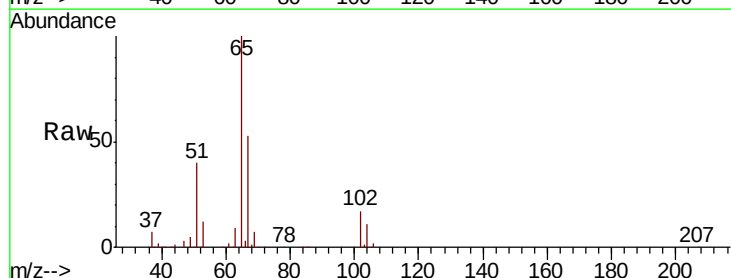
Acq: 11 Sep 2020 19:54

Tgt Ion: 65 Resp: 290545

Ion Ratio Lower Upper

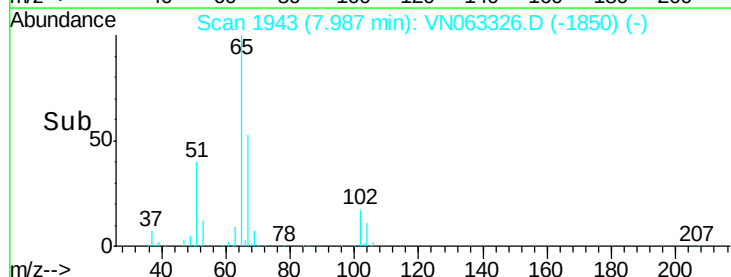
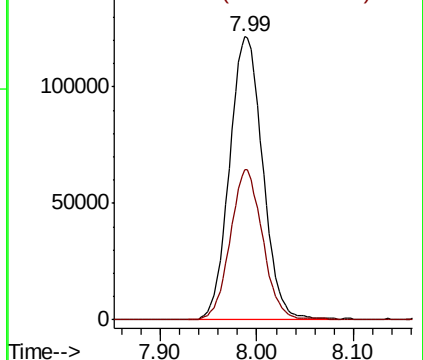
65 100

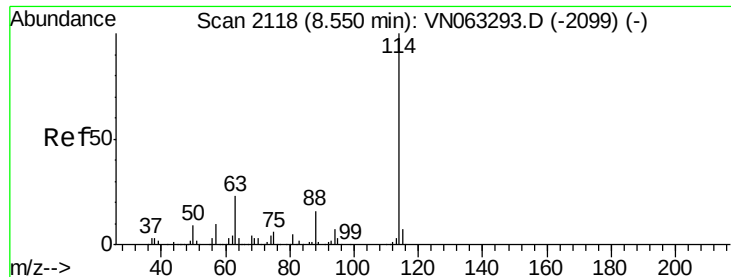
67 51.9 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN063326.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063326.D (-1850) (-)

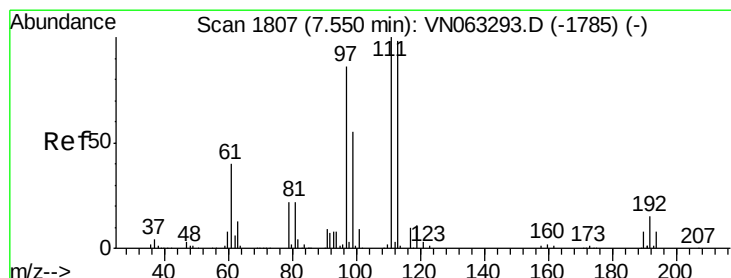
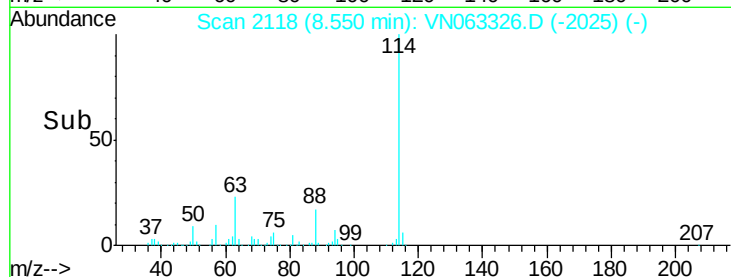
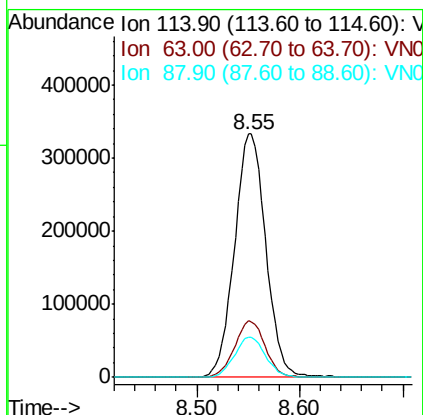
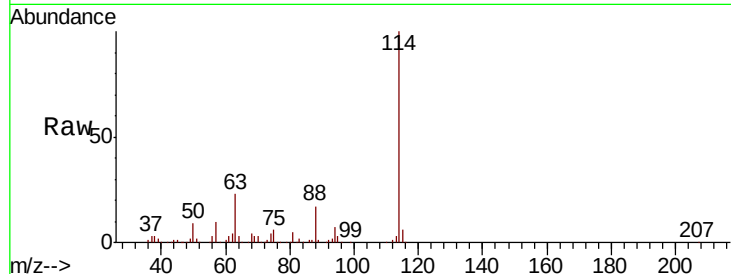




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063326.D
 Acq: 11 Sep 2020 19:54

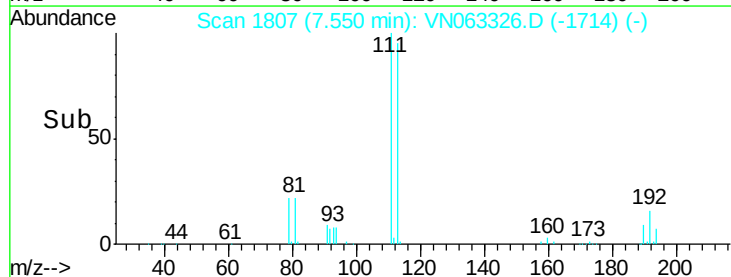
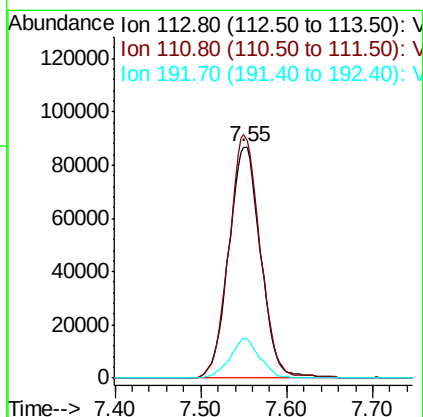
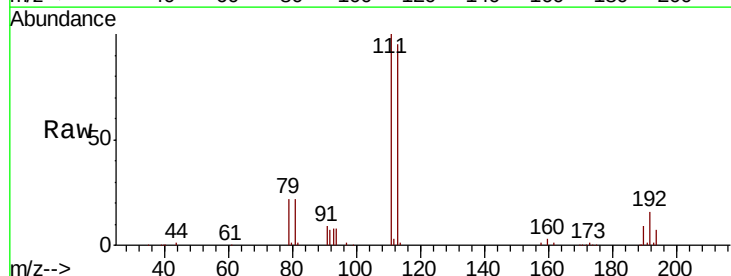
Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ188I-20200909

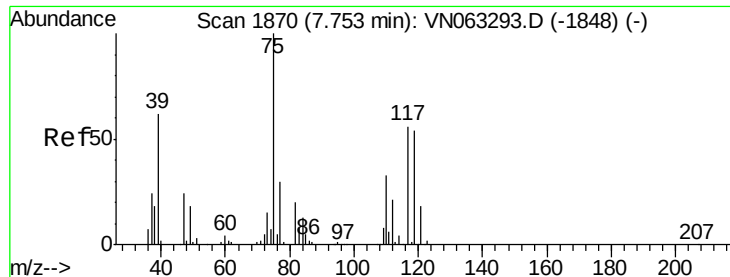
Tot Ion:114	Resp:	704491
Ion Ratio	Lower	Upper
114 100		
63 23.1	0.0	46.0
88 16.7	0.0	32.8



#35
 Dibromofluoromethane
 Concen: 49.202 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN063326.D
 Acq: 11 Sep 2020 19:54

Tgt Ion:113	Resp:	223615
Ion Ratio	Lower	Upper
113 100		
111 102.5	82.2	123.2
192 16.2	12.9	19.3

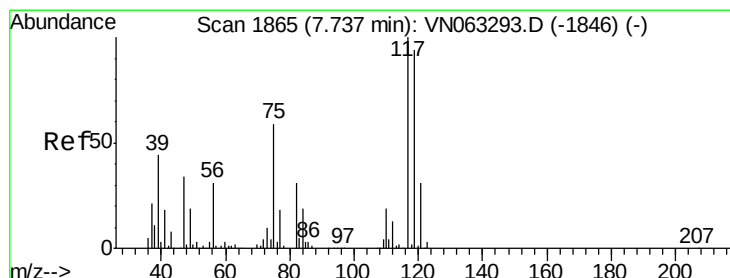
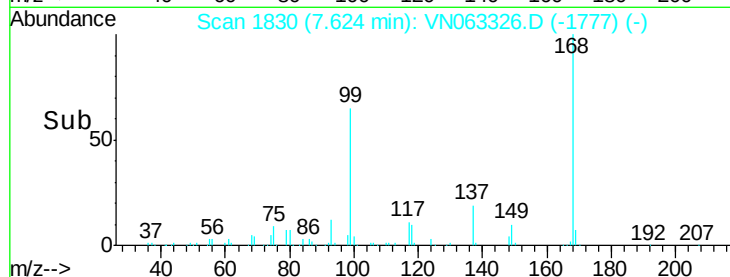
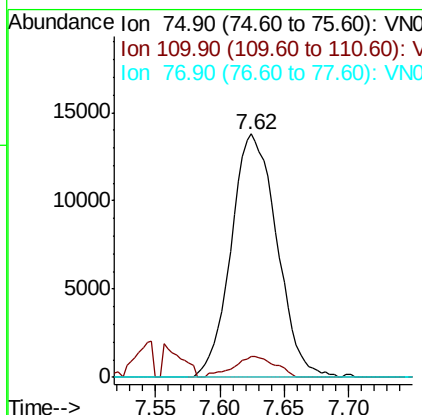
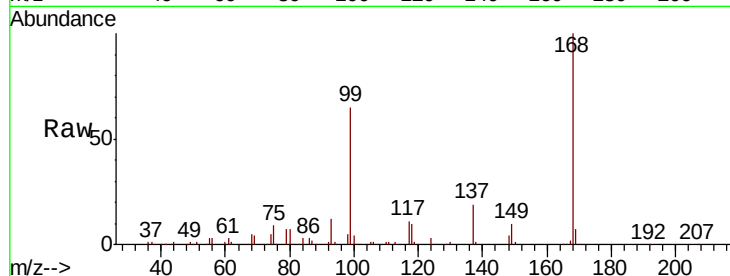




#36
 1,1-Dichloropropene
 Concen: 4.708 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN063326.D
 Acq: 11 Sep 2020 19:54

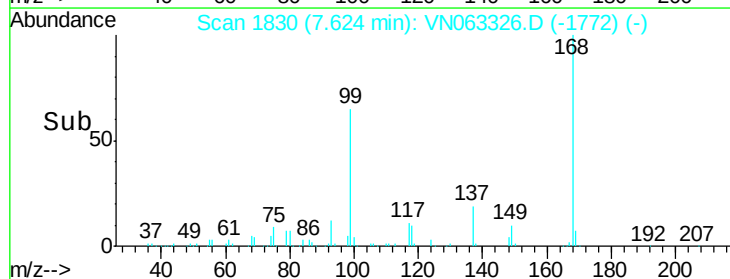
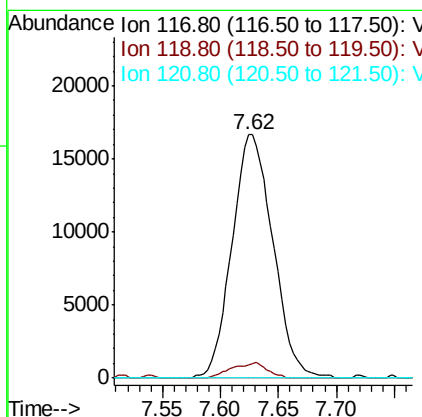
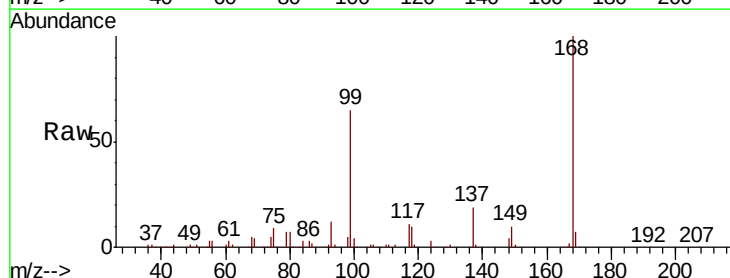
Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ188I-20200909

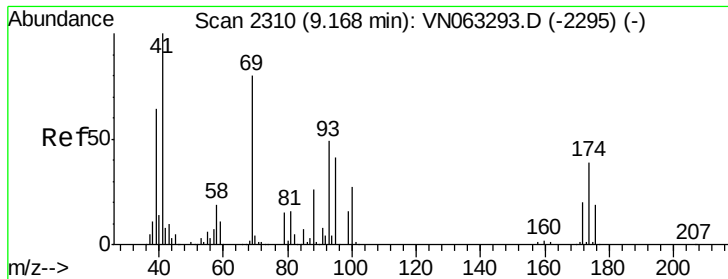
Tot Ion	75	Resp	34096
Ion Ratio	Lower	Upper	
75	100		
110	7.8	16.4	49.4#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 5.731 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.11 min
 Lab File: VN063326.D
 Acq: 11 Sep 2020 19:54

Tgt Ion	117	Resp	40842
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
117	100		
119	5.5	75.3	112.9#
121	0.0	24.6	37.0#





#49

1,4-Dioxane

Concen: 0.729 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.01 min

Lab File: VN063326.D

Acq: 11 Sep 2020 19:54

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ188I-20200909

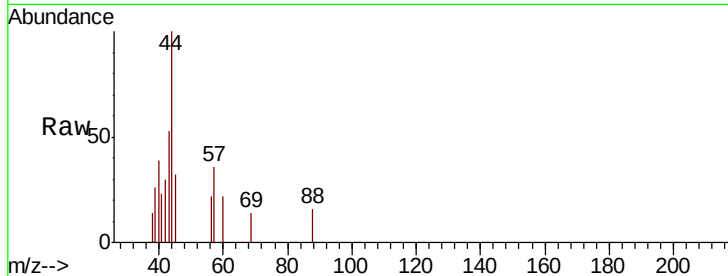
Tot Ion: 88 Resp: 65

Ion Ratio Lower Upper

88 100

43 253.8 30.5 45.7#

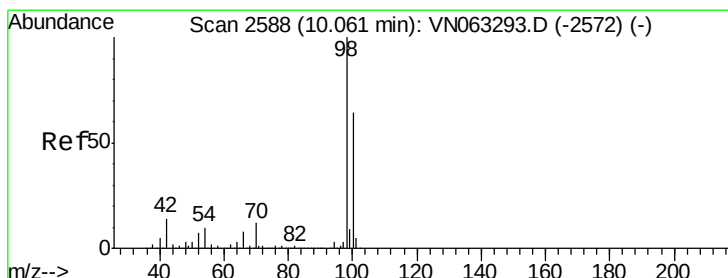
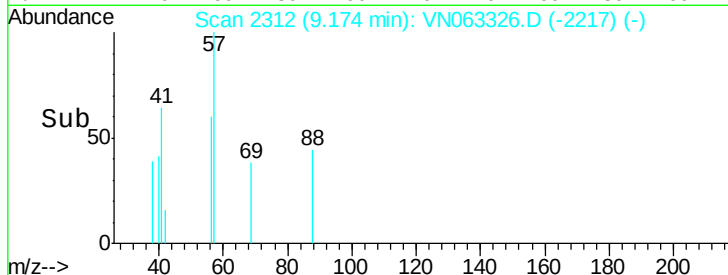
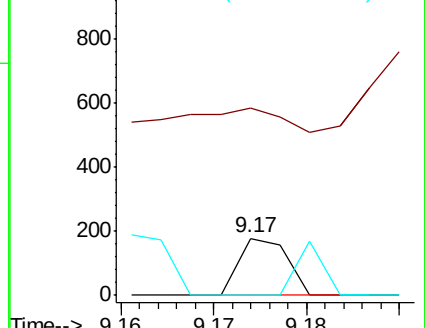
58 49.2 58.9 88.3#



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: 51.973 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. -0.00 min

Lab File: VN063326.D

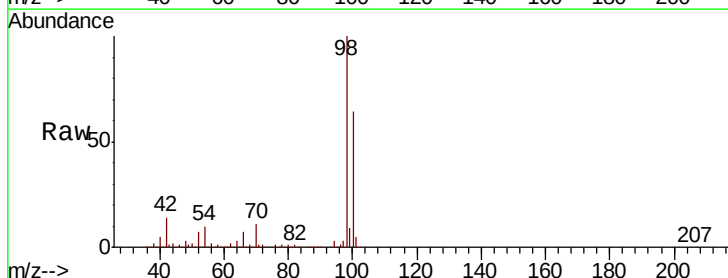
Acq: 11 Sep 2020 19:54

Tgt Ion: 98 Resp: 905205

Ion Ratio Lower Upper

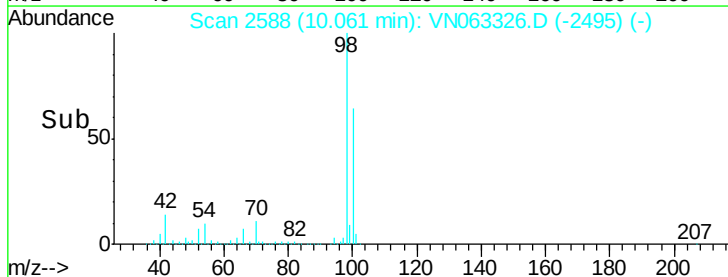
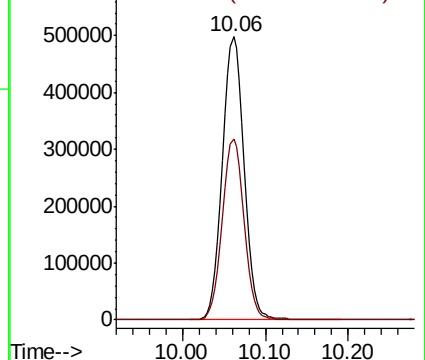
98 100

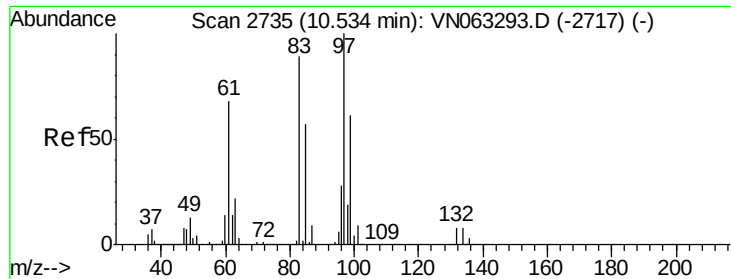
100 63.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

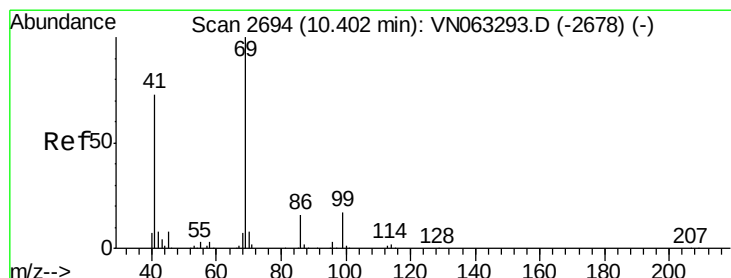
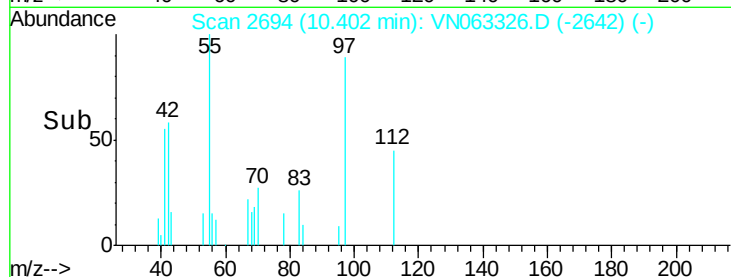
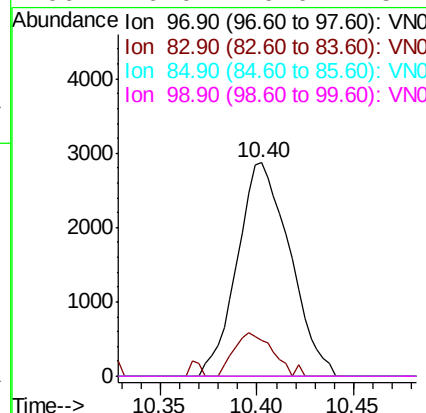
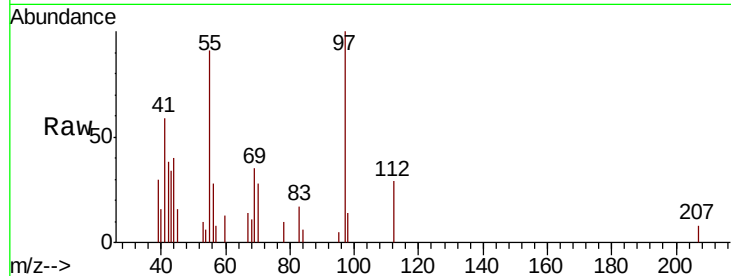




#55
 1,1,2-Trichloroethane
 Concen: 1.097 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. -0.13 min
 Lab File: VN063326.D
 Acq: 11 Sep 2020 19:54

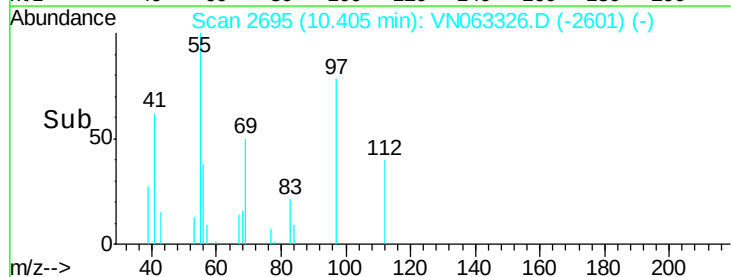
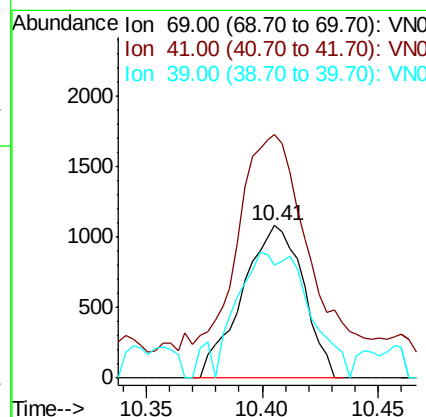
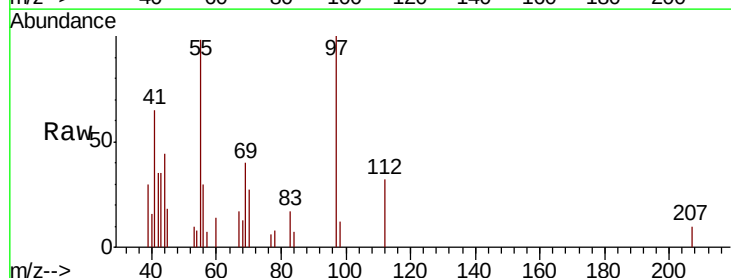
Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ188I-20200909

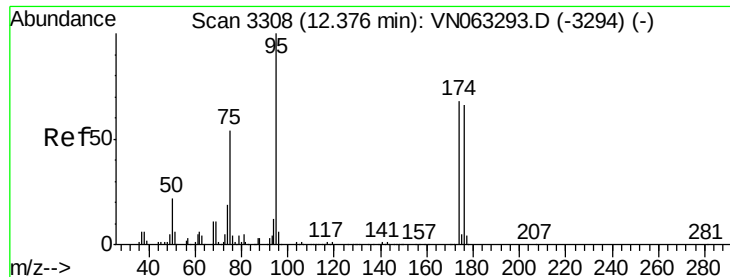
Tot Ion: 97 Resp: 5427
 Ion Ratio Lower Upper
 97 100
 83 16.7 70.8 106.2#
 85 0.0 45.6 68.4#
 99 0.0 49.0 73.4#



#56
 Ethyl methacrylate
 Concen: 0.263 ug/l
 RT: 10.41 min Scan# 2695
 Delta R.T. 0.00 min
 Lab File: VN063326.D
 Acq: 11 Sep 2020 19:54

Tgt Ion: 69 Resp: 1980
 Ion Ratio Lower Upper
 69 100
 41 155.4 58.4 87.6#
 39 95.6 38.6 58.0#





#62

4-Bromofluorobenzene

Concen: 51.722 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.00 min

Lab File: VN063326.D

Acq: 11 Sep 2020 19:54

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ188I-20200909

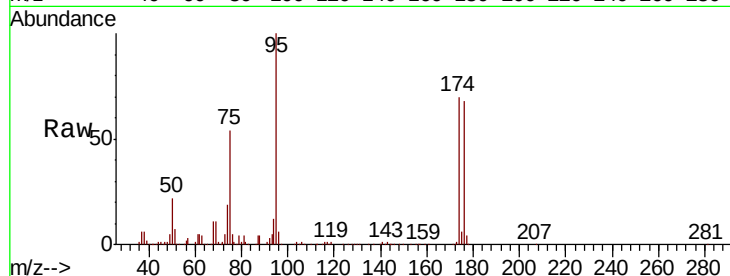
Tot Ion: 95 Resp: 332728

Ion Ratio Lower Upper

95 100

174 71.6 0.0 136.6

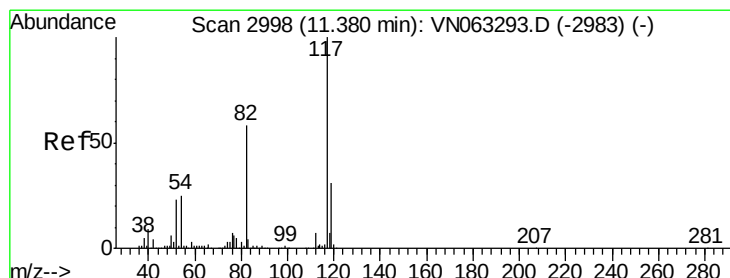
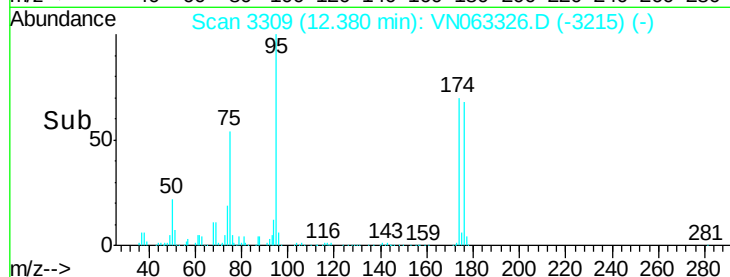
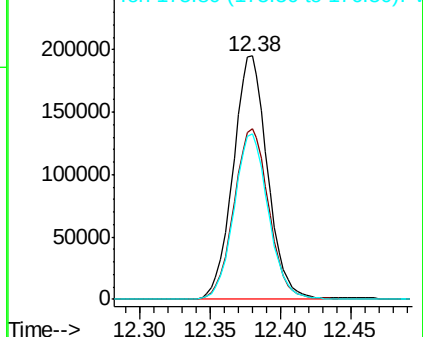
176 68.2 0.0 132.8



Abundance Ion 94.90 (94.60 to 95.60): VN063326.D (-3215) (-)

Ion 173.80 (173.50 to 174.50): VN063326.D (-3215) (-)

Ion 175.80 (175.50 to 176.50): VN063326.D (-3215) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063326.D

Acq: 11 Sep 2020 19:54

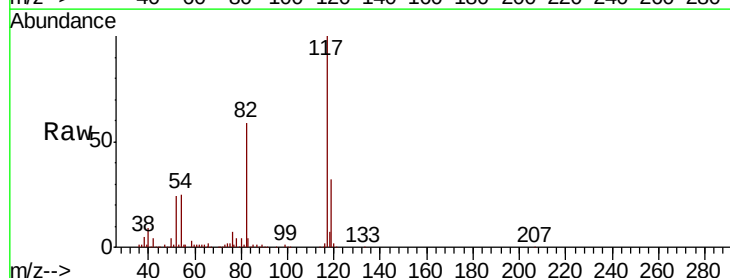
Tgt Ion: 117 Resp: 681965

Ion Ratio Lower Upper

117 100

82 59.3 46.4 69.6

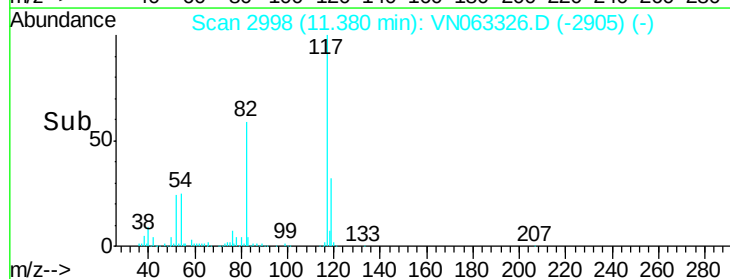
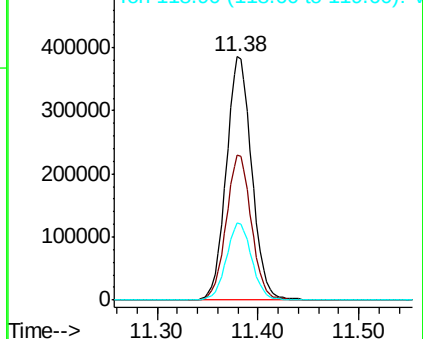
119 31.5 24.8 37.2

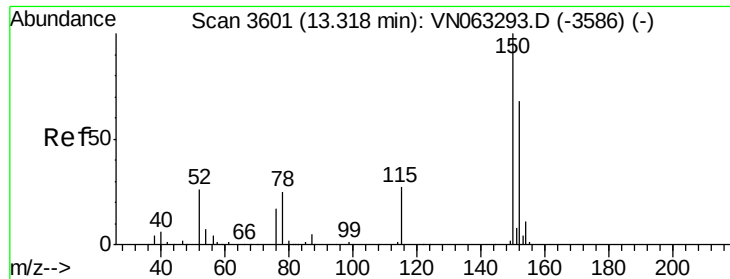


Abundance Ion 116.90 (116.60 to 117.60): VN063326.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN063326.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN063326.D (-2905) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063326.D

Acq: 11 Sep 2020 19:54

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ188I-20200909

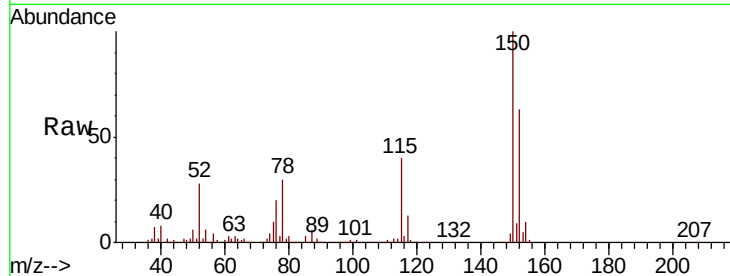
Tot Ion:152 Resp: 278123

Ion Ratio Lower Upper

152 100

115 62.6 31.5 94.5

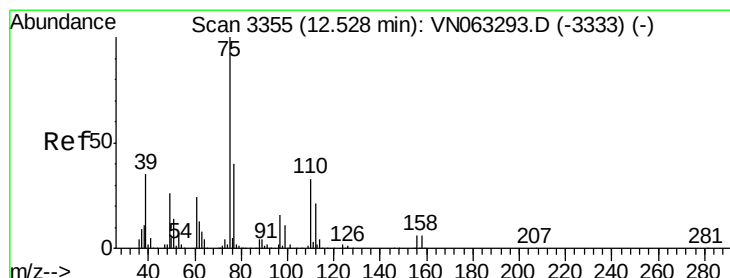
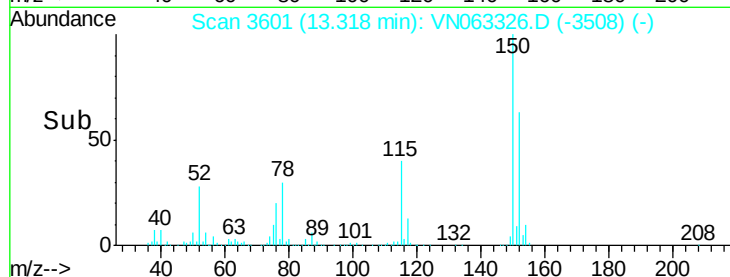
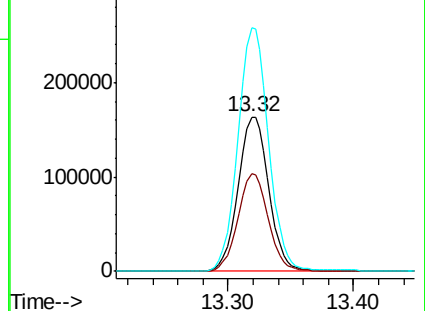
150 157.0 0.0 344.0



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: 29.863 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063326.D

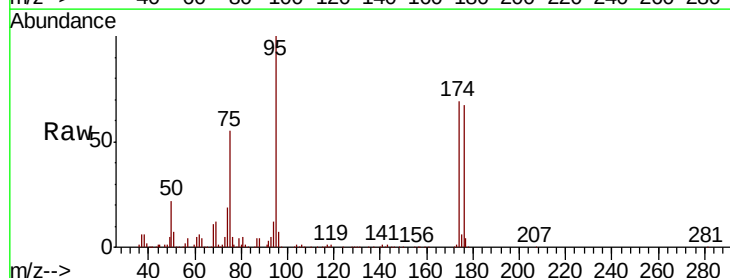
Acq: 11 Sep 2020 19:54

Tgt Ion: 75 Resp: 183231

Ion Ratio Lower Upper

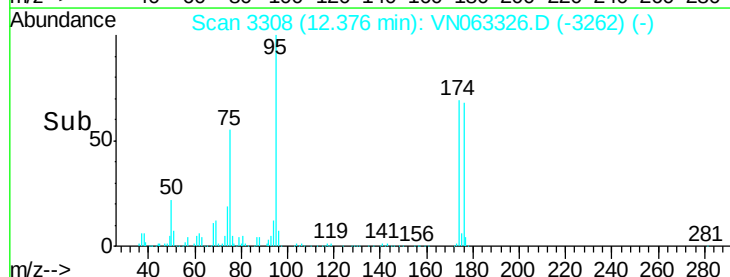
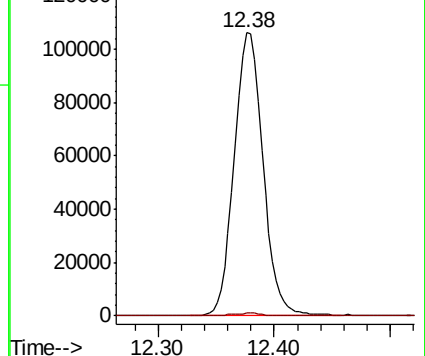
75 100

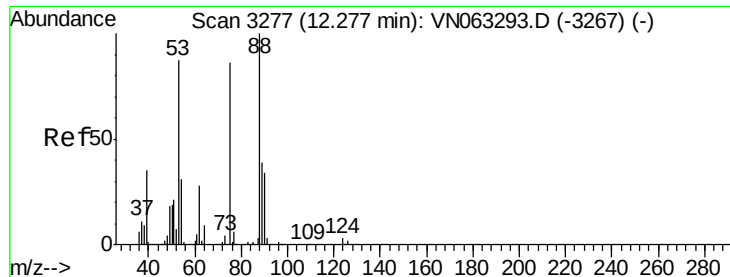
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

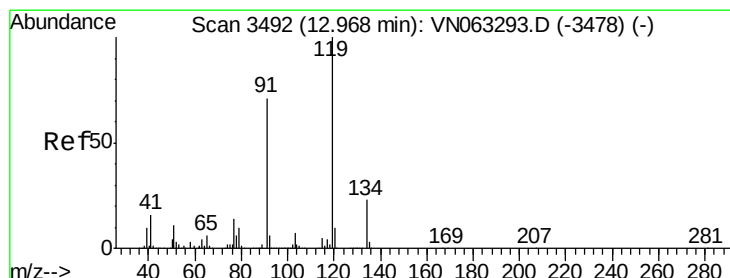
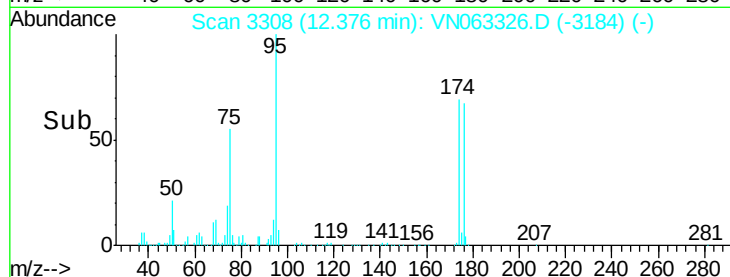
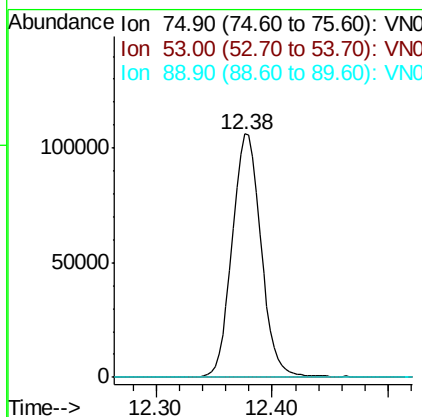
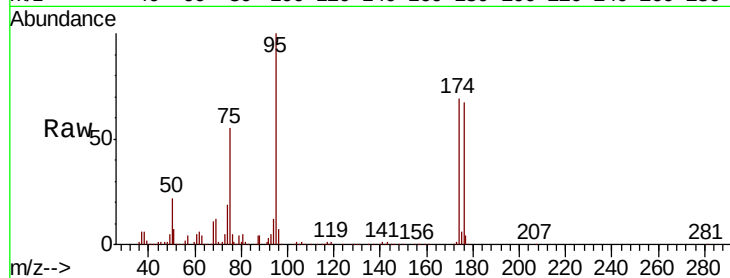




#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.235 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.10 min
 Lab File: VN063326.D
 Acq: 11 Sep 2020 19:54

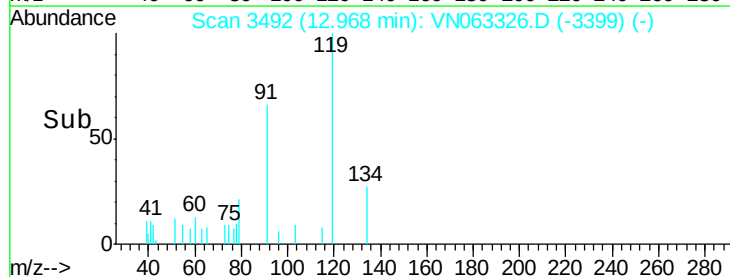
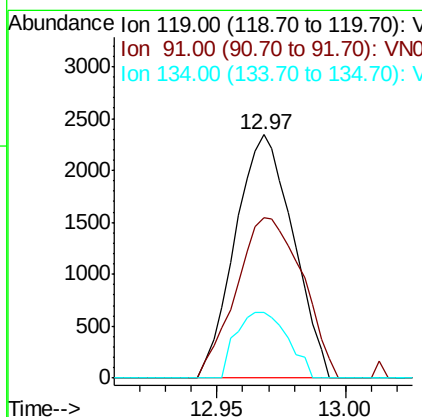
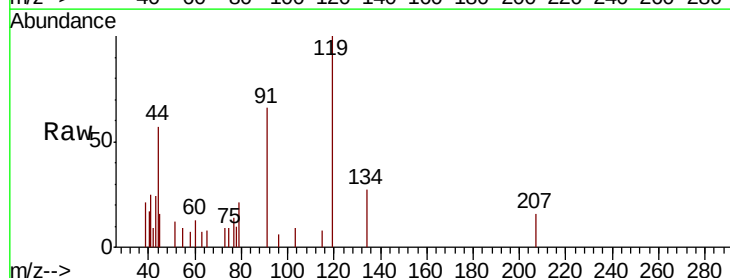
Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ188I-20200909

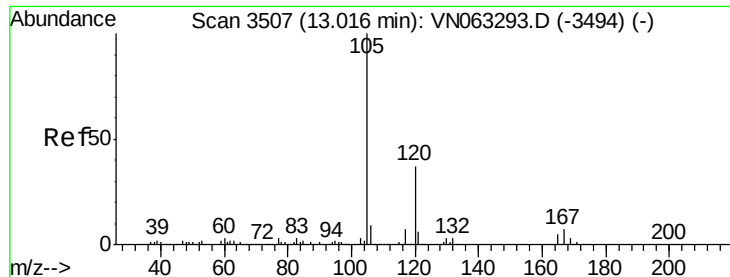
Tot Ion: 75 Resp: 183231
 Ion Ratio Lower Upper
 75 100
 53 0.1 81.8 122.8#
 89 0.0 36.7 55.1#



#83
 tert-Butylbenzene
 Concen: 0.232 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063326.D
 Acq: 11 Sep 2020 19:54

Tgt Ion: 119 Resp: 3663
 Ion Ratio Lower Upper
 119 100
 91 75.7 34.8 104.3
 134 24.3 11.9 35.5

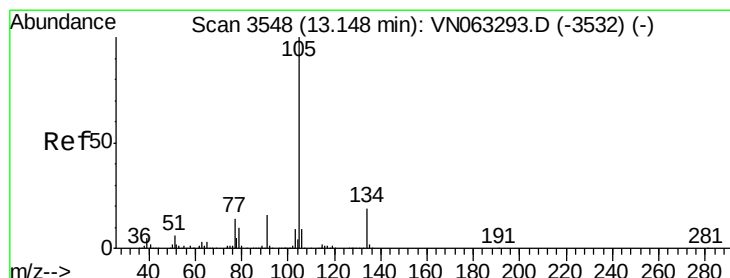
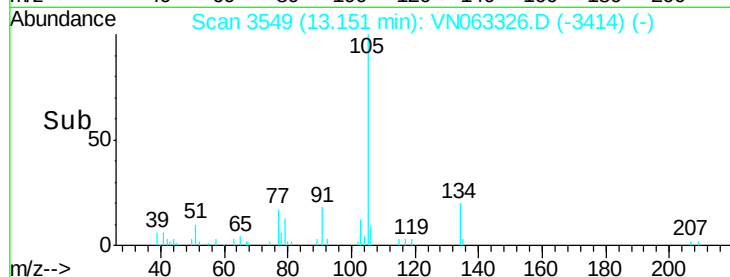
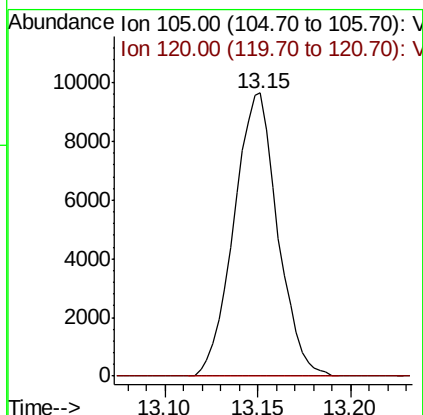
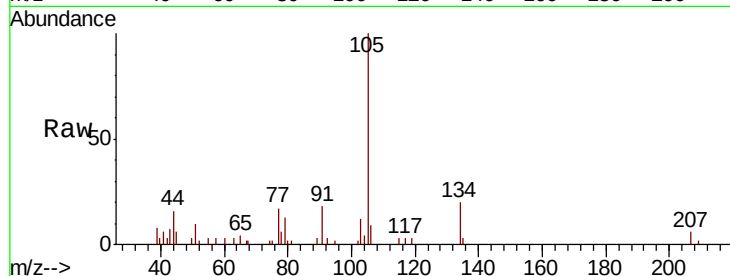




#84
 1,2,4-Trimethylbenzene
 Concen: 0.840 ug/l
 RT: 13.15 min Scan# 3549
 Delta R.T. 0.13 min
 Lab File: VN063326.D
 Acq: 11 Sep 2020 19:54

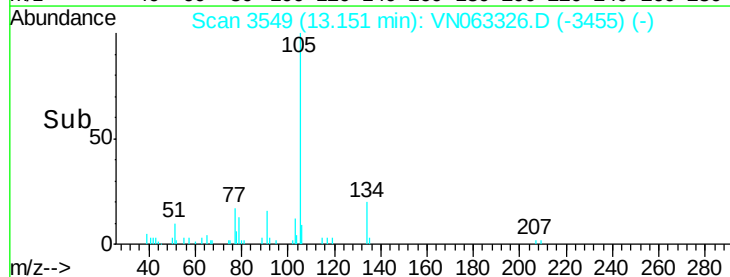
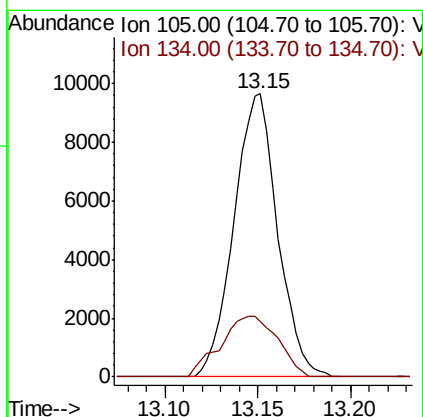
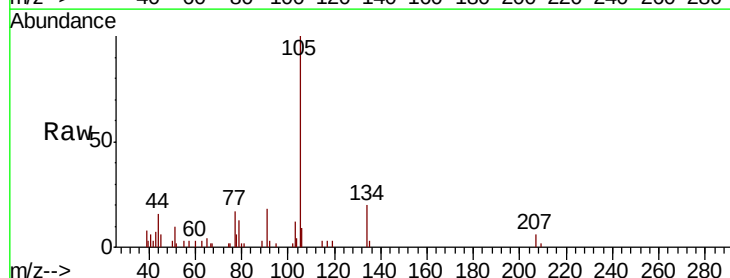
Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ188I-20200909

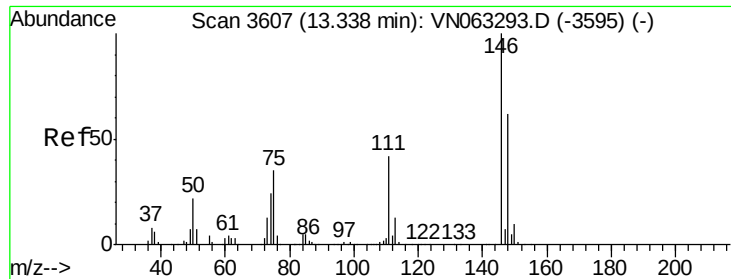
Tot Ion:105 Resp: 15778
 Ion Ratio Lower Upper
 105 100
 120 0.0 21.8 65.4#



#85
 sec-Butylbenzene
 Concen: 0.785 ug/l
 RT: 13.15 min Scan# 3549
 Delta R.T. 0.00 min
 Lab File: VN063326.D
 Acq: 11 Sep 2020 19:54

Tgt Ion:105 Resp: 15778
 Ion Ratio Lower Upper
 105 100
 134 27.9 9.4 28.3





#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 13.27 min Scan# 3585

Delta R.T. -0.07 min

Lab File: VN063326.D

Acq: 11 Sep 2020 19:54

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ188I-20200909

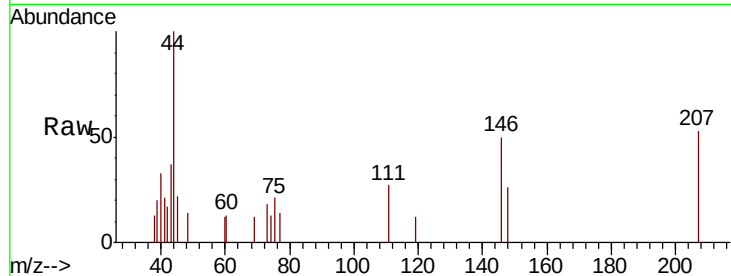
Tot Ion:146 Resp: 989

Ion Ratio Lower Upper

146 100

111 27.1 21.3 64.0

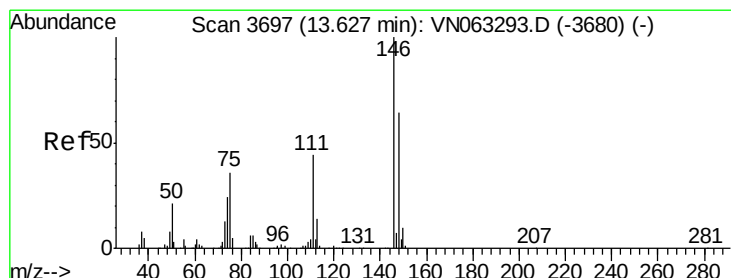
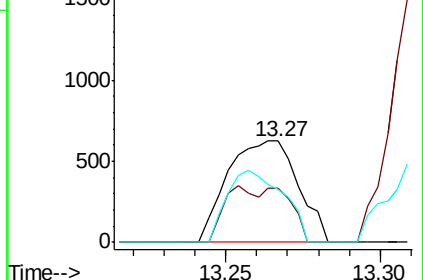
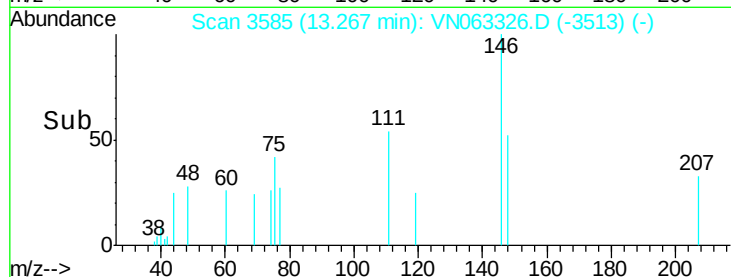
148 56.1 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#91

1,2-Dichlorobenzene

Concen: 0.357 ug/l

RT: 13.63 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VN063326.D

Acq: 11 Sep 2020 19:54

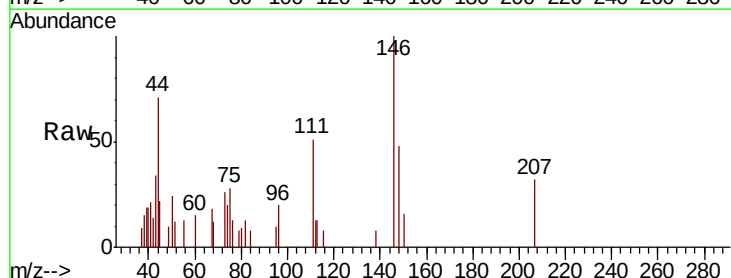
Tgt Ion:146 Resp: 3326

Ion Ratio Lower Upper

146 100

111 43.1 22.1 66.5

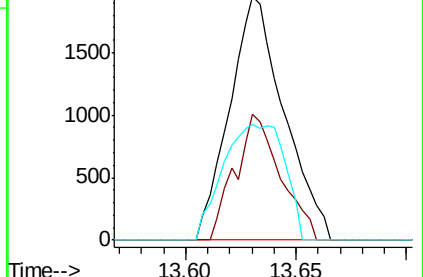
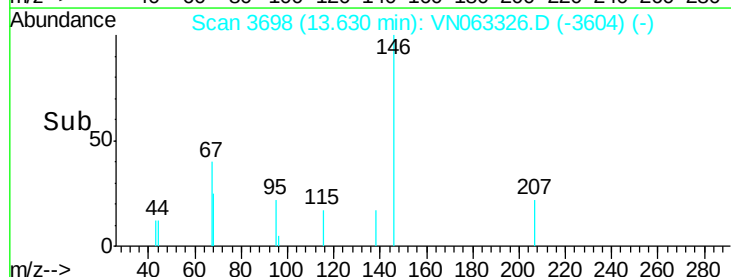
148 53.7 31.8 95.3

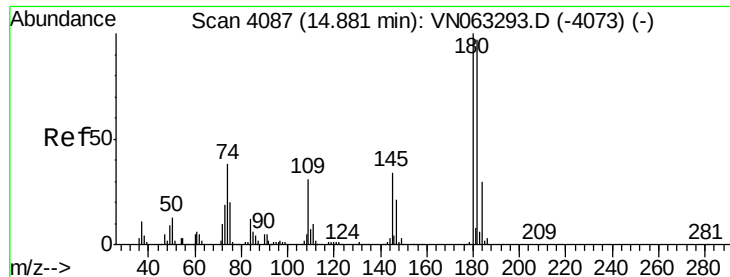


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#93

1,2,4-Trichlorobenzene

Concen: 0.583 ug/l

RT: 14.89 min Scan# 4090

Delta R.T. 0.01 min

Lab File: VN063326.D

Acq: 11 Sep 2020 19:54

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ188I-20200909

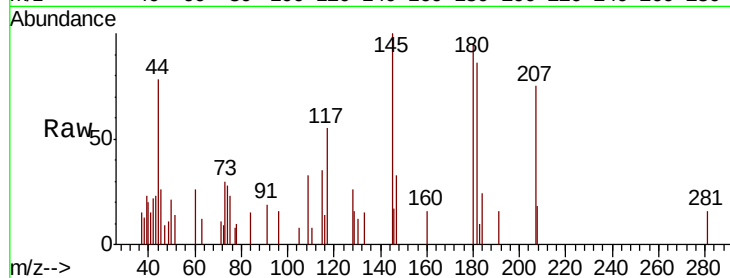
Tot Ion:180 Resp: 3177

Ion Ratio Lower Upper

180 100

182 88.7 48.0 144.2

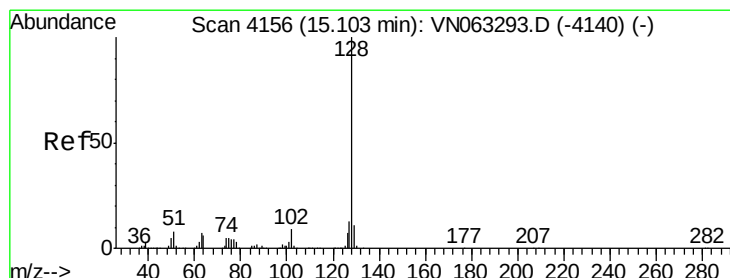
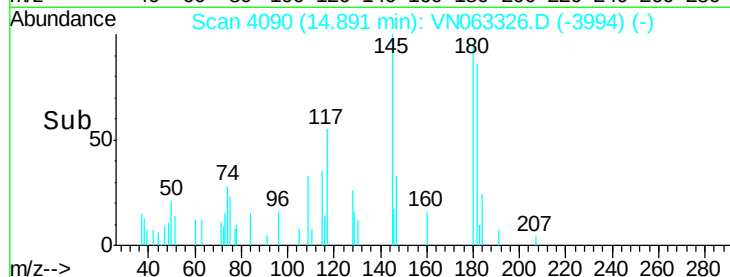
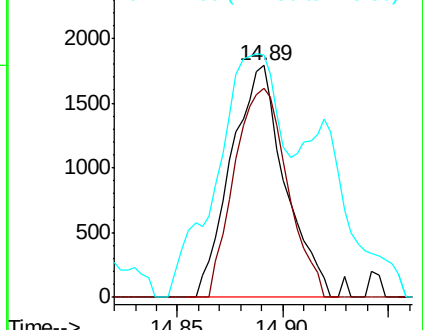
145 126.3 16.6 49.8#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#95

Naphthalene

Concen: Below Cal

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063326.D

Acq: 11 Sep 2020 19:54

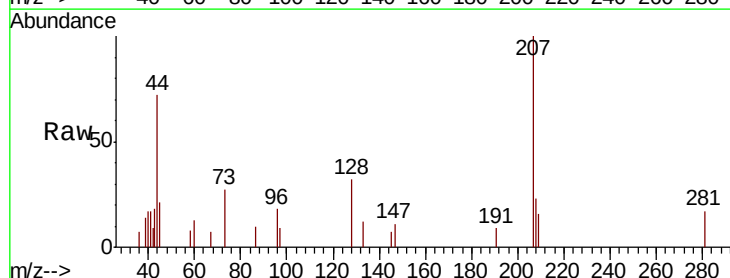
Tgt Ion:128 Resp: 1101

Ion Ratio Lower Upper

128 100

127 6.4 10.3 15.5#

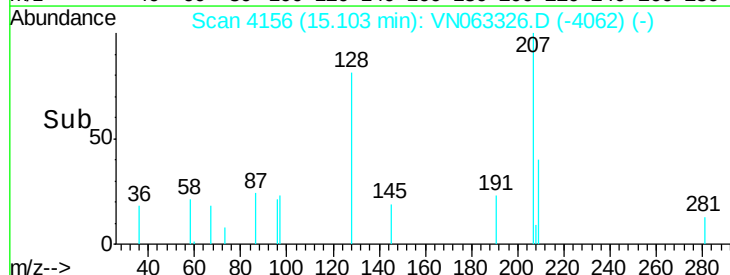
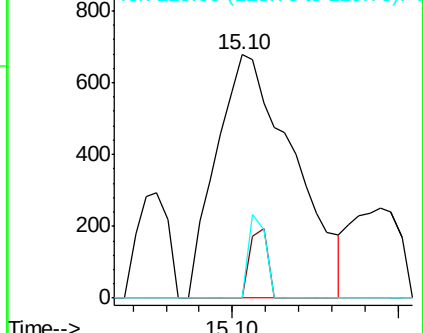
129 7.4 8.6 12.8#

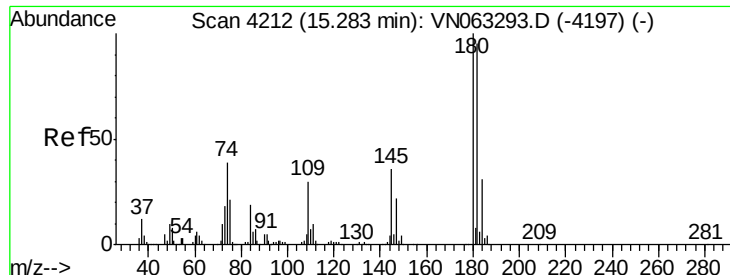


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: Below Cal
 RT: 15.30 min Scan# 4216
 Delta R.T. 0.01 min
 Lab File: VN063326.D
 Acq: 11 Sep 2020 19:54

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ188I-20200909

Tot Ion:180 Resp: 726
 Ion Ratio Lower Upper
 180 100
 182 85.0 47.4 142.3
 145 0.0 17.2 51.6#

