

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091420\
 Data File : VN063351.D
 Acq On : 14 Sep 2020 18:54
 Operator : JC/MD
 Sample : L3988-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ190I-20200909

Quant Time: Sep 15 05:13:46 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	376115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	705480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	686901	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	288130	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	290304	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	
35) Dibromofluoromethane	7.55	113	224751	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	
50) Toluene-d8	10.06	98	906269	51.96	ug/l	0.00
Spiked Amount			Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.38	95	338741	52.58	ug/l	0.00
Spiked Amount			Recovery	=	105.16%	

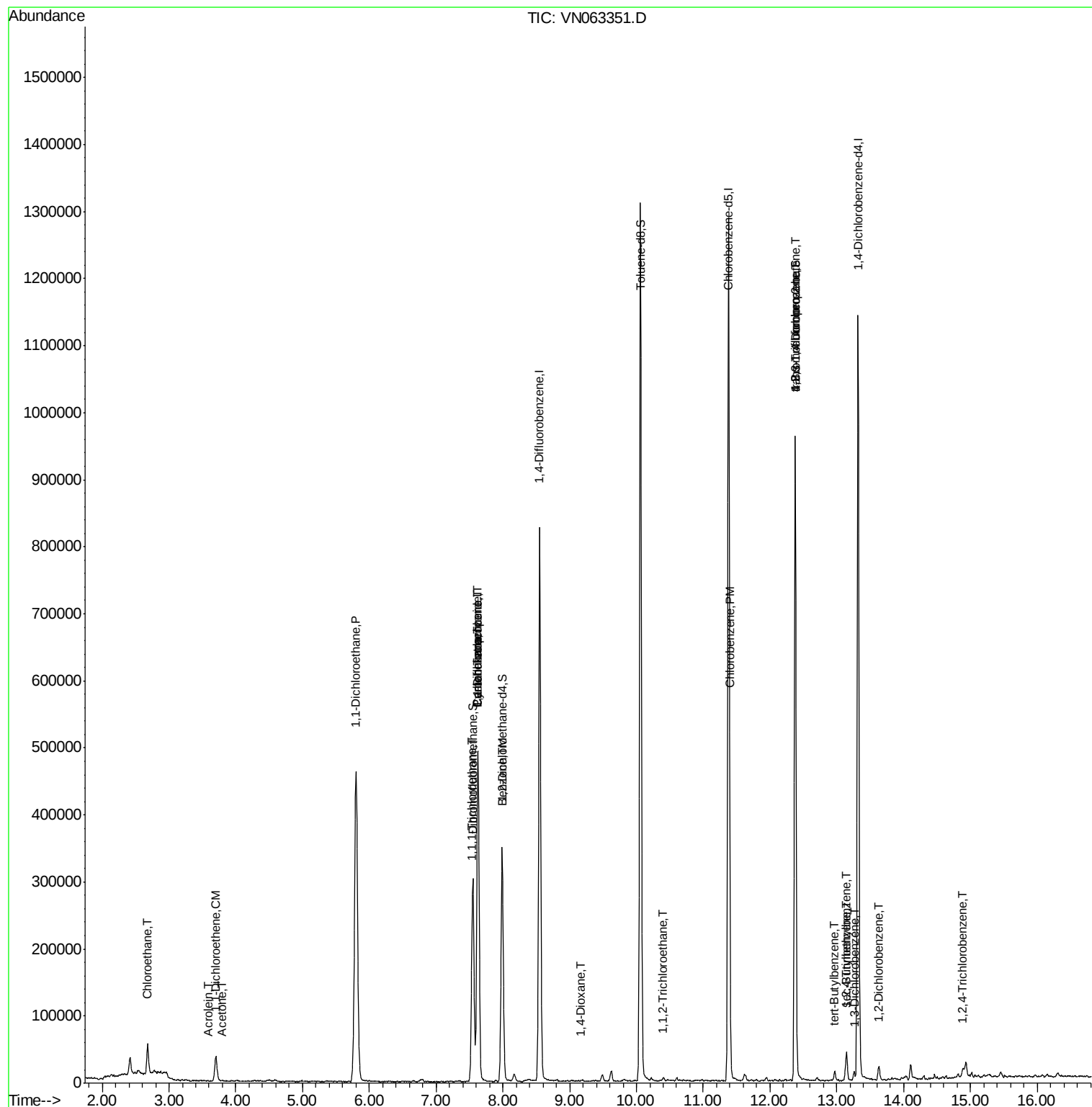
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	1963	Below Cal		98
6) Chloroethane	2.68	64	38512	11.520	ug/l	96
12) 1,1-Dichloroethene	3.70	96	18896	4.585	ug/l	88
13) Acrolein	3.59	56	298	33.067	ug/l	87
16) Acetone	3.78	43	480	0.235	ug/l #	46
17) Carbon Disulfide	4.02	76	732	Below Cal	#	75
20) Methylene Chloride	4.50	84	358	Below Cal	#	34
24) 1,1-Dichloroethane	5.80	63	715923	79.397	ug/l	98
31) Cyclohexane	7.63	56	10396	1.254	ug/l #	7
32) 1,1,1-Trichloroethane	7.53	97	13759	1.748	ug/l	96
36) 1,1-Dichloropropene	7.63	75	34001	4.689	ug/l #	51
38) Carbon Tetrachloride	7.63	117	41913	5.873	ug/l #	17
40) Benzene	8.00	78	7407	0.358	ug/l	92
49) 1,4-Dioxane	9.16	88	150	1.681	ug/l #	1
55) 1,1,2-Trichloroethane	10.41	97	1581	0.319	ug/l #	14
65) Chlorobenzene	11.41	112	7029	0.475	ug/l	97
76) 1,2,3-Trichloropropane	12.38	75	184166	28.973	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	184166	77.844	ug/l #	9
83) tert-Butylbenzene	12.97	119	6750	0.412	ug/l	97
84) 1,2,4-Trimethylbenzene	13.15	105	26522	1.364	ug/l #	32
85) sec-Butylbenzene	13.15	105	26522	1.274	ug/l	87
87) 1,3-Dichlorobenzene	13.26	146	4769	0.488	ug/l	96
88) 1,4-Dichlorobenzene	13.26	146	4769	Below Cal		95
91) 1,2-Dichlorobenzene	13.63	146	8292	0.859	ug/l	91
93) 1,2,4-Trichlorobenzene	14.89	180	2445	0.433	ug/l #	44
95) Naphthalene	15.12	128	2030	Below Cal	#	71
96) 1,2,3-Trichlorobenzene	15.29	180	896	Below Cal	#	1

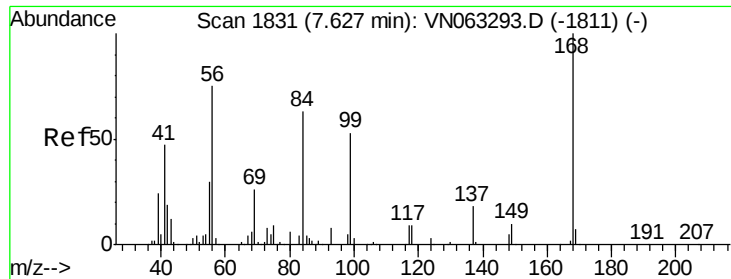
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN063351.D

Acq: 14 Sep 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

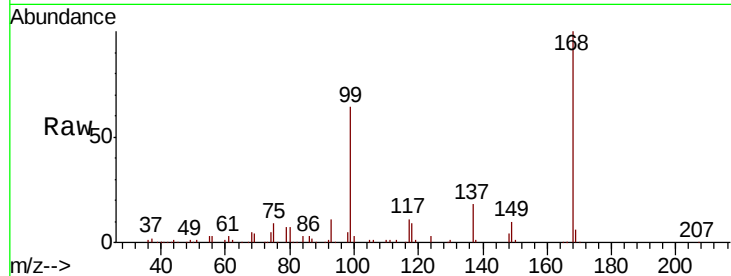
SA-PZ190I-20200909

Tot Ion:168 Resp: 376115

Ion Ratio Lower Upper

168 100

99 63.7 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

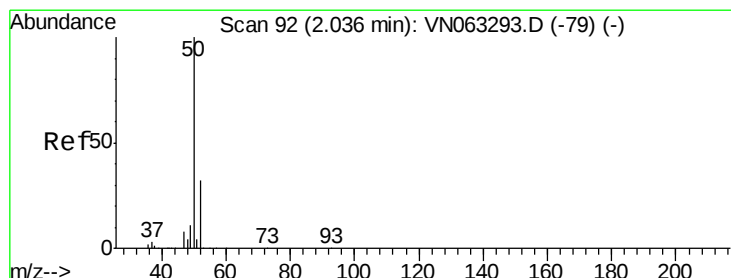
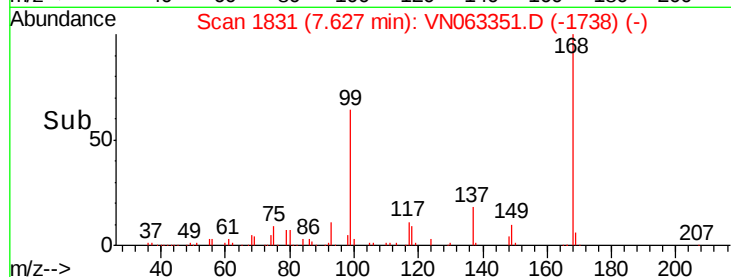
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: Below Cal

RT: 2.03 min Scan# 90

Delta R.T. -0.01 min

Lab File: VN063351.D

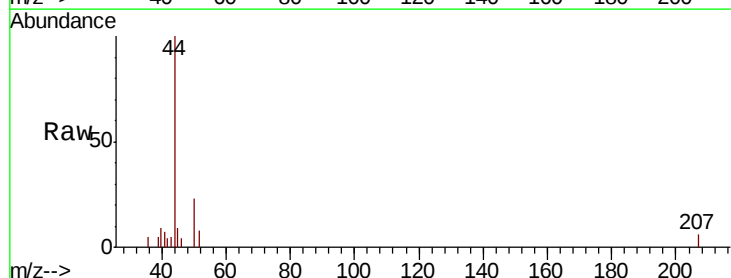
Acq: 14 Sep 2020 18:54

Tgt Ion: 50 Resp: 1963

Ion Ratio Lower Upper

50 100

52 32.8 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

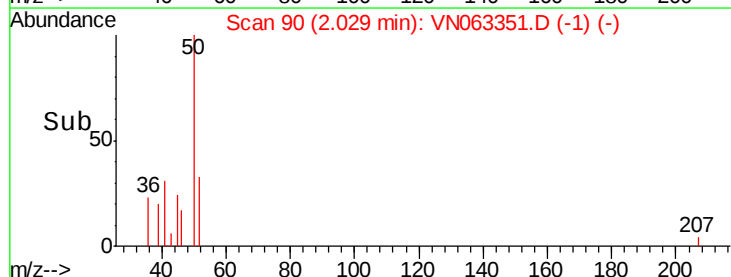
2.03

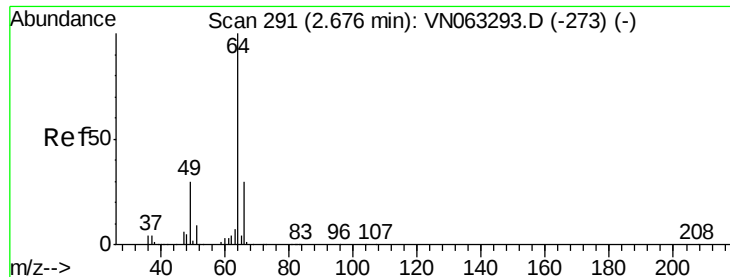
1000

500

0

Time--> 2.00 2.05





#6

Chloroethane

Concen: 11.520 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN063351.D

Acq: 14 Sep 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

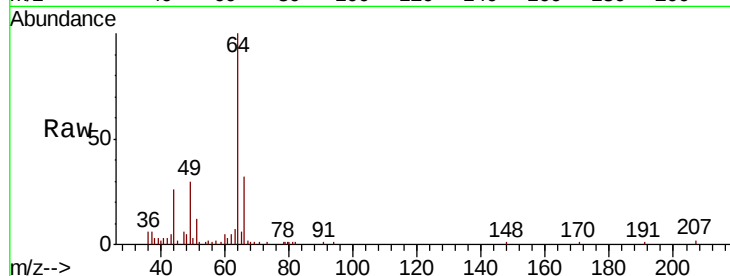
SA-PZ190I-20200909

Tot Ion: 64 Resp: 38512

Ion Ratio Lower Upper

64 100

66 32.1 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO

20000

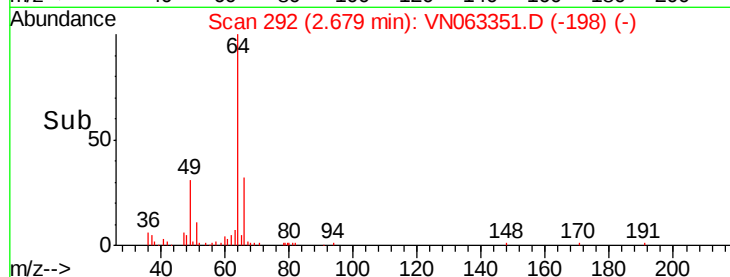
15000

10000

5000

0

Time-->

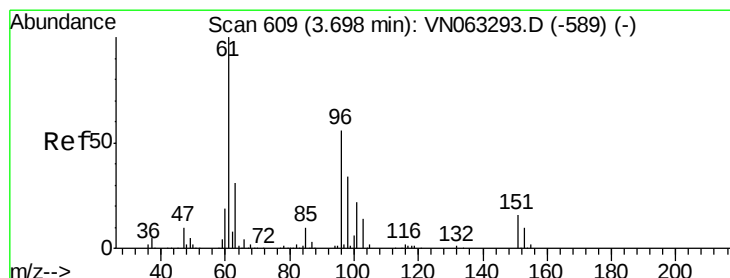


2.68

2.65

2.70

2.75



#12

1,1-Dichloroethene

Concen: 4.585 ug/l

RT: 3.70 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN063351.D

Acq: 14 Sep 2020 18:54

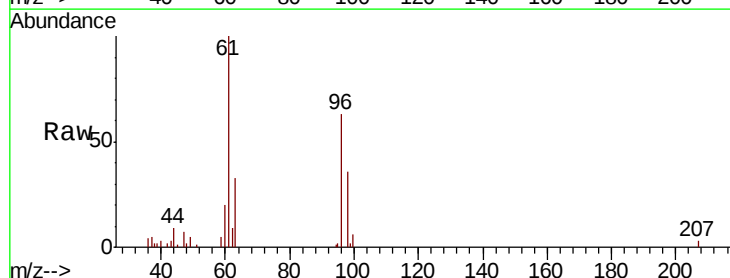
Tgt Ion: 96 Resp: 18896

Ion Ratio Lower Upper

96 100

61 158.2 142.1 213.1

98 56.9 48.8 73.2



Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

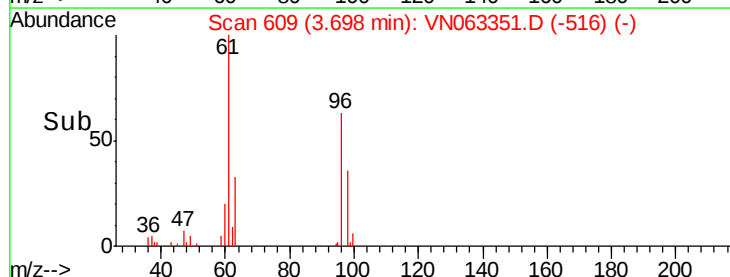
15000

10000

5000

0

Time-->

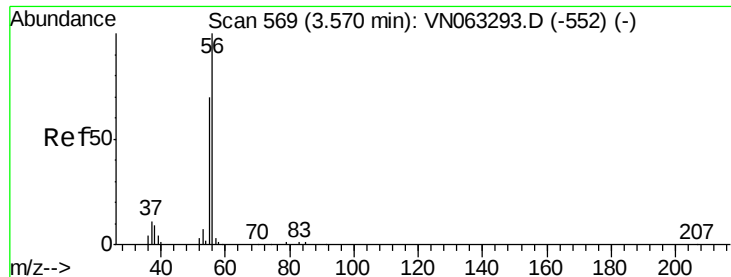


3.70

3.65

3.75

3.80



#13

Acrolein

Concen: 33.067 ug/l

RT: 3.59 min Scan# 576

Delta R.T. 0.02 min

Lab File: VN063351.D

Acq: 14 Sep 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

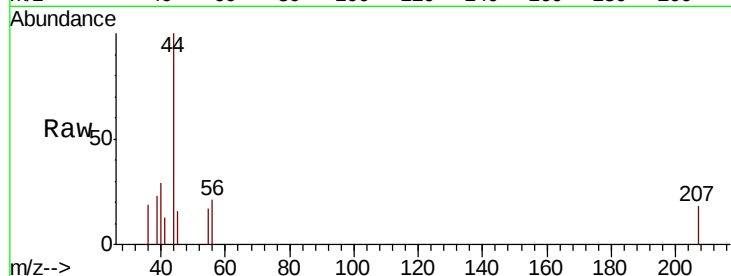
SA-PZ190I-20200909

Tot Ion: 56 Resp: 298

Ion Ratio Lower Upper

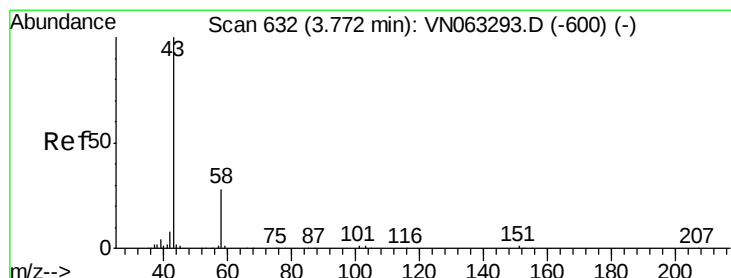
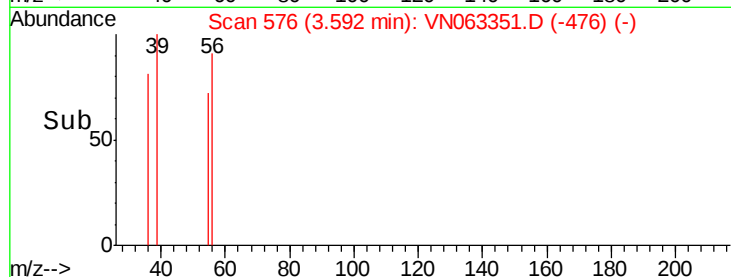
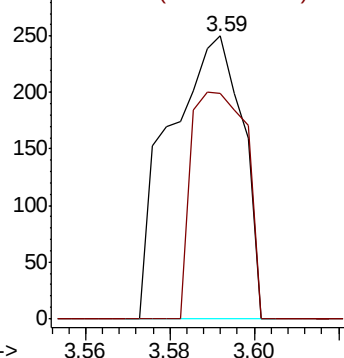
56 100

55 60.7 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: 0.235 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063351.D

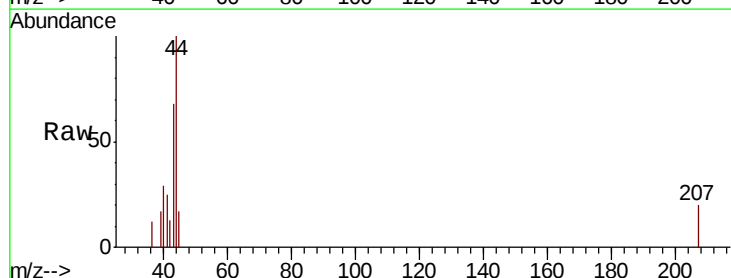
Acq: 14 Sep 2020 18:54

Tgt Ion: 43 Resp: 480

Ion Ratio Lower Upper

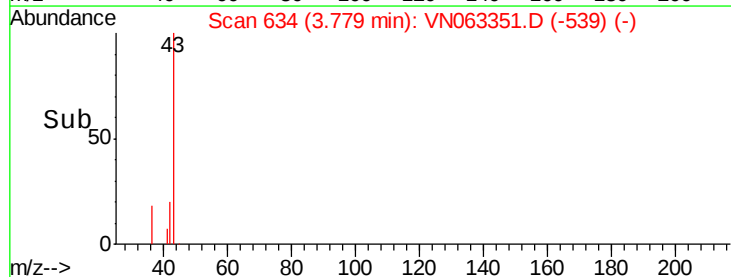
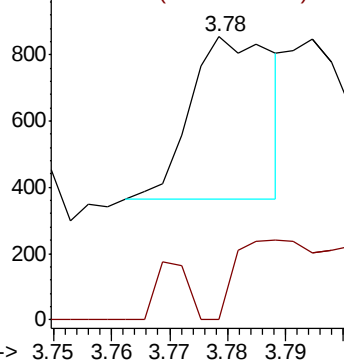
43 100

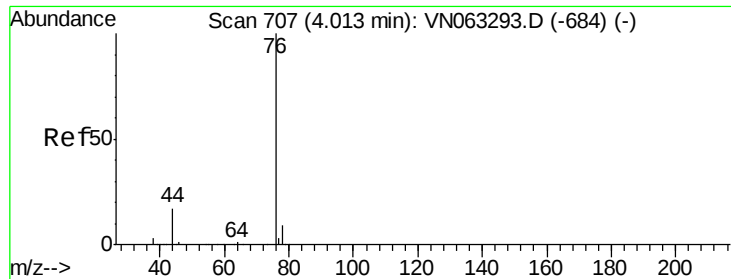
58 0.0 22.6 34.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

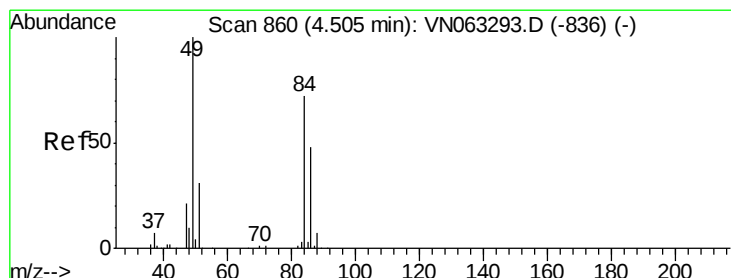
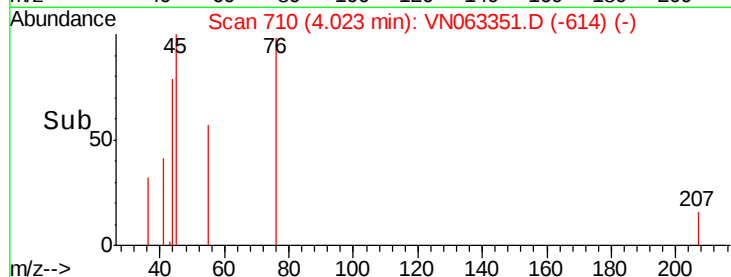
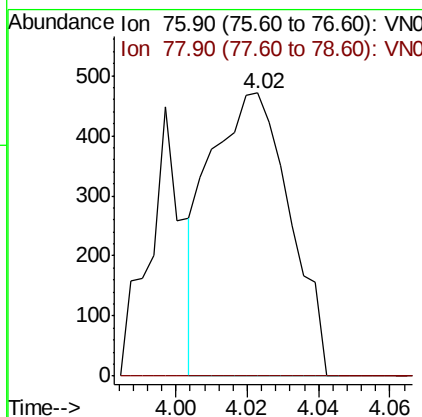
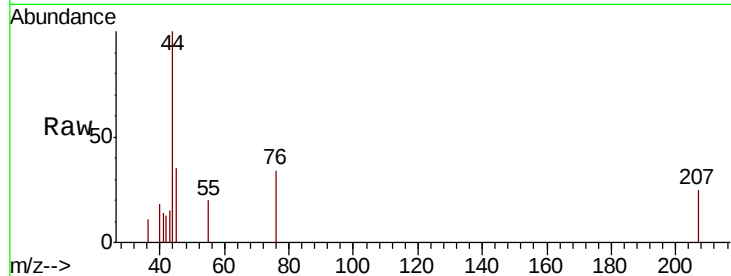




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.02 min Scan# 710
Delta R.T. 0.01 min
Lab File: VN063351.D
Acq: 14 Sep 2020 18:54

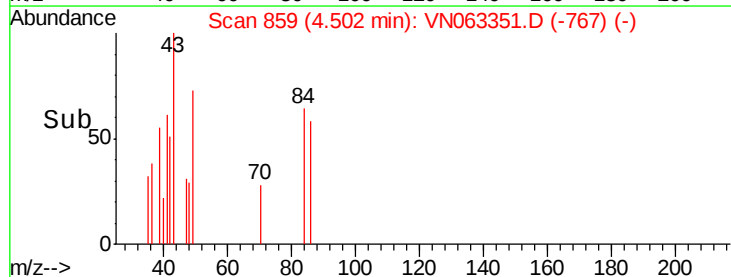
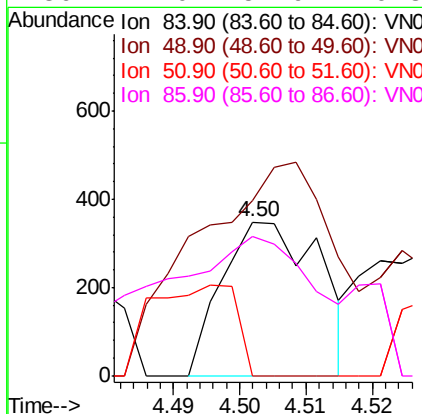
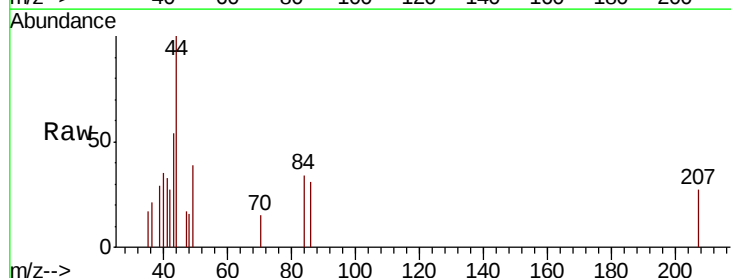
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MSVOA_N
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SA-PZ190I-20200909

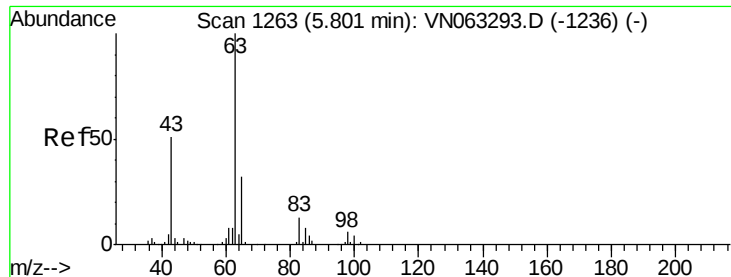
Tot Ion: 76 Resp: 732
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063351.D
Acq: 14 Sep 2020 18:54

Tgt Ion: 84 Resp: 358
Ion Ratio Lower Upper
84 100
49 37.4 111.1 166.7#
51 0.0 34.3 51.5#
86 44.0 52.9 79.3#





#24

1,1-Dichloroethane

Concen: 79.397 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VN063351.D

Acq: 14 Sep 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ190I-20200909

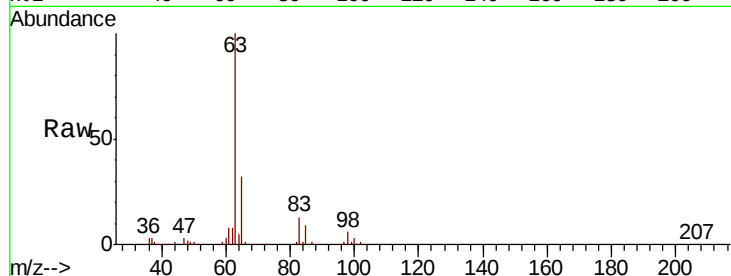
Tot Ion: 63 Resp: 715923

Ion Ratio Lower Upper

63 100

98 5.6 3.1 9.3

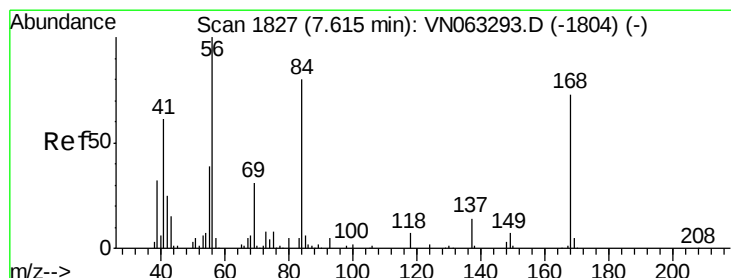
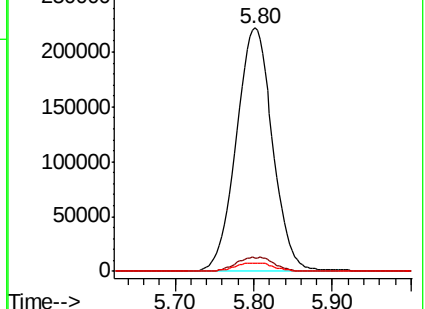
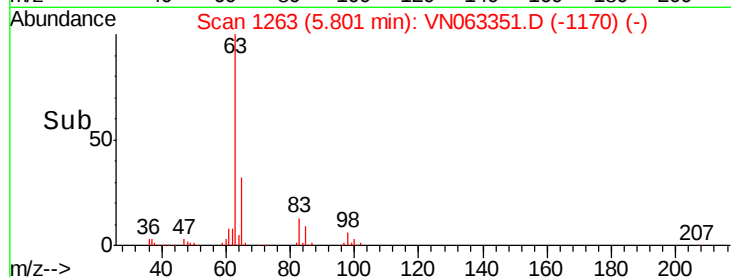
100 3.5 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0



#31

Cyclohexane

Concen: 1.254 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN063351.D

Acq: 14 Sep 2020 18:54

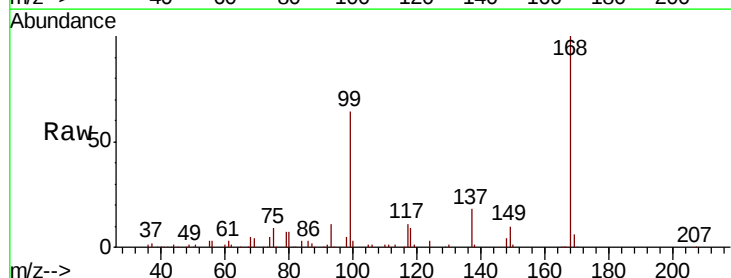
Tgt Ion: 56 Resp: 10396

Ion Ratio Lower Upper

56 100

69 166.3 25.1 37.7#

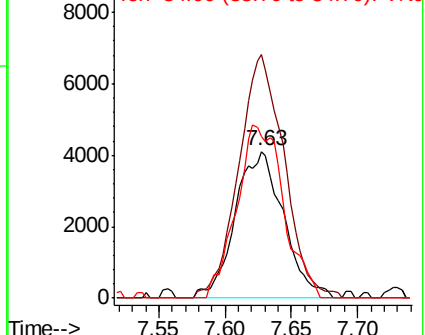
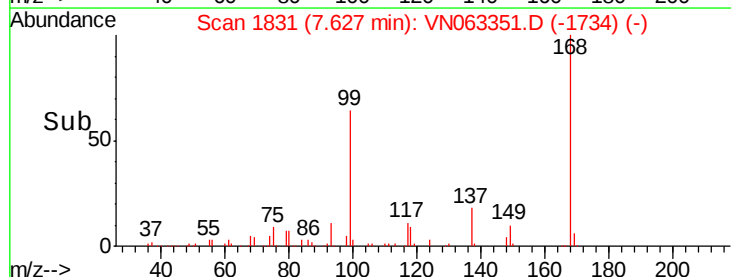
84 110.0 64.2 96.2#

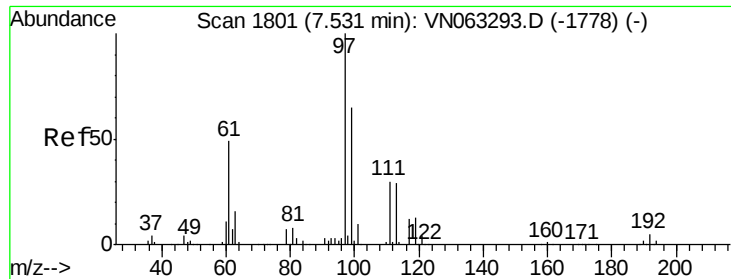


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

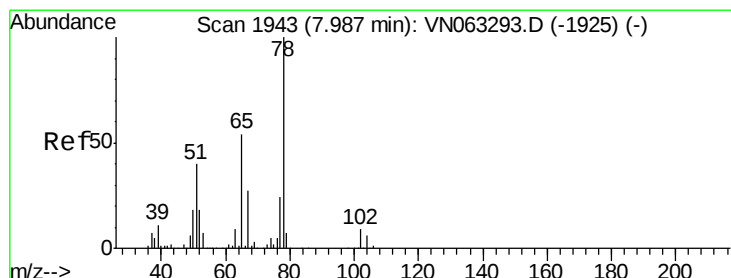
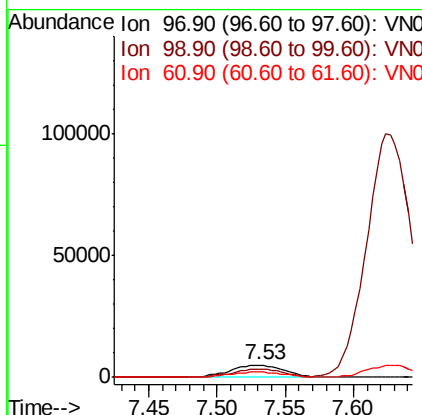
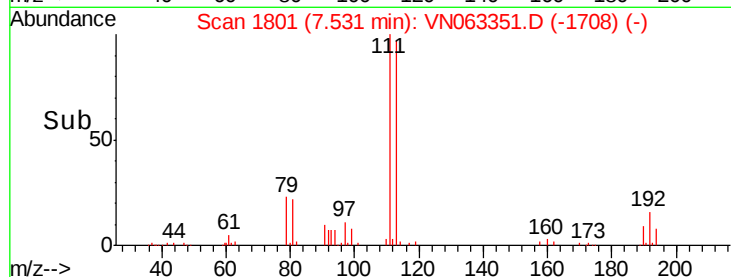
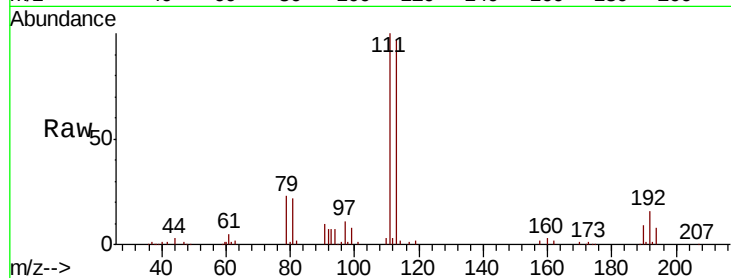




#32
 1,1,1-Trichloroethane
 Concen: 1.748 ug/l
 RT: 7.53 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN063351.D
 Acq: 14 Sep 2020 18:54

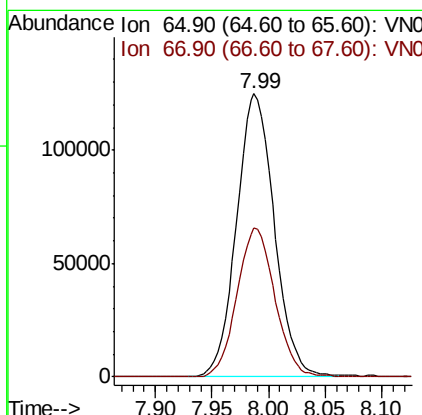
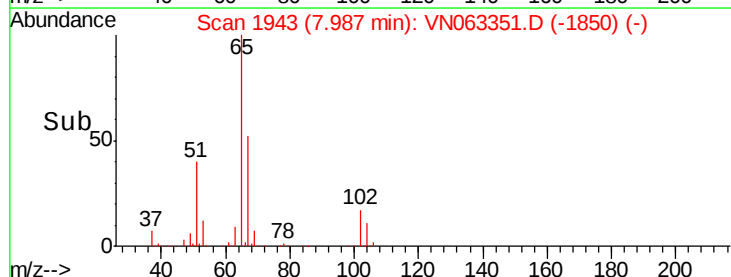
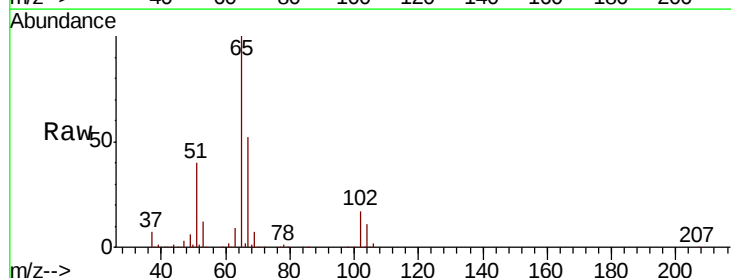
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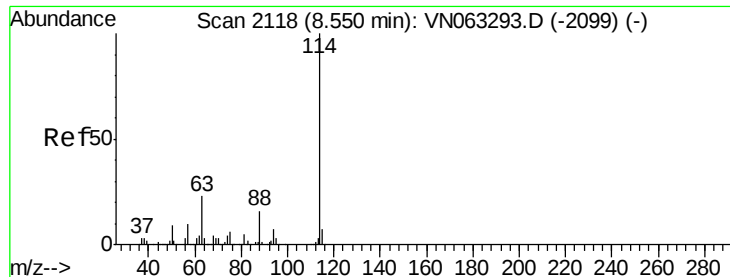
Tot Ion: 97 Resp: 13759
 Ion Ratio Lower Upper
 97 100
 99 65.8 51.4 77.2
 61 44.0 38.9 58.3



#33
 1,2-Dichloroethane-d4
 Concen: 49.127 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063351.D
 Acq: 14 Sep 2020 18:54

Tgt Ion: 65 Resp: 290304
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.6

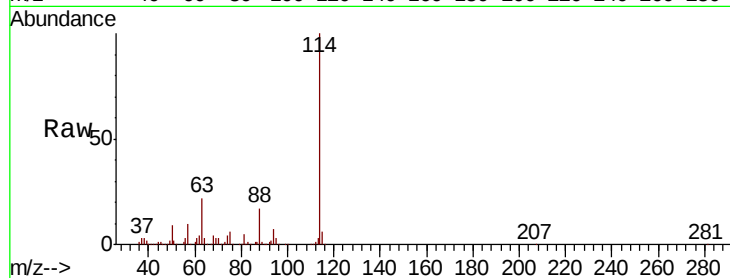




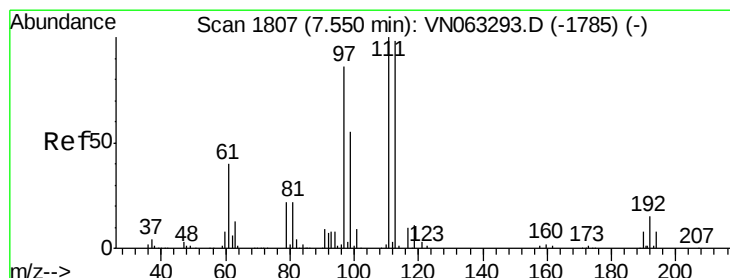
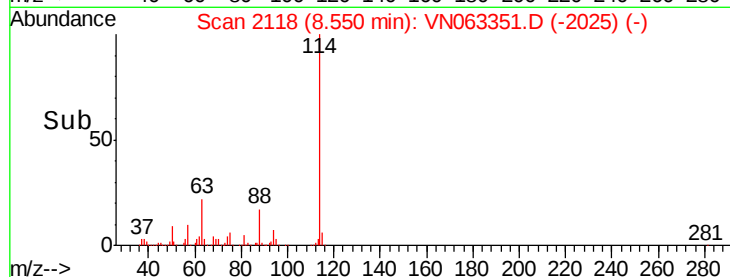
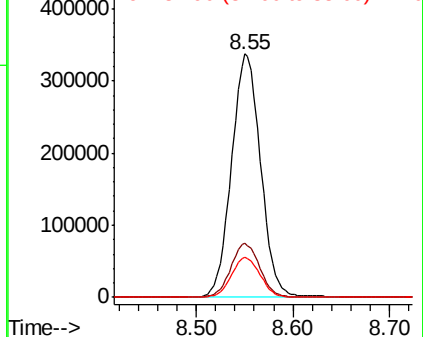
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063351.D
 Acq: 14 Sep 2020 18:54

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ190I-20200909

Tot Ion:114 Resp: 705480
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 46.0
 88 16.5 0.0 32.8

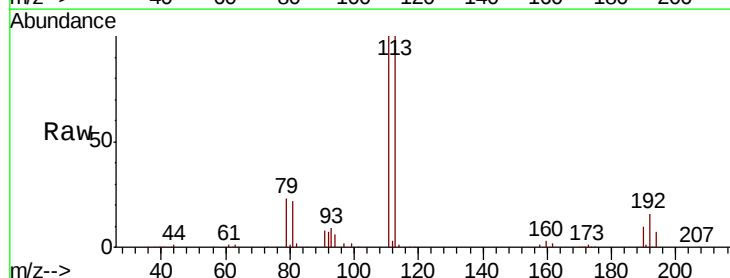


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

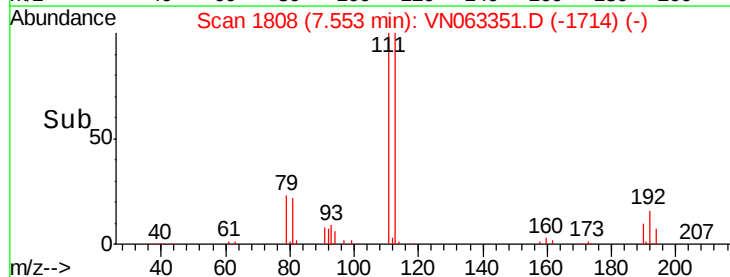
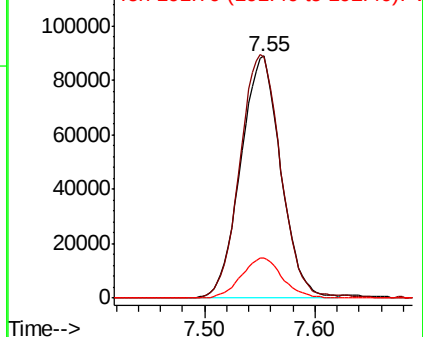


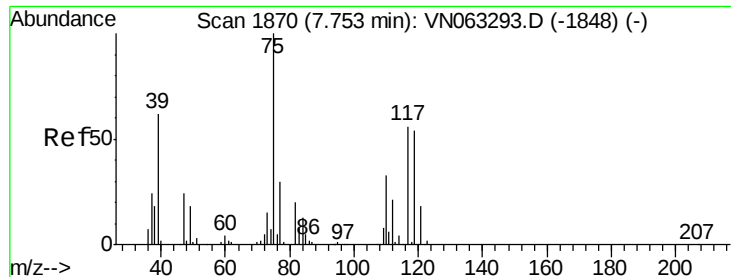
#35
 Dibromofluoromethane
 Concen: 49.382 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: VN063351.D
 Acq: 14 Sep 2020 18:54

Tgt Ion:113 Resp: 224751
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.2
 192 16.8 12.9 19.3



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

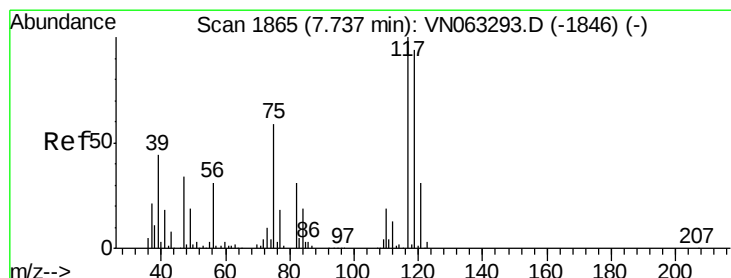
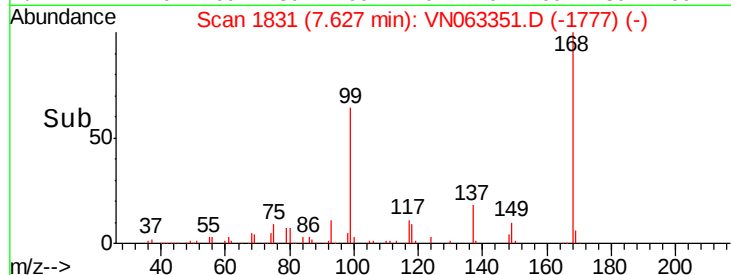
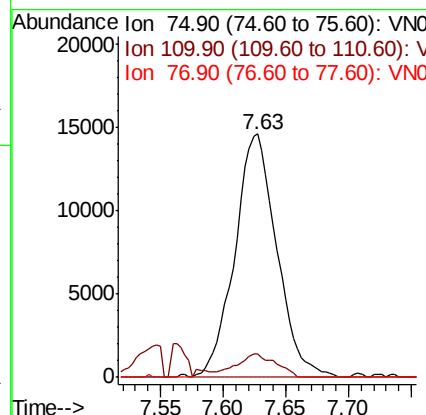
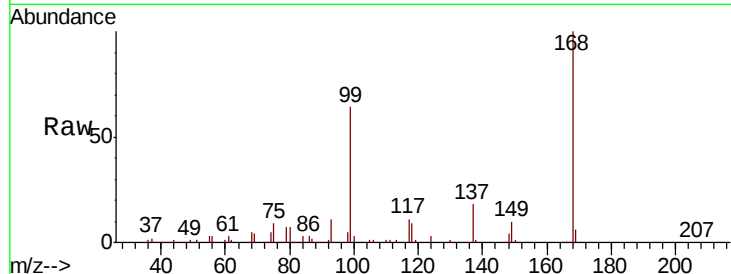




#36
 1,1-Dichloropropene
 Concen: 4.689 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN063351.D
 Acq: 14 Sep 2020 18:54

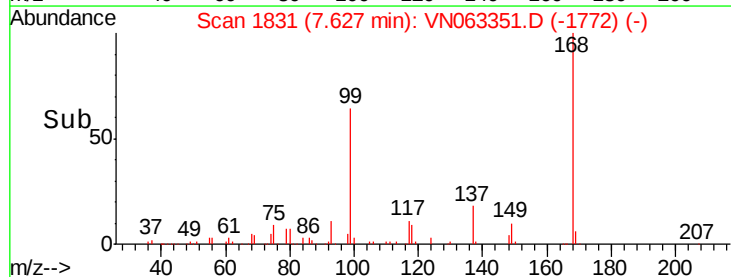
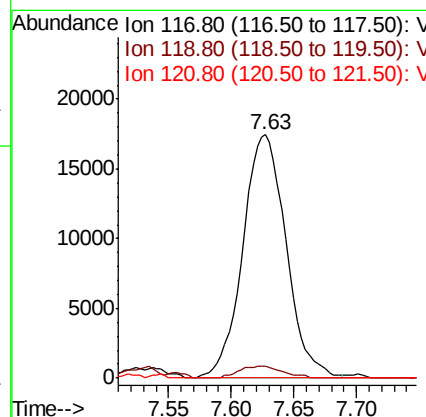
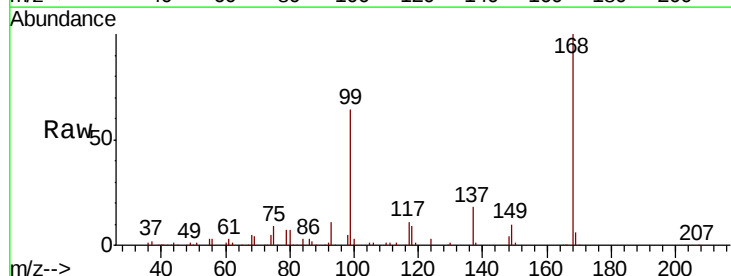
Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ190I-20200909

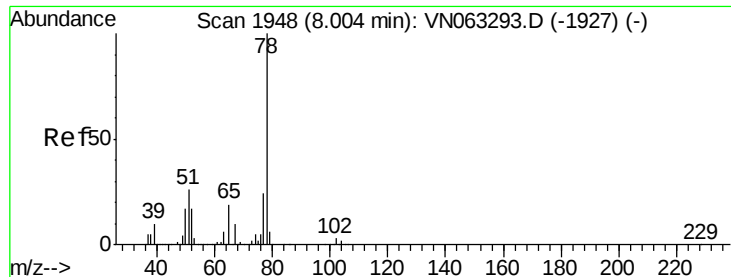
Tot Ion	75	Resp	34001
Ion Ratio	100	Lower	Upper
110	9.1	16.4	49.4#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 5.873 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.11 min
 Lab File: VN063351.D
 Acq: 14 Sep 2020 18:54

Tgt Ion	117	Resp	41913
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
119	4.9	75.3	112.9#
121	0.0	24.6	37.0#





#40

Benzene

Concen: 0.358 ug/l

RT: 8.00 min Scan# 1947

Delta R.T. -0.00 min

Lab File: VN063351.D

Acq: 14 Sep 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

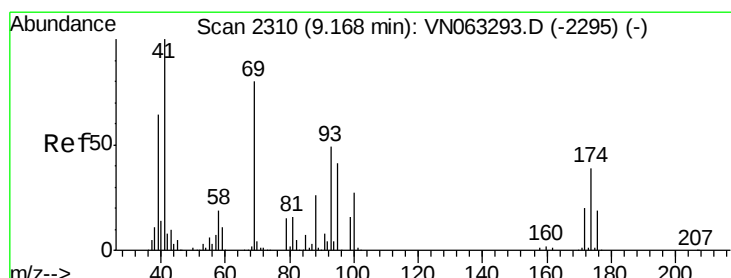
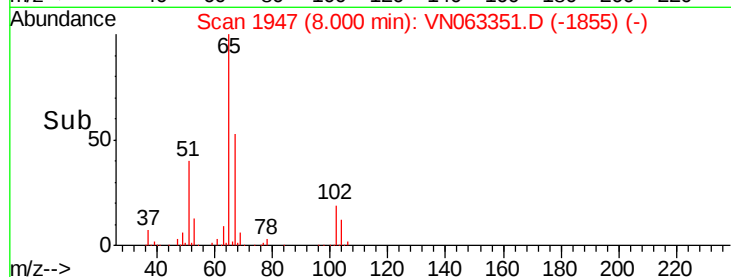
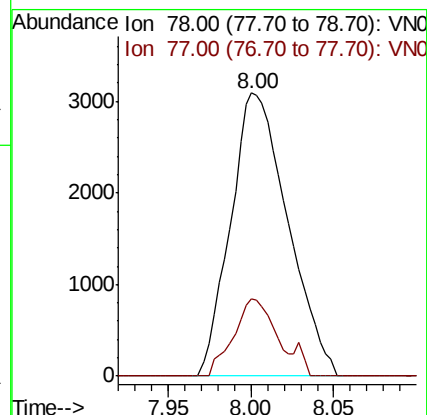
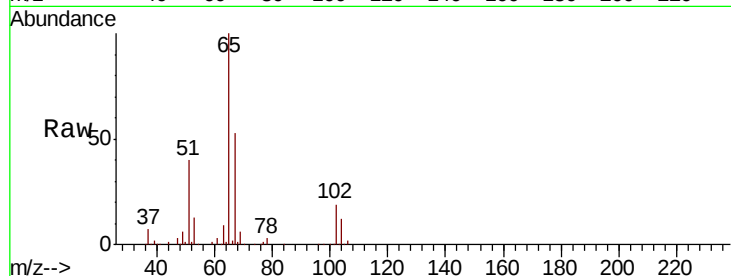
SA-PZ190I-20200909

Tot Ion: 78 Resp: 7407

Ion Ratio Lower Upper

78 100

77 27.4 18.8 28.2



#49

1,4-Dioxane

Concen: 1.681 ug/l

RT: 9.16 min Scan# 2308

Delta R.T. -0.01 min

Lab File: VN063351.D

Acq: 14 Sep 2020 18:54

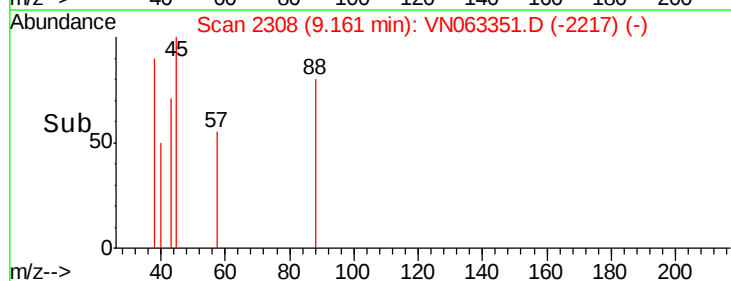
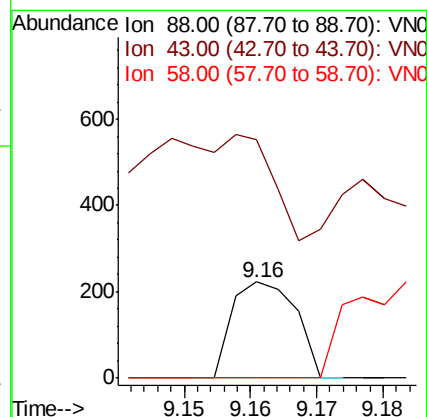
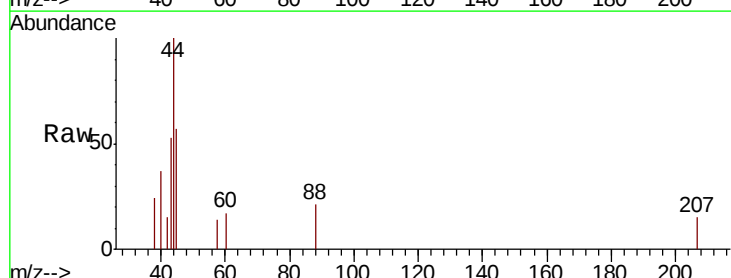
Tgt Ion: 88 Resp: 150

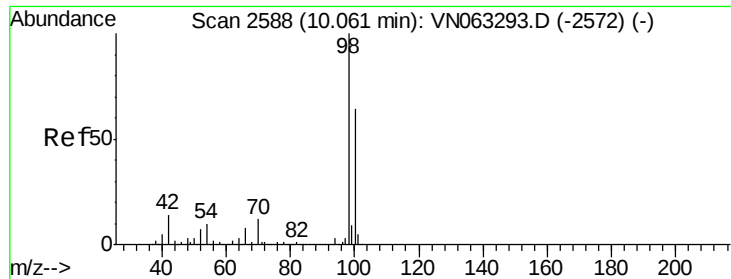
Ion Ratio Lower Upper

88 100

43 178.0 30.5 45.7#

58 0.0 58.9 88.3#





#50

Toluene-d8

Concen: 51.961 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. -0.00 min

Lab File: VN063351.D

Acq: 14 Sep 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

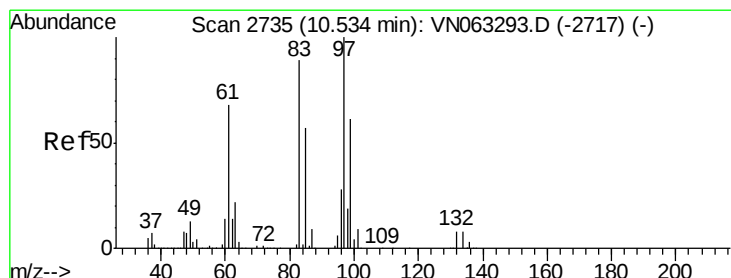
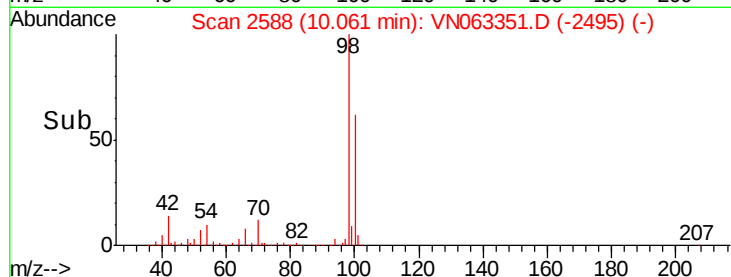
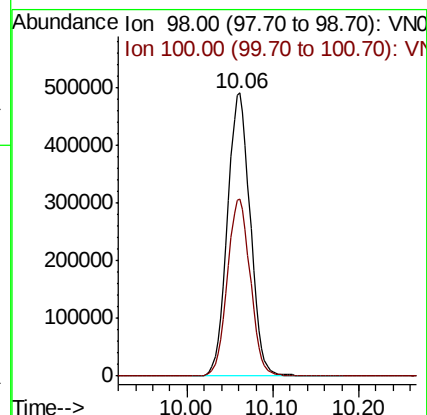
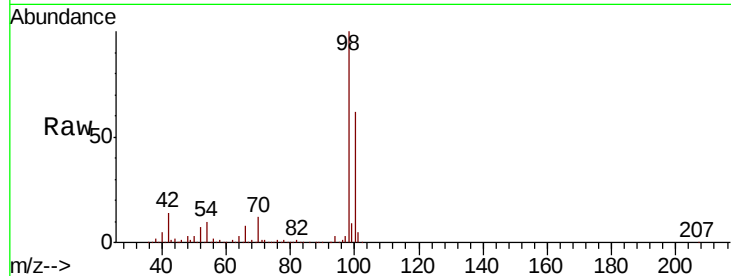
SA-PZ190I-20200909

Tot Ion: 98 Resp: 906269

Ion Ratio Lower Upper

98 100

100 62.7 50.7 76.1



#55

1,1,2-Trichloroethane

Concen: 0.319 ug/l

RT: 10.41 min Scan# 2695

Delta R.T. -0.13 min

Lab File: VN063351.D

Acq: 14 Sep 2020 18:54

Tgt Ion: 97 Resp: 1581

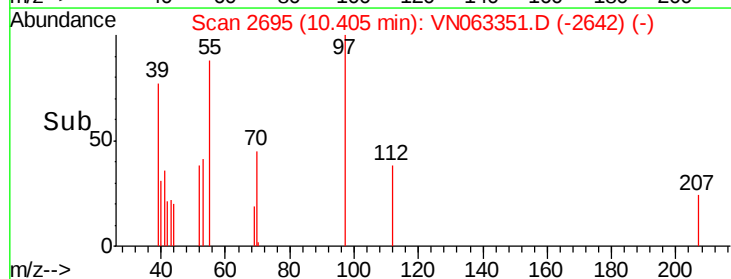
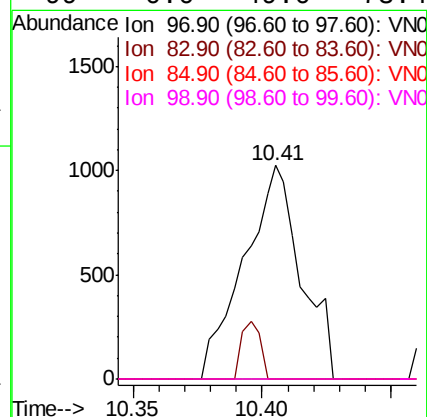
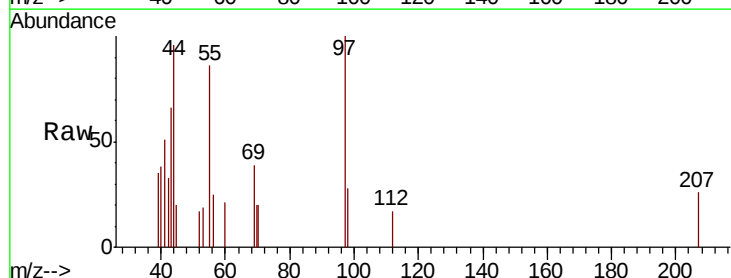
Ion Ratio Lower Upper

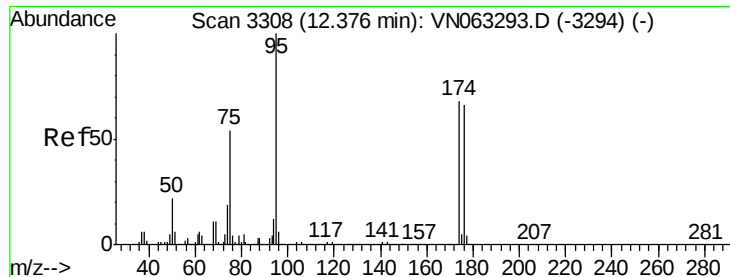
97 100

83 0.0 70.8 106.2#

85 0.0 45.6 68.4#

99 0.0 49.0 73.4#

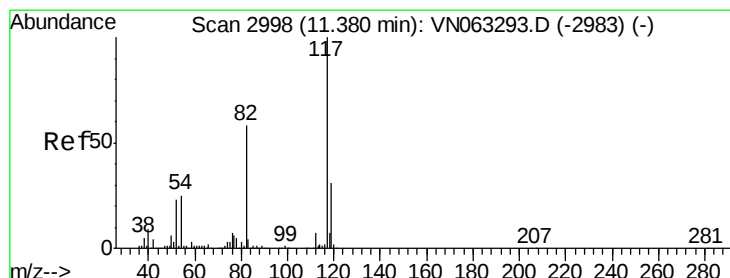
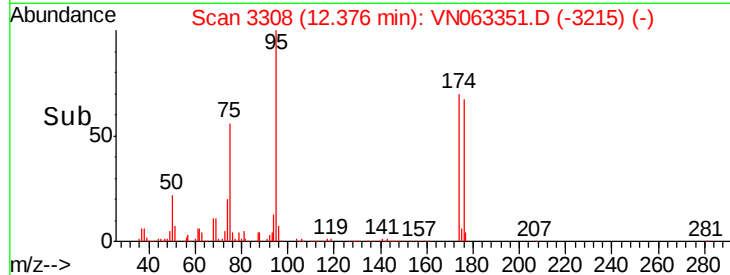
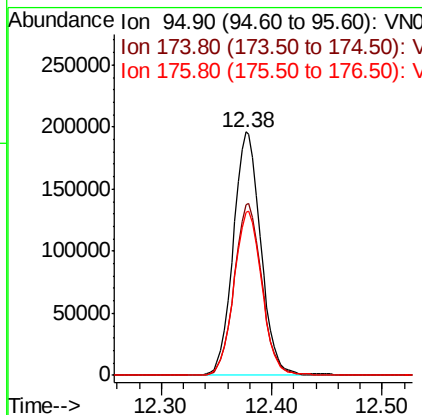
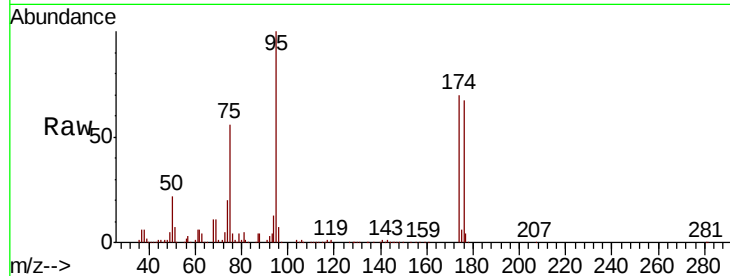




#62
4-Bromofluorobenzene
Concen: 52.583 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063351.D
Acq: 14 Sep 2020 18:54

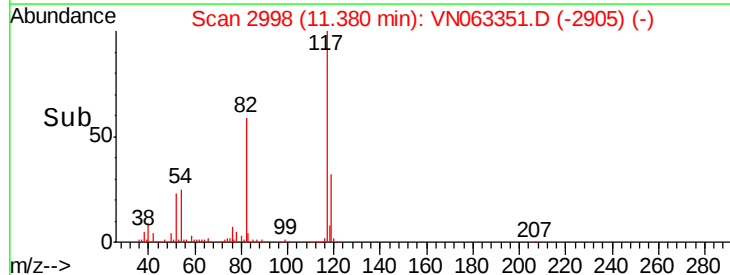
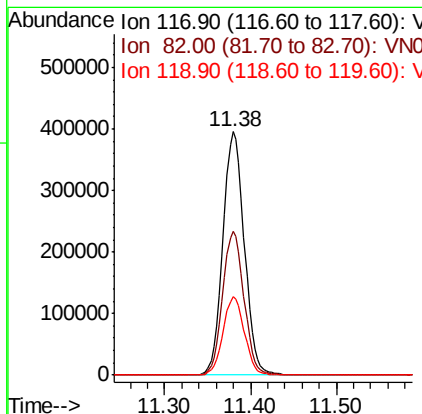
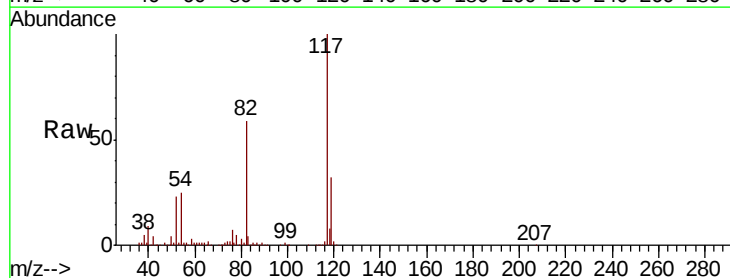
Instrument :
MSVOA_N
ClientSampleId :
SA-PZ190I-20200909

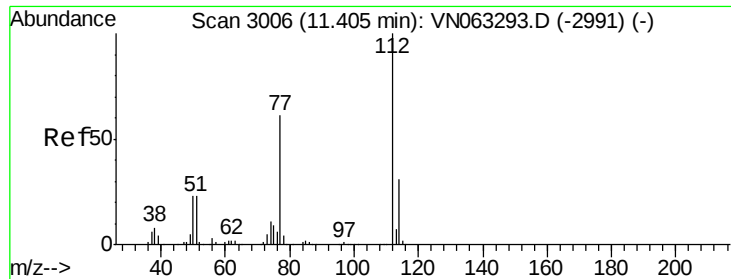
Tot Ion	95	Resp	338741
Ion Ratio	Lower	Upper	
95	100		
174	70.7	0.0	136.6
176	68.6	0.0	132.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063351.D
Acq: 14 Sep 2020 18:54

Tgt Ion	117	Resp	686901
Ion Ratio	Lower	Upper	
117	100		
82	59.1	46.4	69.6
119	32.0	24.8	37.2





#65

Chlorobenzene

Concen: 0.475 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN063351.D

Acq: 14 Sep 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

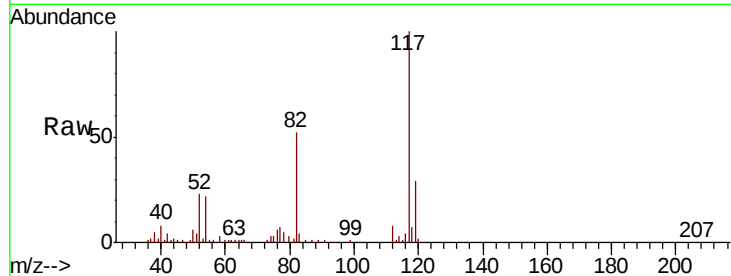
SA-PZ190I-20200909

Tot Ion:112 Resp: 7029

Ion Ratio Lower Upper

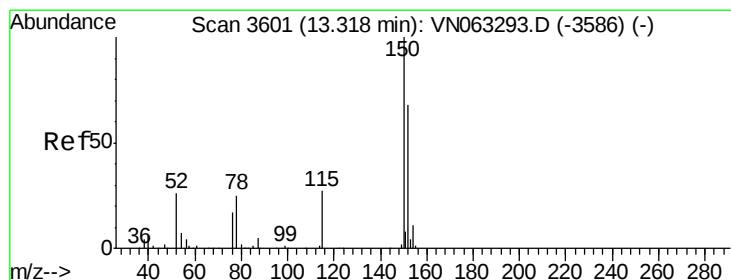
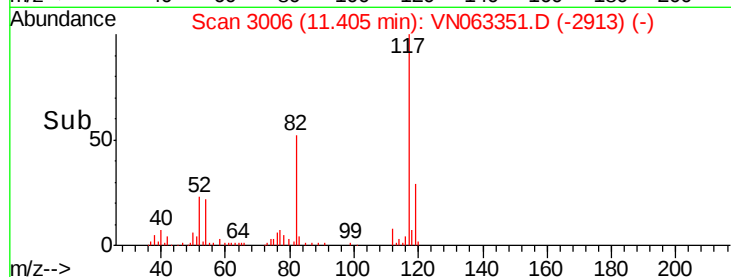
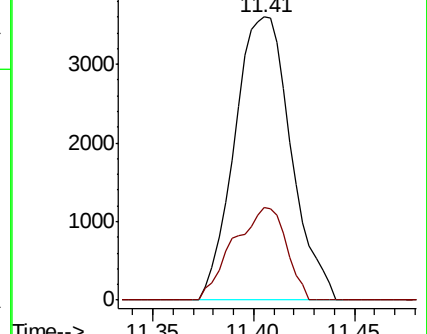
112 100

114 32.5 24.6 36.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063351.D

Acq: 14 Sep 2020 18:54

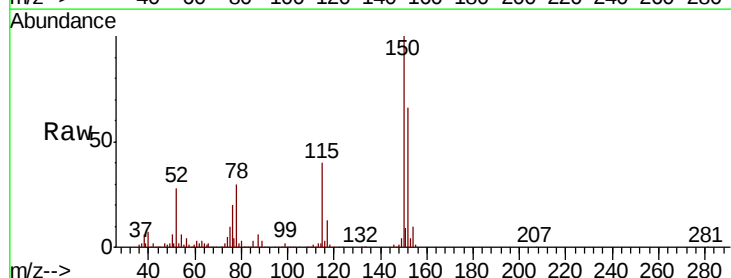
Tgt Ion:152 Resp: 288130

Ion Ratio Lower Upper

152 100

115 61.0 31.5 94.5

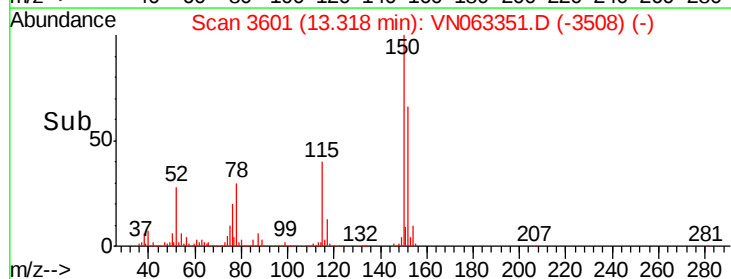
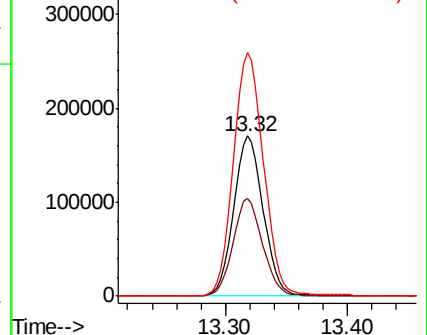
150 154.7 0.0 344.0

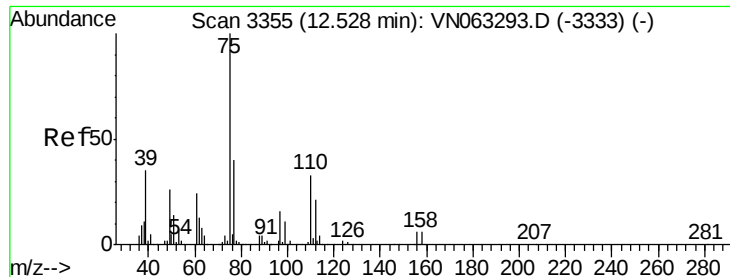


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 28.973 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063351.D

Acq: 14 Sep 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

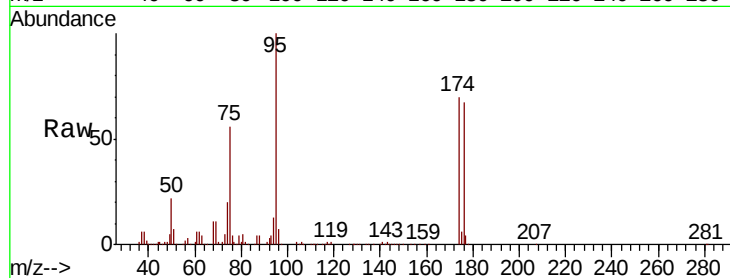
SA-PZ190I-20200909

Tot Ion: 75 Resp: 184166

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.38

120000

100000

80000

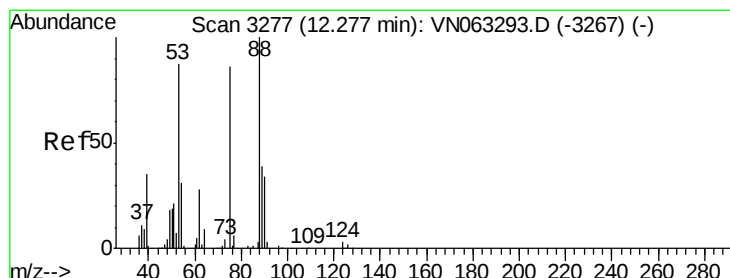
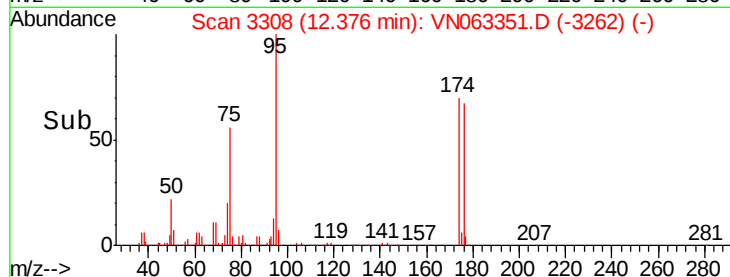
60000

40000

20000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 77.844 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063351.D

Acq: 14 Sep 2020 18:54

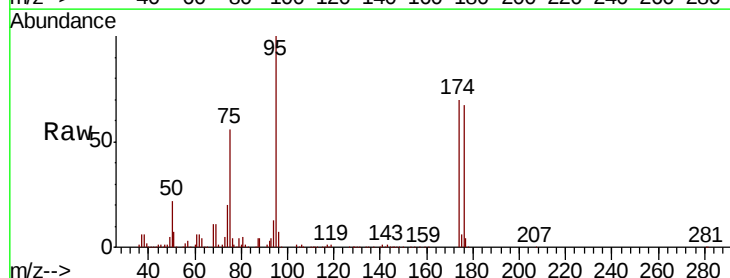
Tgt Ion: 75 Resp: 184166

Ion Ratio Lower Upper

75 100

53 0.0 81.8 122.8#

89 0.0 36.7 55.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

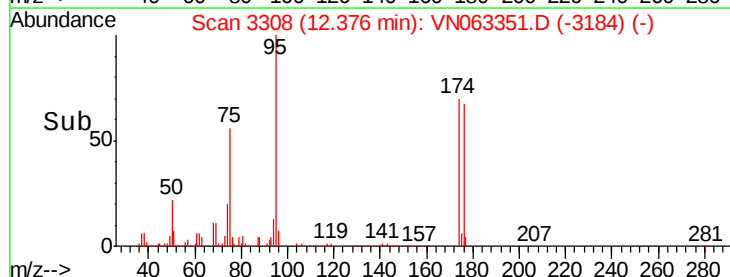
150000

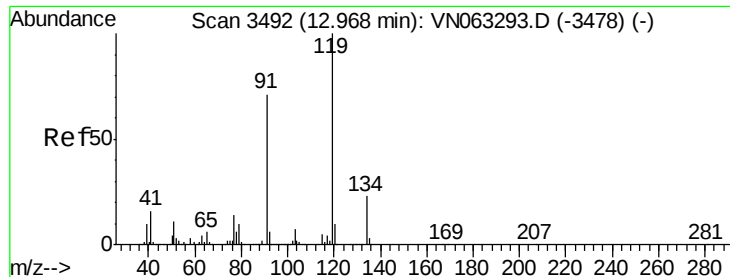
100000

50000

0

Time-->





#83

tert-Butylbenzene

Concen: 0.412 ug/l

RT: 12.97 min Scan# 3493

Delta R.T. 0.00 min

Lab File: VN063351.D

Acq: 14 Sep 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ190I-20200909

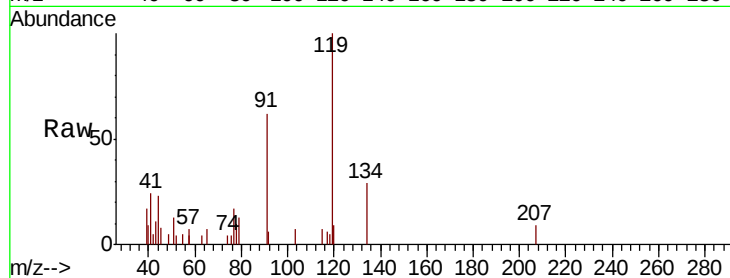
Tot Ion:119 Resp: 6750

Ion Ratio Lower Upper

119 100

91 71.6 34.8 104.3

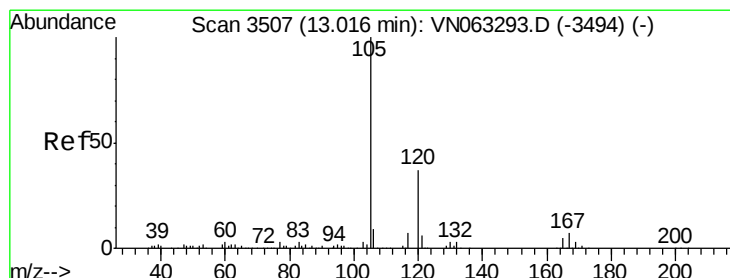
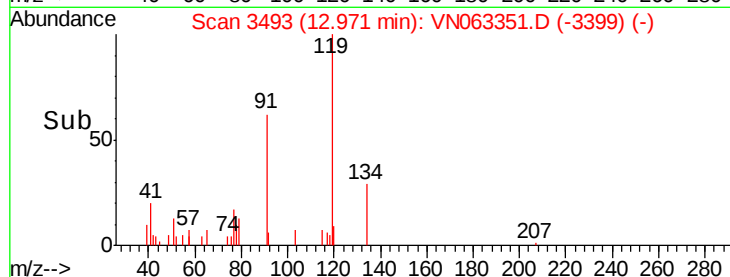
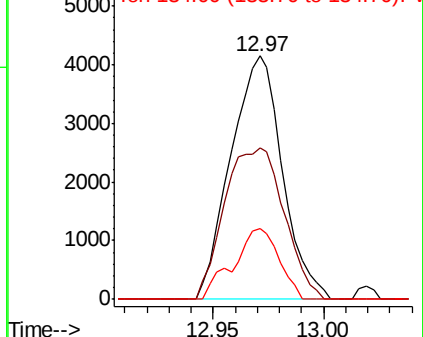
134 25.7 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 1.364 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.13 min

Lab File: VN063351.D

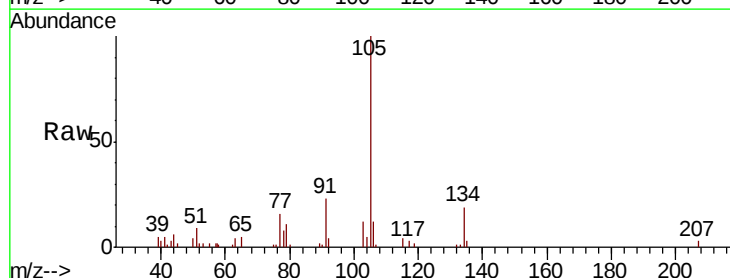
Acq: 14 Sep 2020 18:54

Tgt Ion:105 Resp: 26522

Ion Ratio Lower Upper

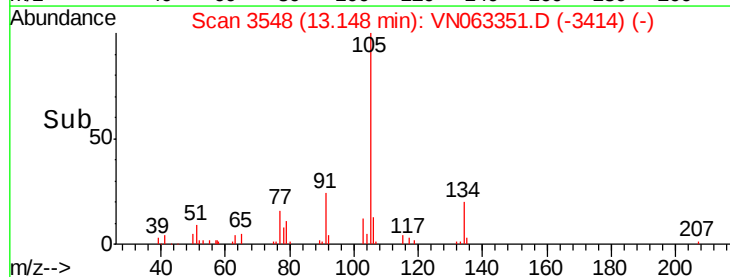
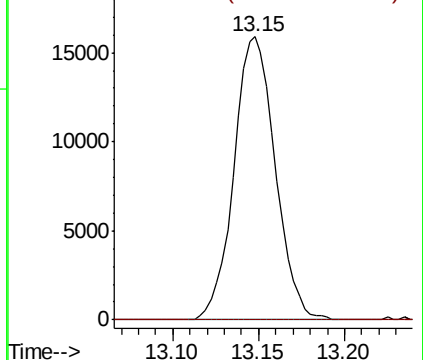
105 100

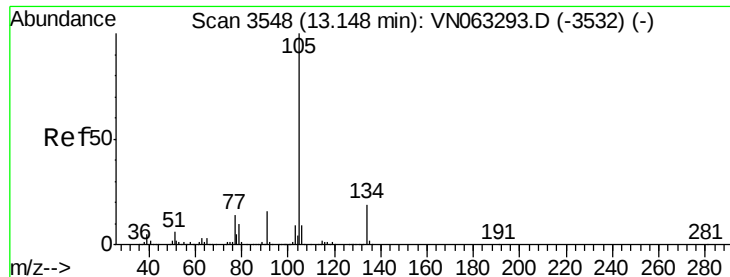
120 0.0 21.8 65.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 1.274 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. -0.00 min

Lab File: VN063351.D

Acq: 14 Sep 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

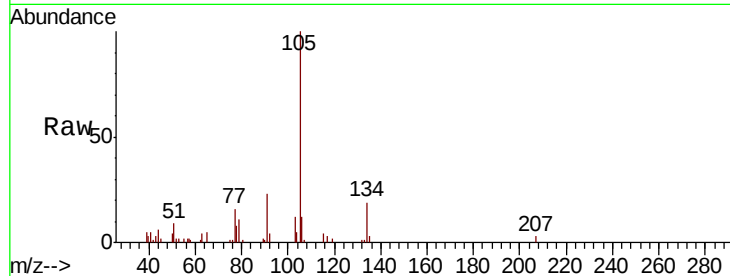
SA-PZ190I-20200909

Tot Ion:105 Resp: 26522

Ion Ratio Lower Upper

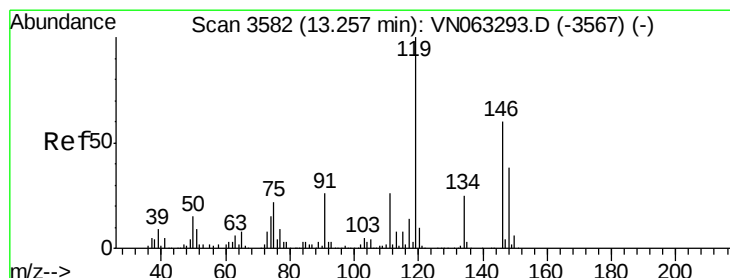
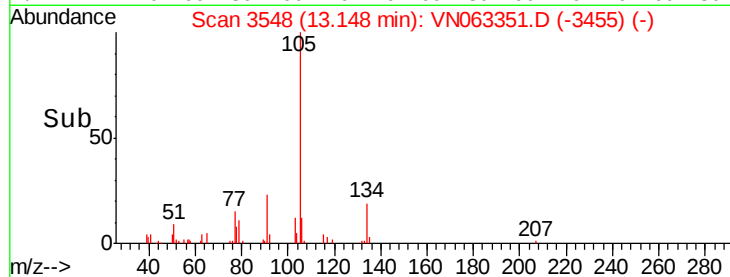
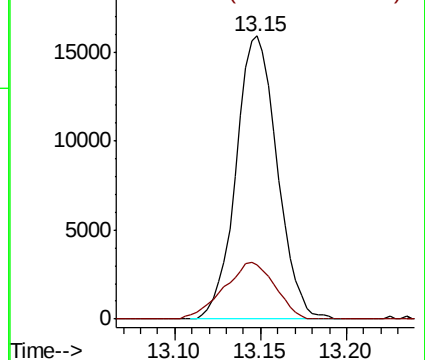
105 100

134 24.9 9.4 28.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#87

1,3-Dichlorobenzene

Concen: 0.488 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN063351.D

Acq: 14 Sep 2020 18:54

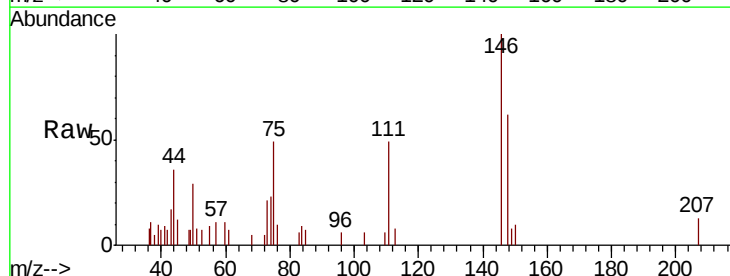
Tgt Ion:146 Resp: 4769

Ion Ratio Lower Upper

146 100

111 44.0 21.8 65.4

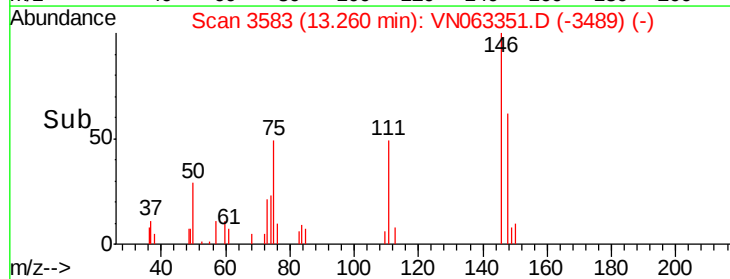
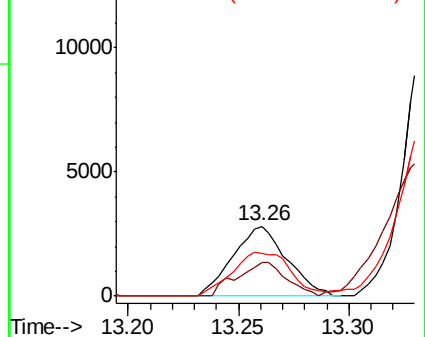
148 68.3 31.8 95.4

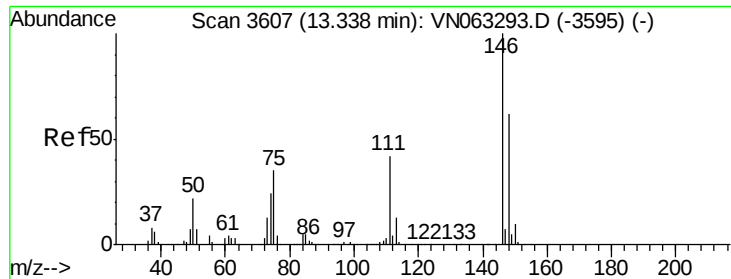


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

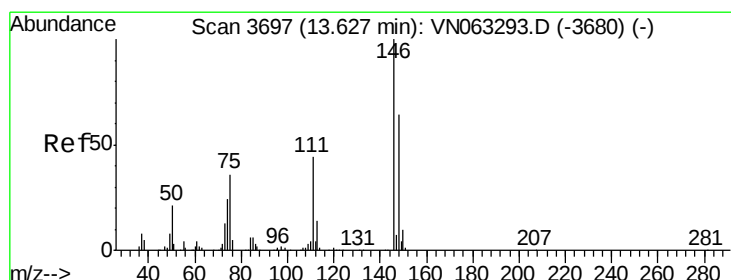
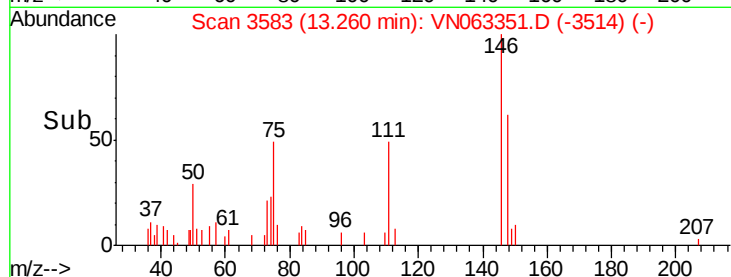
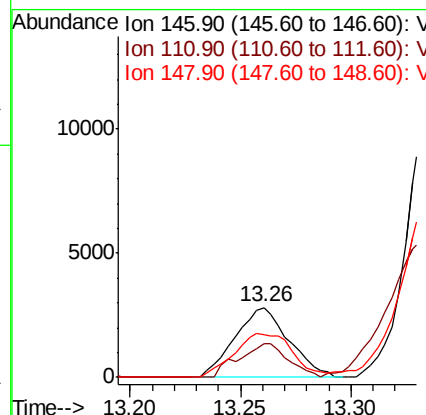
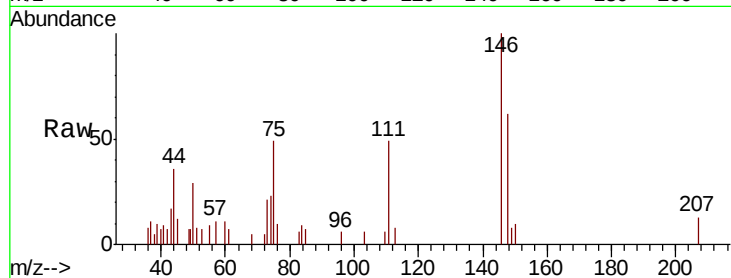




#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 13.26 min Scan# 3583
 Delta R.T. -0.08 min
 Lab File: VN063351.D
 Acq: 14 Sep 2020 18:54

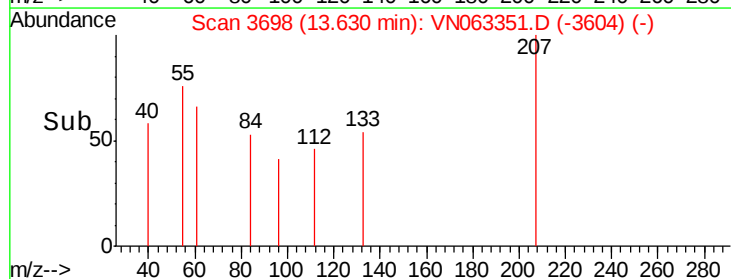
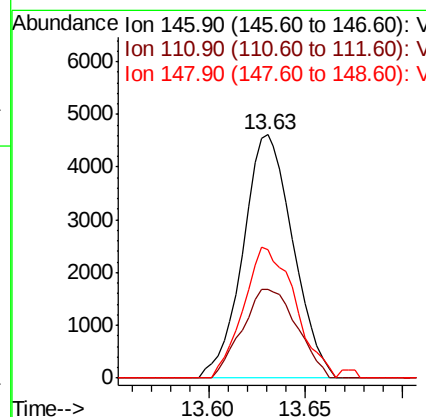
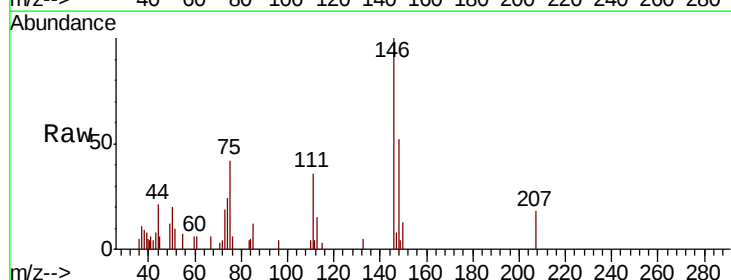
Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ190I-20200909

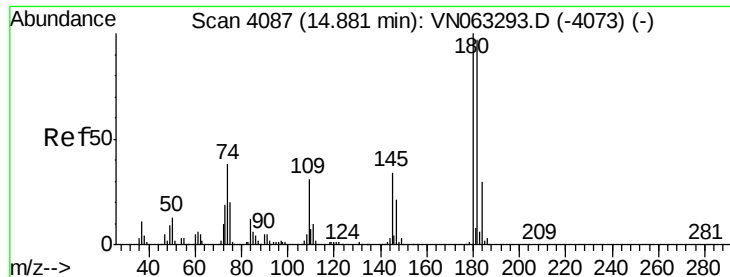
Tot Ion:146 Resp: 4769
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.3 64.0
 148 68.3 31.5 94.5



#91
 1,2-Dichlorobenzene
 Concen: 0.859 ug/l
 RT: 13.63 min Scan# 3698
 Delta R.T. 0.00 min
 Lab File: VN063351.D
 Acq: 14 Sep 2020 18:54

Tgt Ion:146 Resp: 8292
 Ion Ratio Lower Upper
 146 100
 111 39.8 22.1 66.5
 148 55.4 31.8 95.3

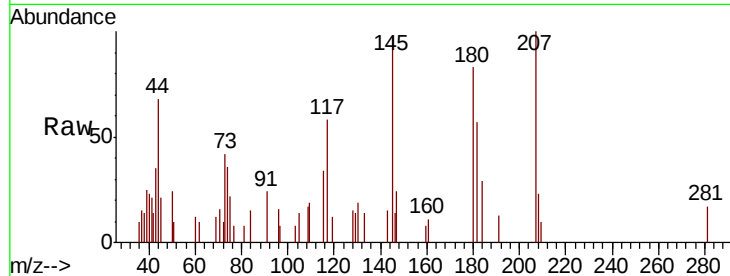




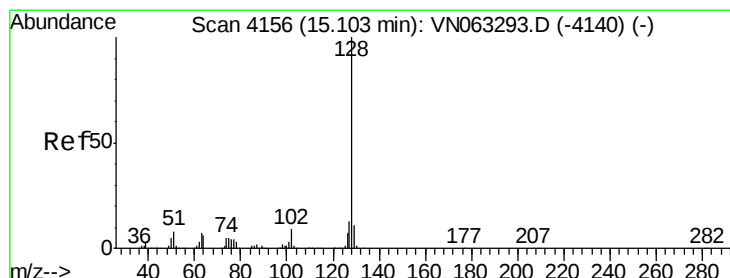
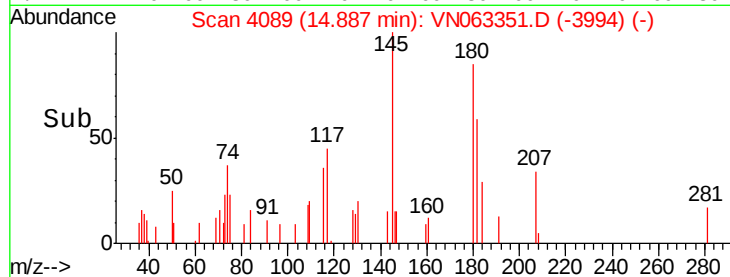
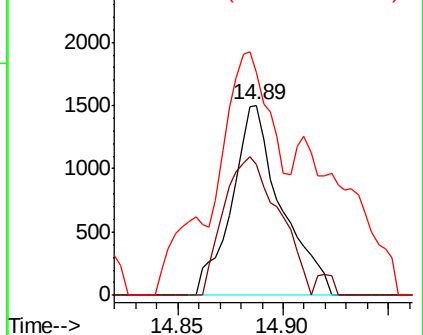
#93
 1,2,4-Trichlorobenzene
 Concen: 0.433 ug/l
 RT: 14.89 min Scan# 4089
 Delta R.T. 0.01 min
 Lab File: VN063351.D
 Acq: 14 Sep 2020 18:54

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ190I-20200909

Tot Ion:180 Resp: 2445
 Ion Ratio Lower Upper
 180 100
 182 81.5 48.0 144.2
 145 132.7 16.6 49.8#

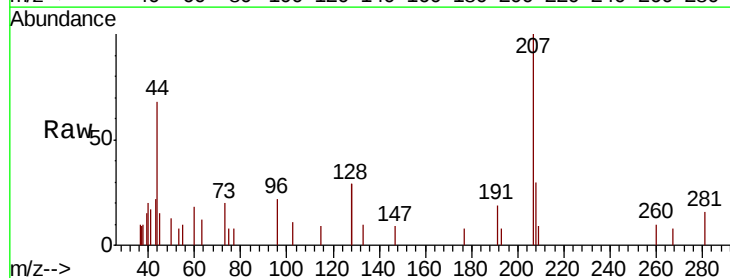


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

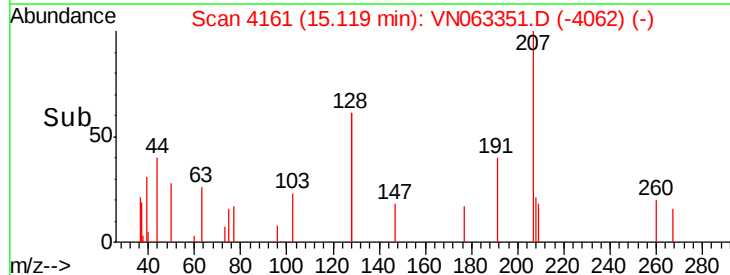
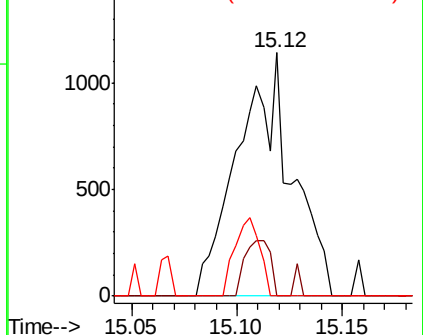


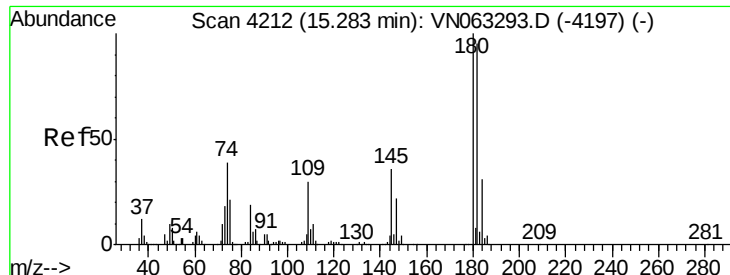
#95
 Naphthalene
 Concen: Below Cal
 RT: 15.12 min Scan# 4161
 Delta R.T. 0.02 min
 Lab File: VN063351.D
 Acq: 14 Sep 2020 18:54

Tgt Ion:128 Resp: 2030
 Ion Ratio Lower Upper
 128 100
 127 1.4 10.3 15.5#
 129 0.0 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: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063351.D

Acq: 14 Sep 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ190I-20200909

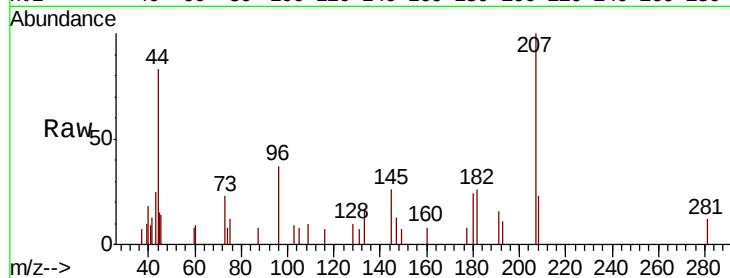
Tot Ion:180 Resp: 896

Ion Ratio Lower Upper

180 100

182 92.0 47.4 142.3

145 283.5 17.2 51.6#



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

