

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063490.D
 Acq On : 21 Sep 2020 16:56
 Operator : JC/MD
 Sample : L4033-02 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20797

Quant Time: Sep 22 02:26:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	251593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	465826	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	465923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	217226	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	197462	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.22%		
35) Dibromofluoromethane	7.55	113	146977	45.58	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.16%		
50) Toluene-d8	10.06	98	594131	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.00%		
62) 4-Bromofluorobenzene	12.38	95	247776	55.74	ug/l	0.00
Spiked Amount 50.000			Recovery =	111.48%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.74	59	3272	5.515	ug/l #	72
13) Acrolein	3.57	56	96	0.437	ug/l #	13
16) Acetone	3.77	43	174099	126.488	ug/l	98
18) Methyl Acetate	4.29	43	6020	1.723	ug/l #	91
19) Methyl tert-butyl Ether	4.99	73	46164	4.363	ug/l	93
20) Methylene Chloride	4.50	84	1422	0.408	ug/l #	76
22) Diisopropyl ether	5.90	45	16024	1.399	ug/l #	81
23) Vinyl Acetate	5.90	43	8208	0.873	ug/l #	75
25) 2-Butanone	6.78	43	107329	50.701	ug/l	99
31) Cyclohexane	7.62	56	7201	1.217	ug/l #	53
36) 1,1-Dichloropropene	7.62	75	22814	4.597	ug/l #	51
37) Ethyl Acetate	6.88	43	922785	189.457	ug/l	98
38) Carbon Tetrachloride	7.62	117	28236	5.574	ug/l #	18
40) Benzene	8.00	78	643869	45.450	ug/l	100
41) Methacrylonitrile	7.15	41	1041	0.475	ug/l #	100
42) 1,2-Dichloroethane	8.01	62	6943	1.219	ug/l	84
48) Methyl methacrylate	9.14	41	4788	1.119	ug/l #	27
51) 4-Methyl-2-Pentanone	9.96	43	5239	1.074	ug/l #	56
52) Toluene	10.13	92	572946	67.267	ug/l	99
53) t-1,3-Dichloropropene	10.13	75	7269	1.236	ug/l #	1
59) 2-Hexanone	10.73	43	3285	0.930	ug/l	85
67) Ethyl Benzene	11.49	91	52639	2.826	ug/l	98
68) m/p-Xylenes	11.59	106	70187	10.452	ug/l	97
69) o-Xylene	11.92	106	53685	8.392	ug/l	100
70) Styrene	11.92	104	4959	0.462	ug/l #	1
74) N-amyl acetate	12.00	43	2410	0.292	ug/l #	47
76) 1,2,3-Trichloropropane	12.37	75	136852	25.453	ug/l #	100
78) n-propylbenzene	12.57	91	4560	0.225	ug/l	97
79) 2-Chlorotoluene	12.63	91	4427	0.364	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.71	105	9243	0.637	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.37	75	136852	69.783	ug/l #	7
83) tert-Butylbenzene	13.02	119	7211	0.602	ug/l #	59
84) 1,2,4-Trimethylbenzene	13.01	105	66791	4.555	ug/l	97
85) sec-Butylbenzene	13.01	105	66791	4.165	ug/l #	59

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QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

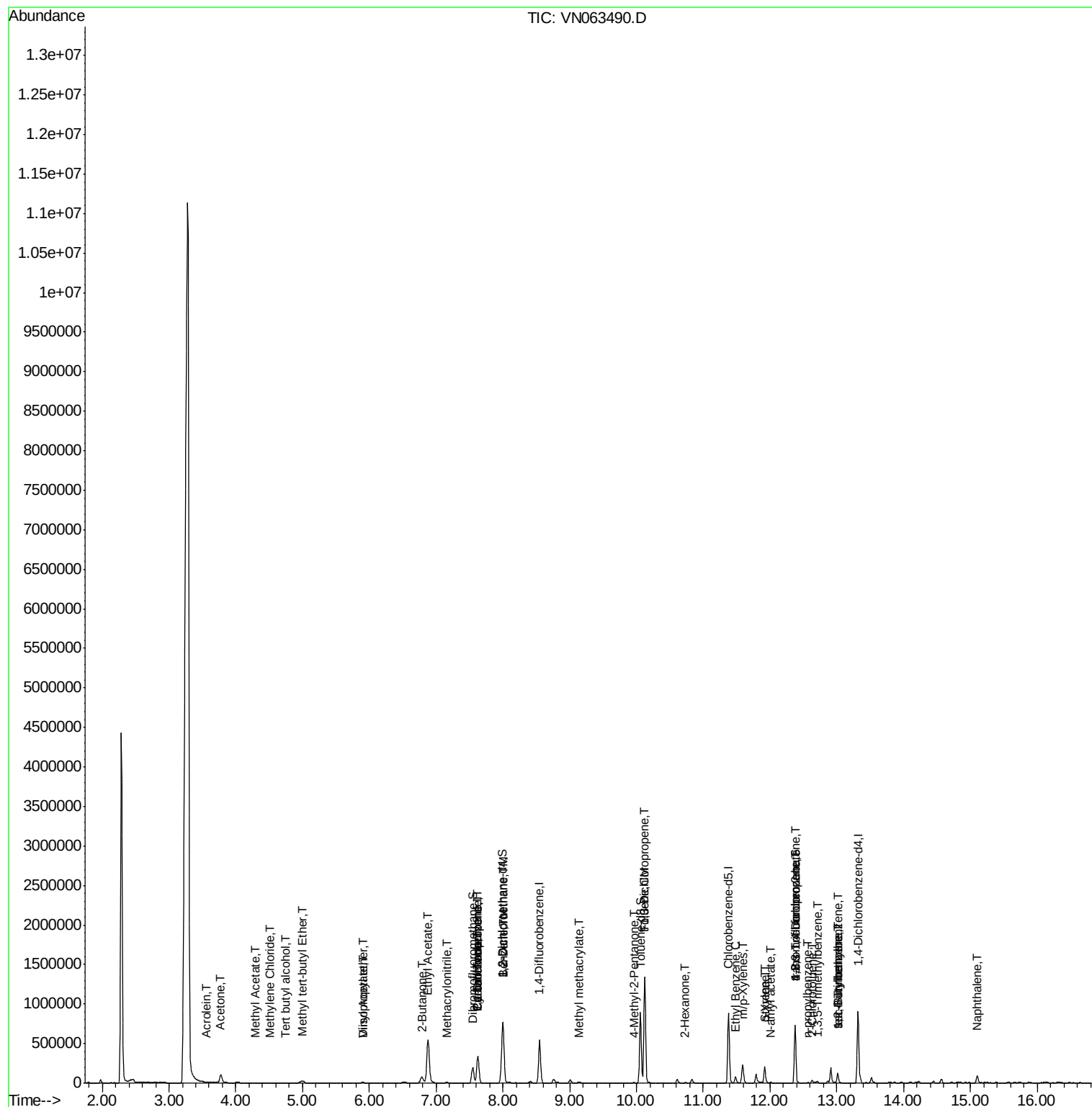
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.10	128	76668	5.524	ug/l	99

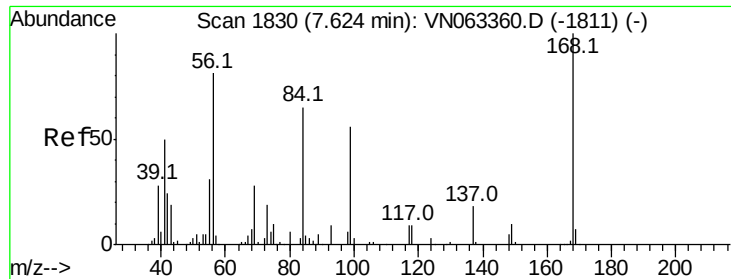
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN063490.D

Acq: 21 Sep 2020 16:56

Instrument :

MSVOA_N

ClientSampled :

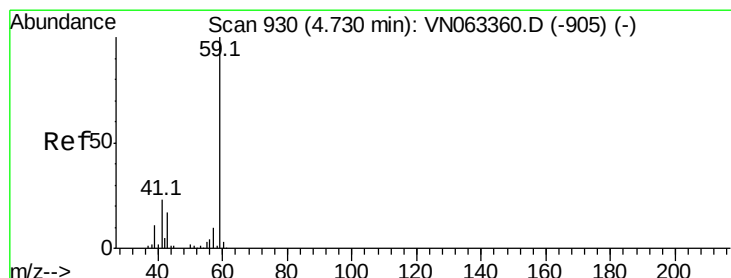
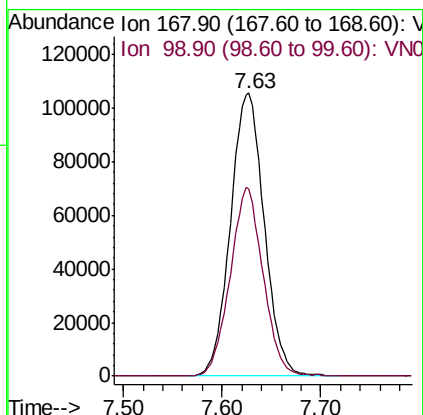
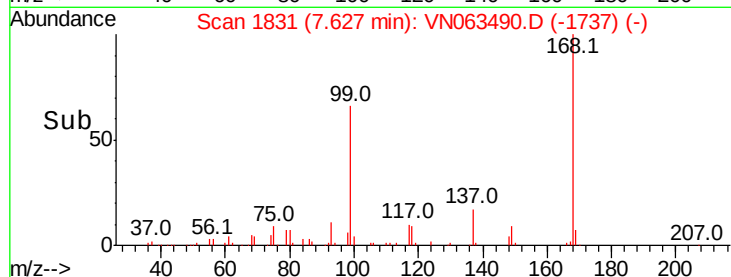
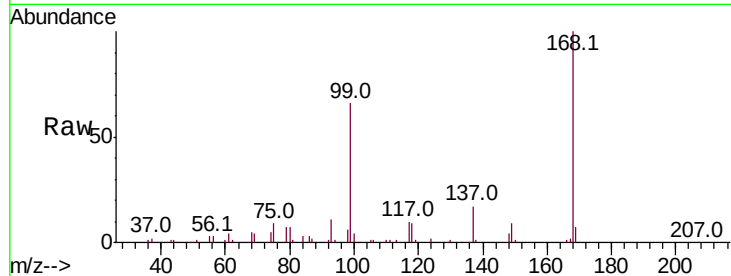
20797

Tot Ion:168 Resp: 251593

Ion Ratio Lower Upper

168 100

99 66.3 53.0 79.6



#11

Tert butyl alcohol

Concen: 5.515 ug/l

RT: 4.74 min Scan# 932

Delta R.T. 0.01 min

Lab File: VN063490.D

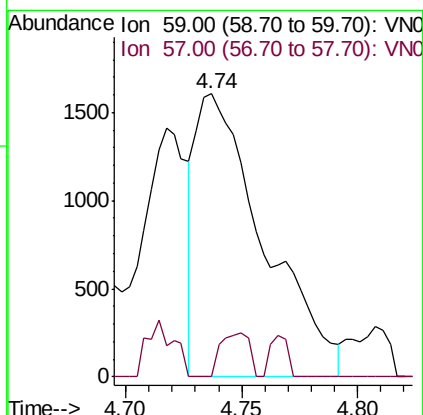
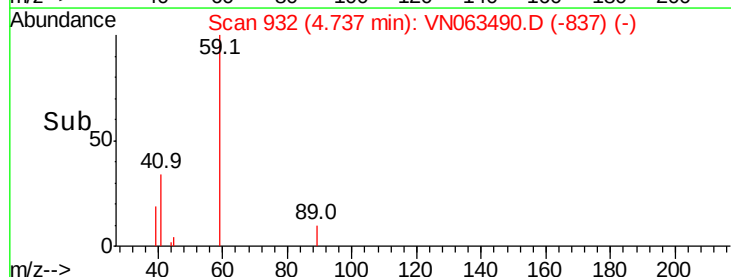
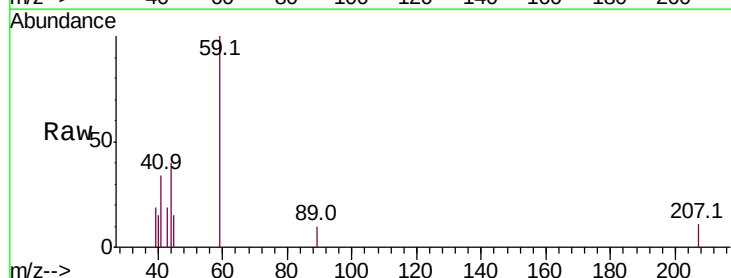
Acq: 21 Sep 2020 16:56

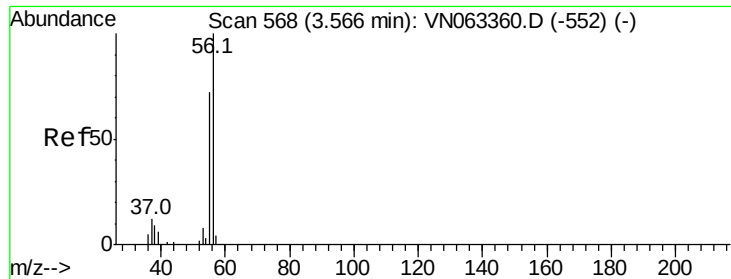
Tgt Ion: 59 Resp: 3272

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#





#13

Acrolein

Concen: 0.437 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063490.D

Acq: 21 Sep 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

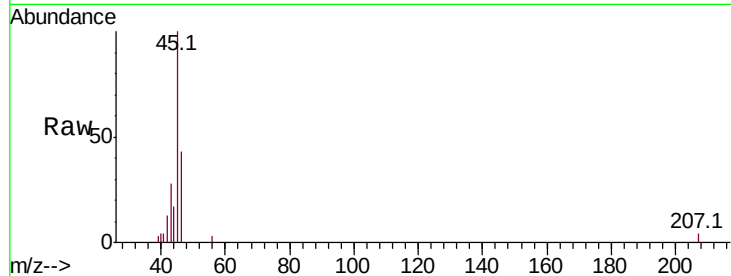
20797

Tot Ion: 56 Resp: 96

Ion Ratio Lower Upper

56 100

55 0.0 58.2 87.2#



Abundance Ion 56.00 (55.70 to 56.70): VN063360.D (-552) (-)

Ion 55.00 (54.70 to 55.70): VN063360.D (-552) (-)

3.57

200

150

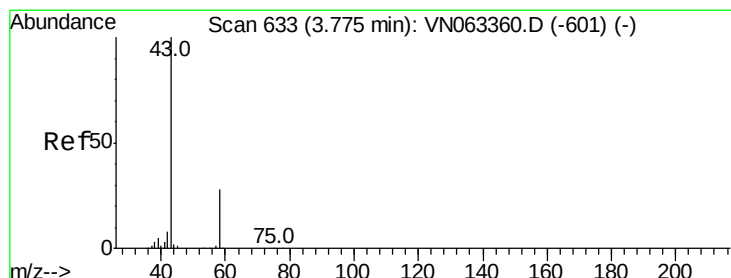
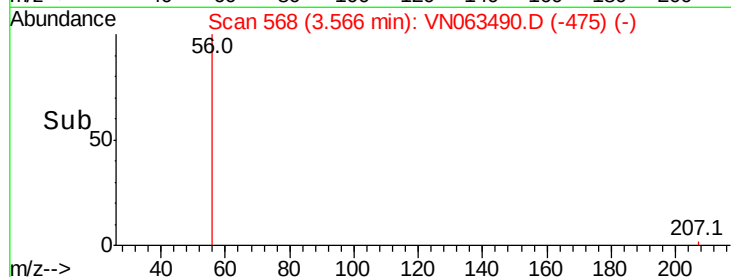
100

50

0

3.55 3.56 3.57 3.58

Time-->



#16

Acetone

Concen: 126.488 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063490.D

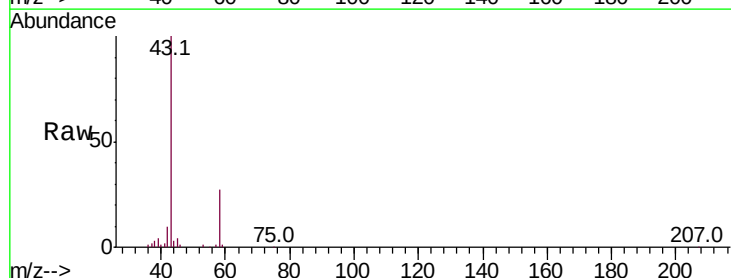
Acq: 21 Sep 2020 16:56

Tgt Ion: 43 Resp: 174099

Ion Ratio Lower Upper

43 100

58 26.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-601) (-)

3.77

80000

60000

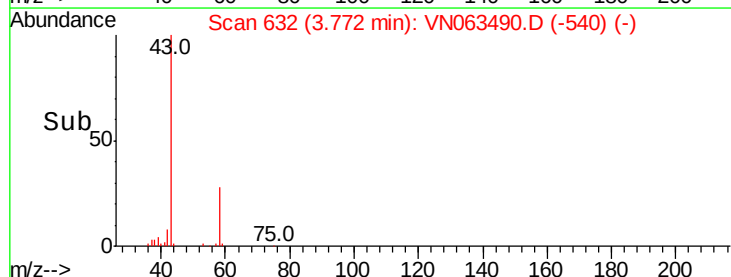
40000

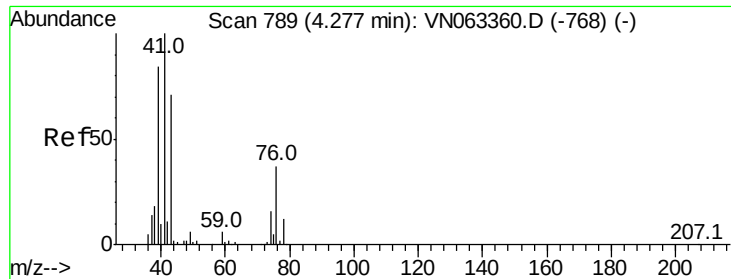
20000

0

3.70 3.75 3.80 3.85 3.90

Time-->

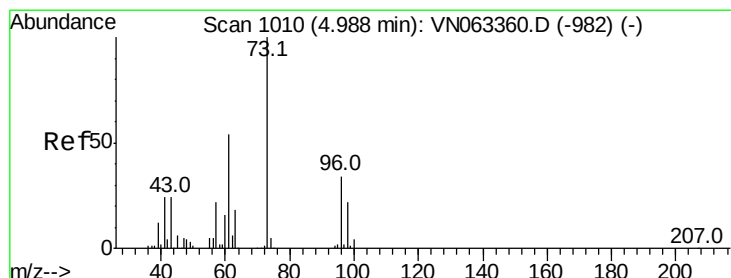
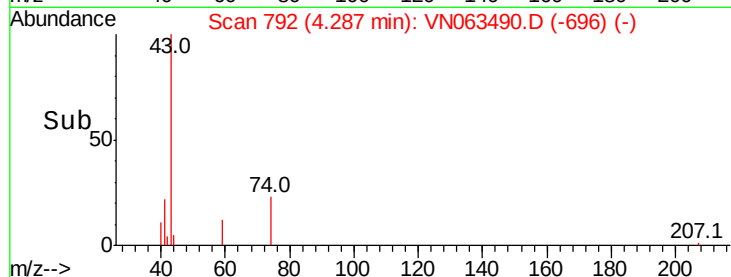
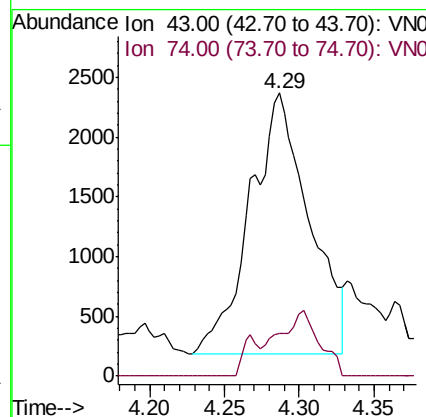
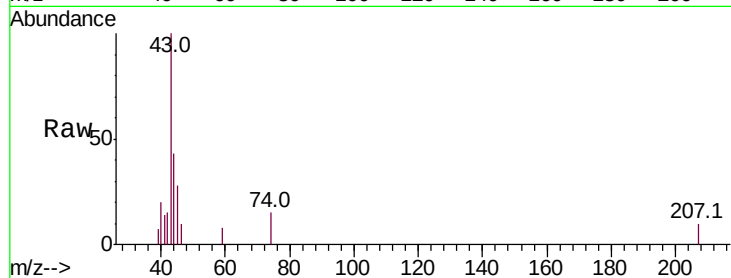




#18
Methyl Acetate
Concen: 1.723 ug/l
RT: 4.29 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN063490.D
Acq: 21 Sep 2020 16:56

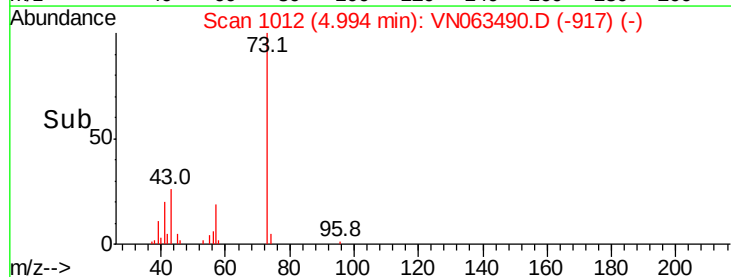
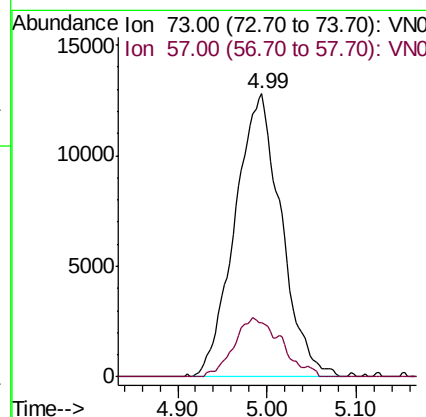
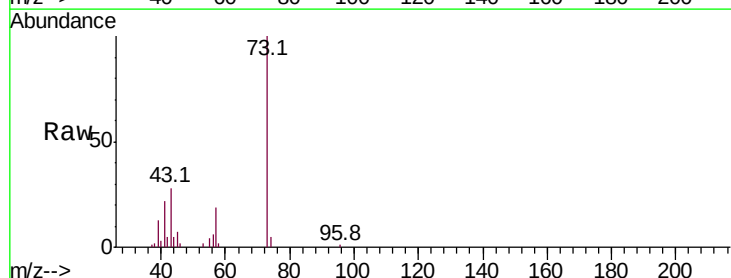
Instrument :
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ClientSampled :
20797

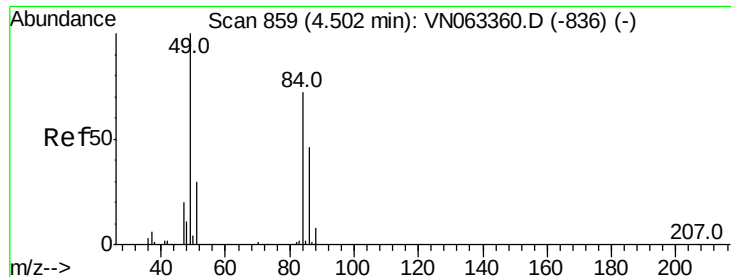
Tot Ion: 43 Resp: 6020
Ion Ratio Lower Upper
43 100
74 17.3 17.4 26.2#



#19
Methyl tert-butyl Ether
Concen: 4.363 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN063490.D
Acq: 21 Sep 2020 16:56

Tgt Ion: 73 Resp: 46164
Ion Ratio Lower Upper
73 100
57 19.2 17.9 26.9





#20

Methylene Chloride

Concen: 0.408 ug/l

RT: 4.50 min Scan# 859

Delta R.T. 0.00 min

Lab File: VN063490.D

Acq: 21 Sep 2020 16:56

Instrument :

MSVOA_N

ClientSampled :

20797

Tot Ion: 84 Resp: 1422

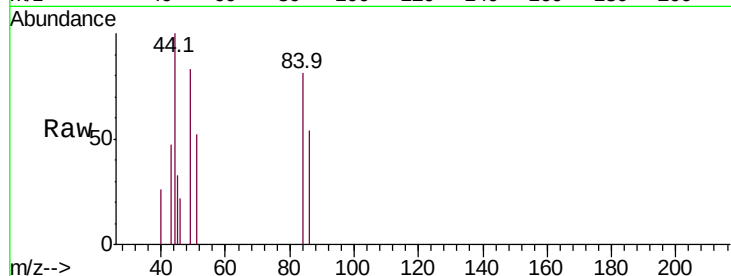
Ion Ratio Lower Upper

84 100

49 102.3 110.7 166.1#

51 64.8 32.9 49.3#

86 66.4 51.1 76.7

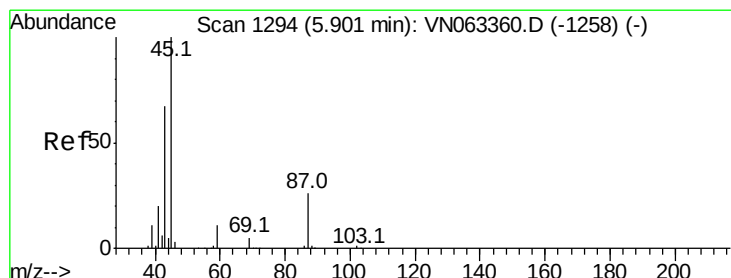
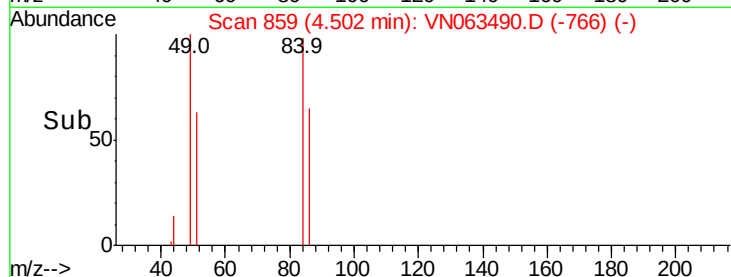
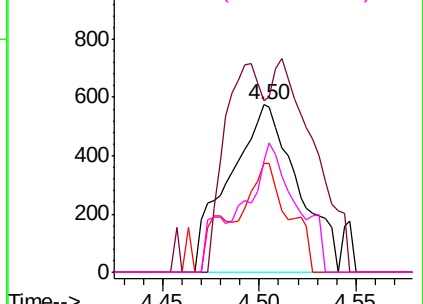


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#22

Diisopropyl ether

Concen: 1.399 ug/l

RT: 5.90 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VN063490.D

Acq: 21 Sep 2020 16:56

Tgt Ion: 45 Resp: 16024

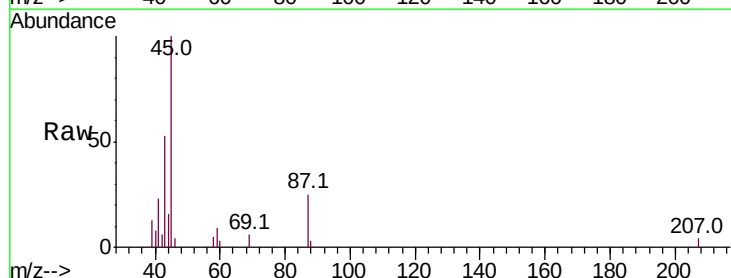
Ion Ratio Lower Upper

45 100

43 45.7 53.5 80.3#

87 24.7 21.2 31.8

59 8.6 8.8 13.2#

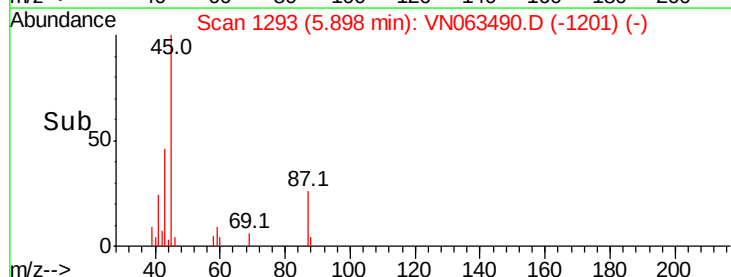
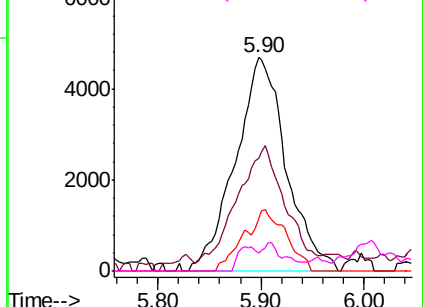


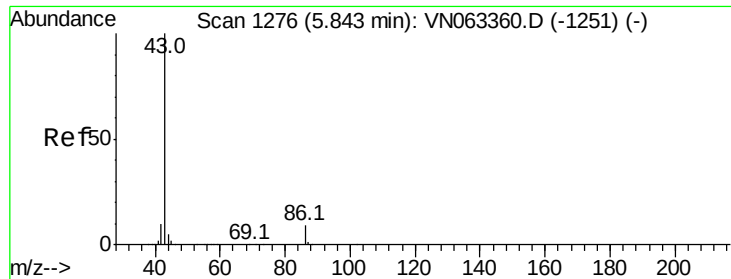
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

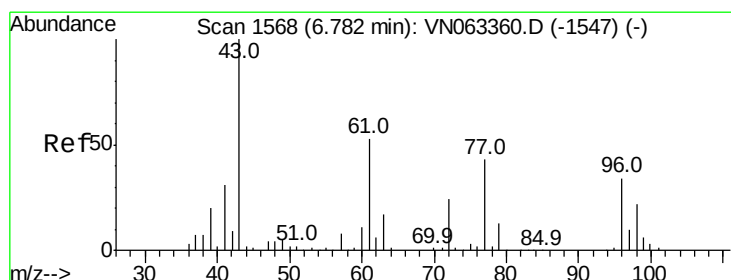
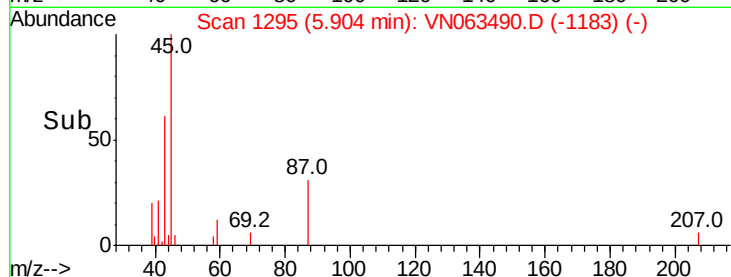
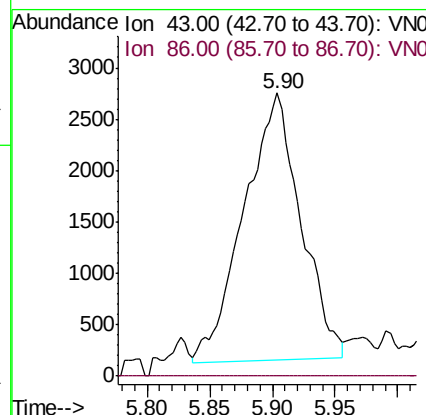
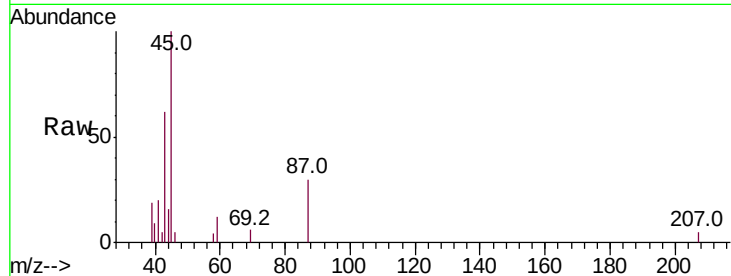




#23
 Vinyl Acetate
 Concen: 0.873 ug/l
 RT: 5.90 min Scan# 1295
 Delta R.T. 0.06 min
 Lab File: VN063490.D
 Acq: 21 Sep 2020 16:56

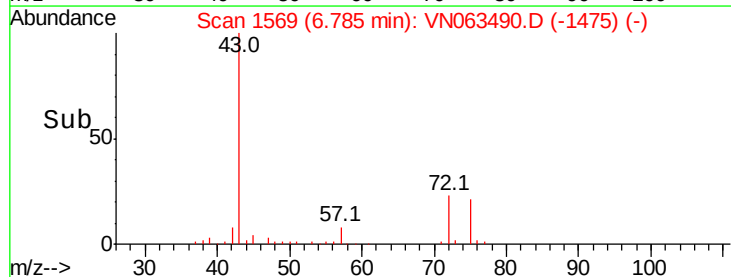
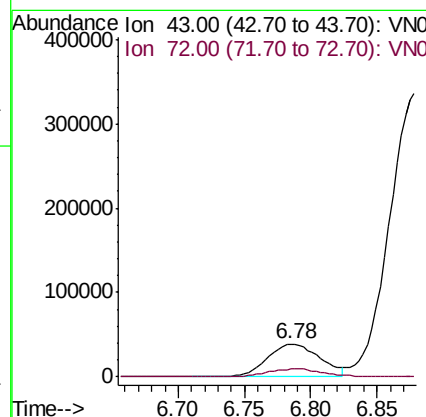
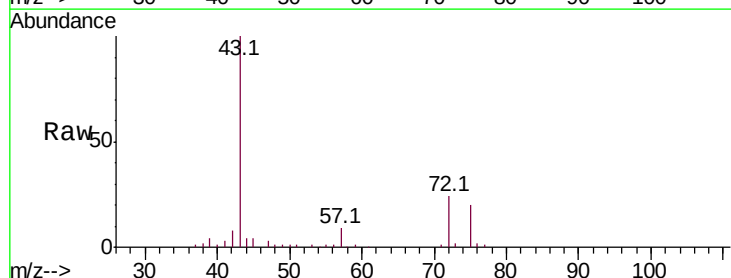
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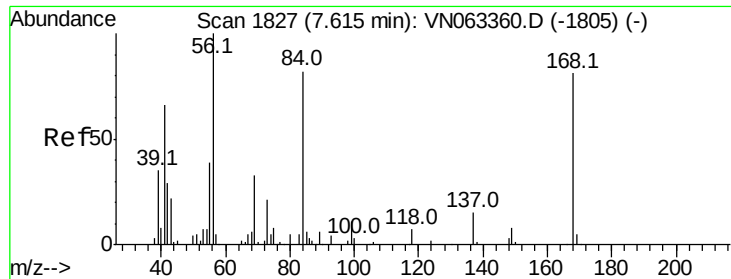
Tot Ion: 43 Resp: 8208
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.1 10.7#



#25
 2-Butanone
 Concen: 50.701 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VN063490.D
 Acq: 21 Sep 2020 16:56

Tgt Ion: 43 Resp: 107329
 Ion Ratio Lower Upper
 43 100
 72 24.3 19.2 28.8

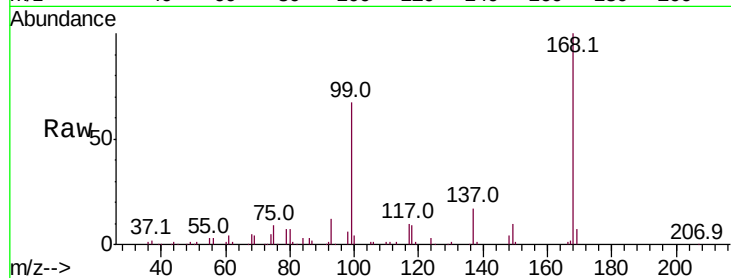




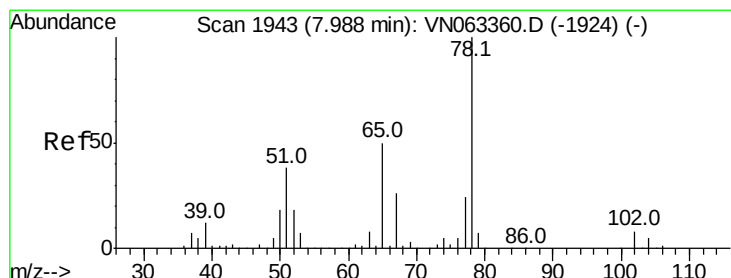
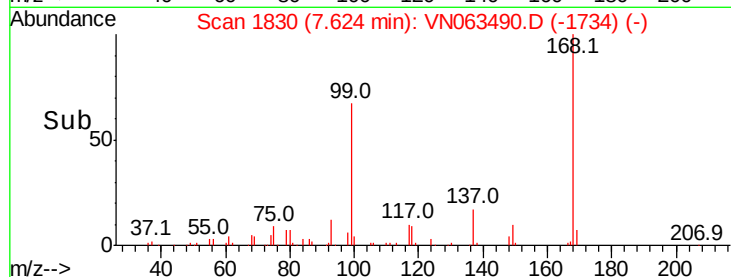
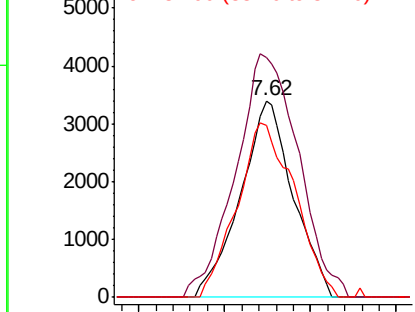
#31
Cyclohexane
Concen: 1.217 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN063490.D
Acq: 21 Sep 2020 16:56

Instrument :
MSVOA_N
ClientSampled :
20797

Tot Ion: 56 Resp: 7201
Ion Ratio Lower Upper
56 100
69 116.2 26.1 39.1#
84 87.3 65.4 98.2

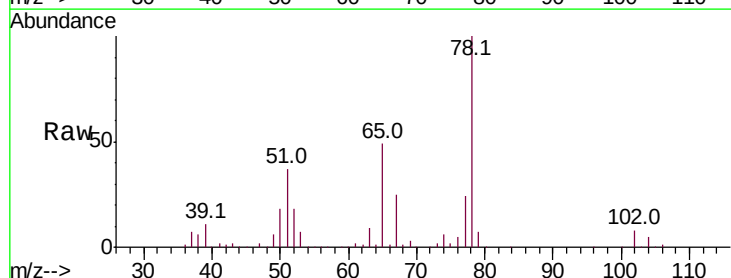


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

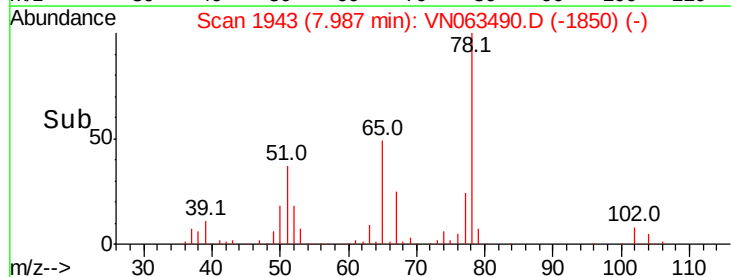
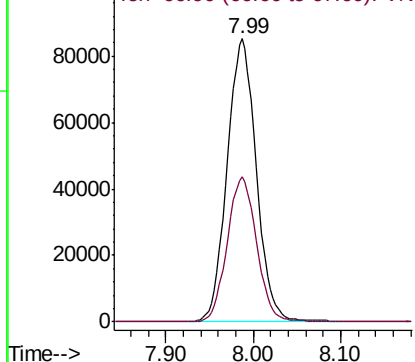


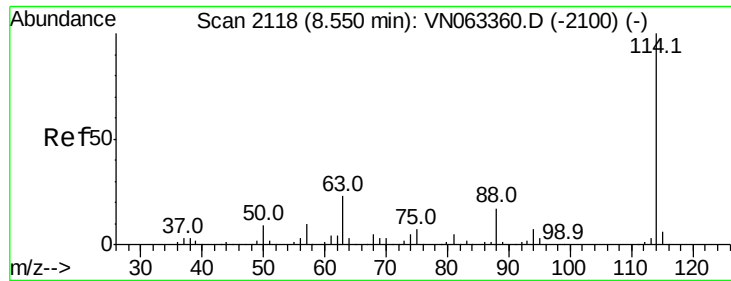
#33
1,2-Dichloroethane-d4
Concen: 46.106 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN063490.D
Acq: 21 Sep 2020 16:56

Tgt Ion: 65 Resp: 197462
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

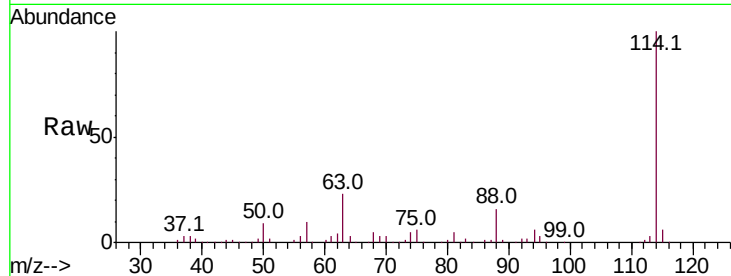




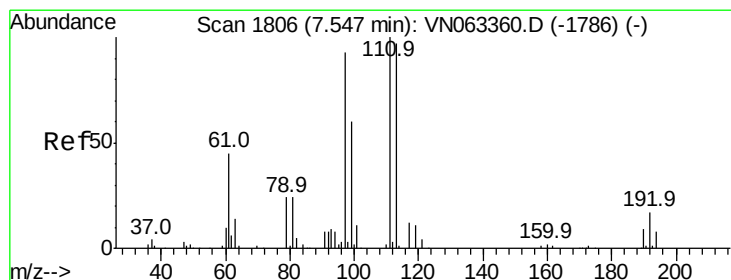
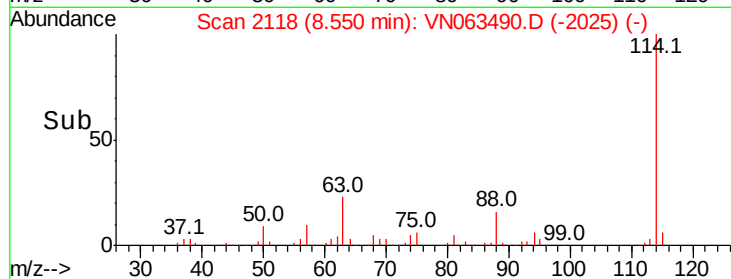
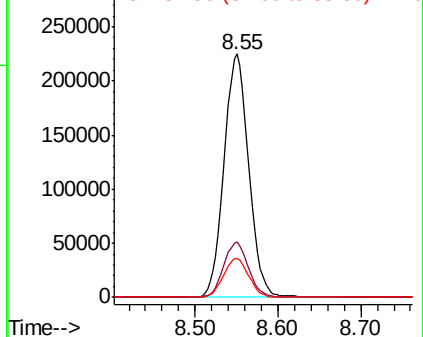
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063490.D
 Acq: 21 Sep 2020 16:56

Instrument :
 MSVOA_N
 ClientSampleId :
 20797

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	46.4
88	16.1	0.0	33.2

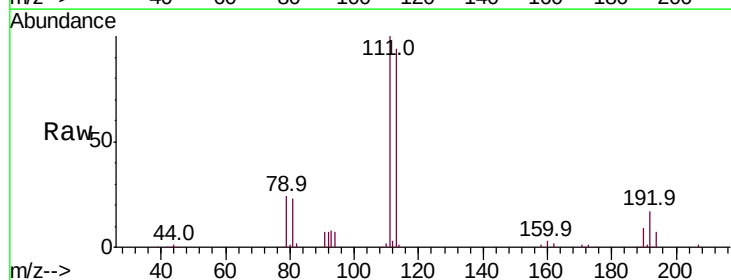


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

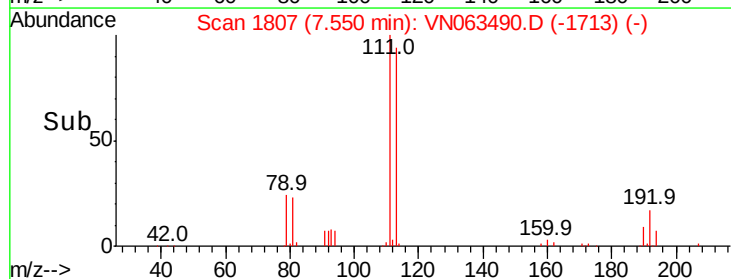
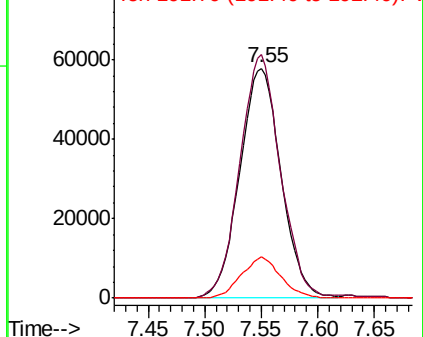


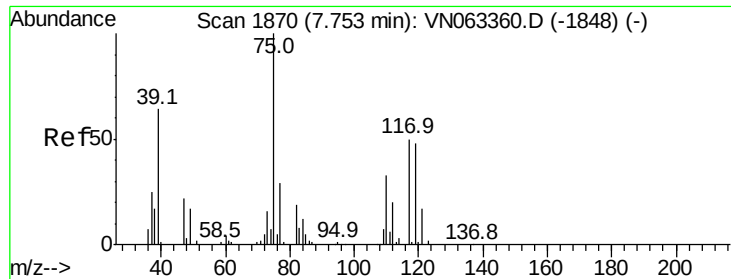
#35
 Dibromofluoromethane
 Concen: 45.577 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063490.D
 Acq: 21 Sep 2020 16:56

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.9	124.3
192	17.0	13.9	20.9



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: 4.597 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN063490.D

Acq: 21 Sep 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

20797

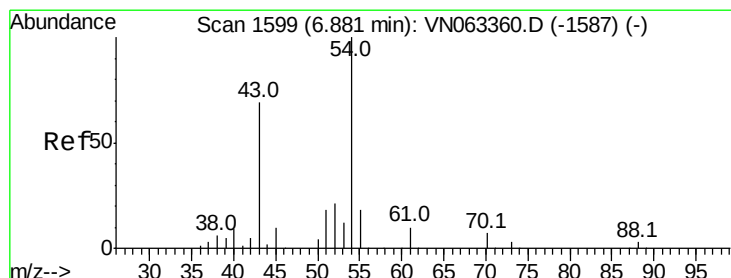
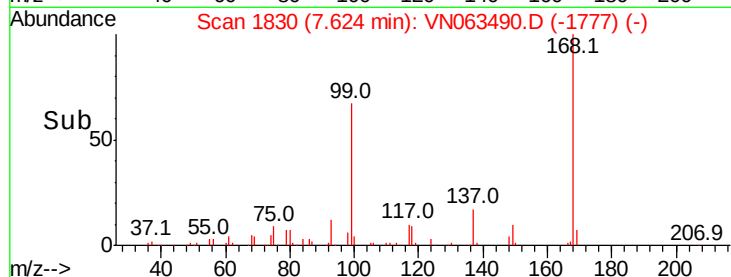
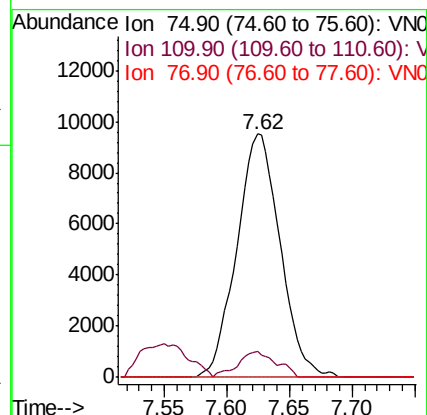
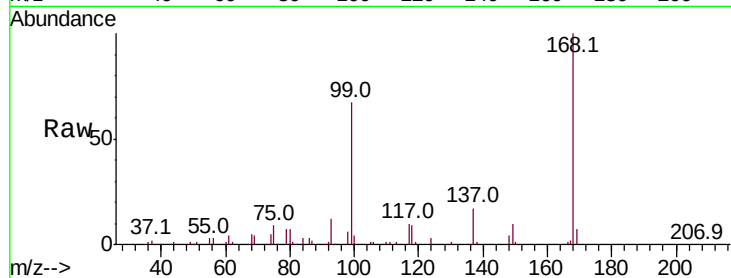
Tot Ion: 75 Resp: 22814

Ion Ratio Lower Upper

75 100

110 9.4 16.5 49.5#

77 0.0 24.6 36.8#



#37

Ethyl Acetate

Concen: 189.457 ug/l

RT: 6.88 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VN063490.D

Acq: 21 Sep 2020 16:56

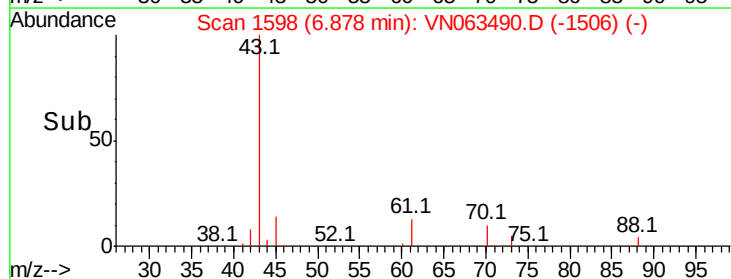
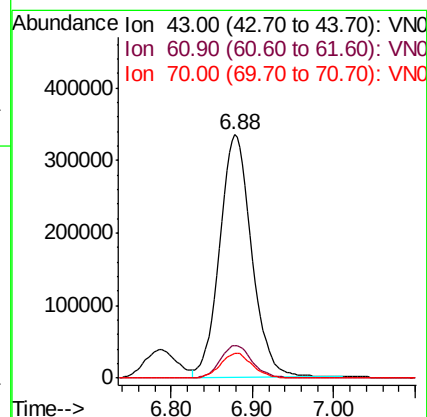
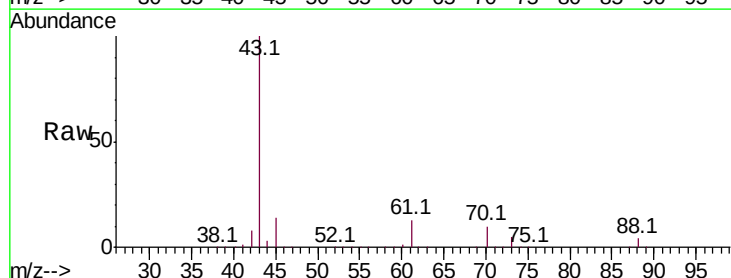
Tgt Ion: 43 Resp: 922785

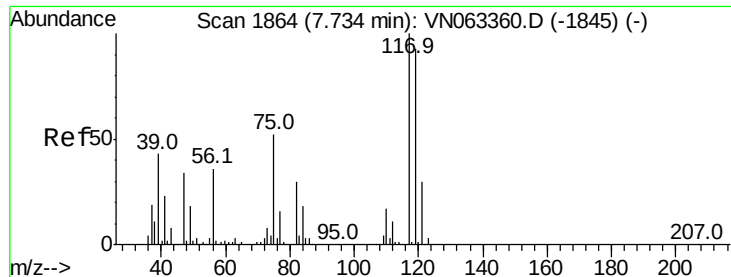
Ion Ratio Lower Upper

43 100

61 13.3 10.6 15.8

70 10.2 7.2 10.8





#38

Carbon Tetrachloride

Concen: 5.574 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.11 min

Lab File: VN063490.D

Acq: 21 Sep 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

20797

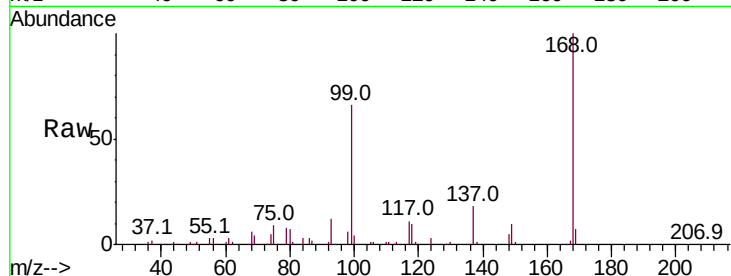
Tot Ion:117 Resp: 28236

Ion Ratio Lower Upper

117 100

119 5.8 74.5 111.7#

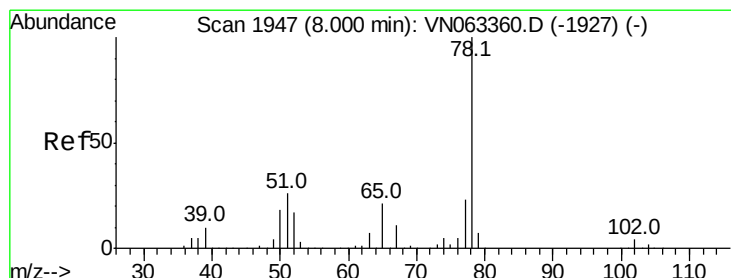
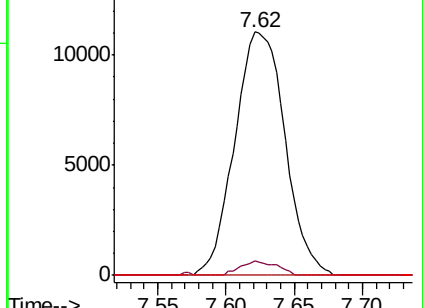
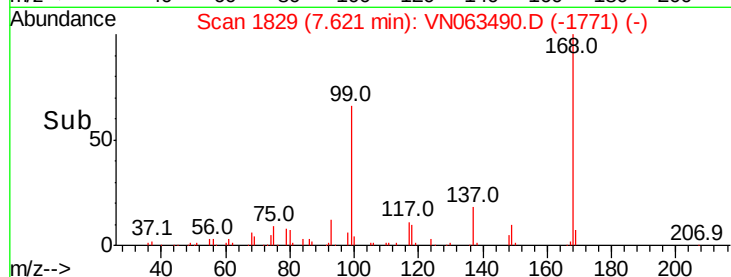
121 0.0 24.1 36.1#



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



#40

Benzene

Concen: 45.450 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN063490.D

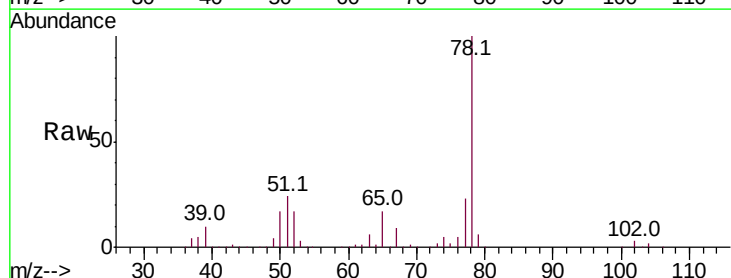
Acq: 21 Sep 2020 16:56

Tgt Ion: 78 Resp: 643869

Ion Ratio Lower Upper

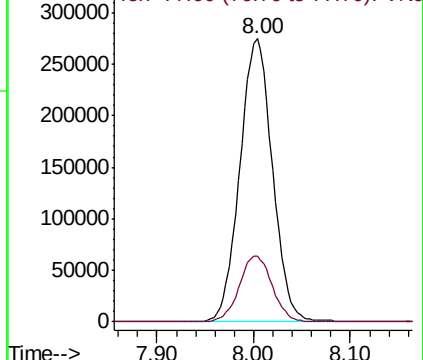
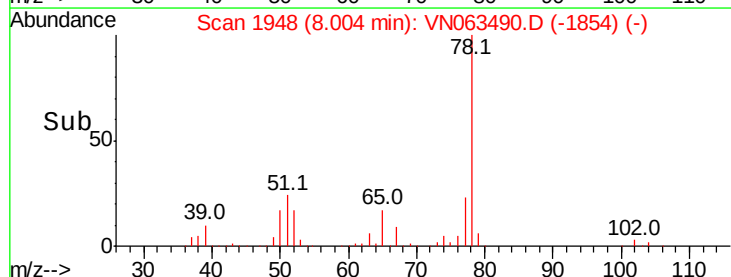
78 100

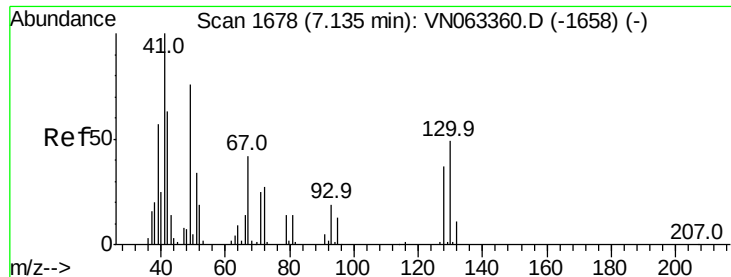
77 23.1 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

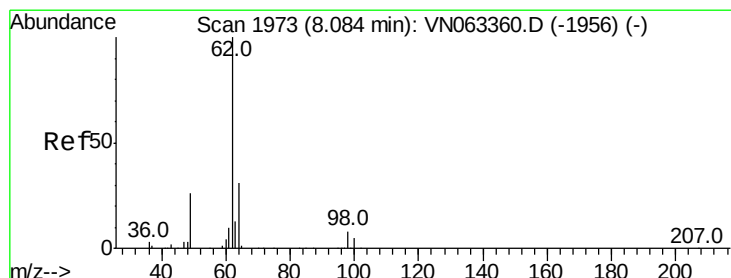
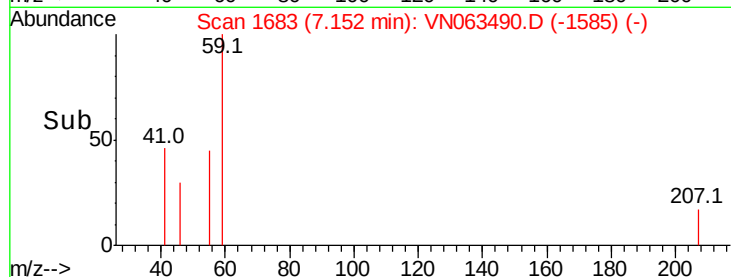
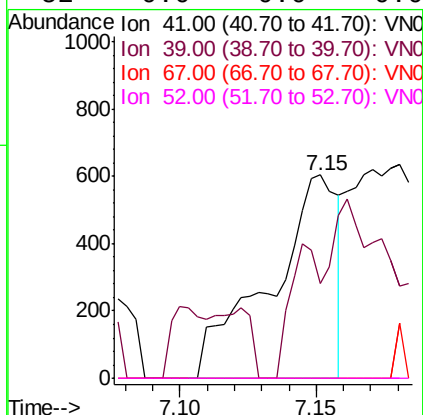
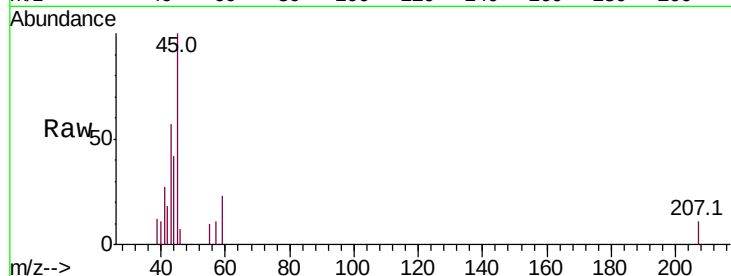




#41
Methacrylonitrile
Concen: 0.475 ug/l
RT: 7.15 min Scan# 1683
Delta R.T. 0.02 min
Lab File: VN063490.D
Acq: 21 Sep 2020 16:56

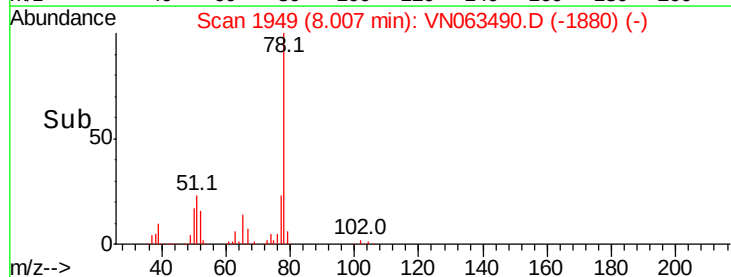
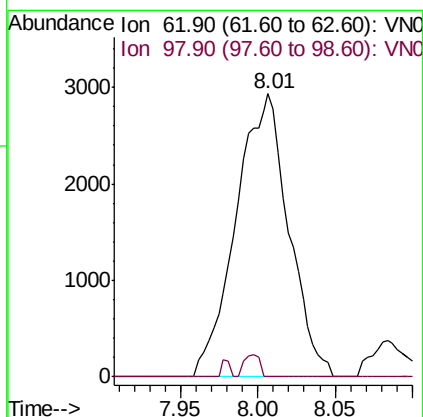
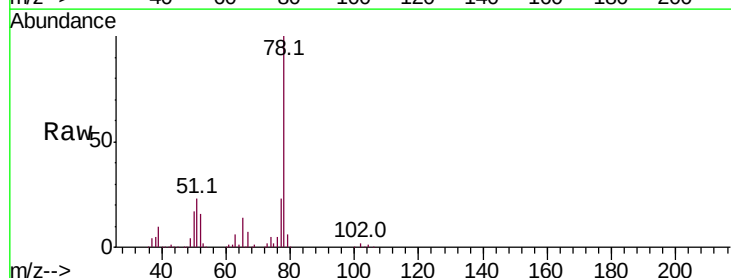
Instrument :
MSVOA_N
ClientSampled :
20797

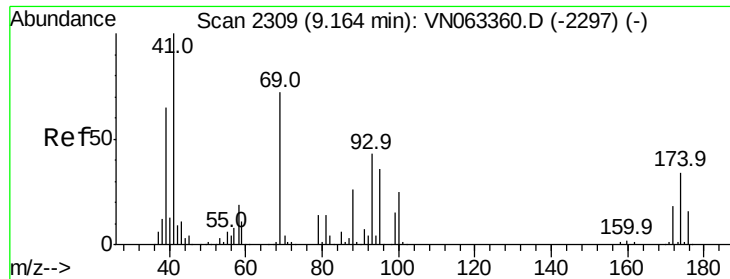
Tot Ion:	41	Resp:	1041
Ion	Ratio	Lower	Upper
41	100		
39	29.0	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 1.219 ug/l
RT: 8.01 min Scan# 1949
Delta R.T. -0.08 min
Lab File: VN063490.D
Acq: 21 Sep 2020 16:56

Tgt Ion:	62	Resp:	6943
Ion	Ratio	Lower	Upper
62	100		
98	2.3	0.0	15.6





#48

Methyl methacrylate

Concen: 1.119 ug/l

RT: 9.14 min Scan# 2301

Delta R.T. -0.03 min

Lab File: VN063490.D

Acq: 21 Sep 2020 16:56

Instrument :

MSVOA_N

ClientSampled :

20797

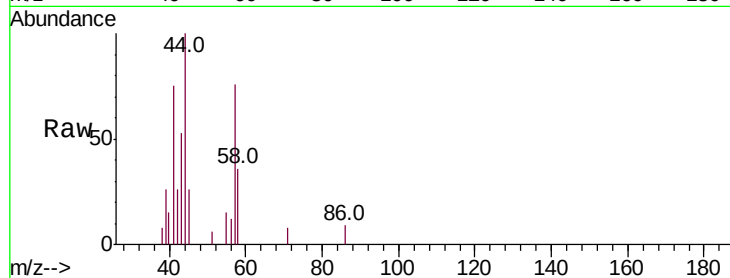
Tot Ion: 41 Resp: 4788

Ion Ratio Lower Upper

41 100

69 0.0 59.3 88.9#

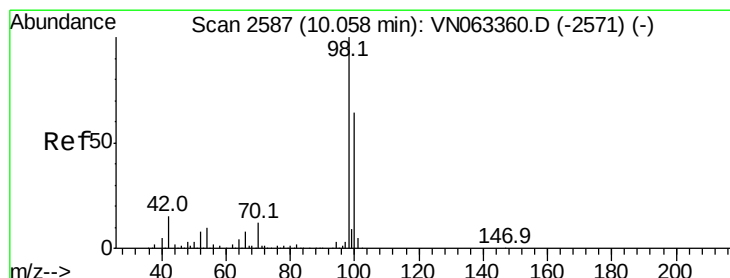
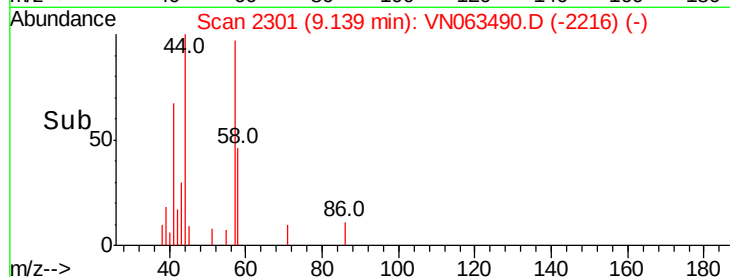
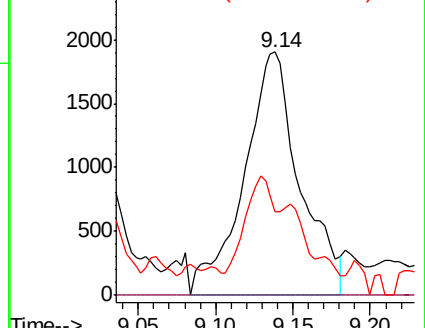
39 21.3 52.9 79.3#



Abundance Ion 41.00 (40.70 to 41.70): VN063360.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN063360.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN063360.D (-2297) (-)



#50

Toluene-d8

Concen: 48.997 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063490.D

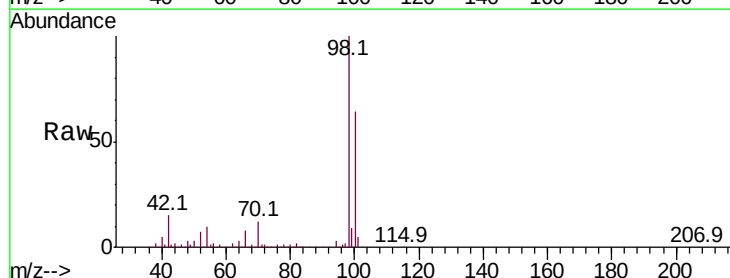
Acq: 21 Sep 2020 16:56

Tgt Ion: 98 Resp: 594131

Ion Ratio Lower Upper

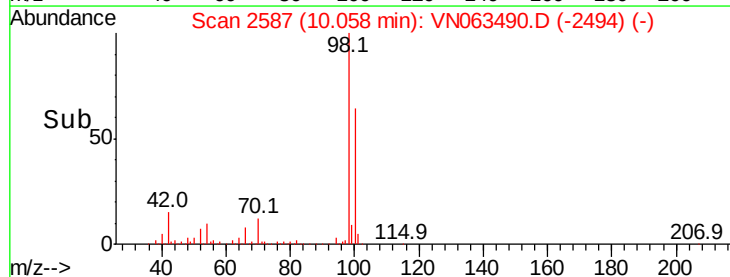
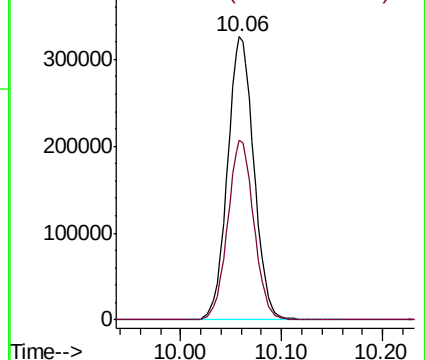
98 100

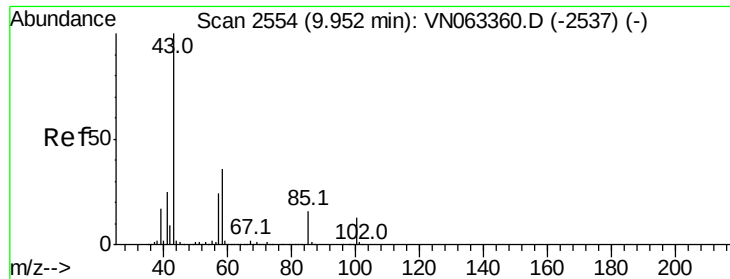
100 62.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063360.D (-2571) (-)

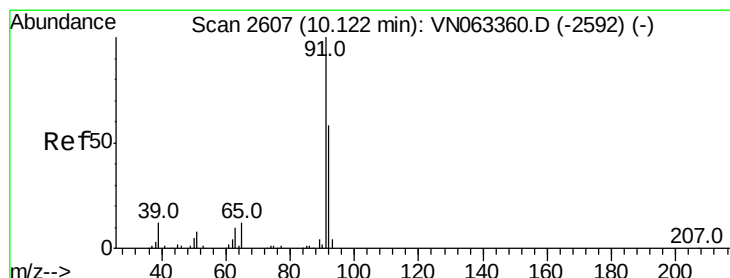
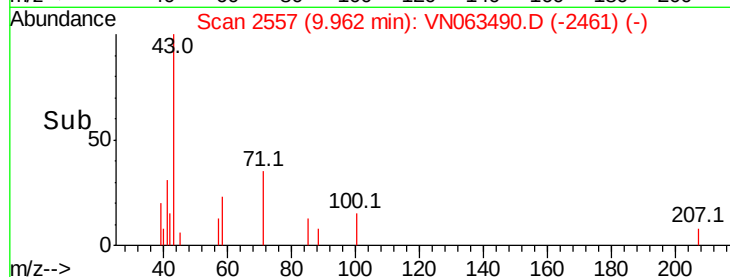
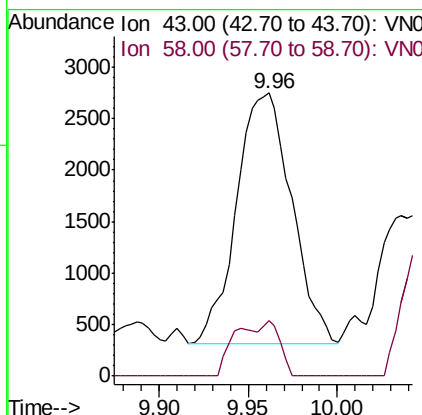
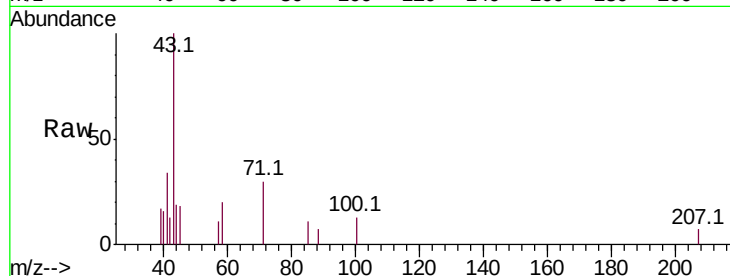




#51
 4-Methyl-2-Pentanone
 Concen: 1.074 ug/l
 RT: 9.96 min Scan# 2557
 Delta R.T. 0.01 min
 Lab File: VN063490.D
 Acq: 21 Sep 2020 16:56

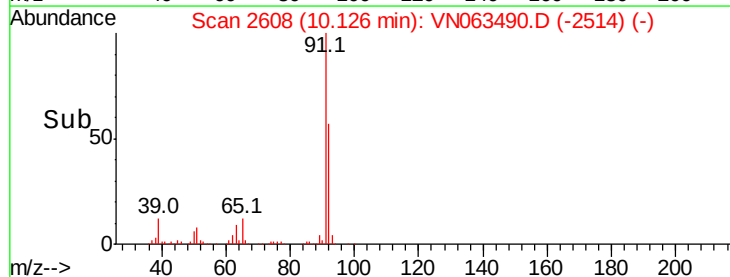
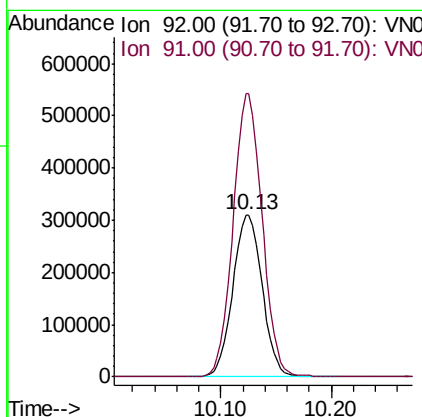
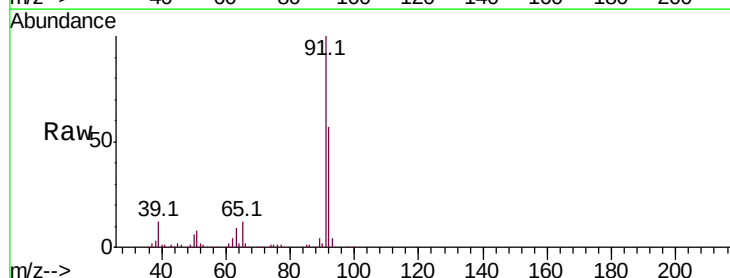
Instrument :
 MSVOA_N
 ClientSampled :
 20797

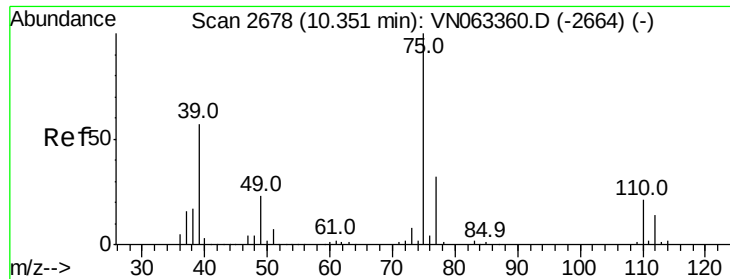
Tot Ion: 43 Resp: 5239
 Ion Ratio Lower Upper
 43 100
 58 10.1 29.0 43.6#



#52
 Toluene
 Concen: 67.267 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN063490.D
 Acq: 21 Sep 2020 16:56

Tgt Ion: 92 Resp: 572946
 Ion Ratio Lower Upper
 92 100
 91 173.4 139.7 209.5

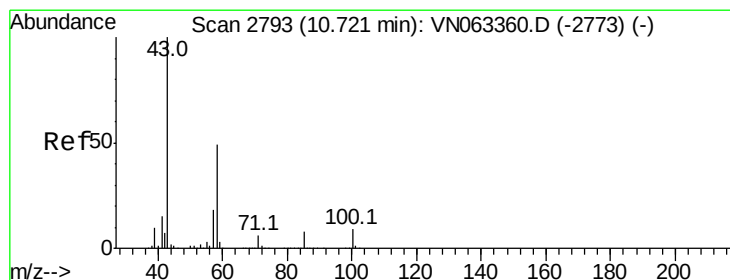
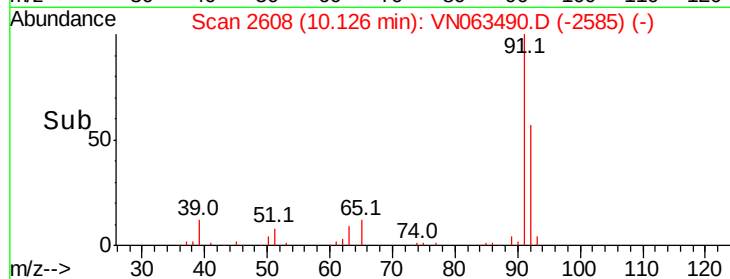
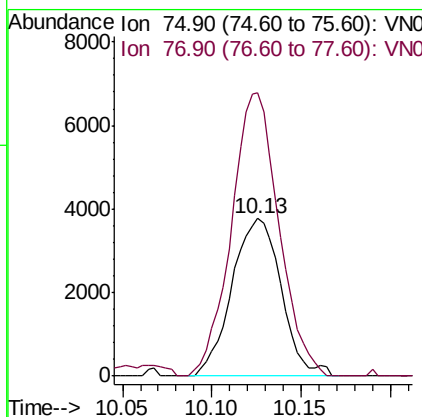
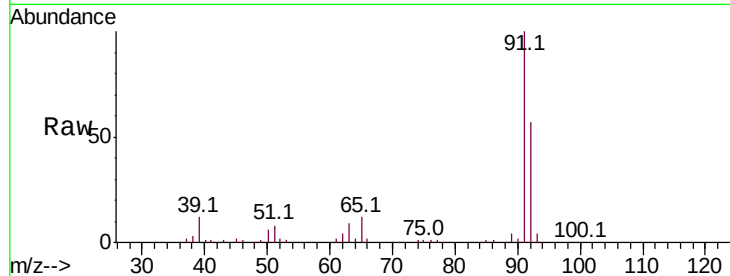




#53
 t-1,3-Dichloropropene
 Concen: 1.236 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. -0.23 min
 Lab File: VN063490.D
 Acq: 21 Sep 2020 16:56

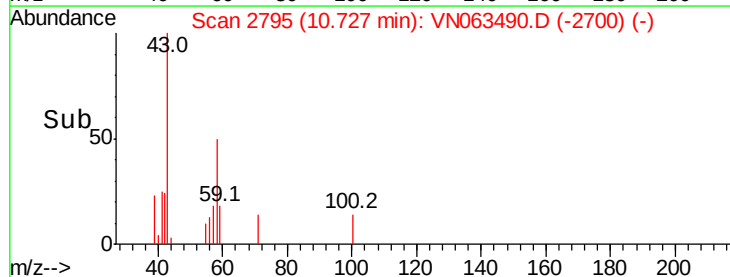
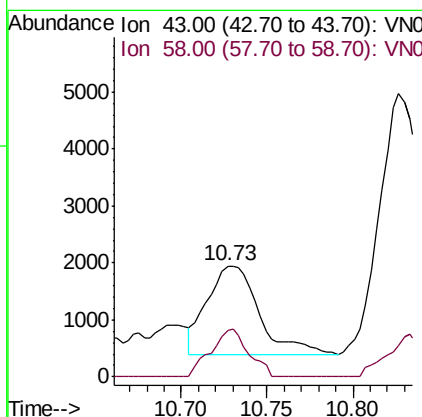
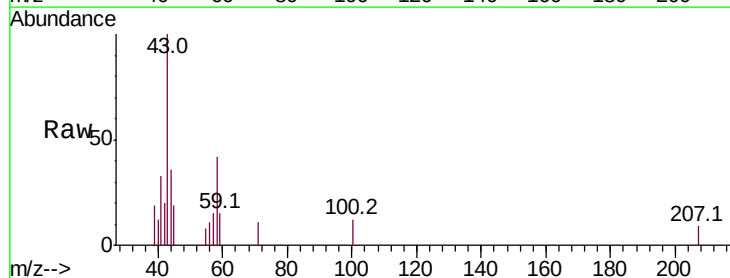
Instrument :
 MSVOA_N
 ClientSampleId :
 20797

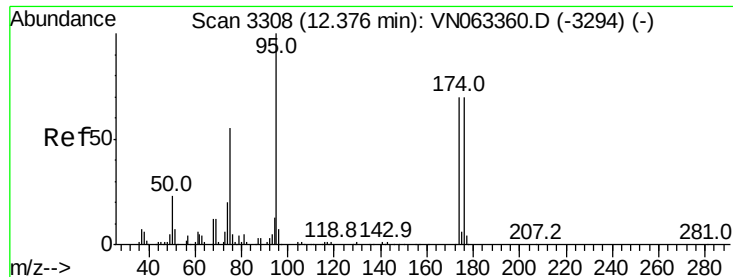
Tot Ion: 75 Resp: 7269
 Ion Ratio Lower Upper
 75 100
 77 179.8 25.4 38.2#



#59
 2-Hexanone
 Concen: 0.930 ug/l
 RT: 10.73 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: VN063490.D
 Acq: 21 Sep 2020 16:56

Tgt Ion: 43 Resp: 3285
 Ion Ratio Lower Upper
 43 100
 58 39.2 24.7 74.1





#62

4-Bromofluorobenzene

Concen: 55.741 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063490.D

Acq: 21 Sep 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

20797

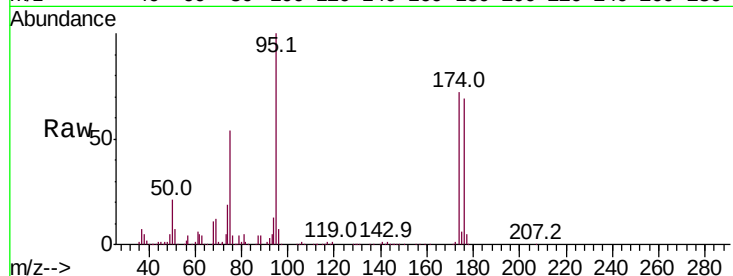
Tot Ion: 95 Resp: 247776

Ion Ratio Lower Upper

95 100

174 71.6 0.0 140.8

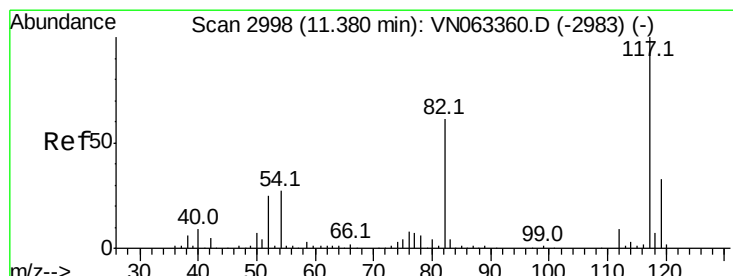
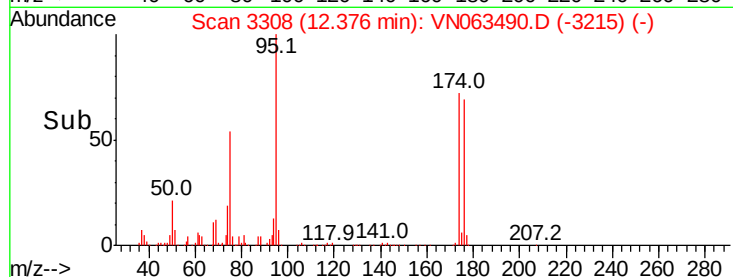
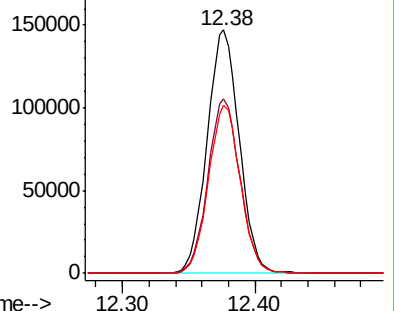
176 68.6 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063360.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN063360.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN063360.D (-3294) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063490.D

Acq: 21 Sep 2020 16:56

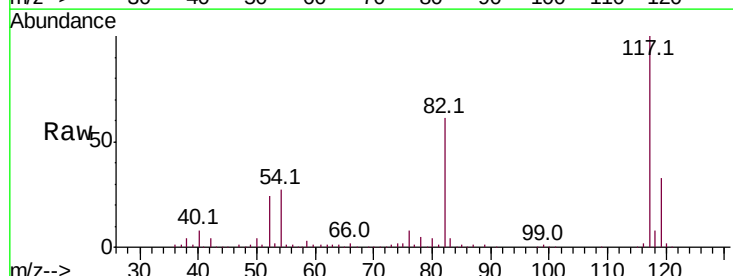
Tgt Ion: 117 Resp: 465923

Ion Ratio Lower Upper

117 100

82 60.6 49.2 73.8

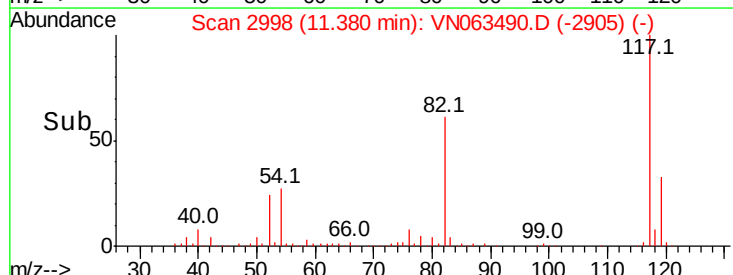
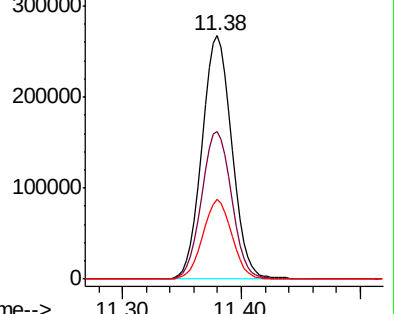
119 32.6 26.2 39.4

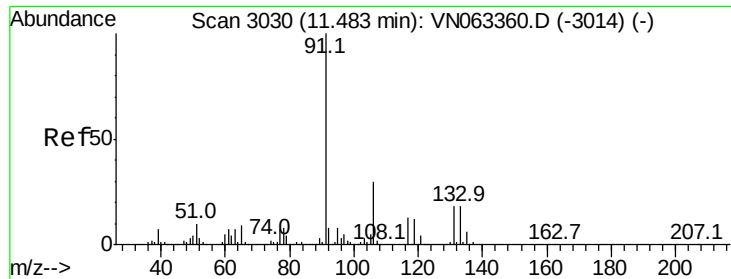


Abundance Ion 116.90 (116.60 to 117.60): VN063360.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063360.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063360.D (-2983) (-)

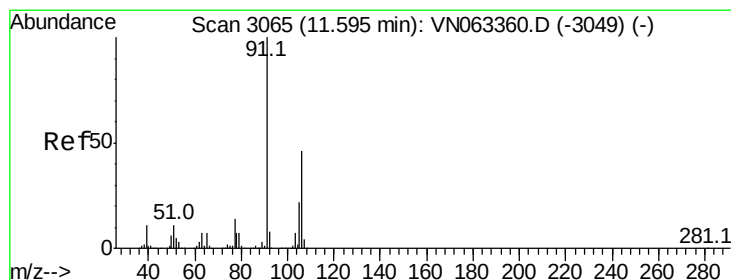
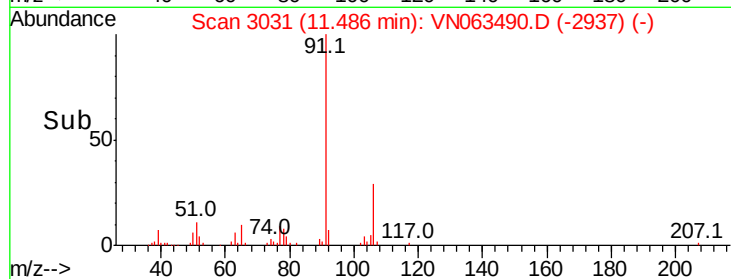
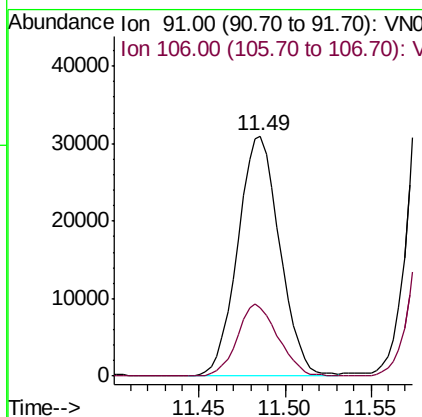
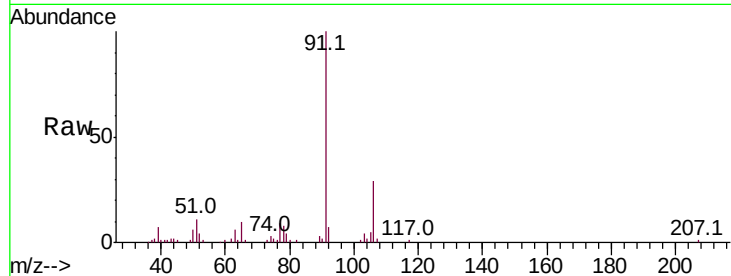




#67
Ethyl Benzene
Concen: 2.826 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063490.D
Acq: 21 Sep 2020 16:56

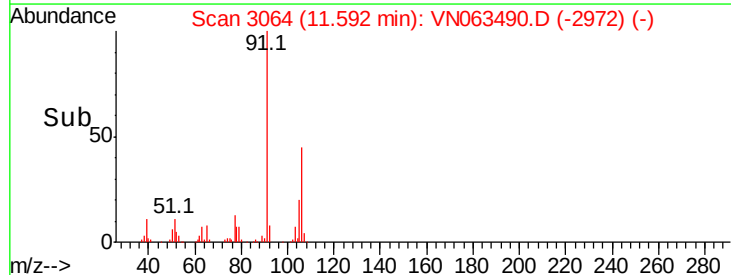
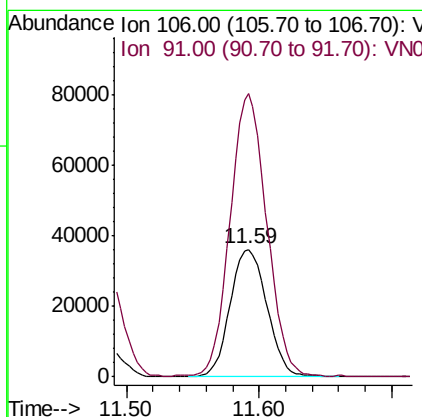
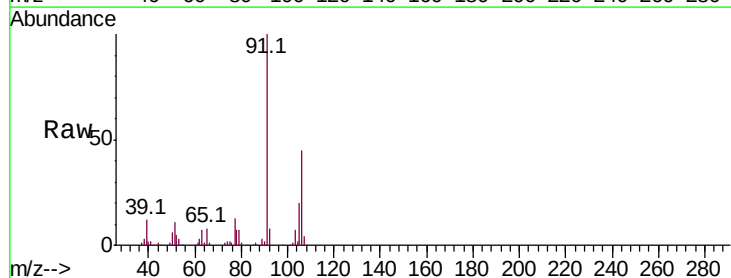
Instrument :
MSVOA_N
ClientSampled :
20797

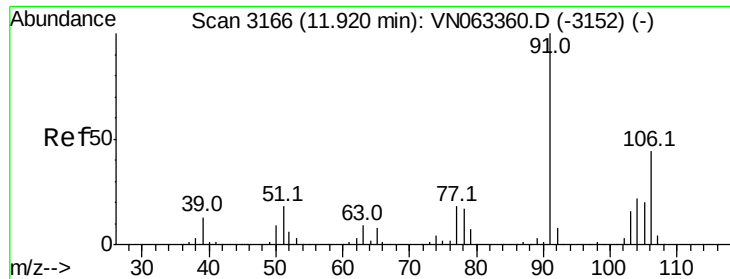
Tot Ion: 91 Resp: 52639
Ion Ratio Lower Upper
91 100
106 28.7 23.8 35.6



#68
m/p-Xylenes
Concen: 10.452 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN063490.D
Acq: 21 Sep 2020 16:56

Tgt Ion: 106 Resp: 70187
Ion Ratio Lower Upper
106 100
91 218.1 171.2 256.8

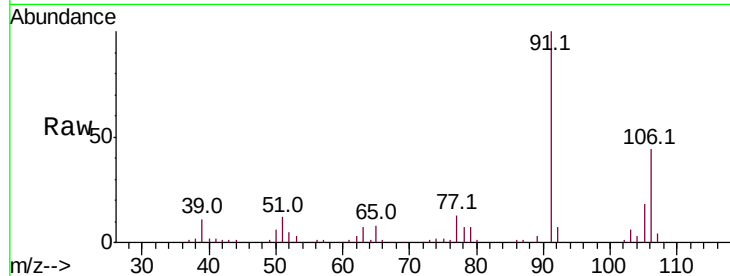




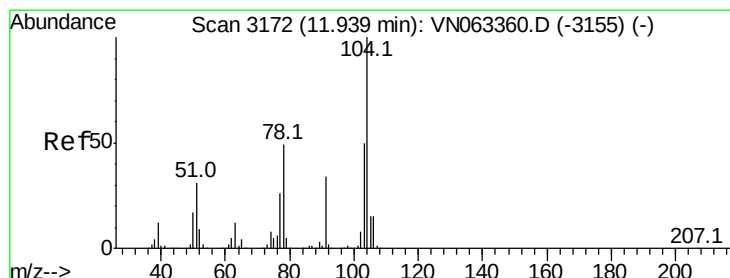
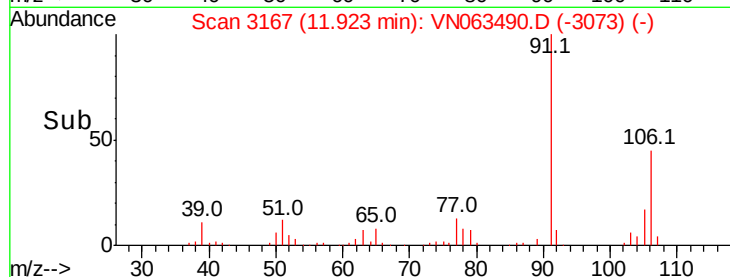
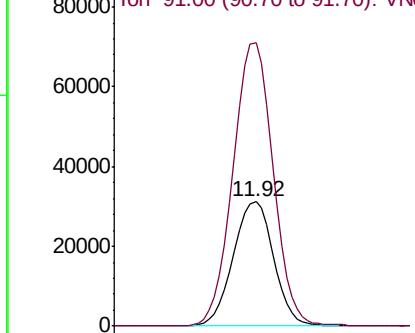
#69
o-Xylene
Concen: 8.392 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063490.D
Acq: 21 Sep 2020 16:56

Instrument :
MSVOA_N
ClientSampled :
20797

Tot Ion:106 Resp: 53685
Ion Ratio Lower Upper
106 100
91 226.9 113.6 340.8

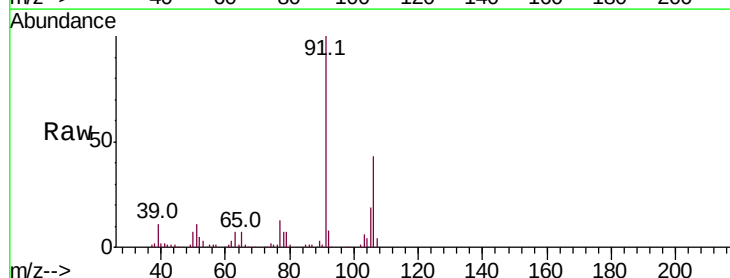


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

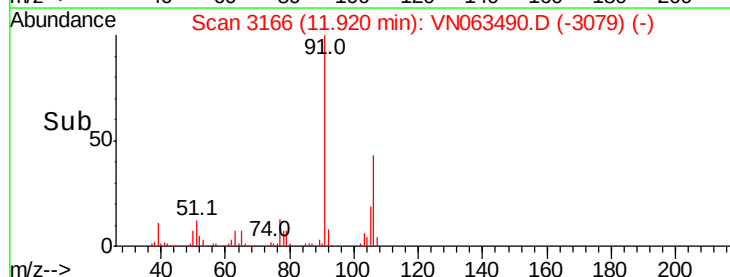
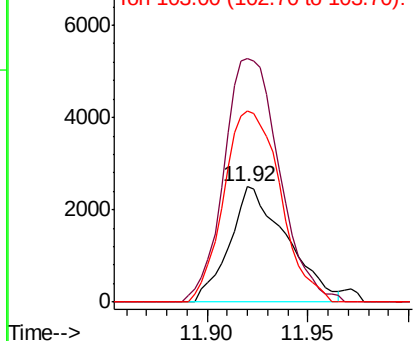


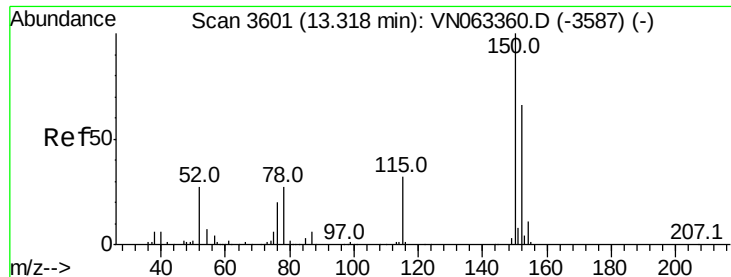
#70
Styrene
Concen: 0.462 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.02 min
Lab File: VN063490.D
Acq: 21 Sep 2020 16:56

Tgt Ion:104 Resp: 4959
Ion Ratio Lower Upper
104 100
78 204.8 44.4 66.6#
103 163.5 43.7 65.5#



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063490.D

Acq: 21 Sep 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

20797

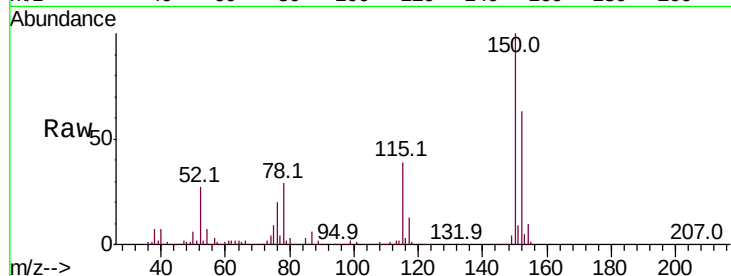
Tot Ion:152 Resp: 217226

Ion Ratio Lower Upper

152 100

115 66.0 32.2 96.6

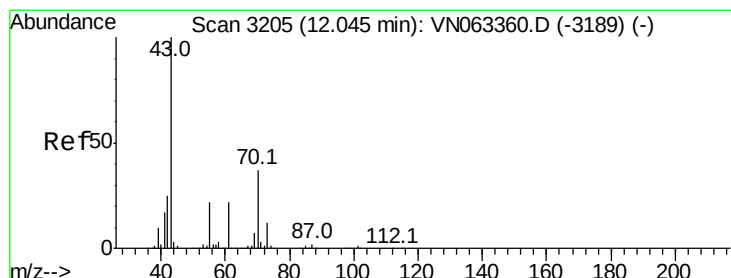
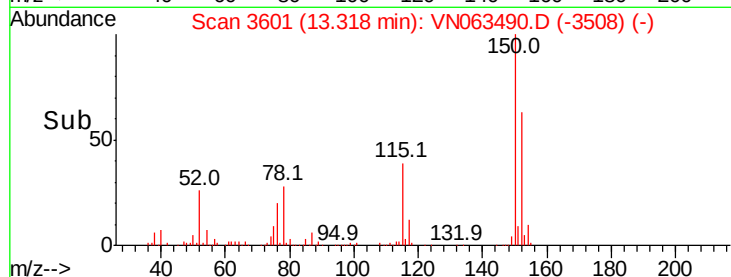
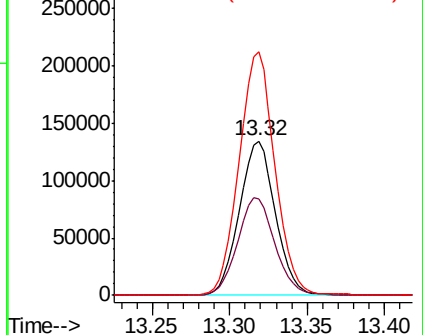
150 158.0 0.0 343.4



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-ethyl acetate

Concen: 0.292 ug/l

RT: 12.00 min Scan# 3192

Delta R.T. -0.04 min

Lab File: VN063490.D

Acq: 21 Sep 2020 16:56

Tgt Ion: 43 Resp: 2410

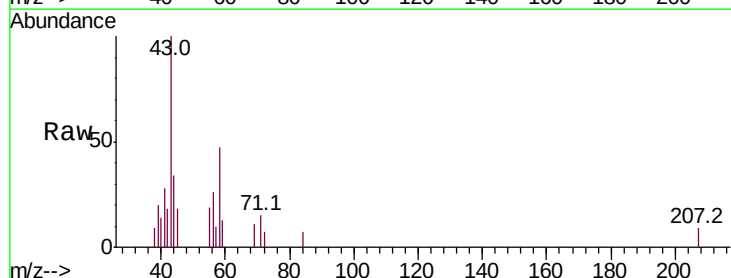
Ion Ratio Lower Upper

43 100

70 0.0 29.6 44.4#

55 0.0 17.7 26.5#

61 0.0 17.4 26.2#

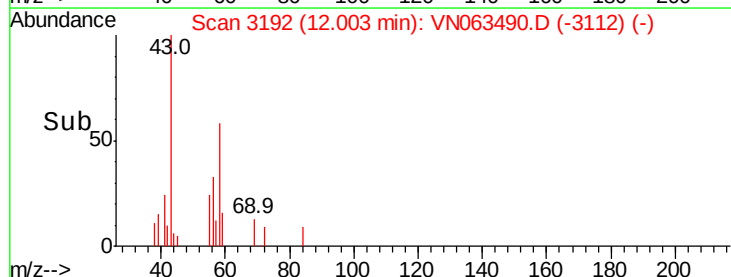
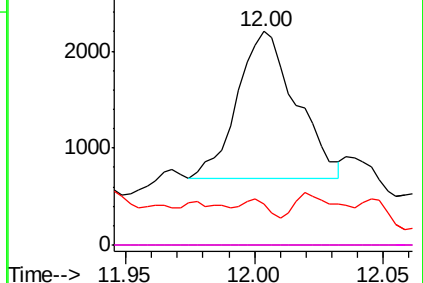


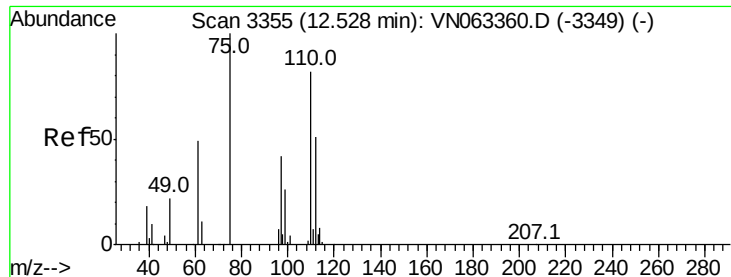
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 25.453 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN063490.D

Acq: 21 Sep 2020 16:56

Instrument :

MSVOA_N

ClientSampled :

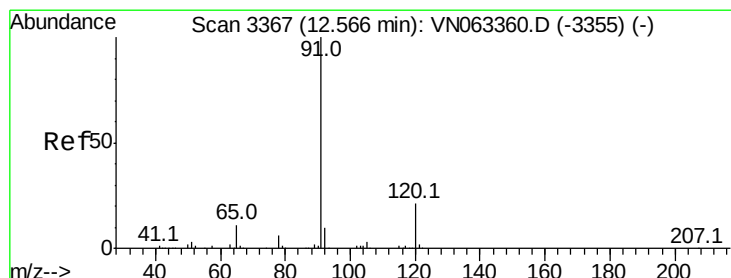
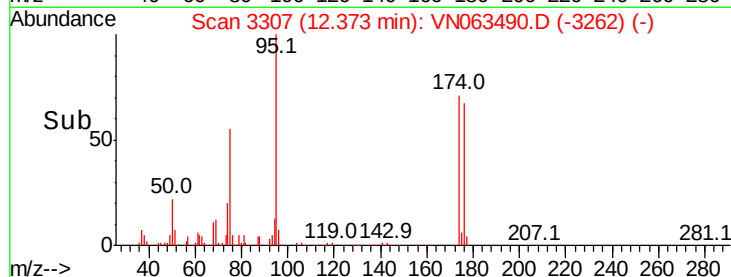
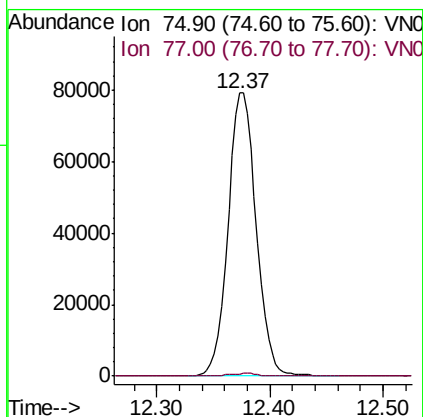
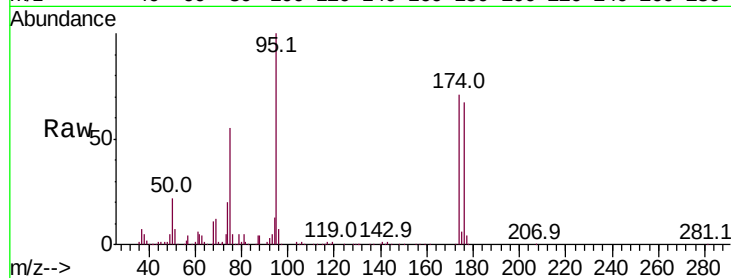
20797

Tot Ion: 75 Resp: 136852

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#



#78

n-propylbenzene

Concen: 0.225 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063490.D

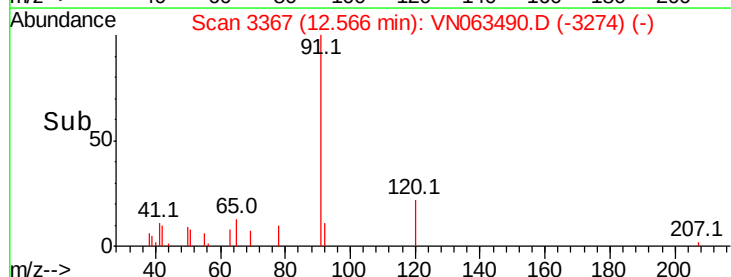
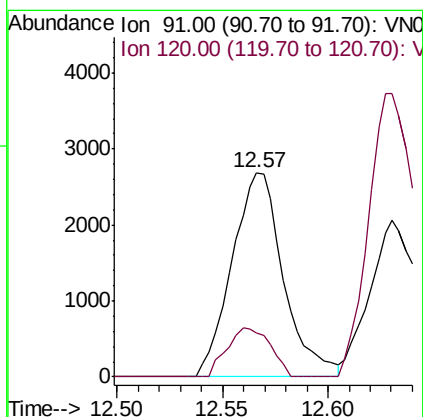
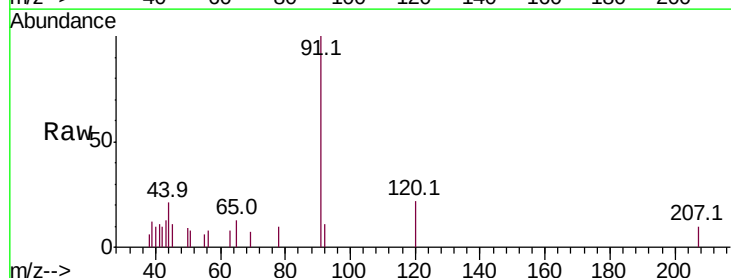
Acq: 21 Sep 2020 16:56

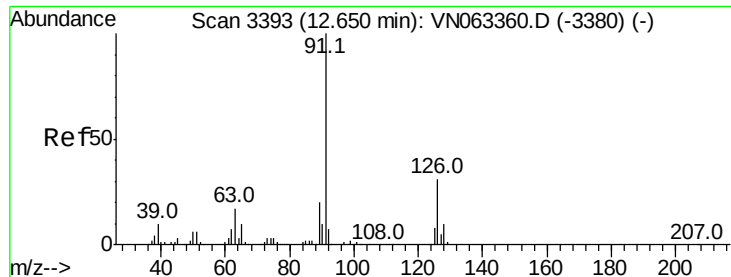
Tgt Ion: 91 Resp: 4560

Ion Ratio Lower Upper

91 100

120 20.1 10.8 32.3





#79

2-Chlorotoluene

Concen: 0.364 ug/l

RT: 12.63 min Scan# 3387

Delta R.T. -0.02 min

Lab File: VN063490.D

Acq: 21 Sep 2020 16:56

Instrument :

MSVOA_N

ClientSampled :

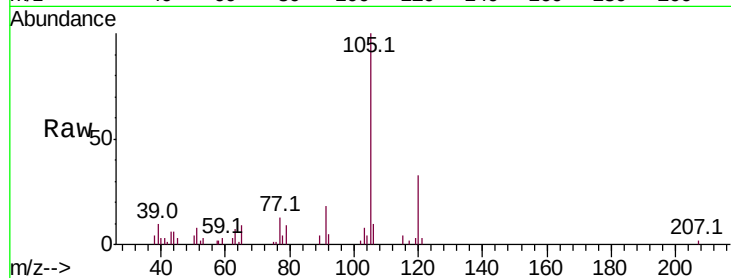
20797

Tot Ion: 91 Resp: 4427

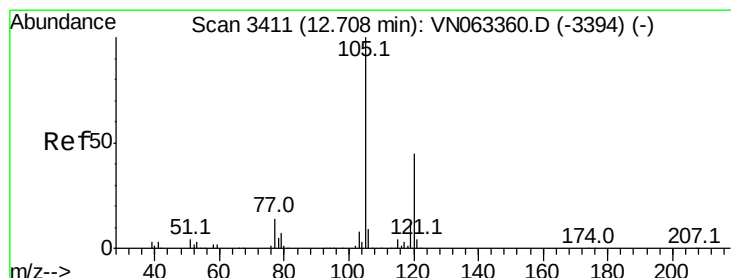
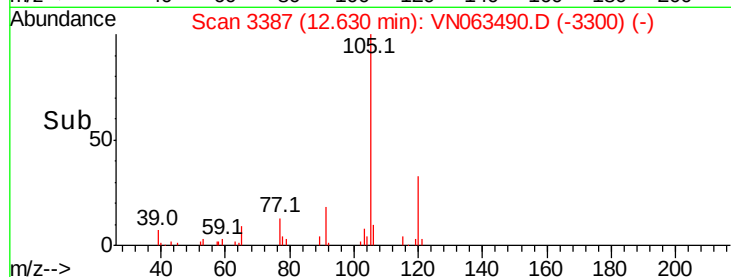
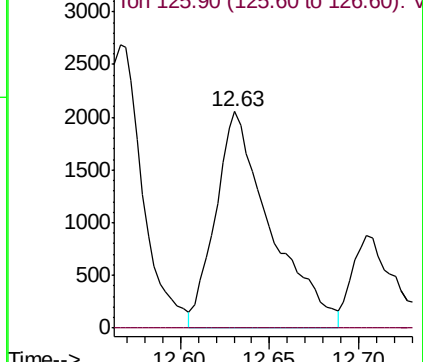
Ion Ratio Lower Upper

91 100

126 0.0 15.8 47.3#



Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.637 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063490.D

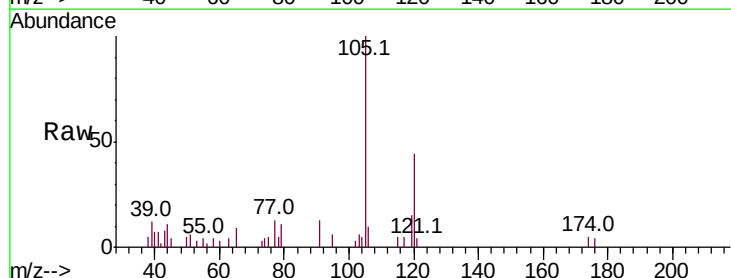
Acq: 21 Sep 2020 16:56

Tgt Ion: 105 Resp: 9243

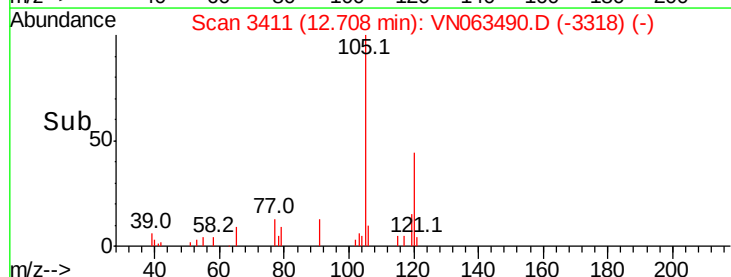
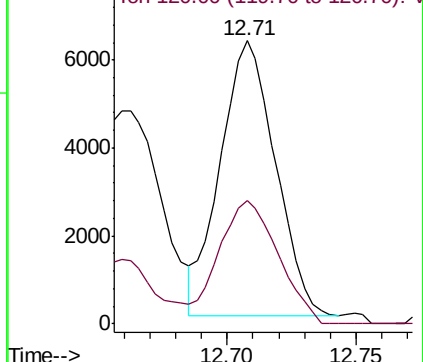
Ion Ratio Lower Upper

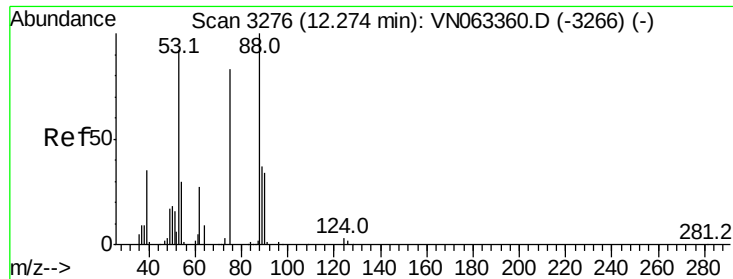
105 100

120 48.4 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN063360.D (-3394) (-)

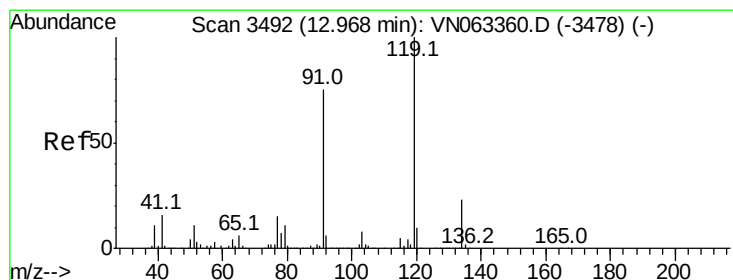
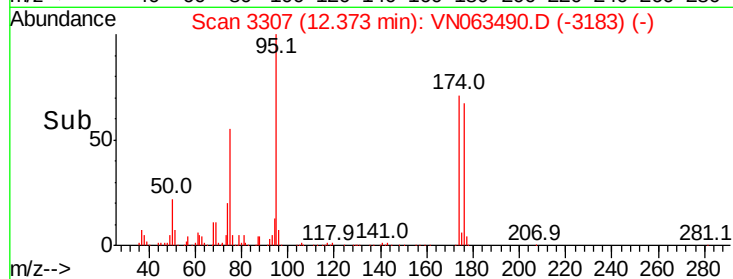
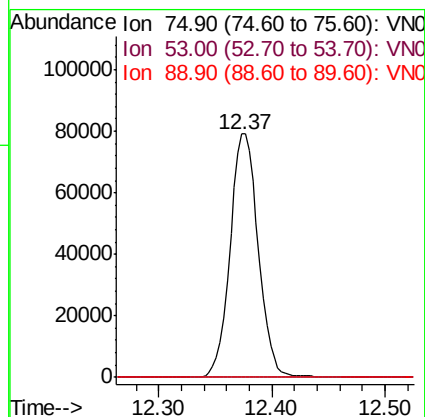
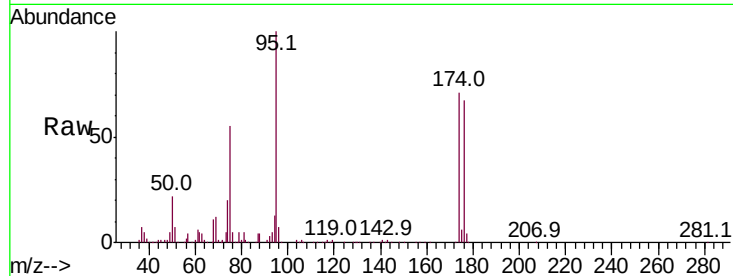




#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.783 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. 0.10 min
 Lab File: VN063490.D
 Acq: 21 Sep 2020 16:56

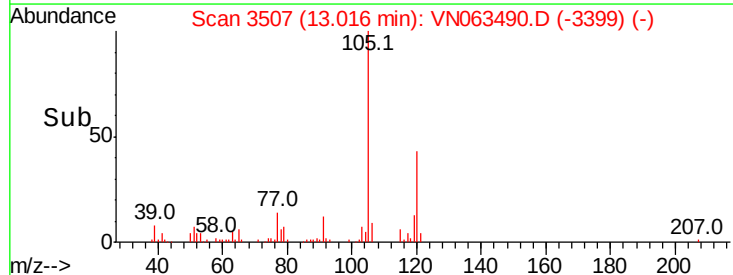
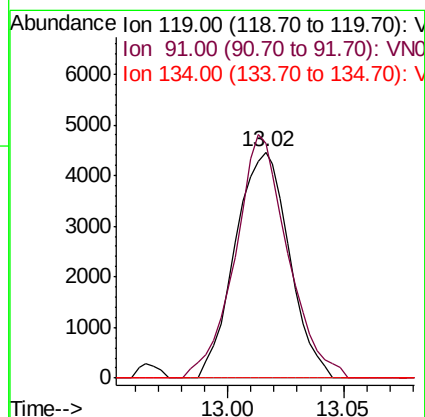
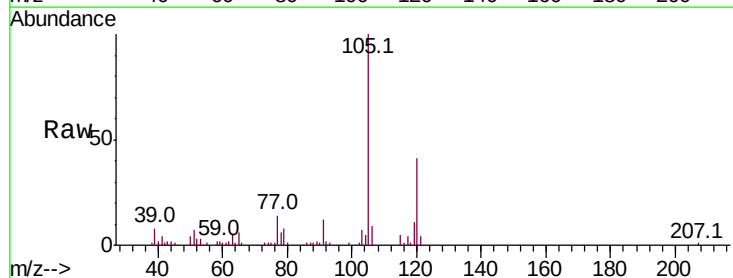
Instrument :
 MSVOA_N
 ClientSampled :
 20797

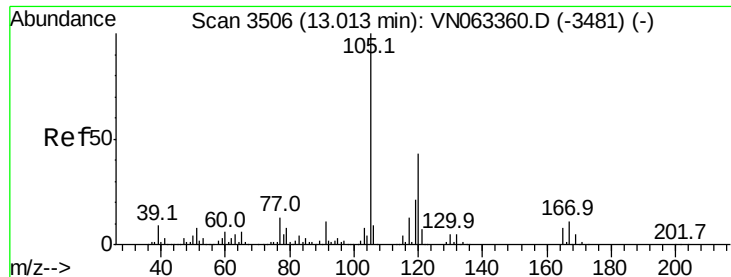
Tot Ion: 75 Resp: 136852
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.7 128.5#
 89 0.0 38.0 57.0#



#83
 tert-Butylbenzene
 Concen: 0.602 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.05 min
 Lab File: VN063490.D
 Acq: 21 Sep 2020 16:56

Tgt Ion: 119 Resp: 7211
 Ion Ratio Lower Upper
 119 100
 91 104.9 36.3 108.9
 134 0.0 12.3 36.8#

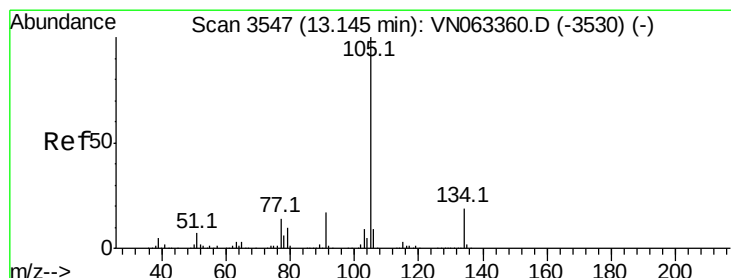
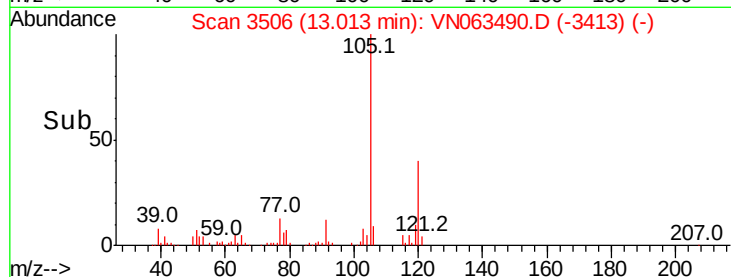
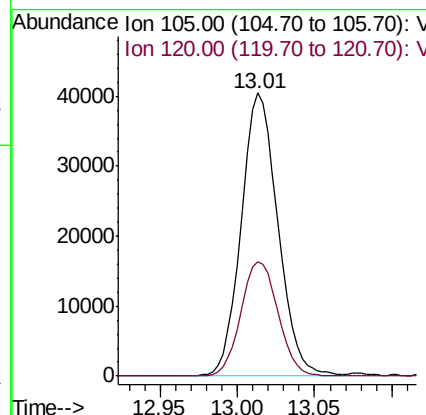
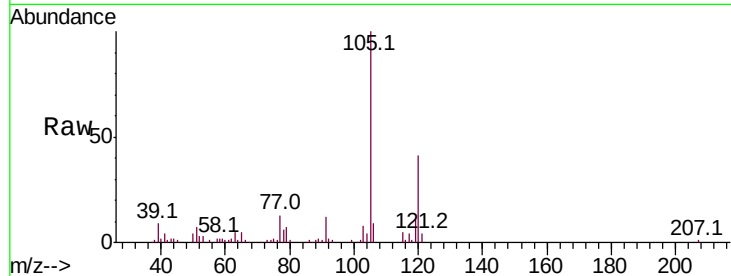




#84
 1,2,4-Trimethylbenzene
 Concen: 4.555 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN063490.D
 Acq: 21 Sep 2020 16:56

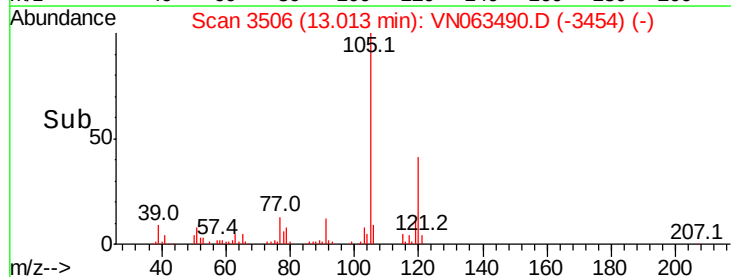
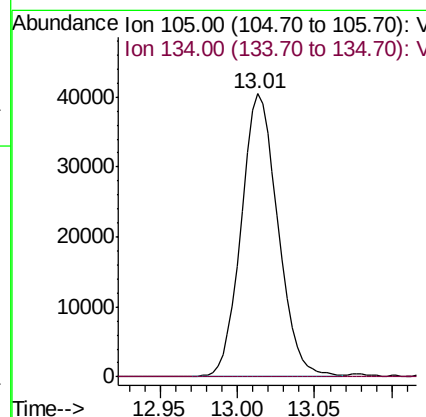
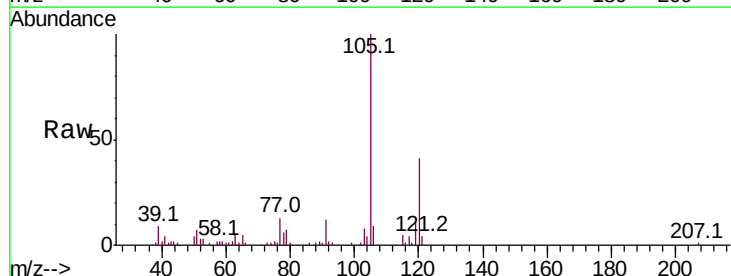
Instrument :
 MSVOA_N
 ClientSampleId :
 20797

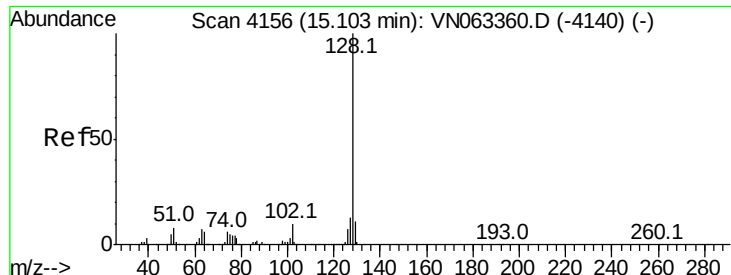
Tot Ion	Ratio	Lower	Upper
105	100		
120	40.9	21.3	63.9



#85
 sec-Butylbenzene
 Concen: 4.165 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.13 min
 Lab File: VN063490.D
 Acq: 21 Sep 2020 16:56

Tgt Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.3	27.7#





#95

Naphthalene

Concen: 5.524 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063490.D

Acq: 21 Sep 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

20797

Tot Ion:128 Resp: 76668

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.6 8.8 13.2

