

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111620\
 Data File : VN064668.D
 Acq On : 16 Nov 2020 18:25
 Operator : JC/MD
 Sample : L4772-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Nov 17 03:50:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	252950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	517377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	555867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	281666	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	239370	54.33	ug/l	0.00
Spiked Amount			Recovery	=	108.66%	
35) Dibromofluoromethane	7.55	113	175932	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	
50) Toluene-d8	10.06	98	660103	48.48	ug/l	0.00
Spiked Amount			Recovery	=	96.96%	
62) 4-Bromofluorobenzene	12.38	95	312340	60.66	ug/l	0.00
Spiked Amount			Recovery	=	121.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.75	59	1249	2.571	ug/l #	71
13) Acrolein	3.60	56	69	0.229	ug/l #	15
16) Acetone	3.78	43	22131	13.186	ug/l	96
17) Carbon Disulfide	4.02	76	1915	0.237	ug/l #	76
25) 2-Butanone	6.81	43	4594	2.148	ug/l	95
31) Cyclohexane	7.62	56	7400	1.382	ug/l #	34
36) 1,1-Dichloropropene	7.63	75	24712	4.521	ug/l #	51
37) Ethyl Acetate	6.92	43	253	0.807	ug/l #	71
38) Carbon Tetrachloride	7.63	117	29727	5.089	ug/l #	17
39) Methylcyclohexane	9.05	83	1524	0.311	ug/l	97
51) 4-Methyl-2-Pentanone	9.96	43	1644	0.318	ug/l #	87
55) 1,1,2-Trichloroethane	10.50	97	9448	2.473	ug/l #	20
56) Ethyl methacrylate	10.40	69	8770	3.185	ug/l #	8
58) 2-Chloroethyl Vinyl ether	9.67	63	1072	21.868	ug/l #	51
59) 2-Hexanone	10.56	43	388	4.119	ug/l	75
60) Dibromochloromethane	10.60	129	1313	0.307	ug/l #	10
64) Tetrachloroethene	10.61	164	1525	0.356	ug/l #	77
67) Ethyl Benzene	11.49	91	70518	3.253	ug/l	100
68) m/p-Xylenes	11.60	106	27720	3.526	ug/l	90
69) o-Xylene	11.93	106	4263	0.561	ug/l #	7
73) Isopropylbenzene	12.22	105	1882621	84.092	ug/l	99
74) N-amyl acetate	12.02	43	47408	5.474	ug/l #	65
75) 1,1,2,2-Tetrachloroethane	12.45	83	13374	1.945	ug/l #	25
76) 1,2,3-Trichloropropane	12.57	75	28551	4.184	ug/l #	100
78) n-propylbenzene	12.57	91	4024995	157.697	ug/l	99
79) 2-Chlorotoluene	12.57	91	4024995	248.637	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.66	105	227960	12.343	ug/l	70
81) trans-1,4-Dichloro-2-buten	12.23	75	25683	10.508	ug/l #	65
82) 4-Chlorotoluene	12.57	91	4024995	237.417	ug/l #	44
83) tert-Butylbenzene	12.97	119	343676	23.826	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	5327375	286.933	ug/l	94
85) sec-Butylbenzene	13.15	105	1357392	74.302	ug/l #	72
86) p-Isopropyltoluene	13.42	119	682745	41.549	ug/l	96
89) n-Butylbenzene	13.59	91	638124	45.166	ug/l #	79

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Quant Title : SW846 8260
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Response via : Initial Calibration

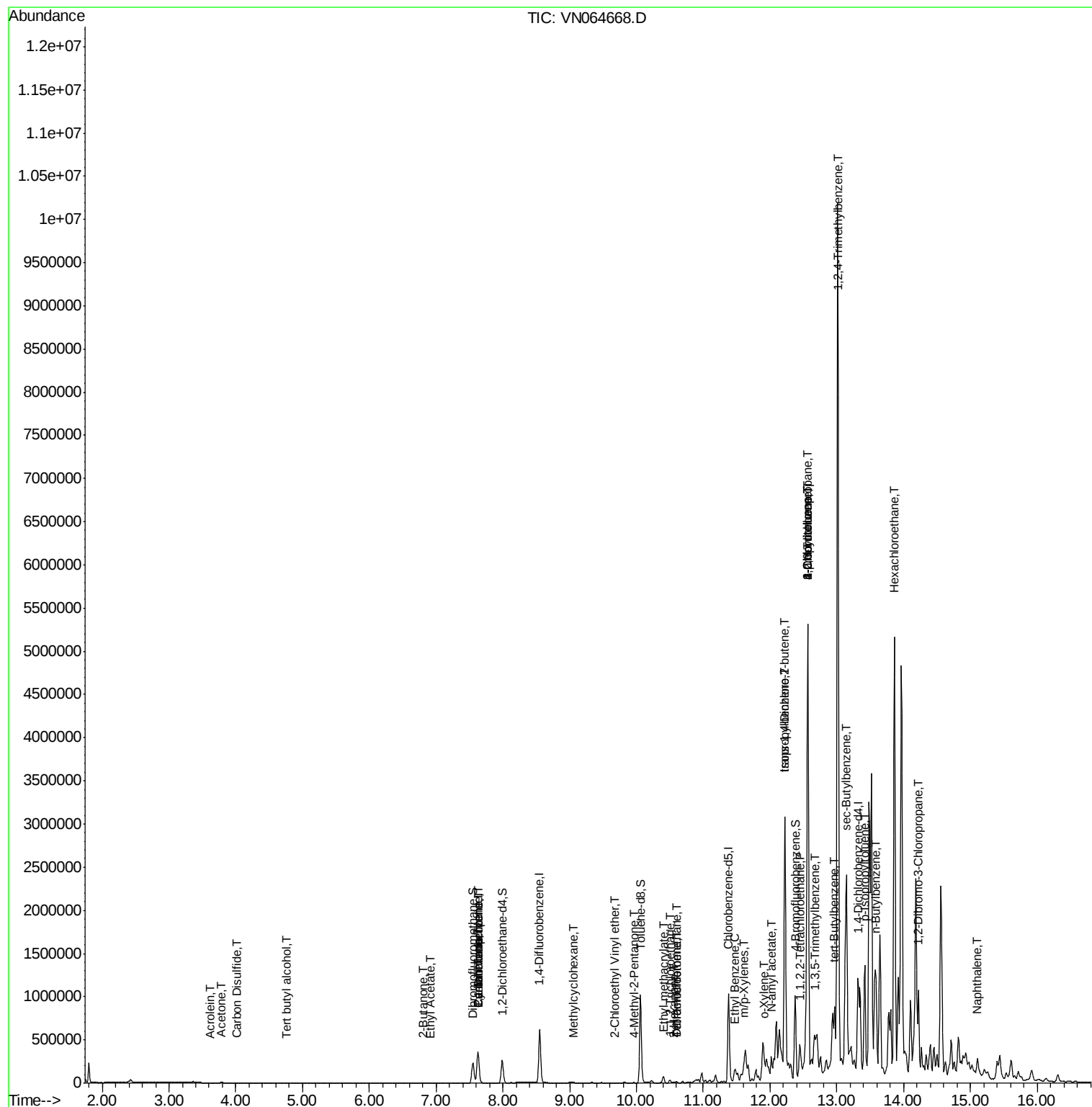
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.86	117	247335	78.028	ug/l #	18
92) 1,2-Dibromo-3-Chloropropan	14.22	75	2365	1.727	ug/l #	10
95) Naphthalene	15.10	128	142150	12.158	ug/l	99

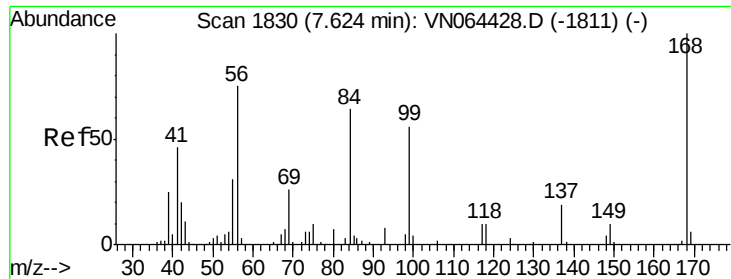
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111620\
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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: VN064668.D

Acq: 16 Nov 2020 18:25

Instrument :

MSVOA_N

ClientSampled :

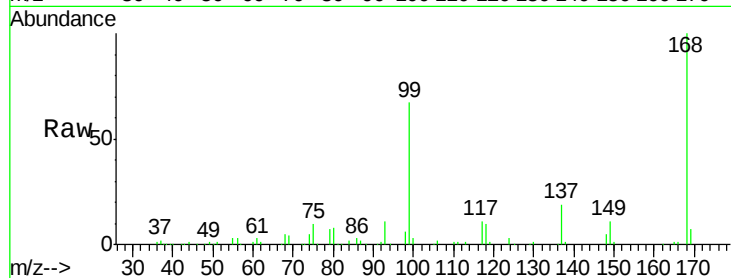
MW-1

Tot Ion:168 Resp: 252950

Ion Ratio Lower Upper

168 100

99 67.2 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

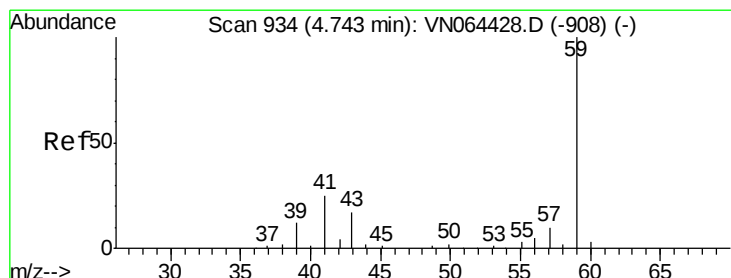
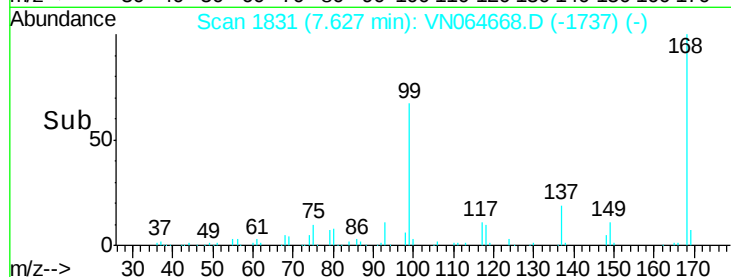
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 2.571 ug/l

RT: 4.75 min Scan# 935

Delta R.T. 0.00 min

Lab File: VN064668.D

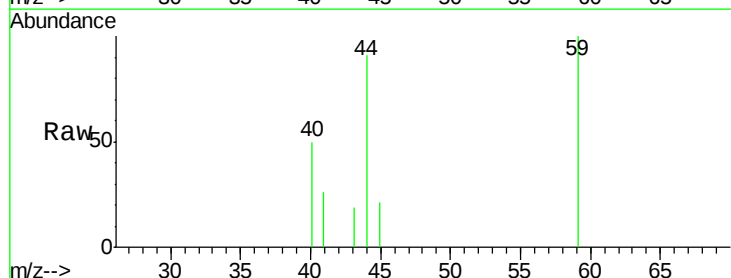
Acq: 16 Nov 2020 18:25

Tgt Ion: 59 Resp: 1249

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

1000

800

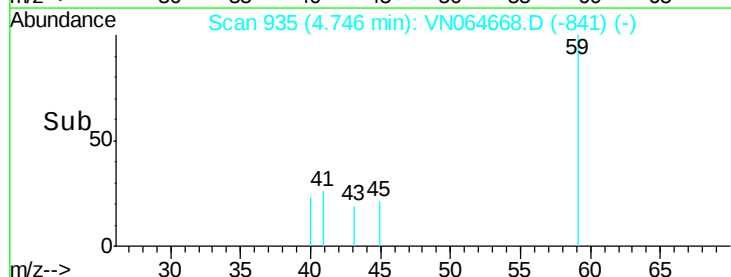
600

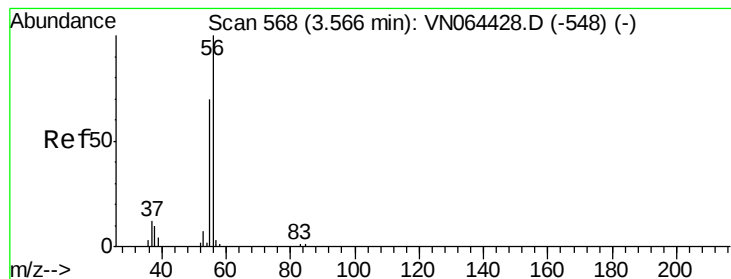
400

200

0

Time--> 4.72 4.74 4.76 4.78





#13

Acrolein

Concen: 0.229 ug/l

RT: 3.60 min Scan# 580

Delta R.T. 0.04 min

Lab File: VN064668.D

Acq: 16 Nov 2020 18:25

Instrument :

MSVOA_N

ClientSampled :

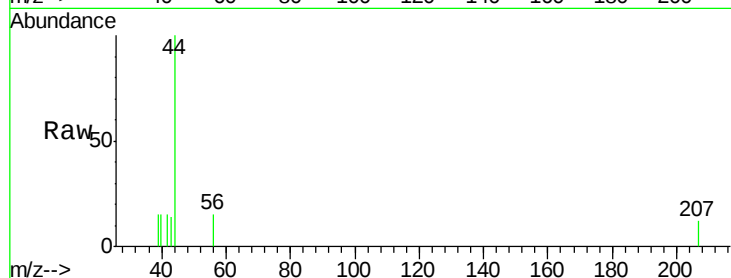
MW-1

Tot Ion: 56 Resp: 69

Ion Ratio Lower Upper

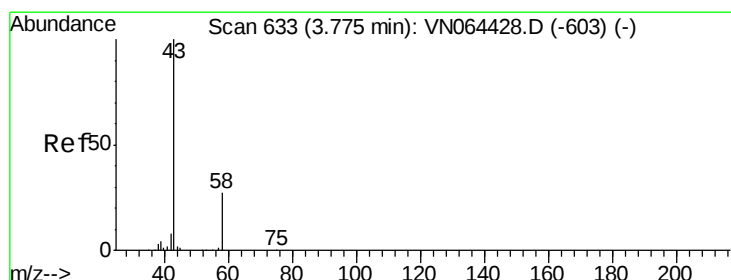
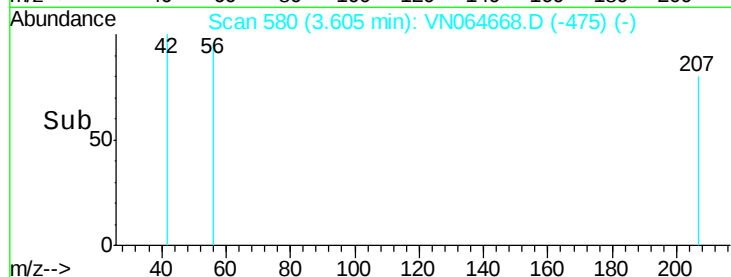
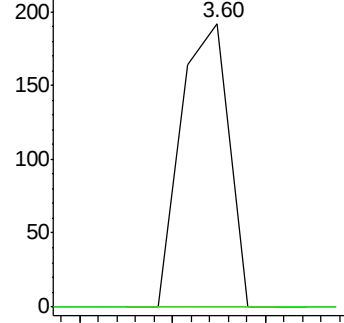
56 100

55 0.0 55.9 83.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 13.186 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064668.D

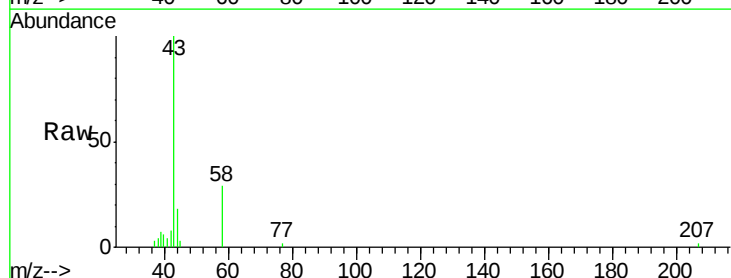
Acq: 16 Nov 2020 18:25

Tgt Ion: 43 Resp: 22131

Ion Ratio Lower Upper

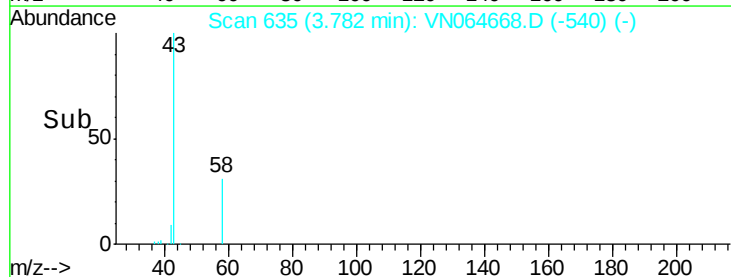
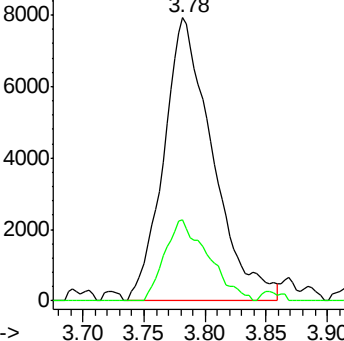
43 100

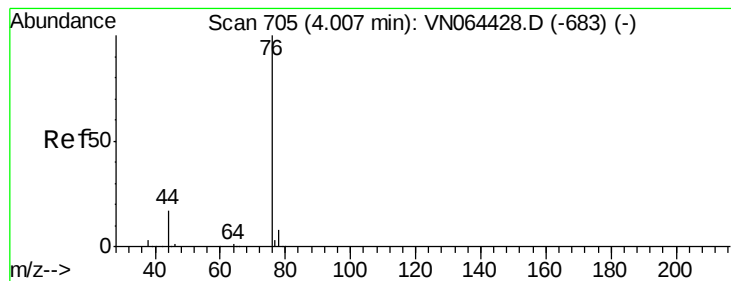
58 28.7 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 0.237 ug/l

RT: 4.02 min Scan# 708

Delta R.T. 0.01 min

Lab File: VN064668.D

Acq: 16 Nov 2020 18:25

Instrument :

MSVOA_N

ClientSampled :

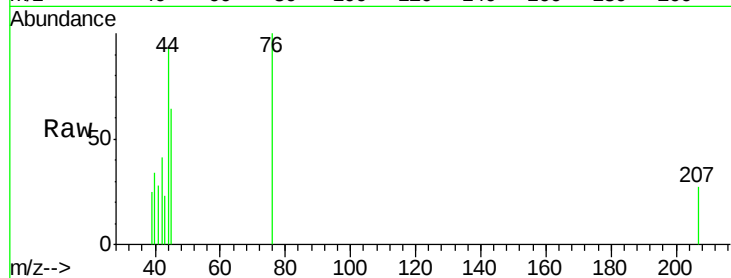
MW-1

Tot Ion: 76 Resp: 1915

Ion Ratio Lower Upper

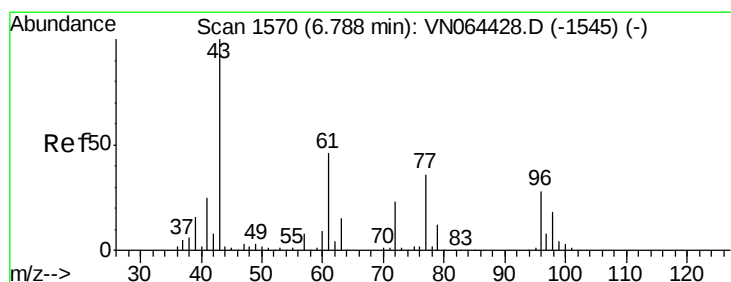
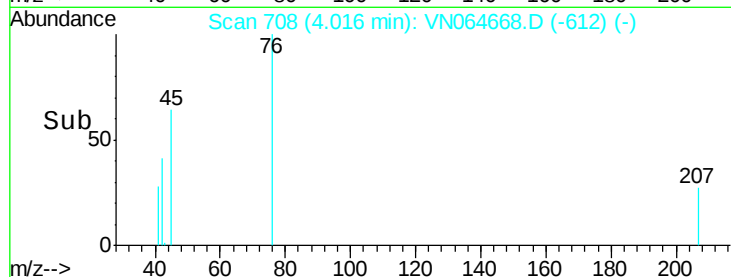
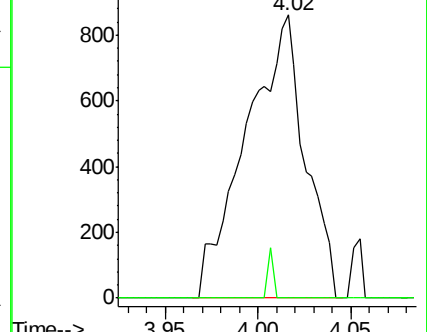
76 100

78 0.0 6.8 10.2#



Abundance Ion 75.90 (75.60 to 76.60): VN064428.D (-683) (-)

Ion 77.90 (77.60 to 78.60): VN064428.D (-683) (-)



#25

2-Butanone

Concen: 2.148 ug/l

RT: 6.81 min Scan# 1577

Delta R.T. 0.02 min

Lab File: VN064668.D

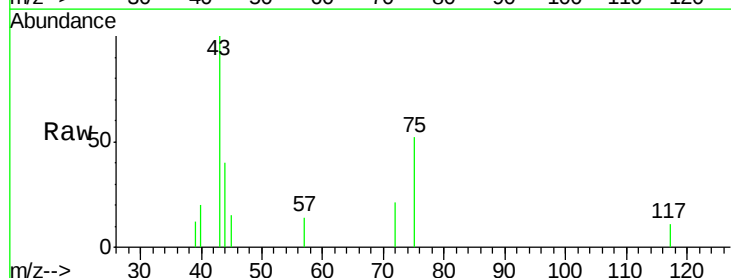
Acq: 16 Nov 2020 18:25

Tgt Ion: 43 Resp: 4594

Ion Ratio Lower Upper

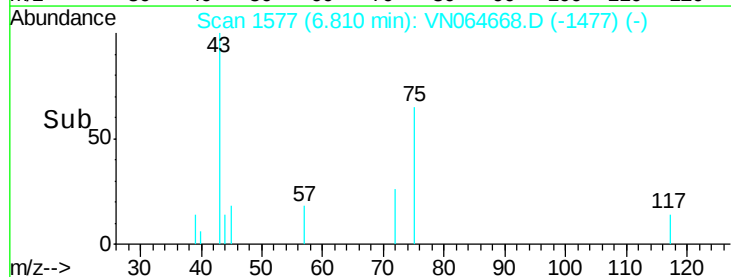
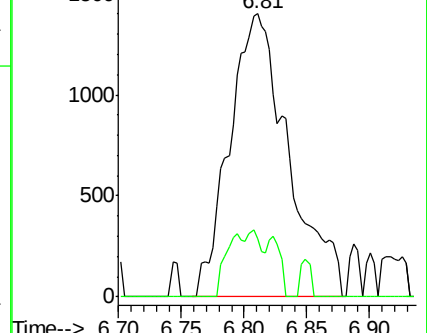
43 100

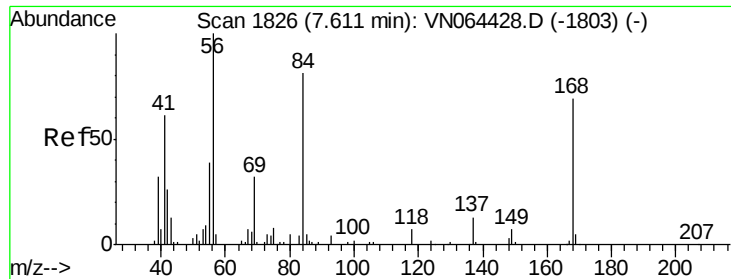
72 20.6 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-1545) (-)

Ion 72.00 (71.70 to 72.70): VN064428.D (-1545) (-)

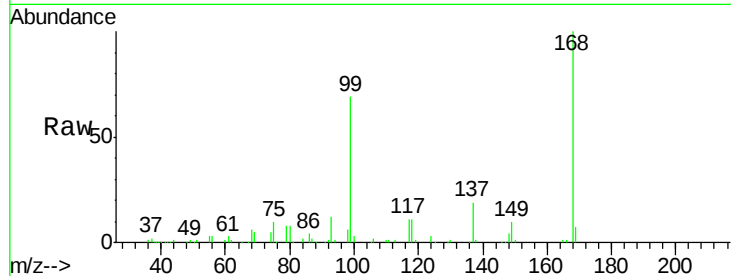




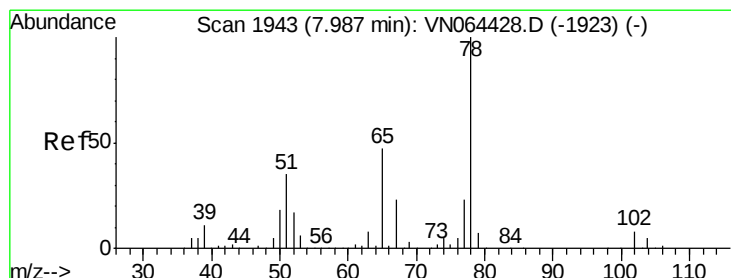
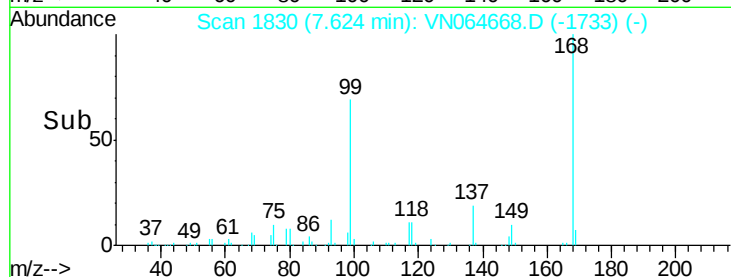
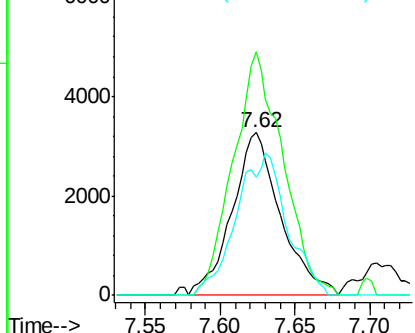
#31
Cyclohexane
Concen: 1.382 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN064668.D
Acq: 16 Nov 2020 18:25

Instrument :
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ClientSampled :
MW-1

Tot Ion: 56 Resp: 7400
Ion Ratio Lower Upper
56 100
69 149.4 25.6 38.4#
84 72.3 63.0 94.6

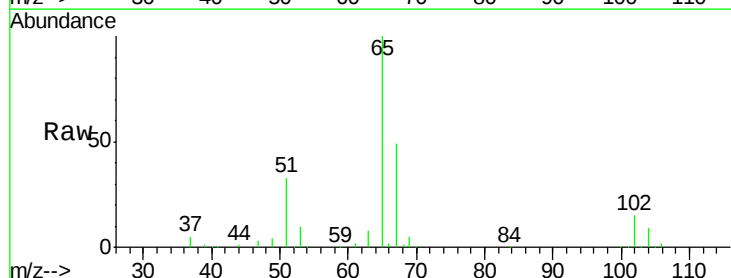


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

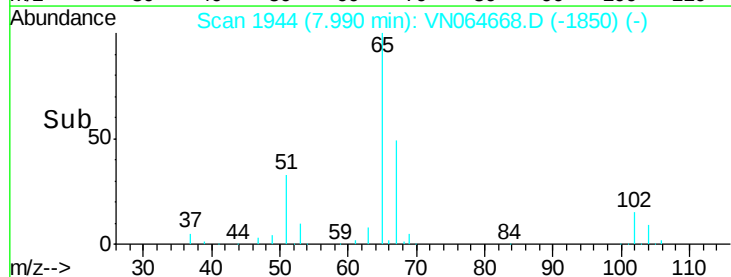
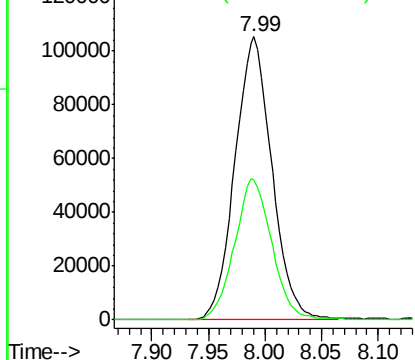


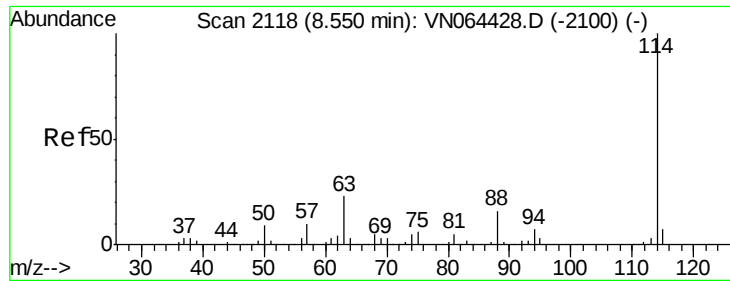
#33
1,2-Dichloroethane-d4
Concen: 54.328 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN064668.D
Acq: 16 Nov 2020 18:25

Tgt Ion: 65 Resp: 239370
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.6



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

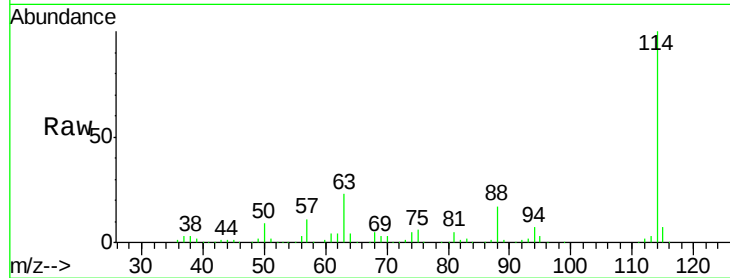




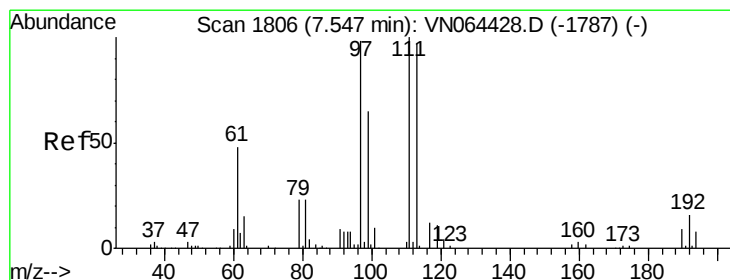
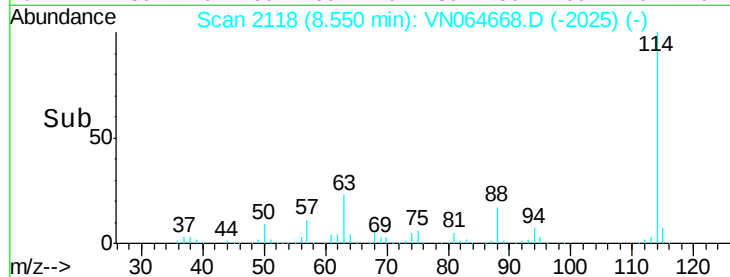
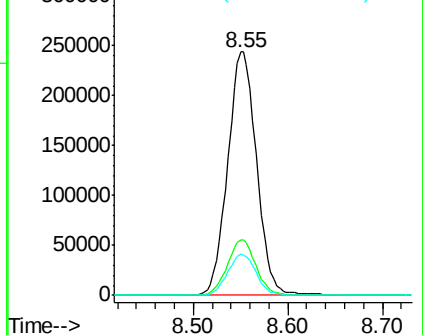
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064668.D
 Acq: 16 Nov 2020 18:25

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Tot Ion:114 Resp: 517377
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.6
 88 16.8 0.0 32.8

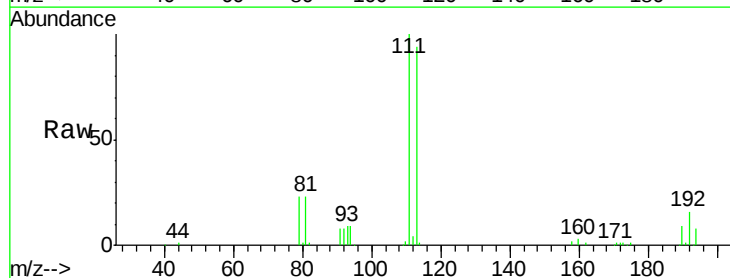


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

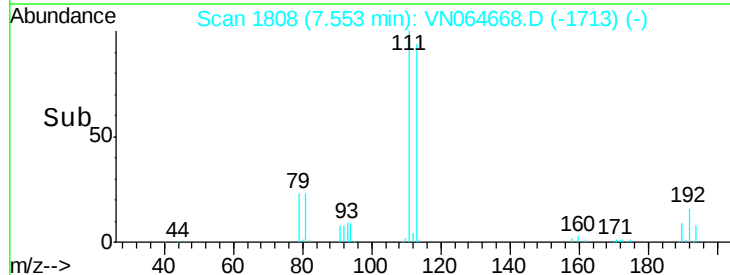
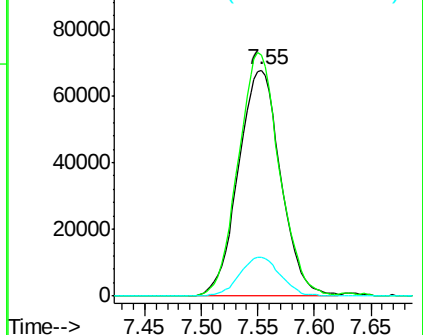


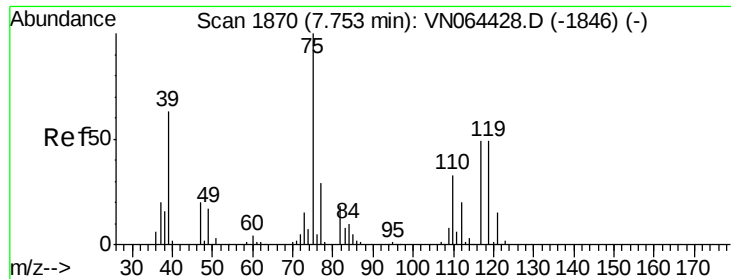
#35
 Dibromofluoromethane
 Concen: 49.943 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VN064668.D
 Acq: 16 Nov 2020 18:25

Tgt Ion:113 Resp: 175932
 Ion Ratio Lower Upper
 113 100
 111 104.7 81.1 121.7
 192 16.6 12.8 19.2



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

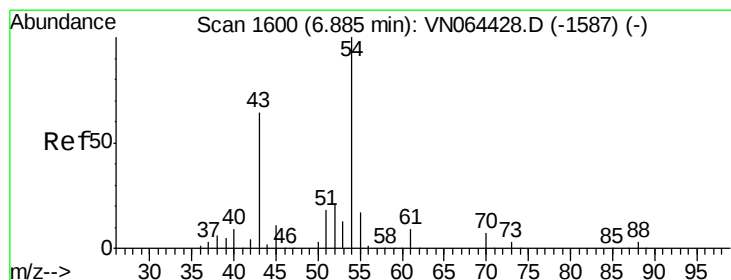
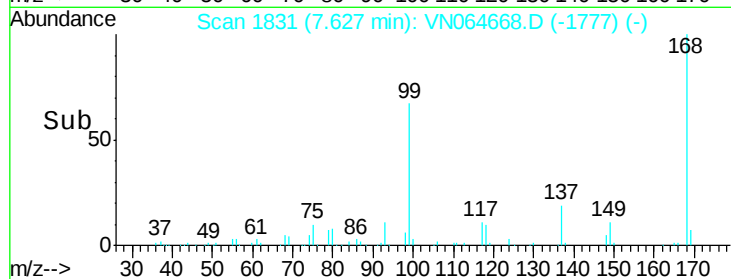
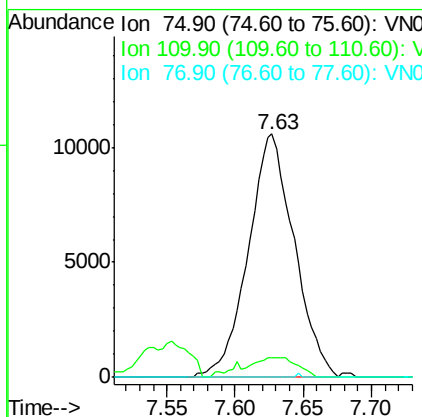
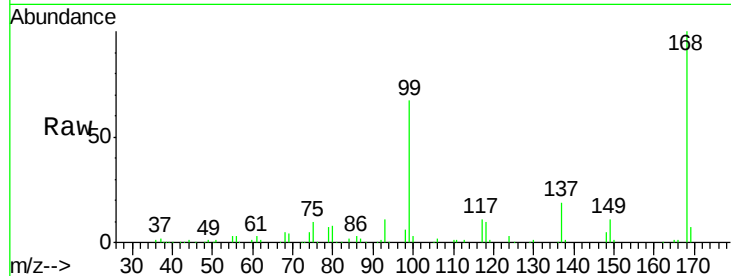




#36
 1,1-Dichloropropene
 Concen: 4.521 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN064668.D
 Acq: 16 Nov 2020 18:25

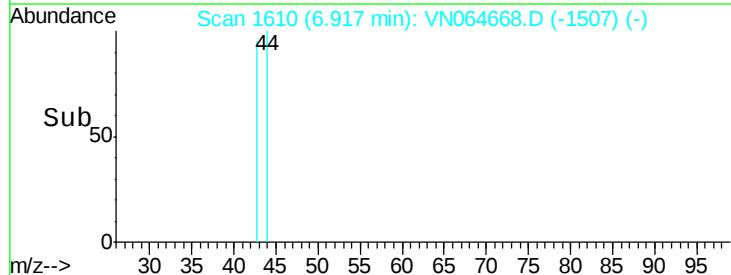
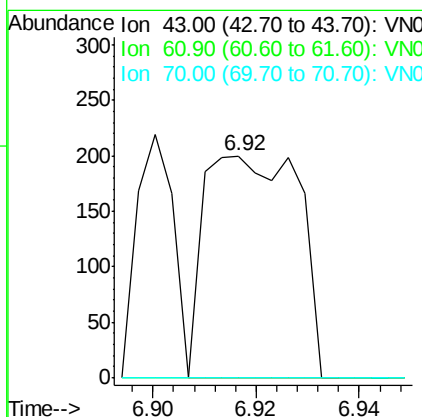
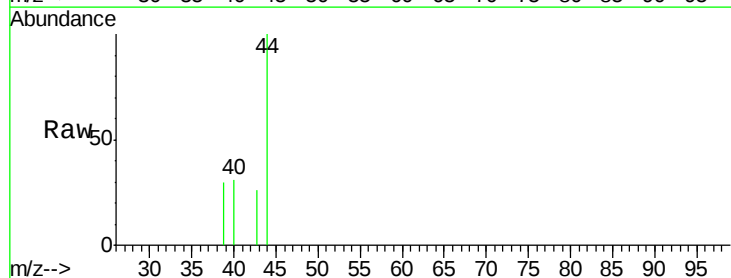
Instrument :
 MSVOA_N
 ClientSampled :
 MW-1

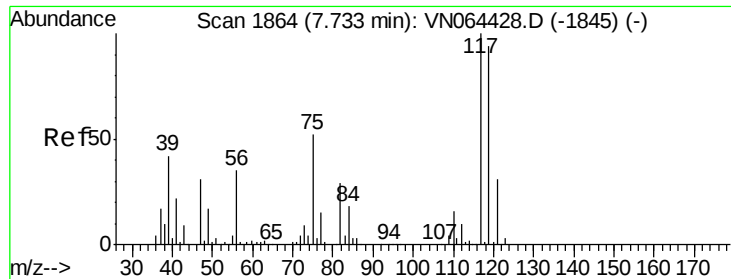
Tot Ion: 75 Resp: 24712
 Ion Ratio Lower Upper
 75 100
 110 7.4 16.0 48.0#
 77 0.1 24.0 36.0#



#37
 Ethyl Acetate
 Concen: 0.807 ug/l
 RT: 6.92 min Scan# 1610
 Delta R.T. 0.03 min
 Lab File: VN064668.D
 Acq: 16 Nov 2020 18:25

Tgt Ion: 43 Resp: 253
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.0 15.0#
 70 0.0 7.1 10.7#





#38

Carbon Tetrachloride

Concen: 5.089 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN064668.D

Acq: 16 Nov 2020 18:25

Instrument :

MSVOA_N

ClientSampled :

MW-1

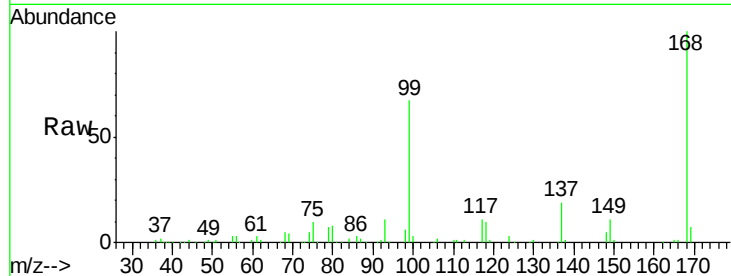
Tot Ion:117 Resp: 29727

Ion Ratio Lower Upper

117 100

119 5.8 75.5 113.3#

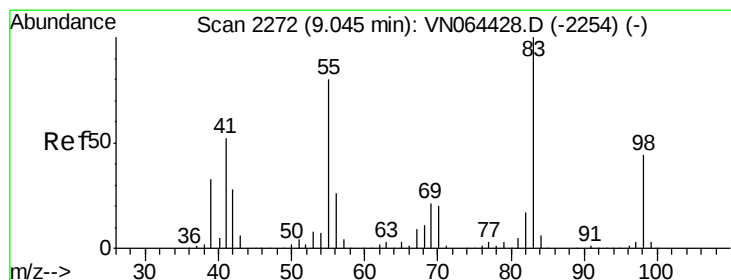
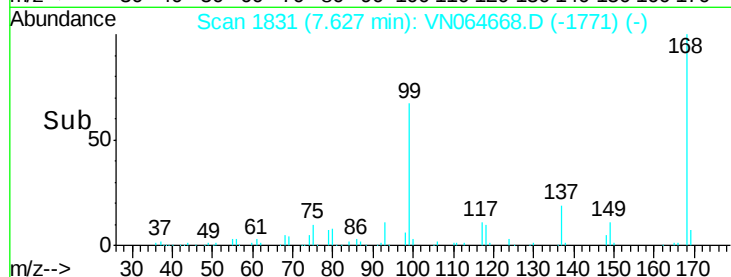
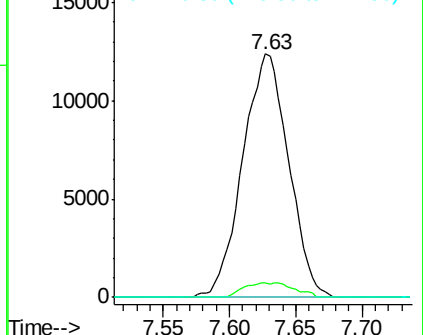
121 0.0 24.4 36.6#



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



#39

Methylcyclohexane

Concen: 0.311 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN064668.D

Acq: 16 Nov 2020 18:25

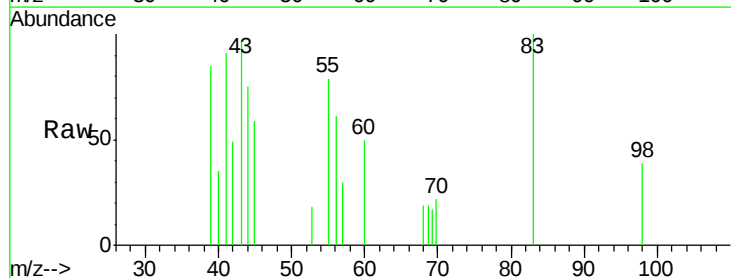
Tgt Ion: 83 Resp: 1524

Ion Ratio Lower Upper

83 100

55 79.1 63.8 95.6

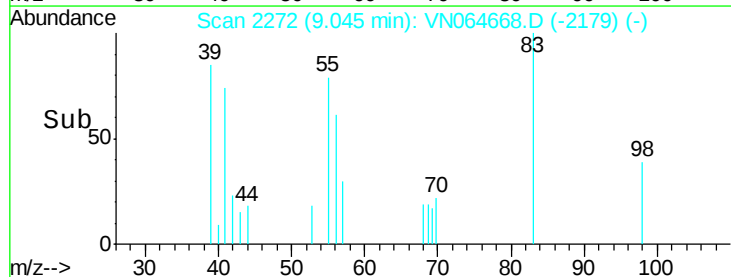
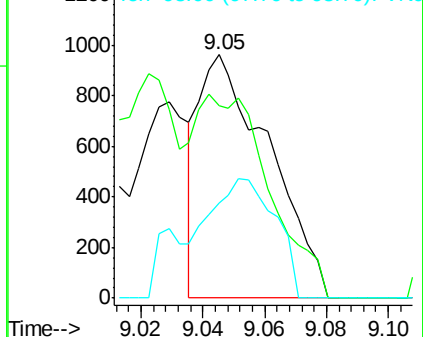
98 38.8 35.4 53.2

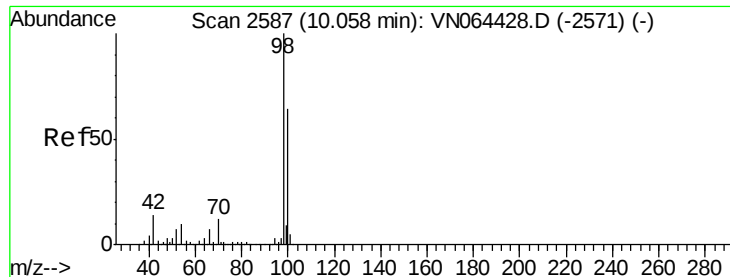


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#50

Toluene-d8

Concen: 48.484 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064668.D

Acq: 16 Nov 2020 18:25

Instrument :

MSVOA_N

ClientSampled :

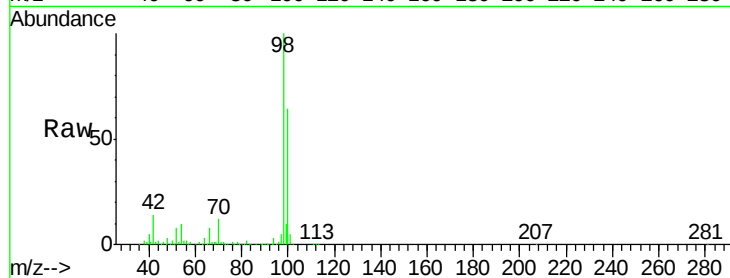
MW-1

Tot Ion: 98 Resp: 660103

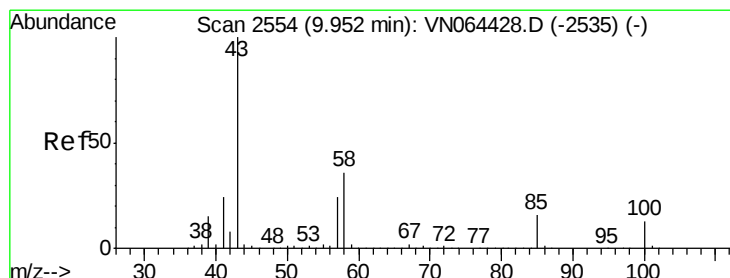
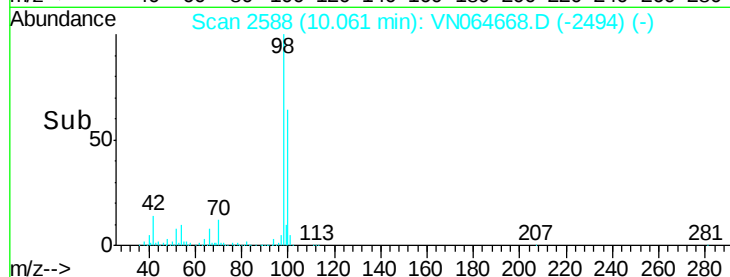
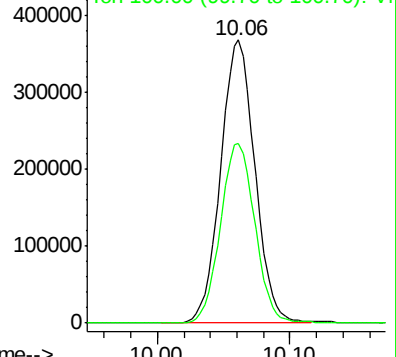
Ion Ratio Lower Upper

98 100

100 64.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN064428.D (-2571) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.318 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN064668.D

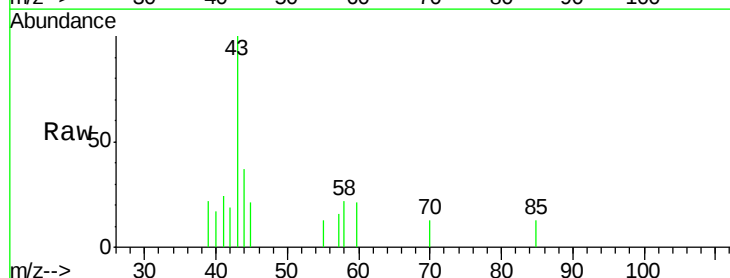
Acq: 16 Nov 2020 18:25

Tgt Ion: 43 Resp: 1644

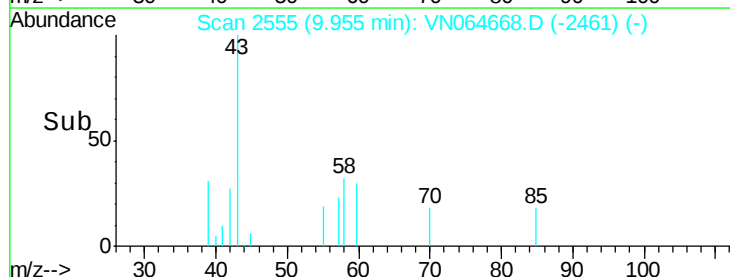
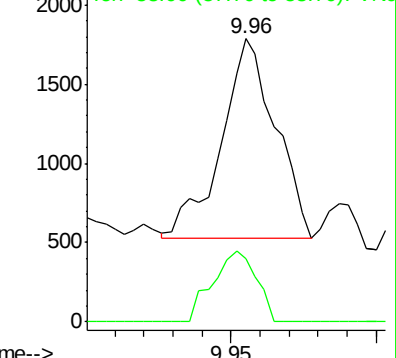
Ion Ratio Lower Upper

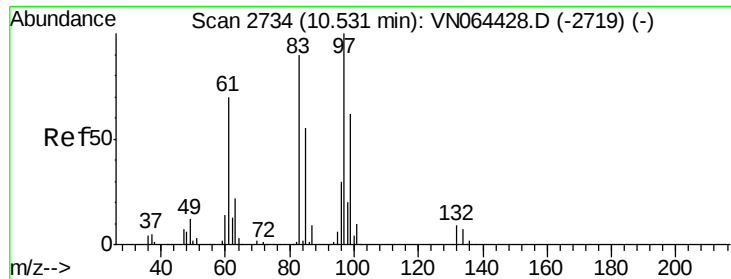
43 100

58 28.2 28.4 42.6#



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-2535) (-)

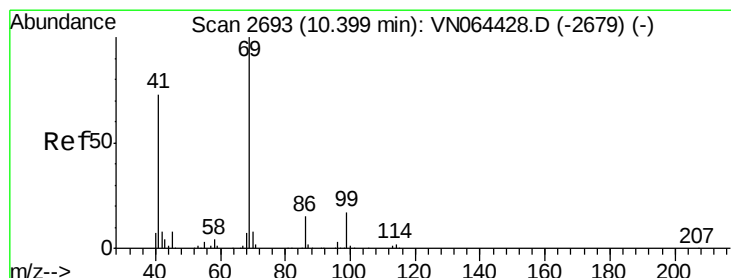
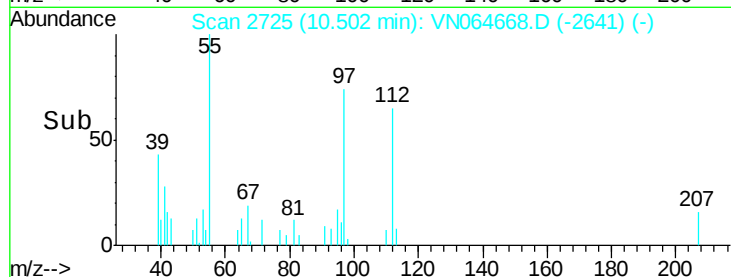
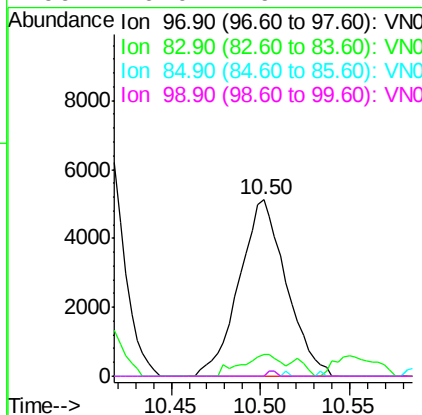
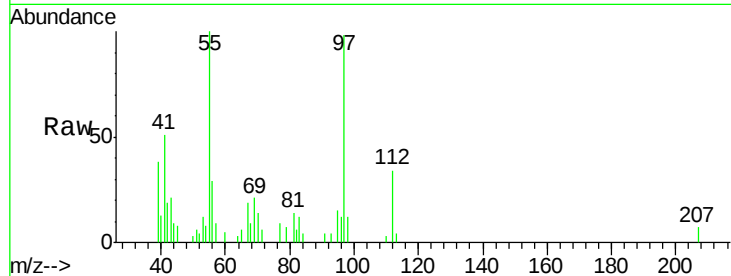




#55
 1,1,2-Trichloroethane
 Concen: 2.473 ug/l
 RT: 10.50 min Scan# 2725
 Delta R.T. -0.03 min
 Lab File: VN064668.D
 Acq: 16 Nov 2020 18:25

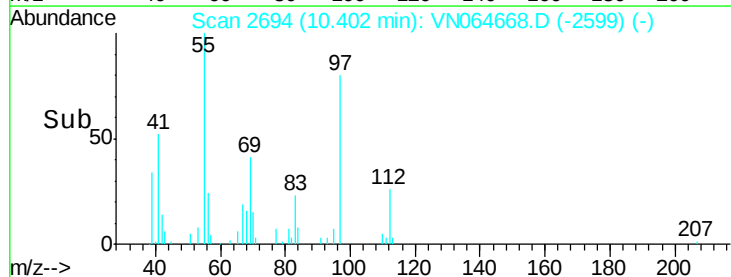
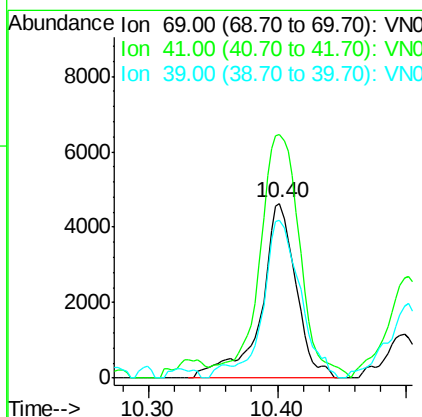
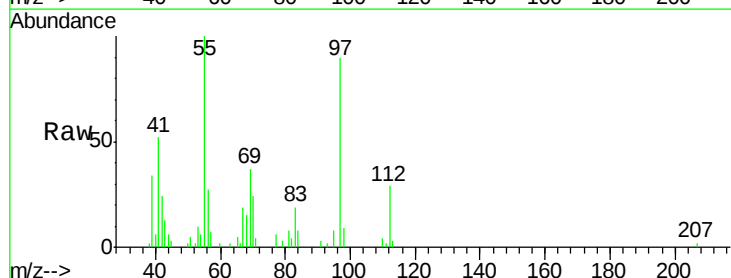
Instrument :
 MSVOA_N
 ClientSampled :
 MW-1

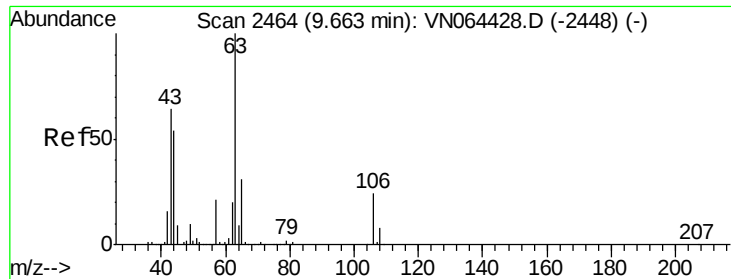
Tot Ion: 97 Resp: 9448
 Ion Ratio Lower Upper
 97 100
 83 12.0 71.7 107.5#
 85 0.0 44.3 66.5#
 99 0.0 49.4 74.2#



#56
 Ethyl methacrylate
 Concen: 3.185 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064668.D
 Acq: 16 Nov 2020 18:25

Tgt Ion: 69 Resp: 8770
 Ion Ratio Lower Upper
 69 100
 41 159.8 59.3 88.9#
 39 93.3 35.4 53.0#

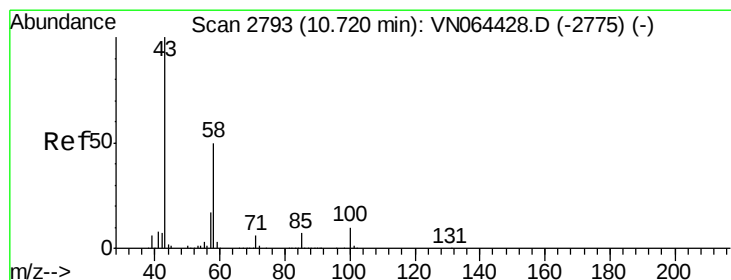
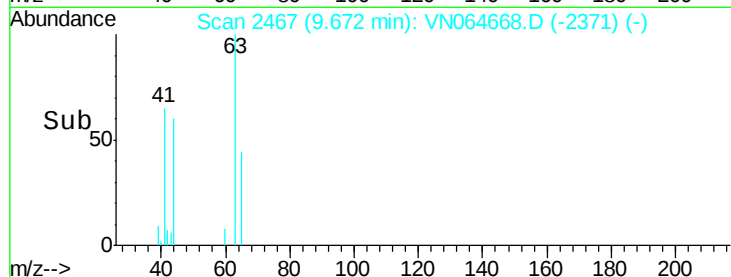
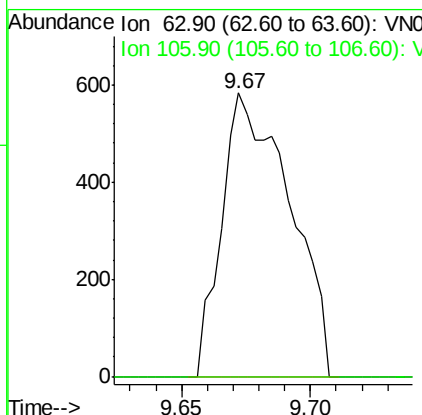
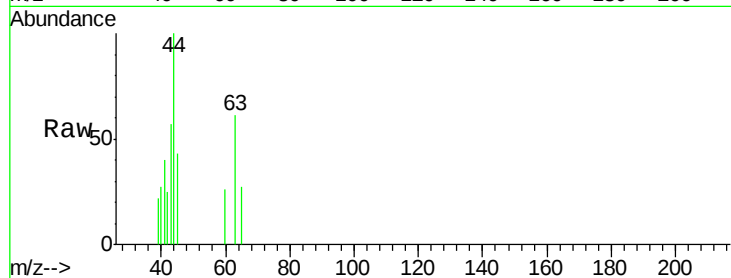




#58
 2-Chloroethyl Vinyl ether
 Concen: 21.868 ug/l
 RT: 9.67 min Scan# 2467
 Delta R.T. 0.01 min
 Lab File: VN064668.D
 Acq: 16 Nov 2020 18:25

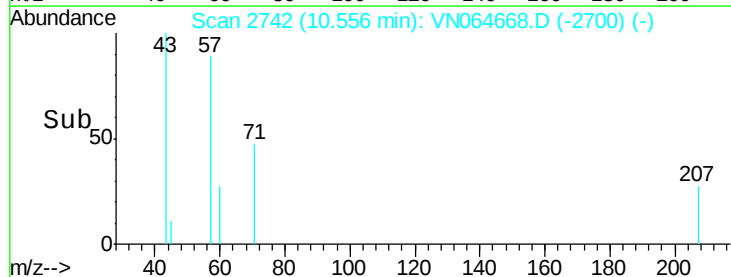
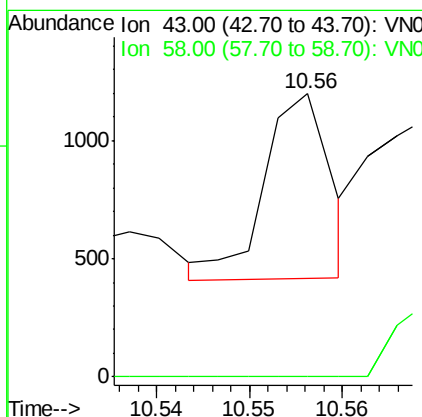
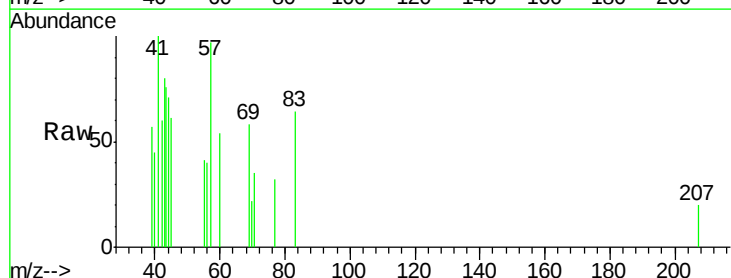
Instrument :
 MSVOA_N
 ClientSampled :
 MW-1

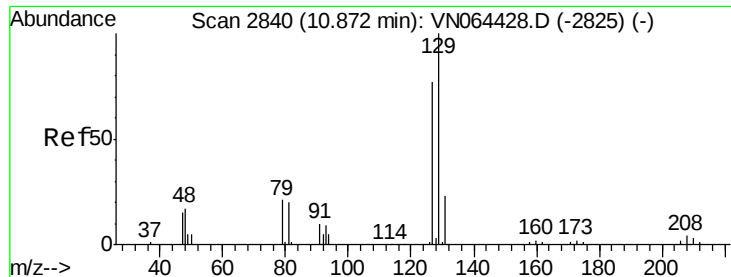
Tot Ion: 63 Resp: 1072
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.5 29.3#



#59
 2-Hexanone
 Concen: 4.119 ug/l
 RT: 10.56 min Scan# 2742
 Delta R.T. -0.16 min
 Lab File: VN064668.D
 Acq: 16 Nov 2020 18:25

Tgt Ion: 43 Resp: 388
 Ion Ratio Lower Upper
 43 100
 58 66.8 24.7 74.1





#60

Dibromochloromethane

Concen: 0.307 ug/l

RT: 10.60 min Scan# 2755

Delta R.T. -0.27 min

Lab File: VN064668.D

Acq: 16 Nov 2020 18:25

Instrument :

MSVOA_N

ClientSampleId :

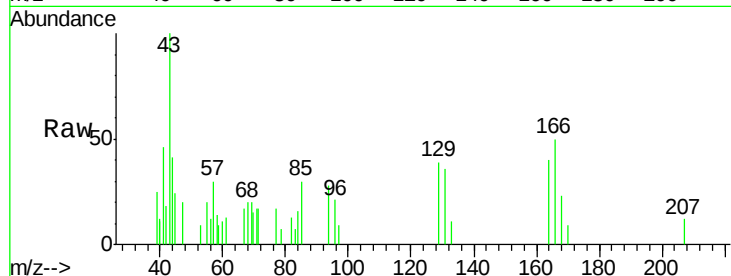
MW-1

Tot Ion:129 Resp: 1313

Ion Ratio Lower Upper

129 100

127 0.0 38.9 116.7#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.60

800

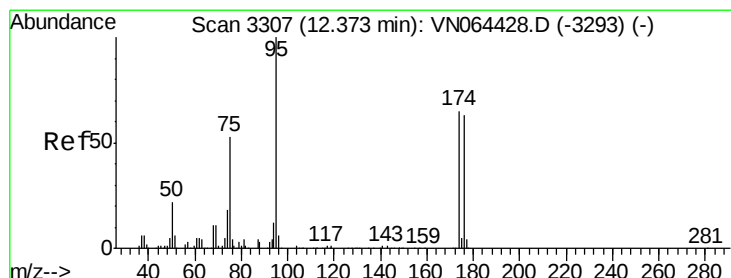
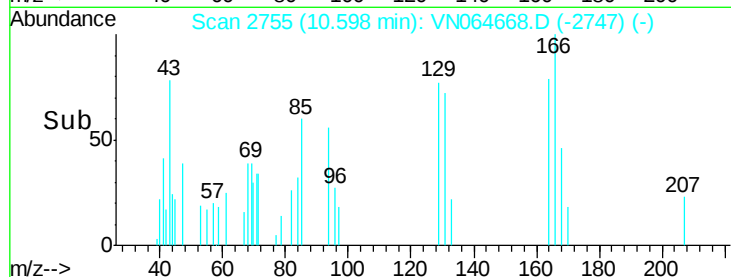
600

400

200

0

Time-->



#62

4-Bromofluorobenzene

Concen: 60.660 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064668.D

Acq: 16 Nov 2020 18:25

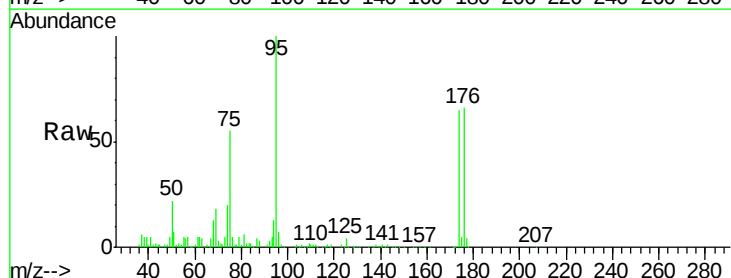
Tgt Ion: 95 Resp: 312340

Ion Ratio Lower Upper

95 100

174 66.9 0.0 132.6

176 65.4 0.0 129.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

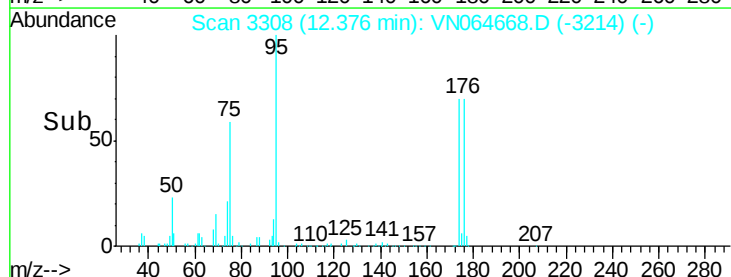
150000

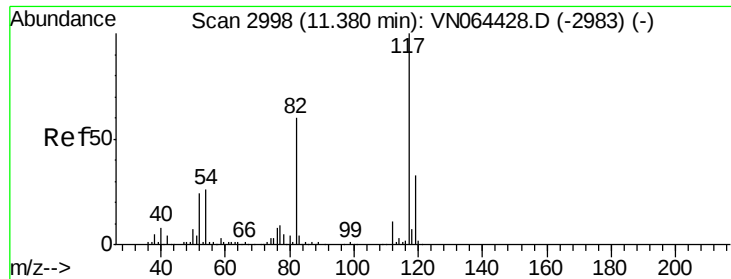
100000

50000

0

Time-->

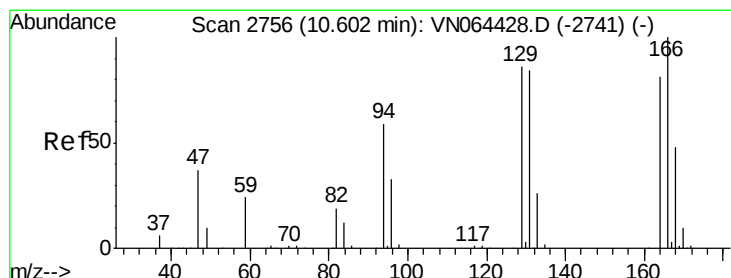
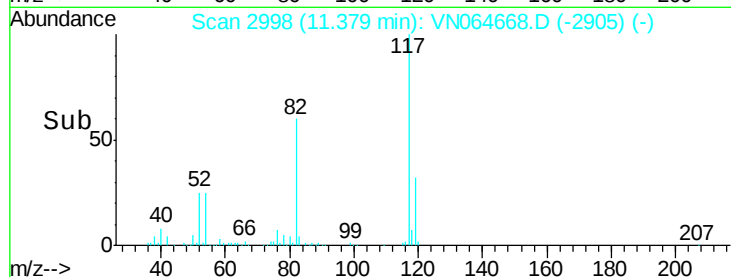
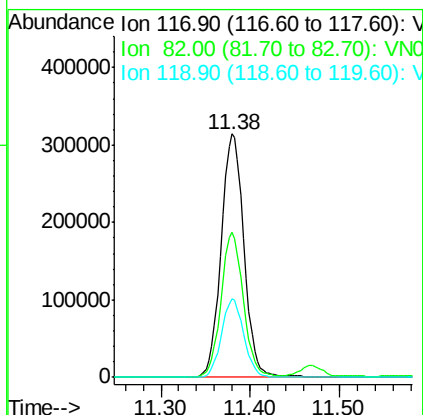
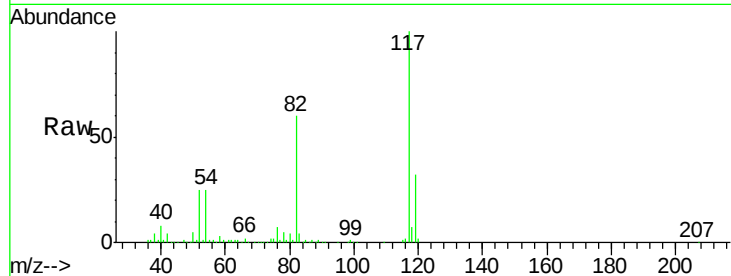




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064668.D
Acq: 16 Nov 2020 18:25

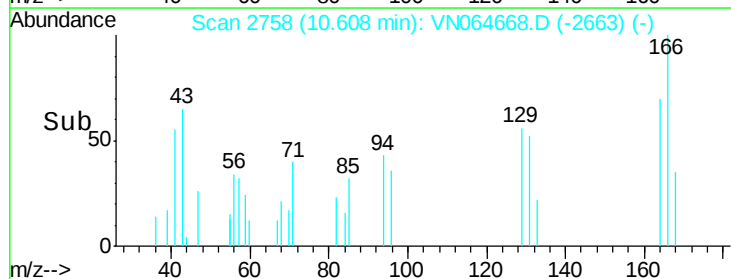
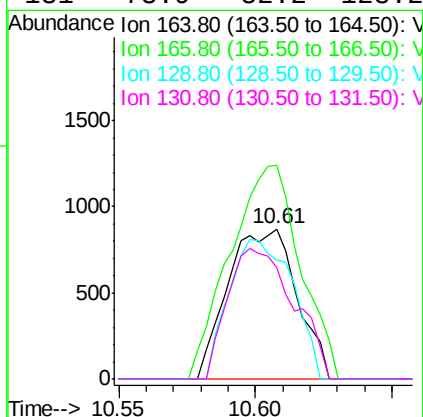
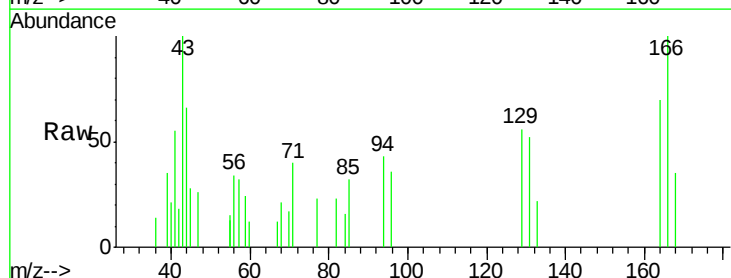
Instrument :
MSVOA_N
ClientSampleId :
MW-1

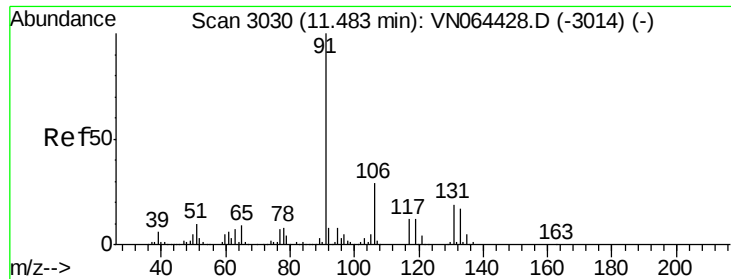
Tot Ion:117 Resp: 555867
Ion Ratio Lower Upper
117 100
82 59.5 48.1 72.1
119 32.1 26.2 39.4



#64
Tetrachloroethene
Concen: 0.356 ug/l
RT: 10.61 min Scan# 2758
Delta R.T. 0.01 min
Lab File: VN064668.D
Acq: 16 Nov 2020 18:25

Tgt Ion:164 Resp: 1525
Ion Ratio Lower Upper
164 100
166 142.0 98.2 147.2
129 79.4 84.6 127.0#
131 73.9 82.2 123.2#

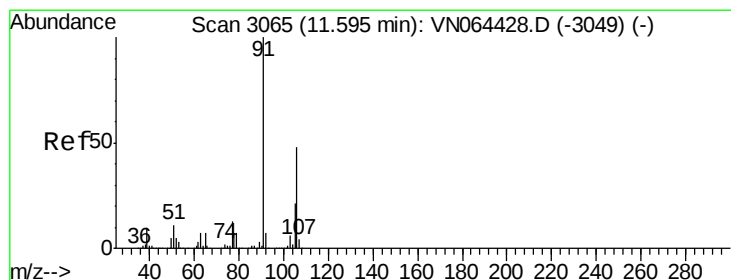
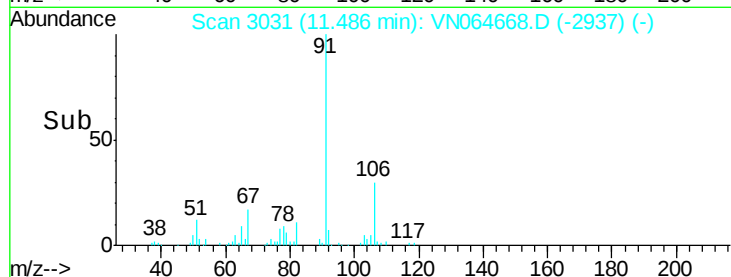
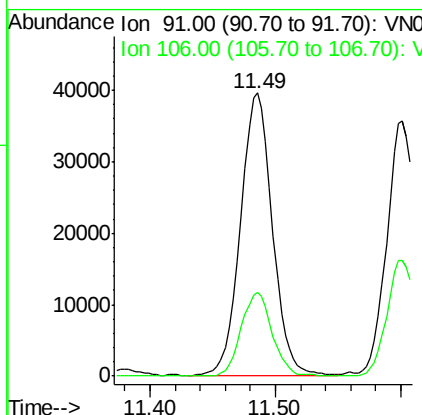
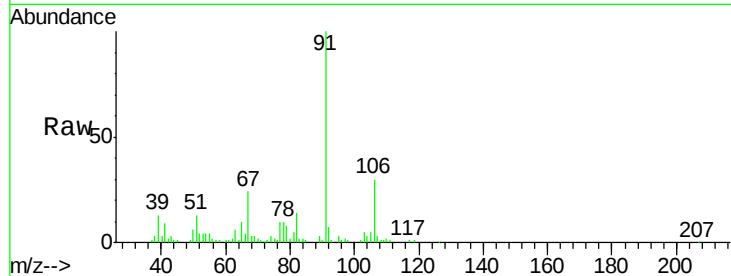




#67
Ethyl Benzene
Concen: 3.253 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064668.D
Acq: 16 Nov 2020 18:25

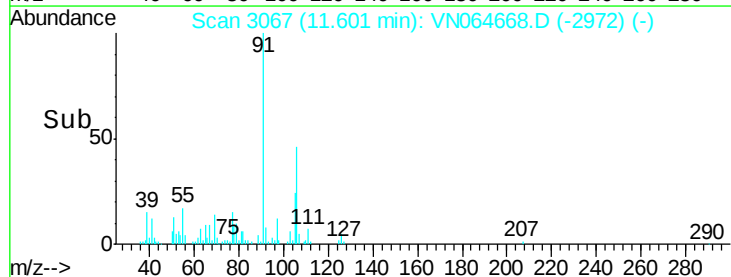
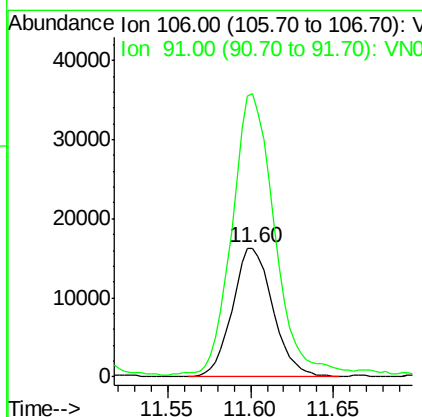
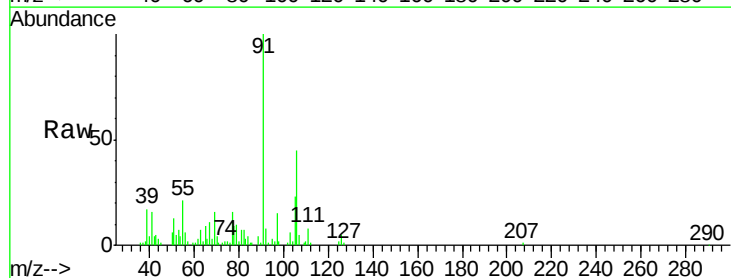
Instrument :
MSVOA_N
ClientSampled :
MW-1

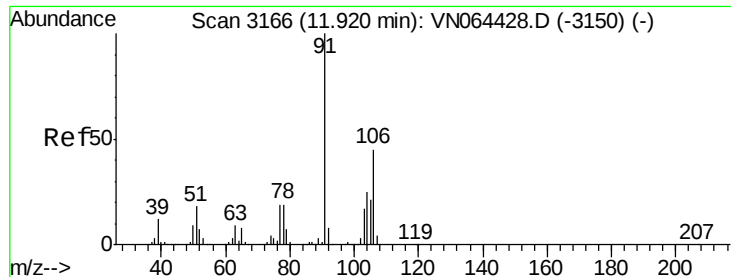
Tot Ion: 91 Resp: 70518
Ion Ratio Lower Upper
91 100
106 29.6 23.6 35.4



#68
m/p-Xylenes
Concen: 3.526 ug/l
RT: 11.60 min Scan# 3067
Delta R.T. 0.01 min
Lab File: VN064668.D
Acq: 16 Nov 2020 18:25

Tgt Ion: 106 Resp: 27720
Ion Ratio Lower Upper
106 100
91 227.8 169.4 254.2

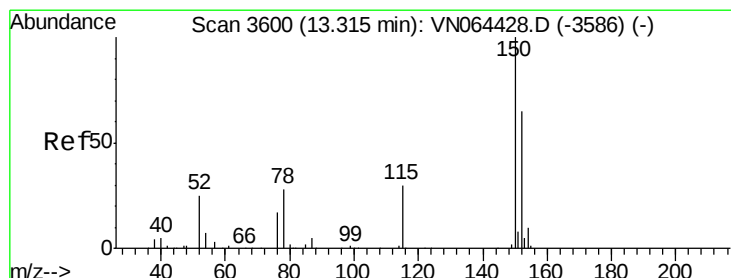
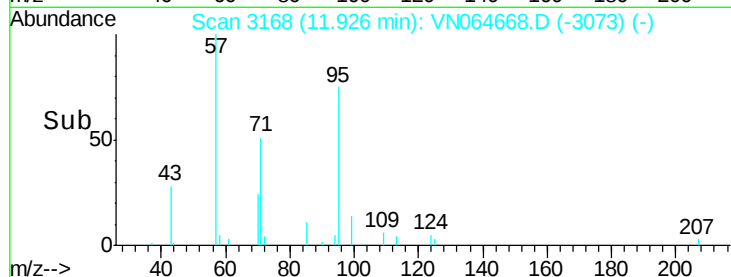
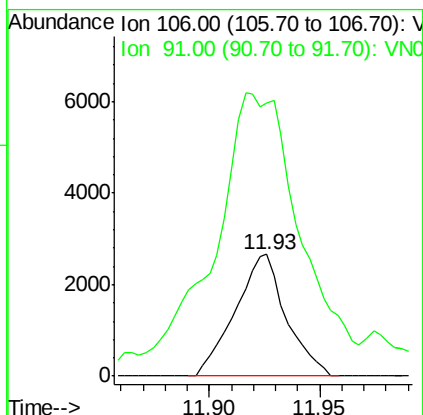
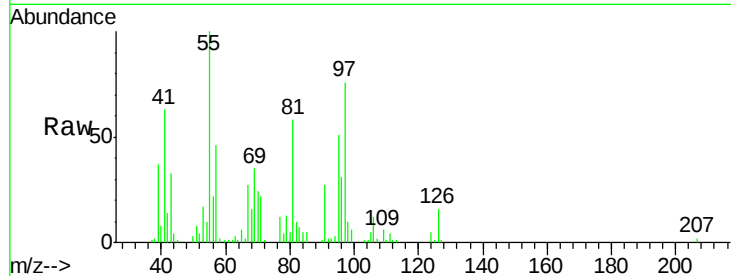




#69
o-Xylene
Concen: 0.561 ug/l
RT: 11.93 min Scan# 3168
Delta R.T. 0.01 min
Lab File: VN064668.D
Acq: 16 Nov 2020 18:25

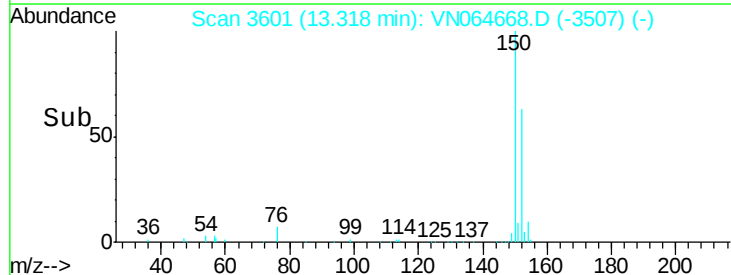
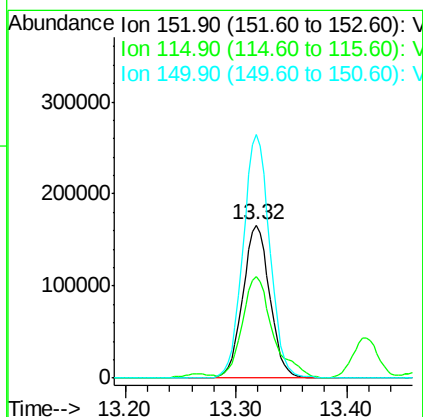
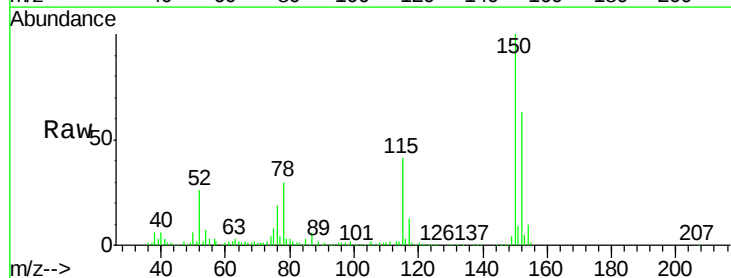
Instrument :
MSVOA_N
ClientSampleID :
MW-1

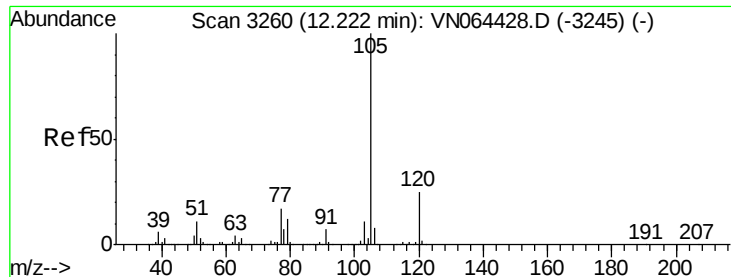
Tot Ion:106 Resp: 4263
Ion Ratio Lower Upper
106 100
91 374.0 111.7 334.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064668.D
Acq: 16 Nov 2020 18:25

Tgt Ion:152 Resp: 281666
Ion Ratio Lower Upper
152 100
115 73.7 32.0 96.0
150 157.1 0.0 353.8





#73

Isopropylbenzene

Concen: 84.092 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064668.D

Acq: 16 Nov 2020 18:25

Instrument :

MSVOA_N

ClientSampleId :

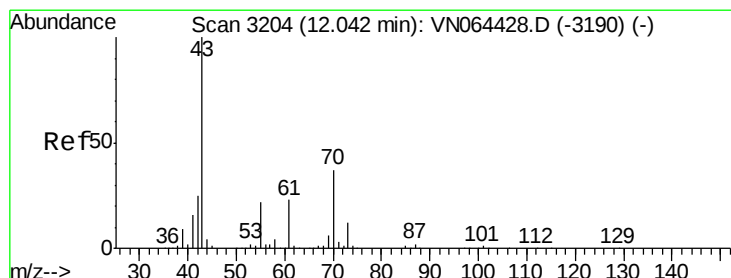
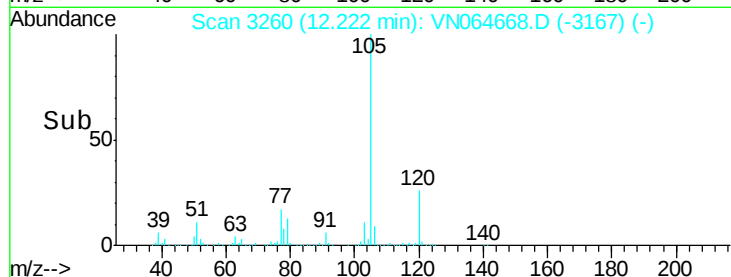
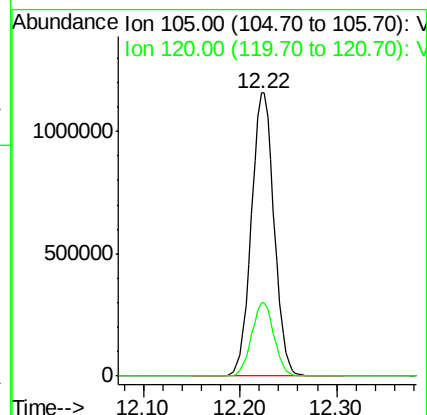
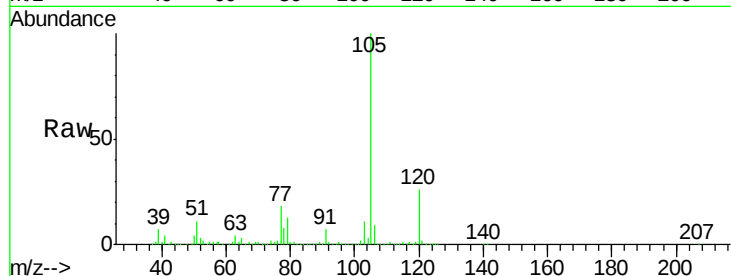
MW-1

Tot Ion:105 Resp: 1882621

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.3



#74

N-ethyl acetate

Concen: 5.474 ug/l

RT: 12.02 min Scan# 3197

Delta R.T. -0.02 min

Lab File: VN064668.D

Acq: 16 Nov 2020 18:25

Tgt Ion: 43 Resp: 47408

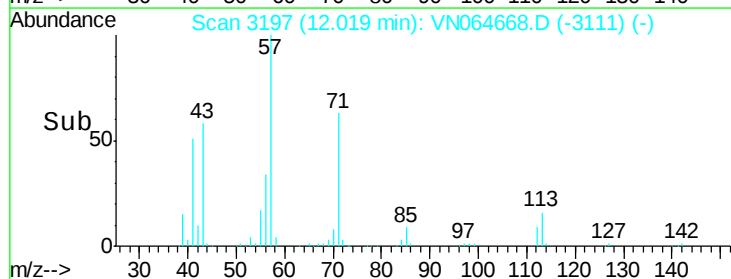
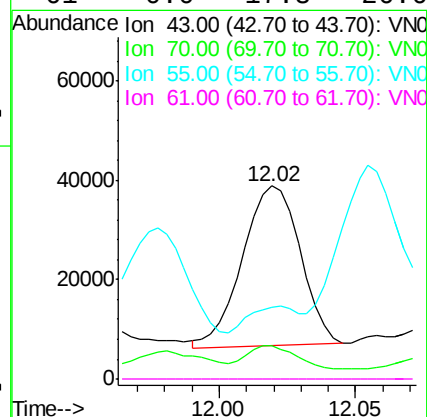
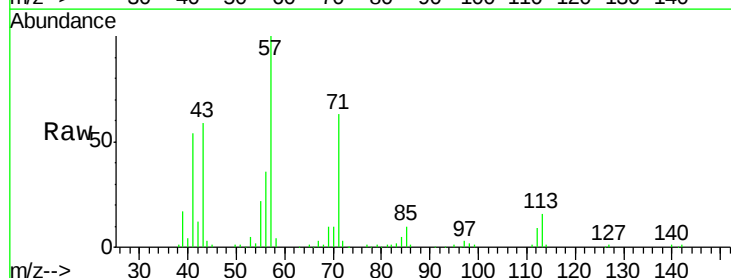
Ion Ratio Lower Upper

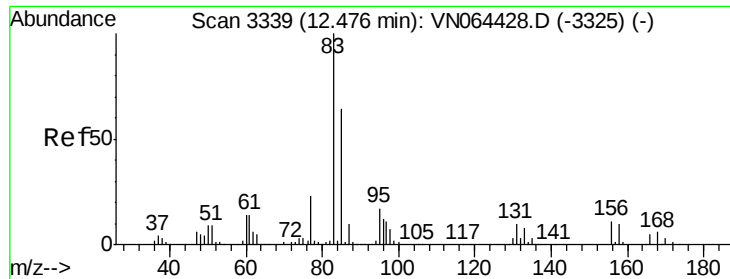
43 100

70 11.9 29.6 44.4#

55 17.1 18.4 27.6#

61 0.0 17.8 26.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.945 ug/l

RT: 12.45 min Scan# 3331

Delta R.T. -0.03 min

Lab File: VN064668.D

Acq: 16 Nov 2020 18:25

Instrument :

MSVOA_N

ClientSampled :

MW-1

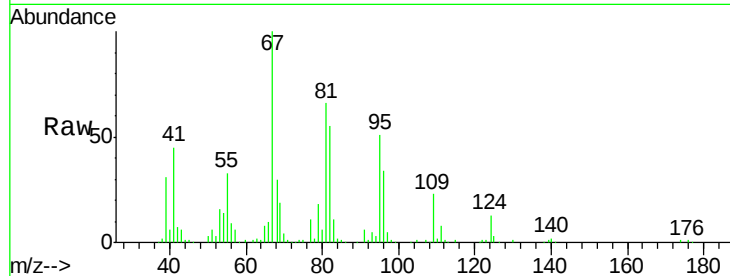
Tot Ion: 83 Resp: 13374

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

85 0.0 32.1 96.5#

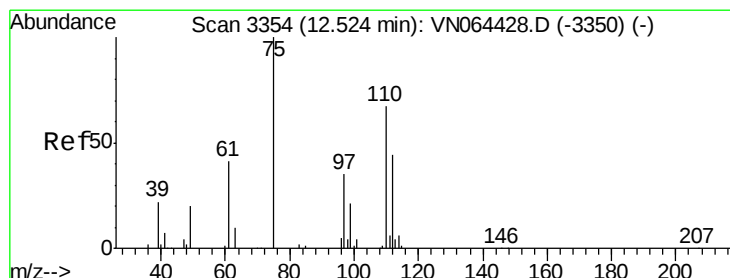
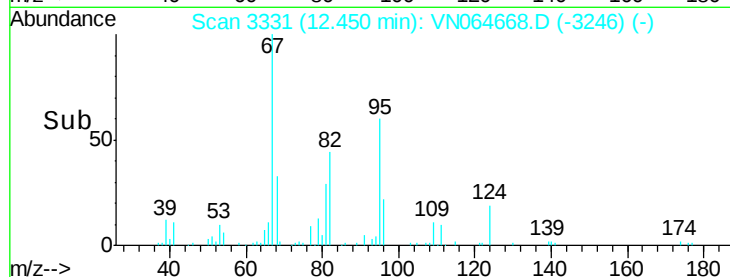


Abundance Ion 82.90 (82.60 to 83.60): VN064428.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN064428.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN064428.D (-3325) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 4.184 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.04 min

Lab File: VN064668.D

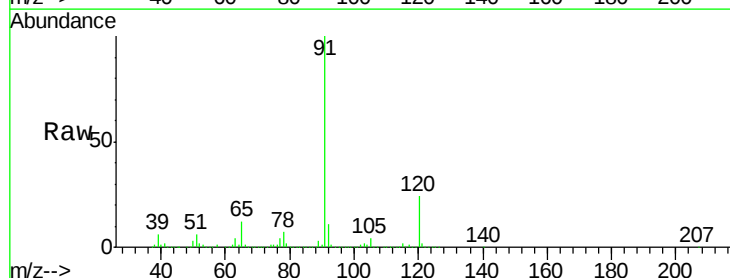
Acq: 16 Nov 2020 18:25

Tgt Ion: 75 Resp: 28551

Ion Ratio Lower Upper

75 100

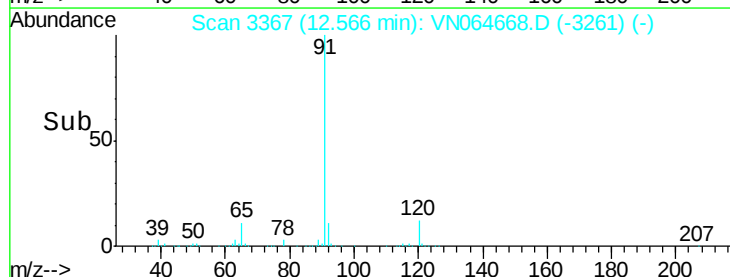
77 633.6 0.0 0.0#

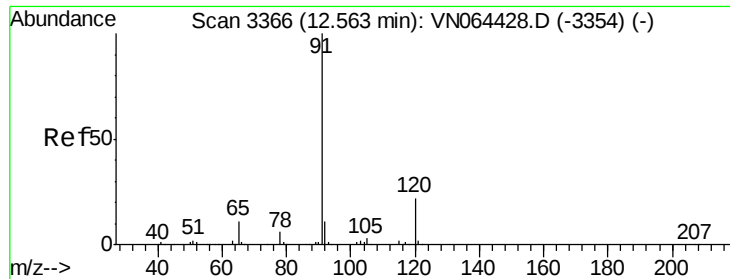


Abundance Ion 74.90 (74.60 to 75.60): VN064428.D (-3350) (-)

Ion 77.00 (76.70 to 77.70): VN064428.D (-3350) (-)

Time-->





#78

n-propylbenzene

Concen: 157.697 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064668.D

Acq: 16 Nov 2020 18:25

Instrument :

MSVOA_N

ClientSampleId :

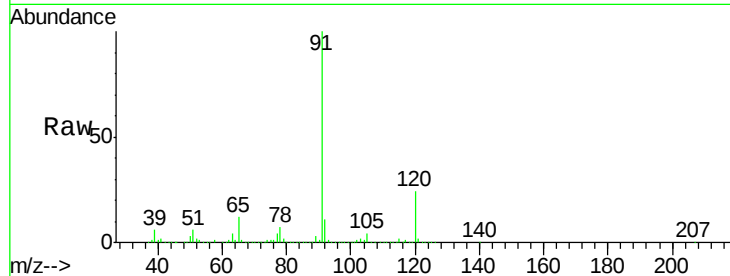
MW-1

Tot Ion: 91 Resp: 4024995

Ion Ratio Lower Upper

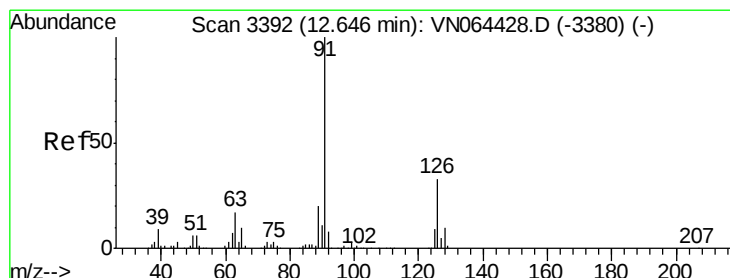
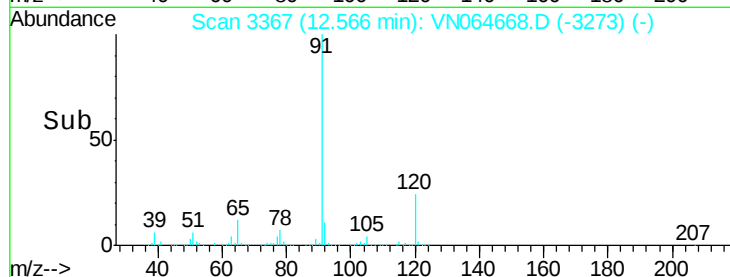
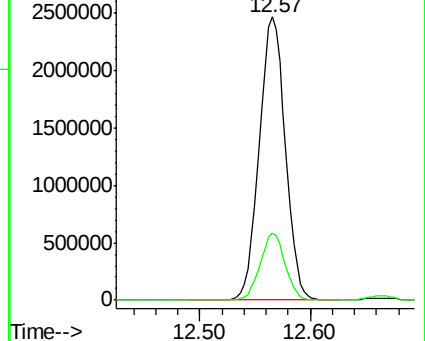
91 100

120 22.7 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 248.637 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.08 min

Lab File: VN064668.D

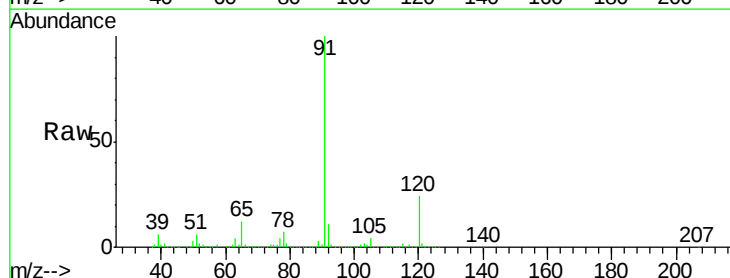
Acq: 16 Nov 2020 18:25

Tgt Ion: 91 Resp: 4024995

Ion Ratio Lower Upper

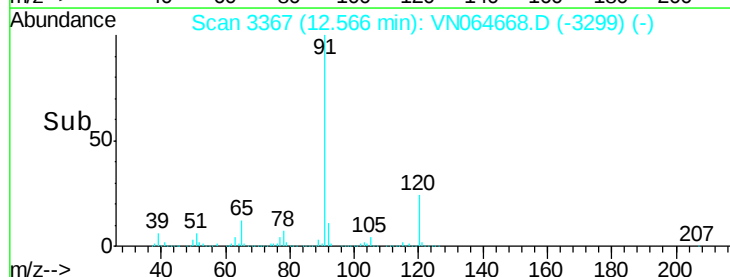
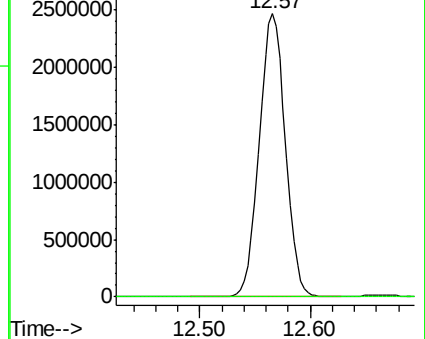
91 100

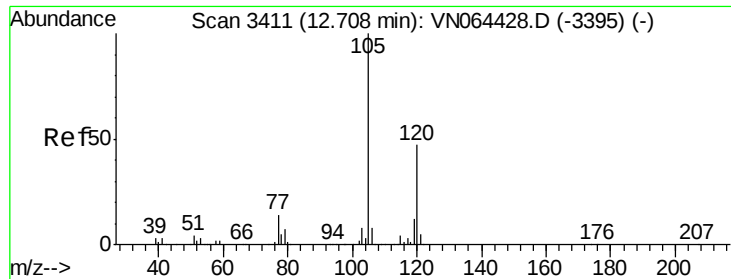
126 0.0 16.4 49.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 12.343 ug/l

RT: 12.66 min Scan# 3397

Delta R.T. -0.05 min

Lab File: VN064668.D

Acq: 16 Nov 2020 18:25

Instrument :

MSVOA_N

ClientSampleId :

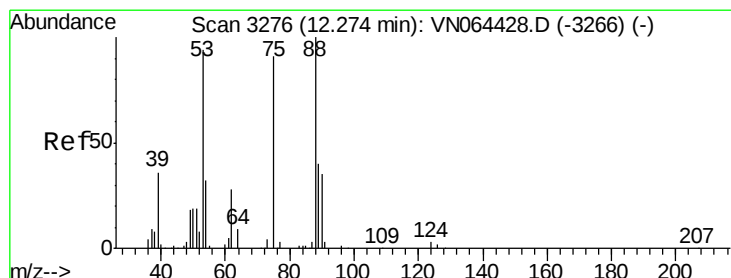
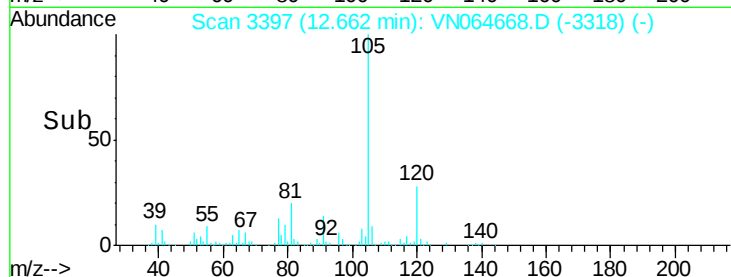
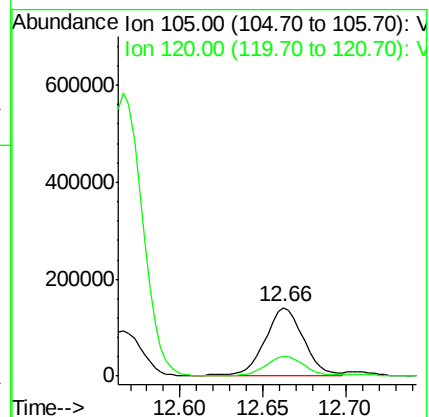
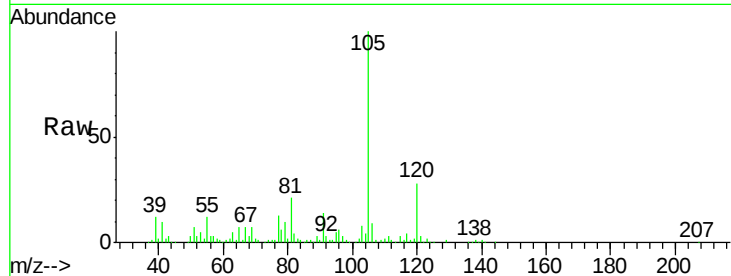
MW-1

Tot Ion:105 Resp: 227960

Ion Ratio Lower Upper

105 100

120 26.6 23.4 70.2



#81

trans-1,4-Dichloro-2-butene

Concen: 10.508 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.05 min

Lab File: VN064668.D

Acq: 16 Nov 2020 18:25

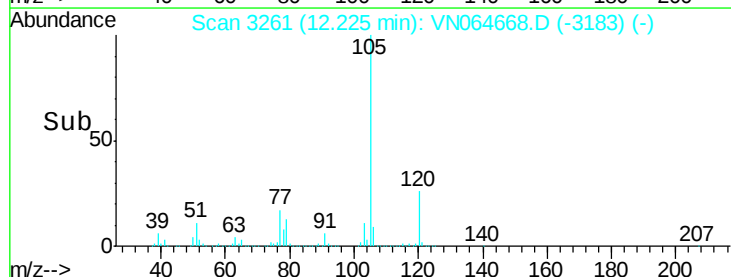
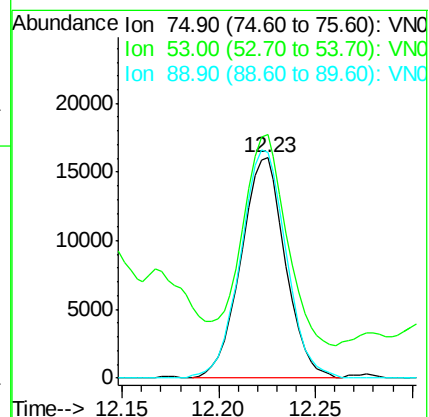
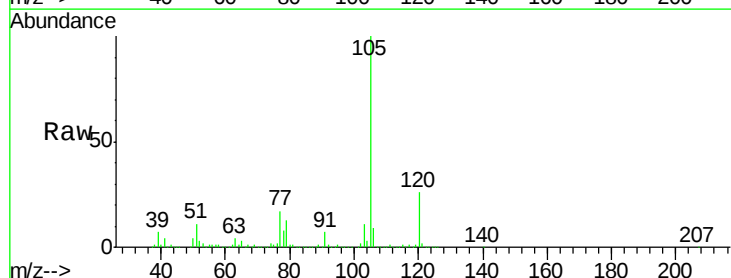
Tgt Ion: 75 Resp: 25683

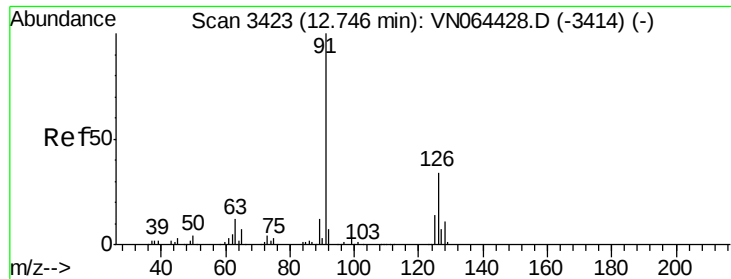
Ion Ratio Lower Upper

75 100

53 94.4 84.0 126.0

89 106.1 36.3 54.5#

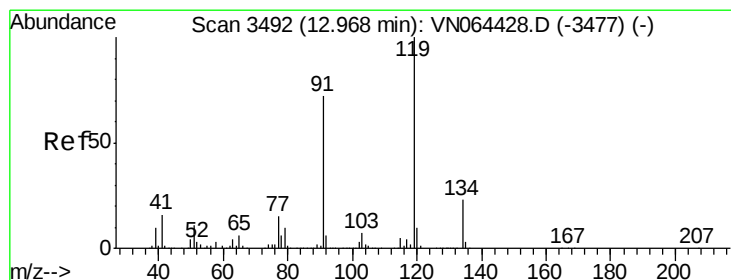
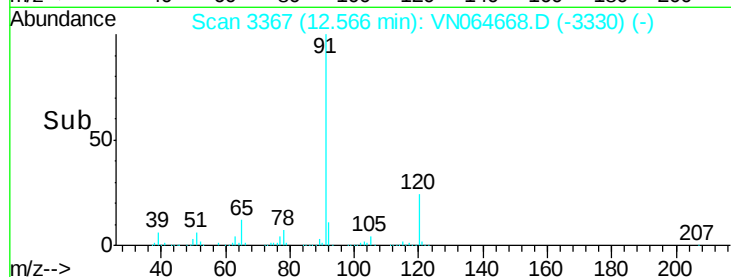
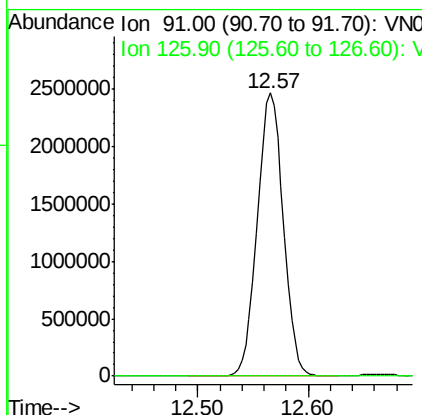
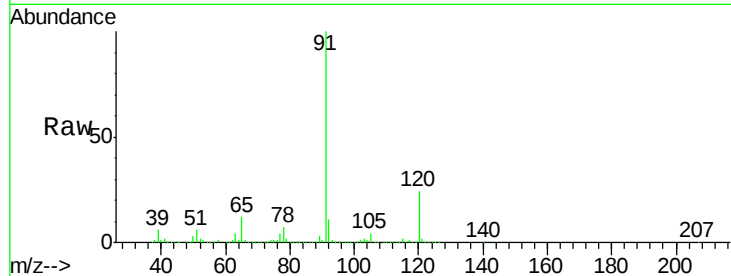




#82
4-Chlorotoluene
Concen: 237.417 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. -0.18 min
Lab File: VN064668.D
Acq: 16 Nov 2020 18:25

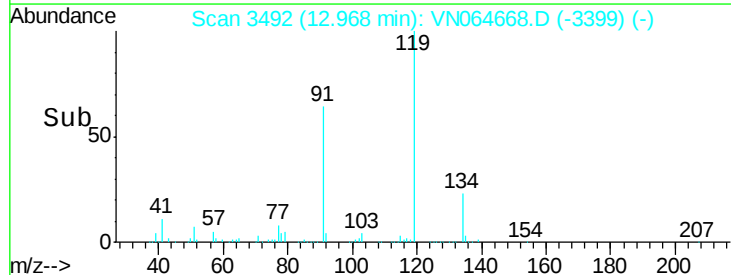
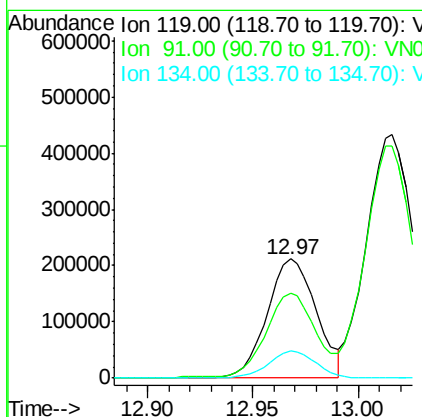
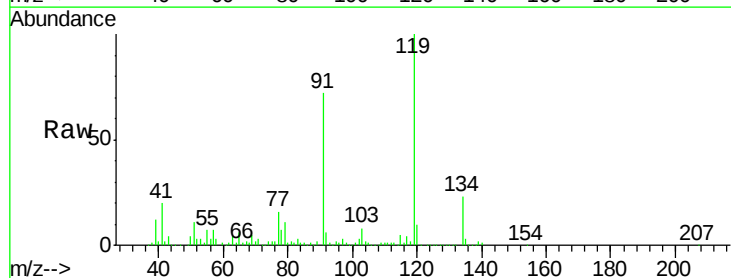
Instrument :
MSVOA_N
ClientSampled :
MW-1

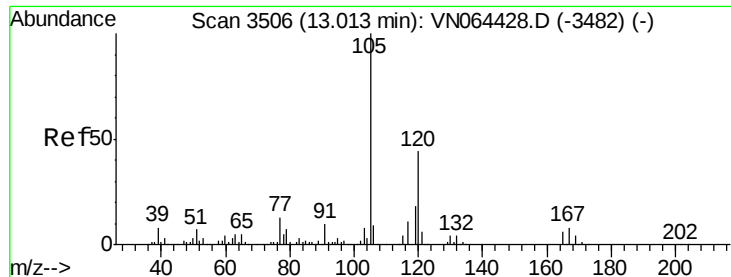
Tot Ion: 91 Resp: 4024995
Ion Ratio Lower Upper
91 100
126 0.0 15.4 46.2#



#83
tert-Butylbenzene
Concen: 23.826 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064668.D
Acq: 16 Nov 2020 18:25

Tgt Ion: 119 Resp: 343676
Ion Ratio Lower Upper
119 100
91 70.5 36.1 108.3
134 22.2 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 286.933 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN064668.D

Acq: 16 Nov 2020 18:25

Instrument :

MSVOA_N

ClientSampleId :

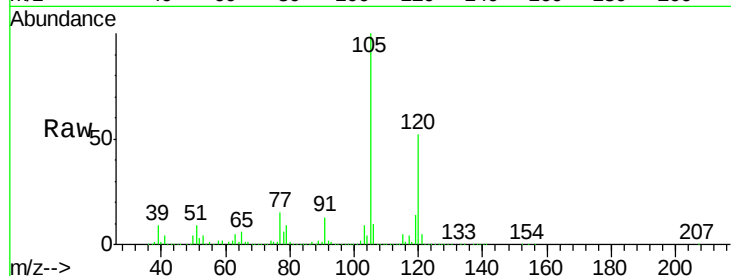
MW-1

Tot Ion:105 Resp: 5327375

Ion Ratio Lower Upper

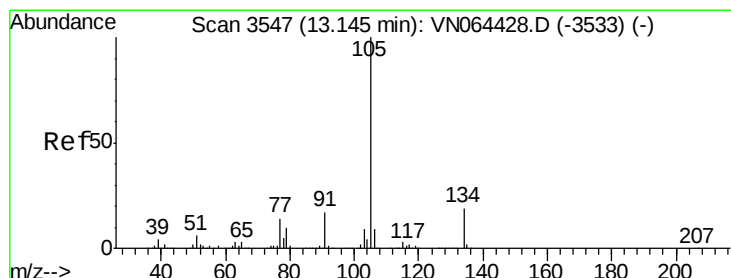
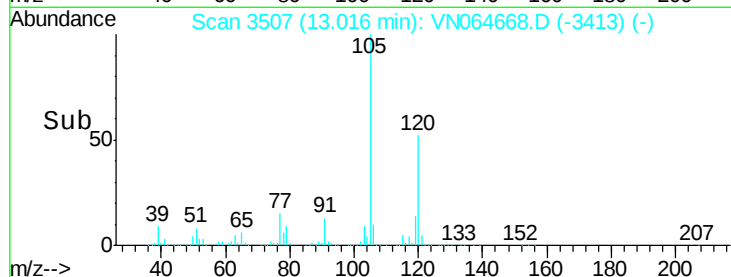
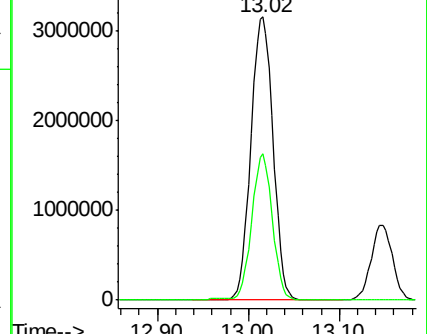
105 100

120 48.0 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 74.302 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064668.D

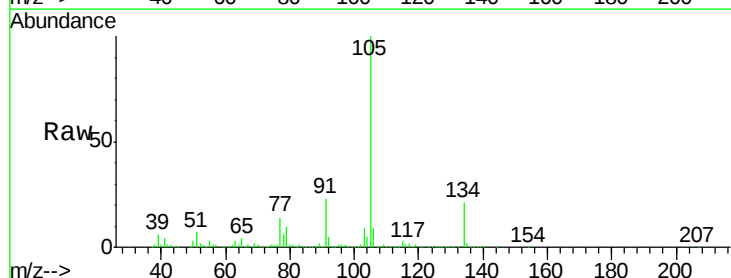
Acq: 16 Nov 2020 18:25

Tgt Ion:105 Resp: 1357392

Ion Ratio Lower Upper

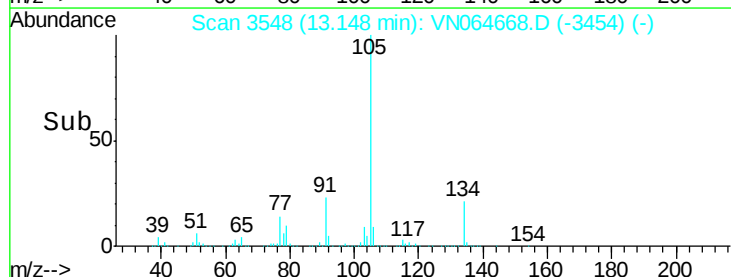
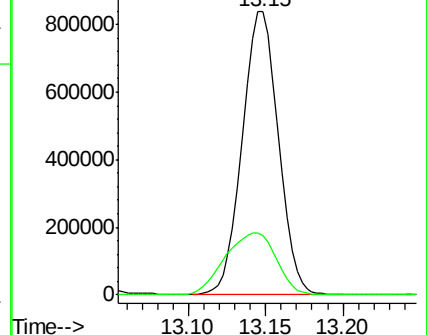
105 100

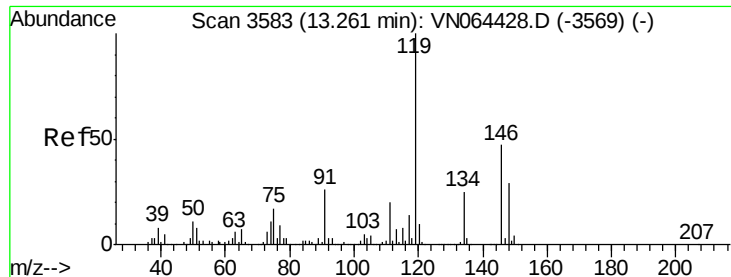
134 31.3 9.4 28.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

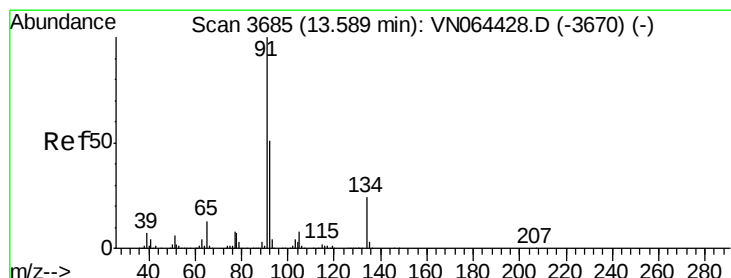
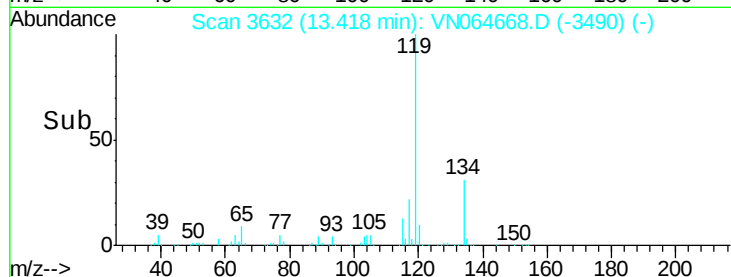
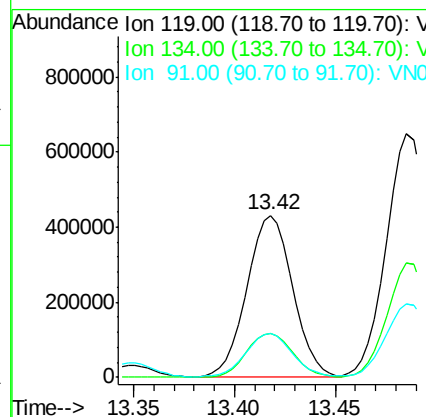
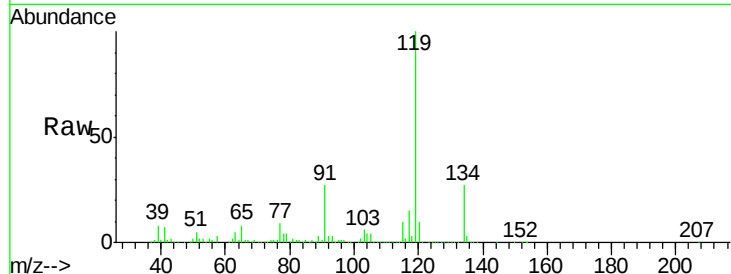




#86
p-Isopropyltoluene
Concen: 41.549 ug/l
RT: 13.42 min Scan# 3632
Delta R.T. 0.16 min
Lab File: VN064668.D
Acq: 16 Nov 2020 18:25

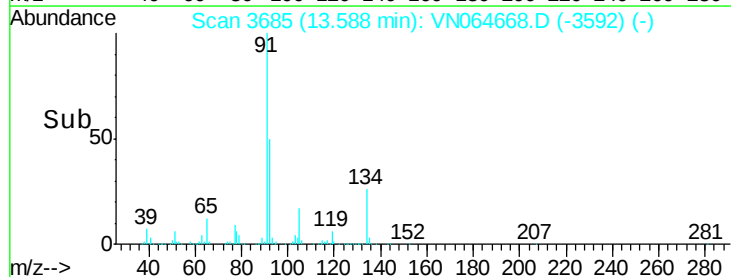
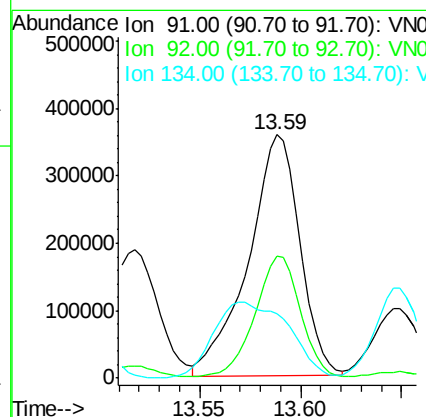
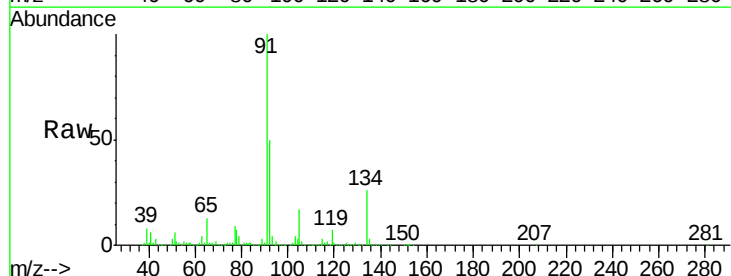
Instrument :
MSVOA_N
ClientSampled :
MW-1

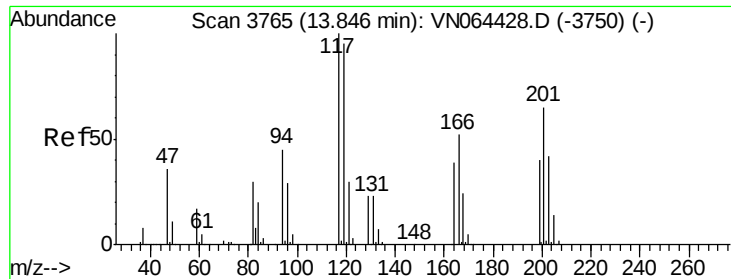
Tot Ion:119 Resp: 682745
Ion Ratio Lower Upper
119 100
134 27.9 12.6 37.6
91 27.1 12.8 38.3



#89
n-Butylbenzene
Concen: 45.166 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064668.D
Acq: 16 Nov 2020 18:25

Tgt Ion: 91 Resp: 638124
Ion Ratio Lower Upper
91 100
92 44.1 25.3 75.9
134 45.6 11.8 35.4#





#90

Hexachloroethane

Concen: 78.028 ug/l

RT: 13.86 min Scan# 3771

Delta R.T. 0.02 min

Lab File: VN064668.D

Acq: 16 Nov 2020 18:25

Instrument :

MSVOA_N

ClientSampleId :

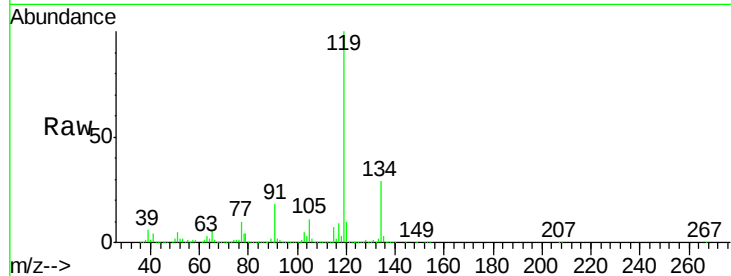
MW-1

Tot Ion:117 Resp: 247335

Ion Ratio Lower Upper

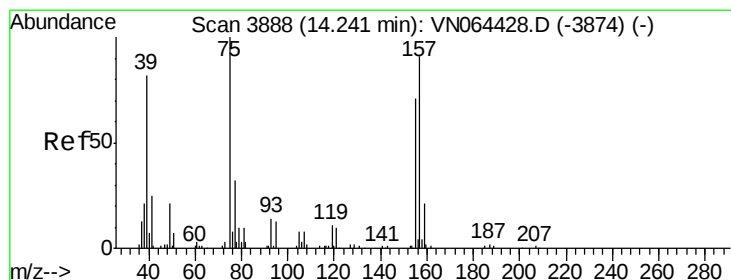
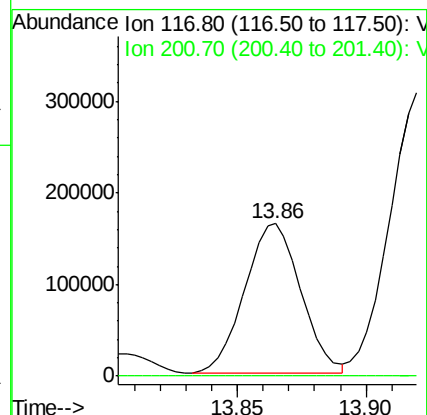
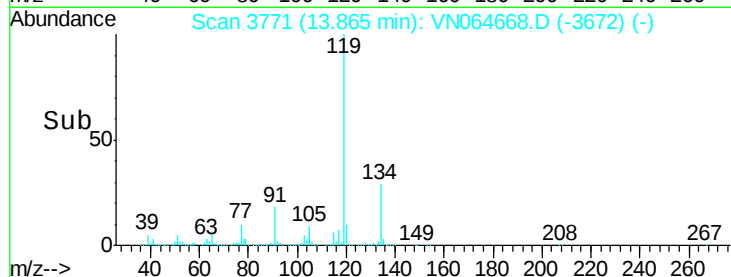
117 100

201 0.0 32.5 97.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.727 ug/l

RT: 14.22 min Scan# 3883

Delta R.T. -0.02 min

Lab File: VN064668.D

Acq: 16 Nov 2020 18:25

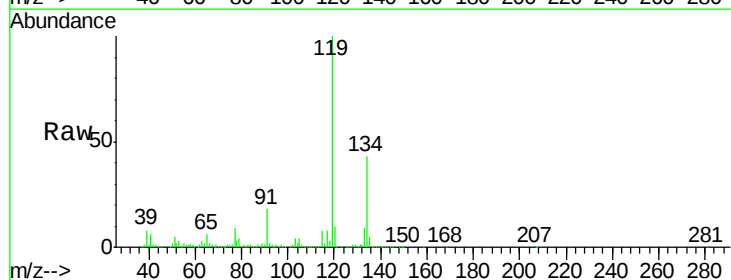
Tgt Ion: 75 Resp: 2365

Ion Ratio Lower Upper

75 100

155 0.0 34.6 103.9#

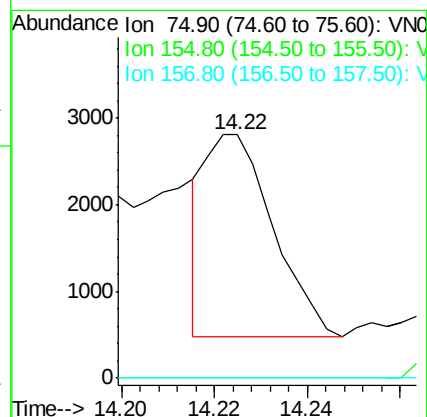
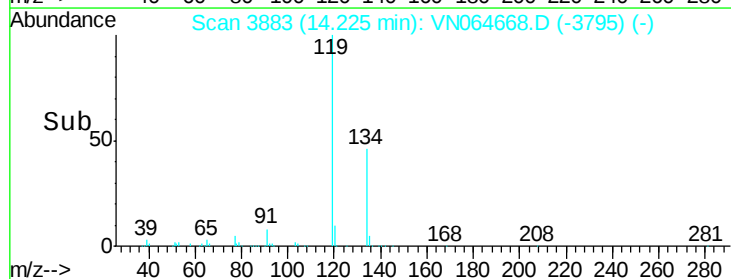
157 0.0 43.0 128.8#

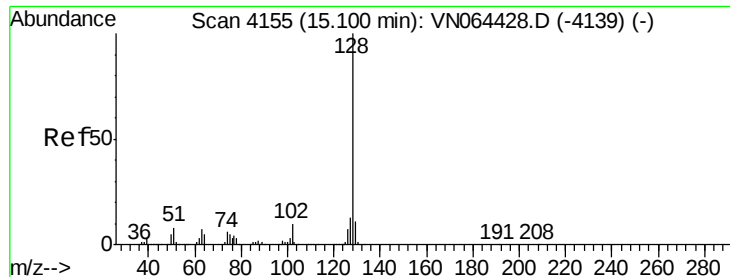


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 12.158 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064668.D

Acq: 16 Nov 2020 18:25

Instrument :

MSVOA_N

ClientSampleId :

MW-1

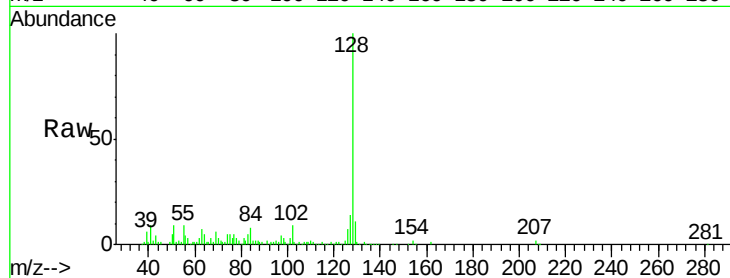
Tot Ion:128 Resp: 142150

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

129 10.8 8.8 13.2



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

